

Wiring Diagram Manual

MODEL 172R SERIAL NUMBERS 17280001 AND ON AND MODEL 172S SERIAL NUMBERS 172S8001 AND ON



Member of GAMA

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

LIST OF REVISIONS

1. Effectivity

- A. The configuration of each airplane is tailored to the request of the customer. This Wiring Diagram Manual covers airplanes serial 172R-80001 & On, and airplanes 172S-8001 and On.

NOTE: Information in this Wiring Diagram Manual is applicable to U.S. and foreign certified Model 172R, and Model 172S airplanes. Information unique to a particular country is identified in the chapter(s) affected.

2. Revisions

- A. This Wiring Diagram Manual includes the original issue and the following listed revisions. To ensure that information in this manual is current, the revisions shall be incorporated in to the manual as they are issued.

Original Issue - 2 December 1996

Revision 1 - 15 May 1997

Revision 2 - 15 May 1998

Revision 3 - 1 August 2000

Revision 4 - 15 January 2001

Revision 5 - 18 August 2001

Revision 6 - 5 May 2003

Revision 7 - 20 January 2006

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CHAPTER SECTION SUBJECT	NUMBER OF PAGES	DATE
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List of Revisions	1	Jan 20/2006
Introduction-List of Effective Pages	1	Jan 20/2006
Introduction	12	Jan 20/2006
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Light Bulb Replacement Guide	2	Jan 20/2006
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Vendor Address List	3	Jan 20/2006
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INTRODUCTION

1. Coverage

- A. The Wiring Diagram Manual is prepared in accordance with Air Transport Association (ATA) Specification 100 for Manufacturer's Technical Data.
- B. The information in this publication is based on data available at the time of publication and is updated, supplemented, and automatically amended by all information issued in Service News Letters, Service Bulletins, Supplier Service Notices, Publication Changes, Revisions, Reissues and Temporary Revisions. All such amendments become part of and are specifically incorporated within this publication. Users are urged to keep abreast of the latest amendments to this publication through information available at Cessna Authorized Service Stations or through the Cessna Product Support subscription services. Cessna Service Stations have supplier publications which provide disassembly, overhaul, and parts breakdowns for some of the various supplier equipment items. Suppliers publications are updated, supplemented, and specifically amended by supplier issued revisions and service information which may be reissued by Cessna, thereby automatically amending this publication and are communicated to the field through Cessna's Authorized Service Stations and/or through Cessna's subscription services.

WARNING: ALL INSPECTION INTERVALS, REPLACEMENT TIME LIMITS, OVERHAUL TIME LIMITS, THE METHOD OF INSPECTION, LIFE LIMITS, CYCLE LIMITS, ETC., RECOMMENDED BY CESSNA ARE SOLELY BASED ON THE USE OF NEW, REMANUFACTURED, OR OVERHAULED CESSNA APPROVED PARTS. IF PARTS ARE DESIGNED, MANUFACTURED, REMANUFACTURED, OVERHAULED, AND/OR APPROVED BY ENTITIES OTHER THAN CESSNA, THEN THE DATA IN CESSNA'S MAINTENANCE/SERVICE MANUALS AND PARTS CATALOGS ARE NO LONGER APPLICABLE AND THE PURCHASER IS WARNED NOT TO RELY ON SUCH DATA FOR NON-CESSNA PARTS. ALL INSPECTION INTERVALS, REPLACEMENT TIME LIMITS, OVERHAUL TIME LIMITS, THE METHOD OF INSPECTION, LIFE LIMITS, CYCLE LIMITS, ETC., FOR SUCH NON-CESSNA PARTS MUST BE OBTAINED FROM THE MANUFACTURER AND/OR SELLER OF SUCH NON-CESSNA PARTS.

- C. Inspection, maintenance and parts requirements for Supplemental Type Certification (STC) installations are not included in this manual. When an STC installation is incorporated on the airplane, those portions of the airplane affected by the installation must be inspected in accordance with the inspection program published by the owner of the STC. Since STC installations may change systems interface, operating characteristics and component loads or stresses on adjacent structures. Cessna provided inspection criteria may not be valid for airplanes with STC installations.
- D. This manual has been prepared to assist personnel in maintaining wiring and electrical/electronic components in this airplane and provides the necessary information required to troubleshoot, remove and replace components or repair systems.
- E. Information beyond the scope of this manual may be found in the Maintenance Manual, Illustrated Parts Catalog and Structural Repair Manual. For technical assistance concerning this manual, contact Cessna Aircraft Company, Propeller Aircraft Product Support.
- F. Technical Publications available from suppliers of various components and systems, which are not covered in this manual, must be utilized as required for maintenance of those components.

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- G. Publications for this model are available in paper, aerofiche and CD-ROM versions. For information concerning the different versions and availability of these publications, contact Cessna Aircraft Company, Propeller Aircraft Product Support.

- (1) Paper versions are available as individual publications.
- (2) Aerofiche versions are available as individual publications. Aerofiche versions are a copy of the paper version of the manual.
- (3) Maintenance Manual, Illustrated Parts Catalog, Wiring Diagram Manual and Structural Repair Manual CD-ROM versions are grouped together on a CD-ROM. Refer to the CD-ROM introduction for information about items marked as (Paper version of this manual only.).

2. Effectivity

- A. This Wiring Diagram Manual covers Model 172R, Airplanes 17280001 and On; and Model 172S, Airplanes 172S08001 and On.

NOTE: Information in this Wiring Diagram Manual is applicable to U.S. and foreign certified Model 172R, Airplanes 17280001 and On; and Model 172S, Airplanes 172S08001 and On. Information unique to a particular country is identified in the chapter(s) affected.

3. List of Effective Pages(Paper version of this manual only.)

- A. A list of effective pages is provided with each wiring diagram manual chapter. All pages in the chapter are listed in sequence with the most recent revision date for each page.

4. Temporary Revision(Paper version of this manual only.)

- A. Additional information which becomes available will be provided through temporary revision. This service is used to provide, without delay, new information which will assist in maintaining safe and efficient flight/ground operations. The temporary revisions are normally incorporated in the wiring diagram manual at the next revision, and then becomes a permanent part of the manual.

5. Revision Filing Instructions

- A. Regular Revision.

(Paper version of this manual only.)

- (1) Refer to the List of Effective pages of each chapter while inserting a revision.
- (2) Pages changed by the revision will be indicated by the revision date on the page and on the List of Effective pages for that chapter. The revised page replaces the existing page in the manual.
- (3) New pages added to the manual are indicated by "Added" on the List of Effective pages. Pages are inserted in the manual in sequence by chapter/section/subject and page number.
- (4) Existing pages no longer needed in the manual are indicated by "Deleted" on the List of Effective pages. These pages are to be removed and discarded. When a page has been deleted by a revision, the List of Effective pages for subsequent revisions does not list the page.

- B. Temporary Revisions:

(Paper version of this manual only.)

- (1) File temporary revisions in the applicable chapter in accordance with filing instructions that appear on the title page.
- (2) Temporary revisions should be removed from the manual only when replaced by a revision to the manual or by instructions noted on the superseding temporary revision.

6. Revision Indicators

- A. Additions, deletions or revisions to text in an existing section will be identified by a revision bar in the left margin of the page adjacent to the change. This is applicable to the List of Revisions, Introduction, Chapter 20, and Chapter 91 only.
- B. When technical changes cause unchanged text to appear on a different page/pages, a revision bar will be placed in the margin opposite the page number of all affected pages. These pages will be updated to the current revision date.

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- C. When extensive technical changes are made to text in an existing section that requires complete retype of copy, revision bars will appear full length of the text.
- D. Revisions to parts listing pages are identified by an "R" in the right margin of the text pages.

7. Manual Usage

A. Purpose.

- (1) This Wiring Diagram Manual has been prepared by Cessna Aircraft Company to assist customer personnel in locating, tracing and repairing of aircraft wiring and components. The wiring diagram manual may also be used to assist in ordering replaceable wiring components and in identifying new and reclaimed parts. It is not approved for any other purpose.

B. Effectivity.

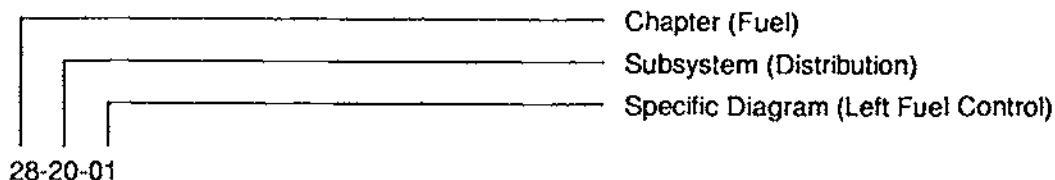
- (1) Due to limited space on the parts list, effectivity listed in a parts column does not include the nine digits of a serial number. EXAMPLE: **80001 - 80004** would indicate the part listed is applicable to Model 172R serial numbers 17280001 thru 17280004. **8001 - 8004** would indicate the part listed is applicable to Model 172S serial numbers 172S08001 thru 172S08004. Effectivity listed under the title will include the complete effectivity.
- (2) Airplane effectivity is indicated in the parts list by a ten-character alphanumeric code. The first five characters indicate the first applicability and the last five characters indicate the last applicability on an unbroken sequence of assigned airplanes. When an item is applicable to all airplanes, the column shall be left blank.
- (3) Avionic configurations are standard avionics package, NAV I, NAV II, OR NAV III options. Sections of this wiring diagram manual that are unique to a specific avionics configuration are listed as STANDARD, NAV I, NAV II, and NAV III avionics.

C. Identification Procedures.

(1) Wiring Diagram Manual Numbering.

- (a) Numbering of chapters, sections and subjects within the Wiring Diagram Manual is in accordance with ATA Specification 100. This same numbering system is utilized in the Illustrated Parts Catalog and Maintenance Manual to allow for easy cross-referencing between the three books. Refer to Figure 1 for an example of the numbering system.

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Wiring Diagram Numbering
Figure 1

(2) Wiring Diagram Page Numbering.

- (a) Page numbers 0 thru 100 are used to number wiring diagrams. Sheet numbers are used for diagrams that require more than one page for illustration.

NOTE: Whenever a diagram is referenced to another, only the diagram number is used. Therefore, where there is more than one page of the same diagram, it is necessary to refer to the effectivity block to make certain the diagram applies to the airplane of interest.

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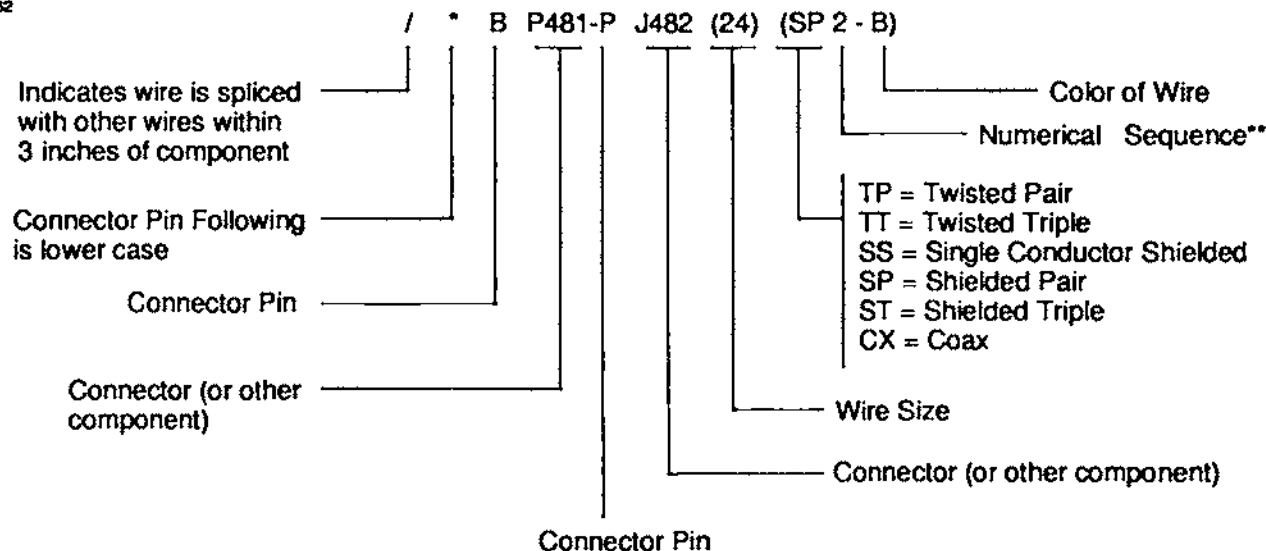
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D. Wire Identification and Numbering.

- (1) In each electrical and electronic wiring circuit, the wires are identified by a number-letter code called a wire number. The wire number is either printed, stenciled or labeled on each wire segment. A wire segment is a run of wire between two points in a circuit. The wire number explains where the wire is used and gives the wire gage. Refer to Figure 2 for an example of the wire identification and numbering system.

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** A numerical sequence for each type of wire (SP1, SP2, SP3, ST1, ST2, ST3) on a wire diagram page may be used to identify wires within a shield or twisted group when they are not drawn adjacent and enclosed by a twisted or shielded symbol. Example: SP2-B and SP2-W are the two wires within a shield.

Wiring Diagram Numbering
Figure 2

- (2) Thermocouple leads are banded for identification and are color coded as shown in Table 1.

Table 1. Thermocouple Color Codes

Color Coding	Wire Material
Red	Alumel
Yellow	Chromel

E. Parts List.

- (1) Electrical and electronic equipment used in the wiring diagrams are identified by an alphanumeric reference designator. This reference designator is used as a cross-reference to the parts list where the part number and part description are shown. The five digit Federal Supply Code may be found in the Suppliers Address List to find the suppliers name and address.
- (2) Most reference designators consists of two (2) alphabetical characters followed by three (3) numeric characters.
 - (a) The first alphabetical character denotes component type.

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Table 2. First Alphabetical Characters

A =	Splice
B =	Controller
C =	Capacitor
D =	Diode
E =	Instrument
F =	Light
G =	Ground
H =	Circuit Breaker, Fuse, Bus Bar
J =	Connector (Jack, Receptacle)
K =	Relay
L =	Inductor
M =	Servo Motor
N =	Logic Module Assembly
P =	Connector (Plug)
Q =	Transistor
R =	Resistor
S =	Switch
T =	Thermal Element
U =	Unit, Module
V =	Solenoid Valve
W =	Solenoid
X =	Junction Block
Z =	Cessna Assembly

(b) The second alphabetical character denotes general location in the airplane.

Table 3. Second Alphabetical Characters

A =	Aft bulkhead
B =	Firewall
C =	Left fuselage
F =	Right fuselage
G =	Landing gear
H =	Horizontal stabilizer
I =	Instrument panel
L =	Left wing
M =	Left wing feed thru
N =	Nose
R =	Right wing
S =	Right wing feed thru

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Table 3. Second Alphabetical Characters (continued)

T= Tailcone
V= Vertical stabilizer
Z= Inside a Cessna Assembly

(c) The three (3) numeric characters are sequentially assigned and do not denote location or order of occurrence.

F. List of Chapters.

(Paper version of this manual only.)

(1) The List of Chapters includes all chapters used in this manual.

G. Alphabetical Indexes.

(Paper version of this manual only.)

(1) The Alphabetical Index lists all subjects in this manual.

(2) The Component Index is an alphabetical list of components in this manual.

H. Reference Designator Index

(Paper version of this manual only.)

(1) The Reference Designator Index is a complete listing of all reference designators included in the parts list. All reference designators are cross-referenced to the part number and applicable chapter, section, subject and figure where the reference designator is used.

I. Part Number Indexes.

(Paper version of this manual only.)

(1) The Part Number Index is a complete listing of all parts included in the parts list. All part numbers are cross-referenced to the reference designator and applicable chapter, section, subject and figure where the part number is used.

J. Chapter 20 Includes.

(1) Safety precautions.

(2) General maintenance information for wire repairs, grounding of wires, soldering, heat shrink tubing, resistors, torque values, connectors, and relay sockets.

(3) Information on connectors for removal and installation of contacts, contact pin and socket part numbers, tools to crimp the contacts, sealing of potted type connectors and connector contact arrangements.

K. Chapter 91 Includes.

(1) Reference information for connectors, ground locations and component locations.

(a) Connector charts are provided for those connectors that contain wires for several different systems. All contact pins are shown for the complete connector. The wire number for each wire to a pin is shown with reference to the system where the complete circuit will be found.

(b) Ground locations are provided for all grounds.

(c) Component location charts are provided listing each reference designator and its location in the airplane.

L. How To Use This Manual.

(1) All operable electrical components, such as relays, etc., are shown with the airplane on the ground, all circuits off or de-energized and no electrical power on the circuits. Switches are shown in the off or normal position unless otherwise noted.

(2) The parts list may consist of two or more text lines. Make certain that all lines are observed, as the part number and part description are not always complete on the first line.

(3) Some wire diagrams have too many parts to list on one page of text. In this case, identical wire diagrams are used with a different parts list for each diagram.

(4) Letters or numbers are used to identify the contacts of a connector to which each wire is connected.

(a) The letter or number shown on the wiring diagram is also marked on the connector.

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- (b) A letter that is underlined or preceded by an asterisk indicates a lower case letter. On wire diagrams, the letter may be printed in either lower case or capital letters, but both indicate lower case on the connector.

8. Suppliers Addresses and Publications

- A. Refer to the Supplier's Address List for suppliers names and addresses.
- B. Refer to the Supplier's Publication List for suppliers names and publications.

9. Service Bulletins

- A. A record of service bulletins are listed in the Service Bulletin List.
- B. The list of service bulletins summarizes the following information:
 - (1) Service Bulletin Number - Identifies the service bulletin that corresponds to a modification kit. Service bulletins are numbered consecutively starting with number one.
 - (2) Service Bulletin Date - The printing date of the service bulletin.
 - (3) Manual Incorporation Date - Indicates when the service bulletin was incorporated into the manual.
 - (a) No Effect - This indicates the service bulletin does not affect the manual.
 - (b) Other self-explanatory statements may appear (i.e., replaces, replaced, superseded, etc.).
 - (4) Title - Identifies the service bulletin by nomenclature. It is the same title displayed on page one of the service bulletin.

10. Engineering Approved Abbreviations

- A. A record of engineering approved abbreviations used in this manual are listed in the Engineering Approved Abbreviations List.

11. Symbols

- A. Refer to Figure 3 for examples of symbols used in this wiring diagram manual.

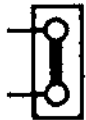
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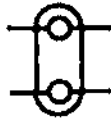
BATTERY



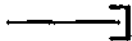
BUS



BUS BAR



CAP AND STOW



CAPACITOR



POLARIZED



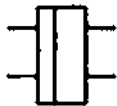
CIRCUIT BREAKER



SWITCH BREAKER



CONNECTOR



DIODE



ZENER



TRANSORB



VARISTOR



Regular - Low resistance forward, high resistance reverse.

Electrical Symbols
 Figure 3 (Sheet 1)

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FUSE/LIMITER



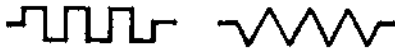
GROUND



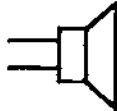
GROUND BLOCK



HEATER



HORN/SPEAKER



INTEGRATED CIRCUIT

Integrated circuits do not necessarily work on the principle of ON-OFF as a switch, instead some work on high and low voltage. Example: high might be 5.0 volts and low might be 0.5 volts.

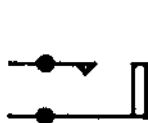
LAMP



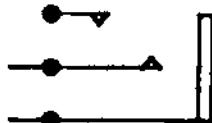
MOTOR



PHONE JACK



MICROPHONE JACK

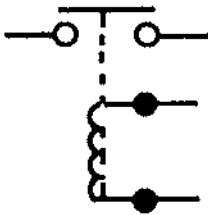


Electrical Symbols
 Figure 3 (Sheet 2)

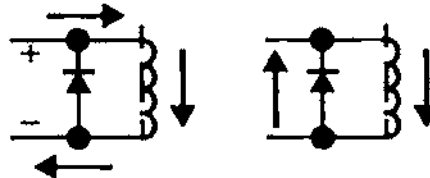
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RELAY

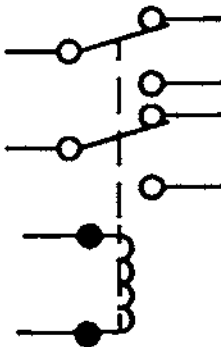


The symbol for the solenoid may be a box or a coil, the operation is identical



CURRENT FLOW
WITH POWER APPLIED

CURRENT FLOW THE
INSTANT POWER IS REMOVED



A diode is connected across the input wires of relays and solenoid operated devices, such as valves, to protect voltage sensitive navigation and electronic equipment. The diode is reverse-biased for normal power and no current flows through the diode. Current flowing through the coil of wire produces a magnetic field to operate the relay or valve. The instant power is removed from the coil, the collapsing magnetic field produces a momentary spike of high voltage which can be several hundred volts depending on the current and the number of turns of wire in the coil. The diode is forward-biased for the power generated in the coil and the high voltage spike is dissipated through the diode. A varistor, zener or transorb are used in place of the diode on some relays.

RESISTOR



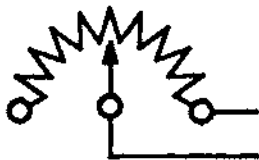
REGULAR - resistance does not change.



TEMPERATURE CONTROLLED - resistance changes with the temperature.



VARIABLE OR ADJUSTABLE - resistance changes with mechanical input.

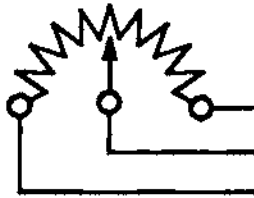


RHEOSTAT - Type of variable resistor with two wires.

Electrical Symbols
 Figure 3 (Sheet 3)

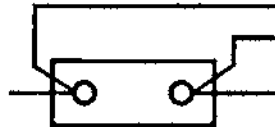
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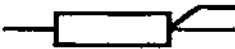


POTENTIOMETER - Type of variable resistor with three wires.

SHUNT



SPLICE

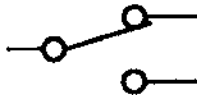


ENVIRONMENTAL

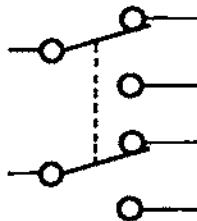
SWITCH



SINGLE POLE/SINGLE THROW (SPST)



SINGLE POLE/DOUBLE THROW (SPDT)
 may have OFF position in the center.



DOUBLE POLE/DOUBLE THROW (DPDT)
 may have OFF position in the center.
 Dashed line indicates all parts move simultaneously.

CONNECTIONS



SOLDERED



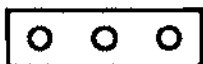
CRIMP OR SCREW

Electrical Symbols
 Figure 3 (Sheet 4)

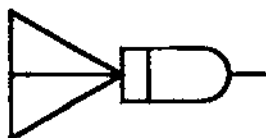
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TERMINAL STRIP



ANTENNA



WIRE



TWISTED



SHIELDED



FLAG NOTE



Vendor supplied wire leads and/ or equipment.

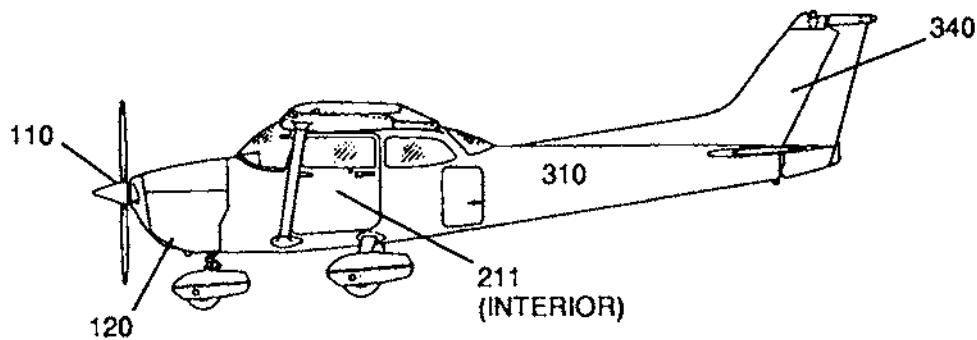
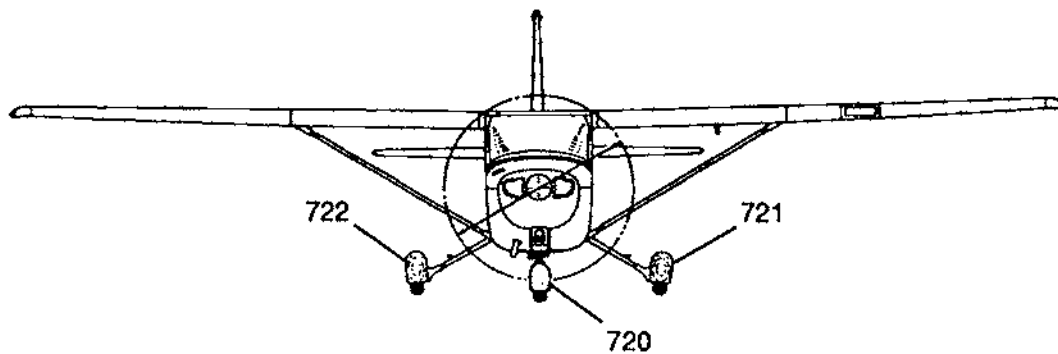
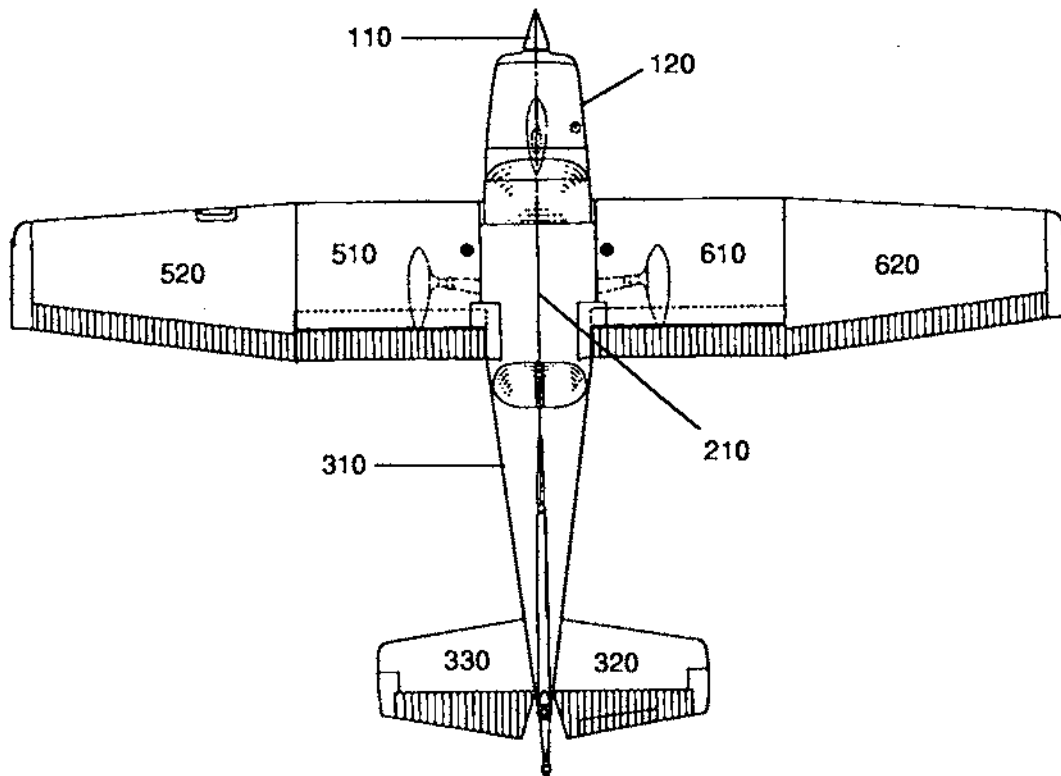


Vendor supplied wire leads and/ or equipment.

Electrical Symbols
Figure 3 (Sheet 5)

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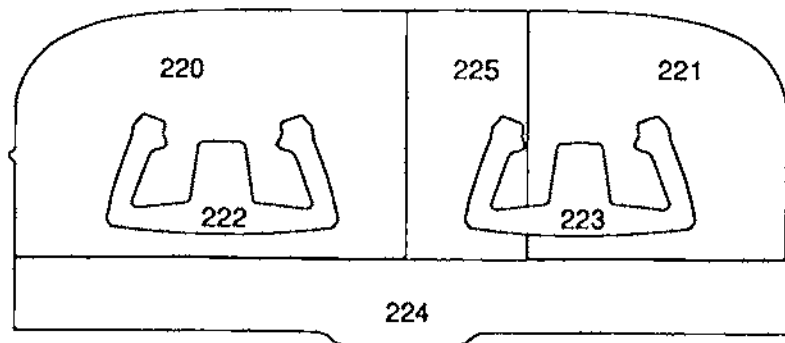


Zone Numbering
 Figure 2 (Sheet 1)

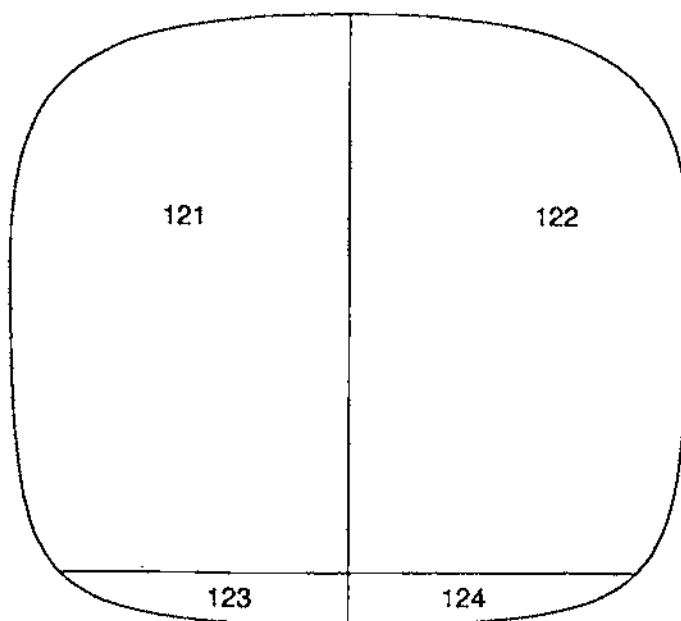
05103001
 05103001
 05103001

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INSTRUMENT PANEL



FIREWALL LOOKING FORWARD

0513C1003
0710T1004

Zone Numbering
Figure 3 (Sheet 1)

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LIGHT BULB REPLACEMENT GUIDE

1. Light Bulb Replacement Guide

- A. The following table may be used for light bulb replacement. The reference designator identifies the light on it's associated wire diagram. For lights that have no reference designator, the column is left blank.

LIGHT	REFERENCE DESIGNA- TOR	AIRPLANE ZONE	BULB QUANTITY	BULB PART NUMBER
EXTERIOR				
Courtesy Light, Left	FL004	510	01	MS15584-16
Courtesy Light, Right	FR002	610	01	MS15584-16
Flashing Beacon Light	FV002	340	01	02-0350433-01
Landing Lamp (HID)	FL008	520	01	81010-1
Landing Lamp (HID)	FL008	520	01	81008-1
Landing Light	FL002	520	01	4594
Landing Light	FL002	520	01	4596
Nav Light, Right (Green)	FR004	620	01	01-0770082-13
Navigation Light	FL003	520	01	MS25309-7512
Navigation Light	FR001	620	01	MS25309-7512
Navigation Light (Alternate)	FL003	520	01	34-0428020-65
Navigation Light (Alternate)	FL003	520	01	A-7512-24
Navigation Light (White)	FV001	340	01	MS35478-1683
Strobe Light	FL005	520	01	C622006-0101
Strobe Light	FR003	620	01	C622006-0101
Taxi Lamp (HID)	FL009	520	01	81009-1
Taxi Lamp (HID)	FL009	520	01	81011-1
Taxi Light	FL001	520	01	4587
Taxi Light	FL001	520	01	4626
Wing Nav Light (Red)	FL006	520	01	01-0770082-12
INSTRUMENT PANEL				
Compass Light	FC001	220	01	MS25237-327
Standby Battery Test Light (Green)	FI011	220	01	S2800-679
INTERIOR				
Control Wheel Map Light	L1	222	01	S2521-1
Copilot Flood Light (LED)	FF004	211	01	RL6870-1

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LIGHT	REFERENCE DESIGNA- TOR	AIRPLANE ZONE	BULB QUANTITY	BULB PART NUMBER
Dome Light	FC003	211	01	1864
Dome Light	FC002	211	01	1864
Pedestal Light	FI003	211	01	MS25231-1829
Pilot Dome Light (LED)	FC006	211	01	RL6870-1
Pilot Flood Light (LED)	FC012	211	01	RL6870-1
Rear Dome Light	FC005	211	01	4596-1
Rear Dome Light (LED)	FC007	211	01	RL6870-1

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FUSE REPLACEMENT GUIDE

1. Fuse Replacement Guide

- A. The following table may be used for fuse and fuse limiter replacement. The reference designator identifies the fuse on its associated wire diagram.

NAME	CIRCUIT	LOCATION	AIRPLANE ZONE	PART NUMBER
F1	Alternator System	Power Junction Box	121	ATC-30
F2	Alternator System	Power Junction Box	121	ATC-30
F4	Clock	Power Junction Box	121	AGC5

CESSNA AIRCRAFT COMPANY
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SERVICE BULLETIN LIST

1. General

- A. The Service Bulletin List provides the service bulletin number, title and date. If a service bulletin has been revised, the revision number is listed. If a service bulletin has been included in this manual, the manual revision date is given.

Service Bulletin	Revision	Service Bulletin Title	Service Bulletin Date	Included In Manual
SB98-11-01		Voltage Polarity Placard Installation	3/23/1998	No Effect
SB99-11-01		Pilot's Operating Handbook Revision	9/27/1999	No Effect
SB01-11-01		Pilot's Operating Handbook Revision	2/5/2001	No Effect
SB00-11-01		German Pilot's Operating Handbook Revision	3/13/2000	No Effect
SB97-11-01		Pilot's Operating Handbook and Checklist Revisions	5/12/1997	No Effect
SB05-11-02		Pilot's Operating Handbook Revisions	Jul 29/2005	No Effect
SB04-11-02		Pilot's Operating Handbook Revision	Aug 30/2004	No Effect
SB98-11-02		Pilot's Operating Handbook and Checklist Revisions	3/30/1998	No Effect
SB03-11-02		Pilot's Operating Handbook and Checklist Revisions	4/14/2003	No Effect
SB01-11-02		Pilot's Operating Handbook and Checklist Revisions	3/5/2001	No Effect
SB05-11-03		Pilot's Operating Handbook Temporary Revision 2	Aug 29/2005	No Effect
SB00-11-03		Pilot's Operating Handbook and Checklist Revisions	5/22/2000	No Effect
SB97-11-04		Aft Baggage Placard Inspection/Replacement	11/3/1997	No Effect
SB00-11-04		Pilot's Operating Handbook and Checklist Revisions	8/14/2000	No Effect
SB03-11-04		Pilot's Operating Handbook and Pilot's Checklist Revisions	Oct 27/2003	No Effect
SB98-11-05		German Pilot's Operating Handbook and Checklist Revisions	9/21/1998	No Effect
SB97-11-05		Altimeter Certification Logbook Entry Verification	12/15/1997	No Effect
SB98-11-06		Brazilian Pilot's Operating Handbook Revision	10/12/1998	No Effect
SB98-20-01	1	Firewall Sealant Replacement	12/31/1998	No Effect
SB99-21-01		Fresh Air Vent Replacement	3/15/1999	No Effect
SB00-22-01		KAP-140 Autopilot Servo Inspection/Modification	2/14/2000	No Effect
SB97-22-01		Bendix/King Autopilot Flight Computer Modification	10/6/1997	No Effect
SB05-22-01		Trim Servo Cable Chain Inspection	Dec 5/2005	No Effect

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Service Bulletin	Revision	Service Bulletin Title	Service Bulletin Date	Included In Manual
SB02-22-01		Honeywell KAP-140 Autopilot System Modification	11/25/2002	No Effect
SB03-23-01		Honeywell KMA 26 Audio Panel Modification	Jul 28/2003	No Effect
SB05-24-01		MC01-3A Main Electrical Power Junction Box Circuit Breakers Inspection	Jan 31/2005	No Effect
SB98-24-01		Alternator Replacement	3/30/1998	May 5/2003
SB00-24-01		Main Power Junction Box Circuit Breaker Retrofit Kit Installation	3/13/2000	Aug 1, 2000
SB99-24-01		Electrical Power Systems Modification	3/15/1999	May 5/2003
SB03-24-01		Alternator Replacement	Jul 28/2003	No Effect
SB97-24-01		Electrical Wire Bundle Inspection	12/15/1997	No Effect
SB04-24-01		Alternator Control Unit Inspection/Replacement	Mar 1/2004	No Effect
SB99-24-02		Circuit Panel Assembly Cover Installation	12/27/1999	No Effect
SB00-24-02		Electrical Panel Wiring Modification	6/5/2000	Aug 1/2000
SB03-24-02		MC01-3A Main Electrical Power Junction Box Modification	Oct 13/2003	No Effect
SB03-25-01		Armrest Shield Installation	2/3/2003	No Effect
SB99-25-01	1	Emergency Locator Transmitter (ELT) Operational Test	12/27/1999	No Effect
SB97-25-01		Aft Bench Seat Back Modification	8/11/1997	No Effect
SB98-25-01		Pilot and Copilot Seat Back Pivot Fitting Inspection	6/1/1998	No Effect
SB05-25-01		Inflatable Seat Belt Restraint Installation Inspection	Mar 7/2005	No Effect
SB04-25-01	1	Crew Seat Recline Modification	Jun 14/2004	No Effect
SB02-25-01		Pilot and Copilot Shoulder Harness Guide Removal	4/29/2002	No Effect
SB04-25-02	1	Crew Seat Back Cylinder Lock Inspection and Crank Arm Modification	Oct 17/2005	No Effect
SB98-25-02		Pilot and Copilot Seat Roller Inspection	9/14/1998	No Effect
SB05-25-02		Inflatable Seat Restraints Installation	Apr 25/2005	No Effect
SB04-25-03		Passenger Bench Seat Bolt Installation	Jul 19/2004	No Effect
SB04-25-04		Crew Seat Back Cylinder Lock Control Inspection/Adjustment	Oct 11/2004	No Effect
SB97-26-01		Fire Extinguisher Mounting Bracket Inspection	12/22/1997	No Effect
SB01-27-01	1	Elevator Trim Tab Control Cable Stop Block Inspection	2/19/2001	No Effect
SB97-27-01	1	Inspection of Elevator and Elevator Trim Control Cable Pulleys	12/14/1998	No Effect

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Service Bulletin	Revision	Service Bulletin Title	Service Bulletin Date	Included In Manual
SB99-27-01		Control Yoke Pivot Bolt Inspection/Replacement	7/12/1999	No Effect
SB98-27-01		Flap Follow Up System Cable Clamp Inspection	3/30/1998	No Effect
SB03-27-01		Flap Actuator Motor Inspection	Sep 29/2003	No Effect
SB01-27-02		Control Yoke Assembly Inspection	5/28/2001	No Effect
SB04-27-02	1	Elevator Trim Tab Control Cable Inspection	Oct 11/2004	No Effect
SB98-27-02	1	Aileron Control Cable Routing Inspection	12/31/1998	No Effect
SB03-27-02		Flap Control Bracket Attach Bolts Replacement	Dec 22/2003	No Effect
SB98-27-03		Aileron Primary Control Cable-to-Drum Lock Clamp Inspection	6/1/1998	No Effect
SB98-27-05	2	Right Wing Aileron Control Cable Routing Inspection	12/31/1998	No Effect
SB98-27-06		Flight Control Cables and Travel Inspection	6/15/1998	No Effect
SB98-27-07		Control Yoke Attach Bushing Installation	9/21/1998	No Effect
SB03-28-01	0	Fuel Cap Lanyard Removal	Oct 27/2003	No Effect
SB04-28-01	1	Fuel Hose Inspection	Apr 5/2004	No Effect
SB98-28-01		Engine Fuel Pressure Transducer Inspection and Replacement	3/2/1998	No Effect
SB97-28-01		Inspection of Fuel Strainer Drain and Engine Muffler Tailpipe	6/6/1997	No Effect
SB99-28-01		Wing Fuel Tank Vent Check Valve Inspection	4/26/1999	No Effect
SB05-28-01		Fuel Strainer Gasket Inspection	Jan 17/2005	No Effect
SB98-28-02	1	Wing to Fuselage Hose Clamp Inspection	2/1/1999	No Effect
SB01-28-02		Fuel Selector Shaft Assembly Inspection/Replacement	5/28/2001	No Effect
SB01-28-03		Fuel Shut-Off Valve Control Cable Inspection	7/23/2001	No Effect
SB04-28-03		Engine Fuel Return System Installation	Aug 30/2004	No Effect
SB98-28-03		Fuel Shut-Off Valve Cable Clamp Inspection	5/4/1998	No Effect
SB03-32-01		Nose Landing Gear Wheel Fairing Modification	Sep 29/2003	No Effect
SB04-32-01	0	Landing Gear Shock Strut Metering Pin Replacement Nose	Feb 2/2004	No Effect
SB05-33-01		High Intensity Discharge (HID) Landing and Taxi Light Installation	May 9/2005	No Effect
SB97-33-01	1	Light Dimming Module Resistor Installation Inspection	12/14/1998	No Effect
SB98-34-01	1	KLN-89B GPS Navigation System IFR Non-Precision Approach Limitations	8/3/1998	No Effect
SB03-34-01	0	Honeywell KS 270C, KS 271C AND KS272C Servo Friction Inspection	Oct 27/2003	No Effect

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Service Bulletin	Revision	Service Bulletin Title	Service Bulletin Date	Included In Manual
SB97-34-01		KLN-89B GPS Navigation System Approach Restrictions	7/02/1997	No Effect
SB99-34-01	1	KLN-89B GPS Navigation System Modification	4/24/2000	No Effect
SB00-34-01		Pitot Tube Heater Assembly Insulation Installation	4/10/2000	No Effect
SB03-34-02	1	Altimeter Inspection	Feb 16/2004	No Effect
SB97-34-02	1	Alternate Static Source Valve Inspection	12/22/1997	No Effect
SB05-34-08		Garmin G1000 System Software Upgrade	Sep 26/2005	No Effect
SB05-34-09		Garmin G1000 GDL-69A Weather and Digital Audio Entertainment Interface Installation	Sep 26/2005	No Effect
SB05-34-11		Garmin GI-63 Integrated Avionics Unit Outside Cover Replacement	Nov 21/2005	No Effect
SB05-34-12		Garmin 1000 Display Unit (GDU) 1040 Glass Cover Delamination	Dec 5/2005	No Effect
SB05-37-01		Vacuum Pump Inspection/Replacement	Nov 7/2005	No Effect
SB00-37-01		Vacuum System Air Filter Element Inspection/Replacement	8/14/2000	No Effect
SB98-37-01	1	Airborne Vacuum Pump Inspection	3/8/1999	No Effect
SB99-37-01		Vacuum Hose Modification	12/27/1999	No Effect
SB03-37-01	0	Vacuum Manifold Inspection/Replacement	Nov 11/2003	No Effect
SB02-37-02		Dry Vacuum Pump and Coupling Replacement Requirements	2/18/2002	No Effect
SB02-37-03		Vacuum System Reducer Fitting Replacement	2/18/2002	No Effect
SB02-37-04		Airborne Air and Fuel Products Check Valve Manifold Inspection	10/28/2002	No Effect
SB98-52-01		Baggage Door Seal Replacement	2/23/1998	No Effect
SB02-52-01		Cabin Door Handle Replacement	1/21/2002	No Effect
SB04-52-01		Security Lock Installation	Jun 28/2004	No Effect
SB01-53-01		Battery Box Support Inspection/Modification	2/5/2001	No Effect
SB97-53-01		Inspection of Fuselage Station 205.812 Tailcone Bulkhead	7/1/1997	No Effect
SB98-53-01	1	Firewall Rivet Inspection	12/14/1998	No Effect
SB97-53-02	1	Lower Forward Doorpost Fastener Installation	11/30/1998	No Effect
SB02-53-02		Firewall Sealant Installation	12/16/2002	No Effect
SB98-53-02	2	Firewall Inspection and Cowl Mount Alignment	12/26/2000	No Effect
SB99-53-03		Elevator Control Yoke Roller Engagement Inspection/Modification	12/06/1999	No Effect

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Service Bulletin	Revision	Service Bulletin Title	Service Bulletin Date	Included In Manual
SB01-55-01		Elevator Balance Weight Attach Screw Inspection Modification	4/2/2001	No Effect
SB00-55-01		Rudder Attach Bolt Torque Inspection	4/10/2000	No Effect
SB98-55-01		Elevator Stop Bolt Bracket Nutplate and Horizontal Stabilizer Installation Inspection	7/6/1998	No Effect
SB04-55-01	1	Horizontal Stabilizer Attach Bolt Holes Inspection	Jun 20/2004	No Effect
SB99-55-01		Vertical Fin Aft Spar Inspection	3/29/1999	No Effect
SB98-55-02		Horizontal Stabilizer Inboard Skin Rivet Inspection	7/27/1998	No Effect
SB00-57-01		Flap Track and Wing Inboard Trailing Edge Inspection	7/31/2000	No Effect
SB98-57-01		Wing Strut Attach Bolts Nut Torque Inspection	6/1/1998	No Effect
SB05-57-01		Wing Trailing Edge Rib Inspection	Oct 10/2005	No Effect
SB02-61-01		Propeller Spinner and Bulkhead Inspection	1/21/2002	No Effect
SB02-61-02		Propeller Blade Inspection	12/16/2002	No Effect
SB00-61-02		Propeller Governor Control Cable Routing Modification	8/14/2000	No Effect
SB01-71-01		Engine Fuel Flow Divider Installation Modification	1/22/2001	No Effect
SB98-71-01		Forward Engine Baffle and Heat Shroud Modification	7/27/1998	No Effect
SB97-71-01	1	Alternate Air Door Hinge Assembly Replacement	7/27/1998	No Effect
SB03-71-01	0	Engine Fuel Supply System Modification	May 26/2003	No Effect
SB99-71-01	2	Engine Piston Pin Plug Wear Inspection	7/12/1999	No Effect
SB04-71-02		Engine Starter Inspection/Replacement	Nov 8/2004	No Effect
SB97-71-02		Engine Induction Drain Line Inspection	12/22/1997	No Effect
SB99-71-02		Engine Oil Filler Tube to Engine Mount Clearance	7/12/1999	No Effect
SB01-71-02		Engine Crankshaft Inspection	4/2/2001	No Effect
SB03-71-02	0	Fuel Injection Servo Inspection	May 26/2003	No Effect
SB98-71-02		Engine Air Filter Replacement	7/27/1998	No Effect
SB99-71-05		Engine Valve Seat Inspection	10/25/1999	No Effect
SB05-73-01		Engine Driven Fuel Pump Inspection	Mar 7/2005	No Effect
SB99-73-01	1	Engine Fuel Manifold Spring Replacement	9/30/2002	No Effect
SB00-73-01	2	Engine Fuel Injection Lines and Support Clamps Inspection	12/24/2001	No Effect
SB03-73-01	0	Throttle Arm Retention Inspection	Nov 4/2003	No Effect
SB01-73-01		Engine Driven Fuel Pump Inspection	5/28/2001	No Effect

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Service Bulletin	Revision	Service Bulletin Title	Service Bulletin Date	Included In Manual
SB04-73-01		Engine Fuel Injection Lines and Support Clamps Inspection	Aug 30/2004	No Effect
SB99-73-02		Engine Fuel Injector Unit Inspection	2/1/1999	No Effect
SB04-73-02		Engine Fuel Manifold Spring Replacement	Oct 11/2004	No Effect
SB01-74-01		Ignition Switch Center Ground Terminal Inspection	6/25/2001	No Effect
SB98-78-01		Engine Exhaust Muffler Inspection and Replacement	1/10/1998	No Effect
SB97-78-01		Engine Exhaust Riser Retention Nut Torque	2/2/1998	No Effect
SB00-79-01	1	Engine Low Oil Pressure Switch Replacement	1/31/2000	May 5/2003

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ENGINEERING APPROVED ABBREVIATIONS

Abbreviations

ADF
ASSY
AVN
BKR
CKT
CONT
COMM
DISC
DISTR
ELEC
GPS
HSI
LH
LT
MIC
NAV
OAT
REF
RF
RH
VAR

Expression

Automatic Direction Finder
Assembly
Avionics
Breaker
Circuit
Control
Communication
Disconnect
Distribution
Electrical
Global Positioning System
Horizontal Situation Indicator
Left Hand
Light
Microphone
Navigation
Outside Air Temperature
Reference (Used on Drawings)
Reference (Used on Parts Lists)
Right Hand
Variable

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SUPPLIER ADDRESS LIST

00779 TYCO ELECTRONICS CORP. 2800 Fulling Mill M/X 38-77 Middletown, PA 17057	13511 AMPHENOL CADRE DIV. BUNKER RAMO CORP. Los Gatos, CA
023K3 AEROQUIP CORP. AEROSPACE DIV. JACKSON PLANT 300 S. East Ave. Jackson, MI	18006 Electric Gyro Corp. P.O. Box 280 Spanish Fork, UT 84660
06090 RAYCHEM CORP. 300 Constitution Dr. Menlo Park, CA 94025-1111	1F242 PETSCHER A.E. CO., INC. 2112 W. Division Arlington, TX 76012
09353 C AND K COMPONENTS INC. 15 Riverdale Ave. Newton, MA 02158-1082	22373 ALLIED-SIGNAL INC. ELECTRONIC & AVIONIC SYSTEMS 23500 W. 105th St. 1 Technology Center Olathe, KS 66061
09445 DUKES, INC. 9060 Winnetka Ave. Northridge, CA 91324-3293	22863 KAVILCO CORP. 14501 Los Angeles Ave. Moorpark, CA 93021
0GZF3 HEADS UP TECHNOLOGIES INC. 8001 Lemmon Ave. Suite 276 Dallas, TX 75209	24444 GENERAL SEMICONDUCTOR INDUSTRIES, INC. SUBDIVISION OF SQUARE D CO. 2001 W. 10th Pl. Tempe, AZ
0MBZ4 AVT INC. DBA ELECTRITEK-AVT 400 EAST MINERAL Ave. Littleton, CO 80122-2604	26433 PARKER-HANNIFIN CORP. AIRBORNE DIV. 711 Taylor St. P.O. Box 4032 Elyria, OH 44036
0MXP2 TEMPREL INC. 206 Air Industrial Dr. P.O. Box 308 Boyne City, MI 49712	27264 MOLEX, INC. 2222 Wellington Ct. Lisle, IL 60532-1613
0TRC3 GARMIN INTERNATIONAL, INC. 1200 East 121st St. Olathe, KS 66062	28198 POSITRONIC INDUSTRIES, INC. 423 N Campbell St. P.O. Box 8247 Springfield, MO
10402 WHELEN ENGINEERING CO., INC. Rt. 145 Winthrop Road Chester, CT 06412	29907 OMEGA ENGINEERING, INC. One Omega Dr.. P.O. Box 4047 Stamford, CT 06907
11139 THE DEUTSCH CO. ENGINEERED CONNECTING DEVICES 36033 Wittier Ave. Hemet, CA 92545	

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- | | |
|--|--|
| <p>2B785 ALCOR AVIATION, INC.
12043 Colwick
San Antonio, TX 78216</p> <p>32890 LUMINESCENT SYSTEMS, INC.
4 Lucent Drive
Lebanon, NH 03766-1439</p> <p>33497 PRECISION WINDING, INC.
109 S. Knight
Wichita, KS 67213</p> <p>37942 NORTH AMERICAN CAPACITOR CO.
MALLORY DIV.
Indianapolis Rd. Hwy. 240
P.O. Box 273
Indianapolis, IN 46135</p> <p>49367 PYLE-NATIONAL CO.
DIV OF BRINTEC CORP.
1334 N. Kostner Ave.
Chicago, IL</p> <p>50541 HYPERTRONICS CORP.
16 Brent Dr.
Hudson, MA 01749-2904</p> <p>51351 COMANT INDUSTRIES, INC.
12920 Park St.
Santa Fe Springs, CA 93022</p> <p>57323 TRANS-CAL INDUSTRIES INC.
16141 Cohasset St.
Van Nuys, CA 91406</p> <p>63131 DAVTRON, INC.
427 Hillcrest Way
Redwood City, CA 94062-4012</p> <p>63836 ASTROTECH CORP.
10201 N. 21st St.
Phoenix, AZ 85021-1886</p> <p>65702 PRECISION AIRMOTIVE CORP.
Snohomish County Airport
3200 100th St. SW Suite E
Everett, WA 98204</p> <p>65907 AEROSPACE DISPLAY
SYSTEM, INC.
2321 Topaz Dr.
Hatfield, PA 19440-1936</p> | <p>72914 FL AEROSPACE CORP.
GRIMES DIV.
550 Rt. 55
P.O. Box 247
Urbana, OH 43078-1948</p> <p>74400 HOBBS DIV. STEWART-WARNER
CORP.
Yale Blvd. and Ash St.
Springfield, IL 67203</p> <p>76374 MECHANICAL PRODUCTS, INC.
SUBDIVISION OF SPRECKLES
INDUSTRIES, INC.
1824 River St.
P.O. Box 729
Jackson, MI 49204-1755</p> <p>77820 AMPHENOL CORP.
AMPHENOL AEROSPACE
40-60 Delaware St.
Sidney, NY 13838-1395</p> <p>81343 SOCIETY OF AUTOMOTIVE
ENGINEERS
400 Commonwealth Dr.
Warrendale, PA 15096</p> <p>81640 EATON CORP.
AEROSPACE AND COMMERCIAL
CONTROL DIV
2250 Whitfield Ave. E
Sarasota, FL 34243-9703</p> <p>82389 SWITCHCRAFT, INC.
SUBDIVISION OF RAYTHEON
5555 N. Elstron Ave.
Chicago, IL 60630-1314</p> <p>83564 WEMAC
DIV. OF PURITAN-BENNETT
18475 Pacific St.
Fountain Valley, CA 92708-7004</p> <p>91637 DALE ELECTRONICS, INC.
1122 23rd St.
P.O. Box 609
Columbus, NE 68601-3632</p> |
|--|--|

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OMAS OMNI ASSOCIATES INC.
8610 E 34th St. North
Wichita, KS 67226

S5416 NEW JAPAN RADIO CO., LTD.
MITSUYA TORANOMON BLDG.
22-14
TORANOMON 1 CHOME MINATO-KU
TOKYO JAPAN 105

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SUPPLIER'S PUBLICATION LIST

1. General

- A. Outlined below is a list of manufacturers publications of which most are available from the Cessna Aircraft Company , Citation Marketing Division.

NOTE: Publications with AF after the part number signify aerofiche.

Chapter 21 - Air Conditioning

Item	Publication Title	Manufacturer
Cabin Air Controller Cessna PN - <u>9912409-1</u> Vendor PN - <u>52770-001</u>	Component Maintenance Manual with Illustrated Parts List Publication PN - <u>S1477</u>	Sequa Corp. Kollsman Div. 220 Daniel Webster Highway Merrimack, NH 03054-4809

Chapter 32 - Landing Gear

Item	Publication Title	Manufacturer
Air Conditioning System	Freon Air Conditioning System Maintenance Data Publication PN - <u>TR-119</u>	Parker Refrigeration and Air Conditioning Div. 15 Depew Ave. Lyons, NY 14489

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LIST OF CHAPTERS

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20	Standard Practices - Airframe	Jan 20/2006
21	Air Conditioning	Jan 20/2006
22	Auto Flight	Jan 20/2006
23	Communications	Jan 20/2006
24	Electrical Power	Jan 20/2006
25	Equipment/Furnishings	Jan 20/2006
27	Flight Controls	Jan 20/2006
28	Fuel	Jan 20/2006
30	Ice and Rain Protection	Jan 20/2006
31	Indicating Recording Systems	Jan 20/2006
33	Lights	Jan 20/2006
34	Navigation	Jan 20/2006
37	Vacuum	Jan 20/2006
73	Engine Fuel And Control	Jan 20/2006
74	Ignition	Jan 20/2006
77	Engine Indicating	Jan 20/2006
79	Oil	Jan 20/2006
80	Starting	Jul 7/2004
91	Charts	Jan 20/2006

* Represents date of each chapter's List of Effective Pages which is applicable to manual revision date.

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NOMENCLATURE

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A

AIR DATA AND AHRS	34-10-01-01
ALTERNATOR SYSTEM	24-20-01-01
ALTERNATOR SYSTEM	24-20-01-02
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ANNUNCIATOR PANEL	31-50-01-01
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ANNUNCIATOR PANEL	31-50-01-03
ANNUNCIATOR PANEL	31-50-01-04
AUDIO SYSTEM	23-50-10-01
AUDIO SYSTEM	23-50-10-02
AUDIO SYSTEM	23-50-10-03
AUDIO SYSTEM	23-50-10-04
AUDIO SYSTEM	23-50-20-01
AUDIO SYSTEM	23-50-20-02
AUDIO SYSTEM	23-50-20-03
AUDIO SYSTEM	23-50-21-01
AUDIO SYSTEM	23-50-21-02
AUDIO SYSTEM	23-50-21-03
AUDIO SYSTEM	23-50-22-01
AUDIO SYSTEM	23-50-24-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-11-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-11-02
AVIONICS CIRCUIT BREAKER PANEL	24-62-11-03
AVIONICS CIRCUIT BREAKER PANEL	24-62-20-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-21-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-22-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-23-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-24-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-25-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-26-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-27-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-28-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-29-01
AVIONICS CIRCUIT BREAKER PANEL	24-62-30-01
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NOMENCLATURE - LOCATION

REFERENCE DESIGNATOR

A

ACTUATOR PITCH SERVO - Located in tailcone on left side.	UT300
ACTUATOR PITCH TRIM - Located in tailcone on left side.	UT300
ACTUATOR PITCH TRIM - Located in tailcone on left side.	UT301
ALTERNATOR 60 AMP - Located in nose on engine.	MN001
ALTIMETER - Located on inboard side of left instrument panel.	EI010
ALTIMETER RIGHT SECOND - Located on inboard side of left instrument panel.	EI023
ANTENNA COMM #1 - Located on top of cabin.	UC1001
ANTENNA COMM #1 - Located on top of vertical tail.	UF1002
ANTENNA COMM #2 - Located on bottom of cabin.	UC1007
ANTENNA GPS - Located on bottom of cabin.	UC1008
ANTENNA KA-44B ADF - Located on bottom of cabin left of center line.	UC600
ANTENNA MARKER BEACON - Below baggage compartment on lower cabin.	UF1000
ANTENNA MARKER BEACON - Below baggage compartment on lower cabin.	UF1001
ANTENNA NAVIGATION - Located on vertical tail.	UV1001
ANTENNA TRANSPONDER - Located on bottom of cabin.	UC1005
ANTENNA TRANSPONDER - Located on bottom of cabin.	UC1006
AUDIO PANEL - Located on center instrument panel.	UI517
AUDIO PANEL KMA-28 - Located on center instrument panel.	UI516

B

BALLAST LANDING LIGHT - In leading edge of left wing.	UL005
BALLAST TAXI LIGHT - In leading edge of left wing.	UL006
BATTERY - Located behind baggage compartment in tail.	UN002

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CAPACITOR ALTERNATOR - Located in nose compartment on alternator.	CN001
CAPACITOR DIMMING ASSEMBLY - On ZC001 Dimming Module Assembly on left side of cabin in sidewall.	CZ001
CAPACITOR DIMMING ASSEMBLY - On ZC001 Dimming Module Assembly on left side of cabin in sidewall.	CZ002
CAPACITOR DIMMING ASSEMBLY - On ZC001 Dimming Module Assembly on left side of cabin in sidewall.	CZ003
CAPACITOR DIMMING ASSEMBLY - On ZC001 Dimming Module Assembly on left side of cabin in sidewall.	CZ004
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CIRCUIT BREAKER ADC/AHRS - Pilots lower left instrument panel.	HI041
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CIRCUIT BREAKER ADF #1 - In avionics circuit breaker panel.	HI903
CIRCUIT BREAKER ALT FIELD - Pilots lower left instrument panel.	HI055
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CIRCUIT BREAKER AUDIO - Pilots lower left instrument panel.	HI049
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CIRCUIT BREAKER AUTOPILOT - In avionics circuit breaker panel.	HI916
CIRCUIT BREAKER AVIONICS - In electrical circuit breaker panel.	HI023
CIRCUIT BREAKER AVIONICS - In electrical circuit breaker panel.	HI024
CIRCUIT BREAKER AVIONICS 1 - Pilots lower left instrument panel.	HI058
CIRCUIT BREAKER AVIONICS 2 - Pilots lower left instrument panel.	HI059
CIRCUIT BREAKER AVIONICS FAN - In avionics circuit breaker panel.	HI106
CIRCUIT BREAKER AVIONICS FAN - In avionics circuit breaker panel.	HI906
CIRCUIT BREAKER BEACON LIGHT - In electrical circuit breaker panel.	HI004

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CIRCUIT BREAKER BEACON LIGHT - Pilots lower left instrument panel.	HI026
CIRCUIT BREAKER CABIN LIGHTS POWER - In electrical circuit breaker panel.	HI015
CIRCUIT BREAKER CABIN LIGHTS POWER - Pilots lower left instrument panel.	HI056
CIRCUIT BREAKER COMM 1 - Pilots lower left instrument panel.	HI039
CIRCUIT BREAKER COMM 2 - Pilots lower left instrument panel.	HI050
CIRCUIT BREAKER FLAPS - In electrical circuit breaker panel.	HI007
CIRCUIT BREAKER FLAPS - Pilots lower left instrument panel.	HI054
CIRCUIT BREAKER FUEL PUMP - In electrical circuit breaker panel.	HI012
CIRCUIT BREAKER FUEL PUMP - Pilots lower left instrument panel.	HI025
CIRCUIT BREAKER GPS - In avionics circuit breaker panel.	HI102
CIRCUIT BREAKER GPS - In avionics circuit breaker panel.	HI902
CIRCUIT BREAKER GYRO - In avionics circuit breaker panel.	HI911
CIRCUIT BREAKER IGNITION - In electrical circuit breaker panel.	HI030
CIRCUIT BREAKER INSTRUMENTS - In electrical circuit breaker panel.	HI009
CIRCUIT BREAKER INTERIOR LIGHTS - In electrical circuit breaker panel.	HI003
CIRCUIT BREAKER LANDING LIGHT - In electrical circuit breaker panel.	HI001
CIRCUIT BREAKER LANDING LIGHT - Pilots lower left instrument panel.	HI027
CIRCUIT BREAKER MFD - Pilots lower left instrument panel.	HI052
CIRCUIT BREAKER NAV 1/ENG - Pilots lower left instrument panel.	HI038
CIRCUIT BREAKER NAV 1/ENG - Pilots lower left instrument panel.	HI040
CIRCUIT BREAKER NAV 2 - Pilots lower left instrument panel.	HI051
CIRCUIT BREAKER NAV LIGHT - Pilots lower left instrument panel.	HI029
CIRCUIT BREAKER NAV/COMM #1 - In avionics circuit breaker panel.	HI100
CIRCUIT BREAKER NAV/COMM #1 - In avionics circuit breaker panel.	HI101
CIRCUIT BREAKER NAV/COMM #1 - In avionics circuit breaker panel.	HI900
CIRCUIT BREAKER NAV/COMM #2 - In avionics circuit breaker panel.	HI901
CIRCUIT BREAKER NAVIGATION LIGHT - In electrical circuit breaker panel.	HI002
CIRCUIT BREAKER PANEL LIGHTS - Pilots lower left instrument panel.	HI053
CIRCUIT BREAKER PFD - Pilots lower left instrument panel.	HI036
CIRCUIT BREAKER PFD - Pilots lower left instrument panel.	HI042
CIRCUIT BREAKER PITOT HEAT - In electrical circuit breaker panel.	HI006
CIRCUIT BREAKER PITOT HEAT - Pilots lower left instrument panel.	HI032
CIRCUIT BREAKER POWER JUNCTION BOX - Located in nose compartment in Junction Box on left firewall.	F1
CIRCUIT BREAKER POWER JUNCTION BOX - Located in nose compartment in Junction Box on left firewall.	F2
CIRCUIT BREAKER POWER JUNCTION BOX - Located in nose compartment in Junction Box on left firewall.	F3
CIRCUIT BREAKER STANDBY BATTERY - Pilots lower left instrument panel.	HI034
CIRCUIT BREAKER STANDBY IND LIGHTS - Pilots lower left instrument panel.	HI035
CIRCUIT BREAKER STROBE LIGHT - In electrical circuit breaker panel.	HI005
CIRCUIT BREAKER STROBE LIGHTS - Pilots lower left instrument panel.	HI031
CIRCUIT BREAKER TAXI LIGHT - In electrical circuit breaker panel.	HI013
CIRCUIT BREAKER TAXI LIGHT - Pilots lower left instrument panel.	HI028
CIRCUIT BREAKER TRANSPONDER - In avionics circuit breaker panel.	HI104
CIRCUIT BREAKER TRANSPONDER - In avionics circuit breaker panel.	HI904
CIRCUIT BREAKER TURN COORDINATOR - In electrical circuit breaker panel.	HI008
CIRCUIT BREAKER WARNING - In electrical circuit breaker panel.	HI022
CIRCUIT BREAKER WARNING - Pilots lower left instrument panel.	HI057
CIRCUIT BREAKER WING LEVELER - In avionics circuit breaker panel.	HI105
CIRCUIT BREAKER XPDR - Pilots lower left instrument panel.	HI048
COMPUTER AUTO PILOT - Located in audio panel.	UI303

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CONNECTOR - Connects to FI007 Glareshield Light located behind instrument panel.	PI027
CONNECTOR - Connects to UI512 Nav/Comm Unit located in audio panel.	PI512
CONNECTOR - Connects to UR001 Strobe Light Power Supply located in right wing tip.	JR004
CONNECTOR - Disconnect for EI002 Clock connector located behind the left instrument panel.	JI004
CONNECTOR - Disconnect for FL003 Navigation Light located in left wing tip.	JL003
CONNECTOR - Disconnect for FV002/FV003 Flashing Beacon located in vertical tail.	JV004
CONNECTOR - Disconnect for HI105 Wing Leveler Circuit Breaker behind instrument panel on left side.	JZ900
CONNECTOR - Disconnect for right wing located on rib in right wing root.	JR001
CONNECTOR - Disconnect for UI006 Oil Pressure Transducer located in nose on top of engine.	JN004
CONNECTOR - Disconnect for UL001 Strobe Light Power Supply located in left wing tip.	JL005
CONNECTOR - Disconnect for Vertical Tail located at base of rudder.	JV001
CONNECTOR - Ground for Avionics Cooling Fans located behind instrument panel.	PF903
CONNECTOR - Left wing electrical disconnect located at left wing root.	JL002
CONNECTOR - Located in cabin below instrument panel.	PC022
CONNECTOR - Located in Power Junction Box in left side of nose on firewall.	P4
CONNECTOR - Vertical tail disconnect for Flashing Beacon located in base of vertical tail.	JV005
CONNECTOR ADF ANTENNA DISCONNECT - Connects to ADF Antenna located on bottom of fuselage.	PC600
CONNECTOR AIRSPEED INDICATOR - Disconnect for EI008/EI026 Airspeed Indicator located behind the instrument panel.	JI009
CONNECTOR AIRSPEED INDICATOR - Located behind Pilots instrument panel	PI009
CONNECTOR ALTIMETER - Located behind Pilots instrument panel	PI011
CONNECTOR ALTIMETER DISCONNECT - Disconnect for EI010/EI028 Altimeter Indicator located behind the instrument panel.	JI011
CONNECTOR ALTIMETER DISCONNECT - Disconnect for EI023 Altimeter Indicator located behind left instrument panel.	JI024
CONNECTOR AMMETER/VACUUM - Disconnect for EI012 Ammeter/Vacuum Indicator located behind left instrument panel.	JI019
CONNECTOR ANNUNCIATOR DISCONNECT - Connects to UI005 Annunciator Panel located behind the instrument panel.	JI006
CONNECTOR ANNUNCIATOR SWITCH DISCONNECT - Connects to SI003 Annunciator Test/Dim Switch located behind center instrument panel.	PC014
CONNECTOR ANNUNCIATOR TEST/DIM SWITCH - Located behind center instrument panel.	JC015
CONNECTOR ANNUNCIATOR TEST/DIM SWITCH DISCONNECT - Located behind center instrument panel.	JC014
CONNECTOR ANNUNCIATOR TEST/DIMMING - Connects to SI004 Annunciator Test/Dim Switch located behind center instrument panel.	PC015
CONNECTOR AUDIO PANEL - Connector to audio panel	PI531
CONNECTOR AUDIO PANEL - Connects to audio panel	PI532
CONNECTOR AUDIO PANEL - Connects to UI509 Audio Panel located in center instrument panel.	PI509
CONNECTOR AUDIO PANEL DISCONNECT - Connects to UI516 Nav/Comm Unit located in audio panel.	PI516
CONNECTOR AUDIO PANEL DISCONNECT - Connects to UI517 Nav/Comm Unit located in audio panel.	PI517
CONNECTOR AUTOPILOT COMPUTER DISCONNECT - Connects to UI304 Autopilot Computer located behind audio panel.	PI304
CONNECTOR AVIONICS CIRCUIT BREAKER PANEL - Connects to Avionics Circuit Breaker Panel located in lower instrument panel.	PI901

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT - Circuit breaker panel disconnect located behind circuit breaker panel on left side.	PC012
CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT - Located in instrument panel.	JC012
CONNECTOR AVIONICS COOLING FAN - Located behind instrument panel.	PC901
CONNECTOR AVIONICS COOLING FAN DISCONNECT - Disconnect for Avionics Cooling Fan located behind left instrument panel.	J1901
CONNECTOR AVIONICS FLAP ACTUATOR DISCONNECT - Connects to JR007 Avionics Flap Actuator disconnect located in right wing.	PR007
CONNECTOR AVIONICS FLAP ACTUATOR DISCONNECT - Disconnect for Avionics Flap Actuator located in right wing near root.	JR007
CONNECTOR AVIONICS/ELECTRICAL DISCONNECT - Avionics/Electrical disconnect behind instrument panel.	JC007
CONNECTOR AVIONICS/ELECTRICAL DISCONNECT - Avionics/Electrical disconnect behind instrument panel.	PC007
CONNECTOR AVN CB PANEL DISC - Pilots lower left instrument panel.	PC023
CONNECTOR BEACON LIGHT DISCONNECT - Connects to JV004 Beacon Light disconnect located in top of vertical tail.	PV004
CONNECTOR C/B SWITCH PANEL DISC - Pilots lower left instrument panel.	PC025
CONNECTOR CABIN EQUIPMENT POWER INTERFACE - Located in cabin below instrument panel.	JC008
CONNECTOR CABIN EQUIPMENT POWER INTERFACE - Located in cabin below instrument panel.	JC022
CONNECTOR CABIN POWER - In pedestal.	JC009
CONNECTOR CABIN POWER INTERFACE PEDESTAL DISCONNECT - In cabin located behind instrument panel.	PC009
CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT - Disconnect for left instrument panel located behind left instrument panel.	J1012
CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT - Disconnect for the center instrument panel located behind the center instrument panel.	J1012
CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT - Disconnect for the center instrument panel located behind the center instrument panel.	J1012A
CONNECTOR CENTER PANEL DISCONNECT - Located behind center instrument panel when 2nd Altimeter option is used.	P1012A
CONNECTOR CENTER PANEL DISCONNECT - Located behind center instrument panel.	P1012
CONNECTOR CIRCUIT BREAKER PANEL - Circuit breaker panel disconnect located behind circuit breaker panel on left side.	JC023
CONNECTOR CIRCUIT BREAKER PANEL - Circuit breaker panel disconnect located behind circuit breaker panel on left side.	PC010
CONNECTOR CIRCUIT BREAKER PANEL - Disconnect for Electrical Circuit Breaker Panel located in cabin behind instrument panel.	PC001
CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT - Disconnect for electrical circuit breaker panel located behind instrument panel.	JC001
CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT - Disconnect for electrical circuit breaker panel located behind instrument panel.	JC010
CONNECTOR CLOCK - Disconnect for EI019 Clock/Oat Indicator located behind left instrument panel.	J1021
CONNECTOR CLOCK DISCONNECT - Located behind left instrument panel on outboard side.	P1004
CONNECTOR COAX, PART OF ECS CABLE 500-96273-00 - Connected to datalink antenna.	PC1009
CONNECTOR COAX, PART OF ECS CABLE 500-96273-00 - connected to datalink computer	PT1028
CONNECTOR COMM #1 ANTENNA - Connects to UC1001 Comm #1 Antenna located under fuselage on bottom skin of airplane.	PC1001
CONNECTOR COMM #1 ANTENNA COAX DISCONNECT - Connects to UF1002 Comm #1 Antenna located under fuselage on bottom skin of airplane.	PF1002
CONNECTOR COMM #2 ANTENNA - Connects to UC1002 Comm #2 Antenna located under fuselage on bottom skin of airplane.	PC1002
CONNECTOR COMM #2 ANTENNA COAX DISCONNECT - Connects to UC1007 Comm #2 Antenna located under fuselage on bottom skin of airplane.	PC1007
CONNECTOR COMM 1 ANTENNA - Connects to GS#1 on Antenna Coupler behind instrument panel.	P11003

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
CONNECTOR COMPASS - Located on support above glareshield.	PC003
CONNECTOR COMPASS LIGHT DISCONNECT - Above glareshield in cockpit.	JC003
CONNECTOR CONFIGURATION MODULE DISCONNECT - Connects to UI305 Configuration Module located behind left instrument panel.	PI305
CONNECTOR COPILOT'S CONTROL WHEEL - Disconnect for Copilot's Control Wheel located behind right instrument panel.	JI504
CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT - Disconnect for Copilot's Control Wheel located behind right instrument panel.	JI513
CONNECTOR COURTESY LIGHT - Disconnect for FL004 and FR002 Courtesy Lights.	J1
CONNECTOR COURTESY LIGHT GROUND DISCONNECT - Disconnect for Courtesy Lights.	J2
CONNECTOR CURRENT SENSE DISCONNECT - Located in Power Junction Box in left side of nose on firewall.	J4
CONNECTOR DIMMING CONTROL MODULE - Disconnect for Dimming Control Module located behind right instrument panel on outboard side.	JC005
CONNECTOR DIMMING CONTROL MODULE - Disconnect for Dimming Control Module located behind right instrument panel on outboard side.	JI003
CONNECTOR DIMMING CONTROL MODULE DISCONNECT - Disconnect for Dimming Control Module located behind right instrument panel on outboard side.	PC005
CONNECTOR DIMMING MODULE DISCONNECT - Cabin overhead.	JI026
CONNECTOR DIRECTIONAL GYRO - Disconnect for EI007 Directional Gyro located behind the left instrument panel.	JI007
CONNECTOR DIRECTIONAL GYRO DISCONNECT - Connects to UI302 Directional Gyro located in left instrument panel.	PI302
CONNECTOR EGT PROBE ASSEMBLY - Connects to UN005 EGT Probe located in the nose compartment on bottom right side of engine..	PN006
CONNECTOR EGT/FUEL FLOW INDICATOR - Disconnect for EI014/EI024 EGT/CHT Indicator located behind left instrument panel.	JI017
CONNECTOR ELT PANEL DISCONNECT - Instrument panel disconnect for ELT Switch/Indicator located behind right instrument panel.	JZ906
CONNECTOR ELT TRANSMITTER DISCONNECT - Connects to UT900 ELT Transmitter located in tail.	PT900
CONNECTOR ENCODING ALTIMETER - Located behind instrument panel on right side of cabin.	PC800
CONNECTOR ENTERTAINMENT AUDIO JACK - Located in passenger compartment on side panel.	PC522
CONNECTOR EXTERNAL POWER RECEPTACLE - In Junction Box on left side of nose on firewall.	J3
CONNECTOR FLAP ACTUATOR ASSEMBLY - Connects to JR005 Flap Actuator Disconnect located in right wing.	PR005
CONNECTOR FLAP ACTUATOR ASSEMBLY - Disconnect for Flap Actuator located in right wing near wing root.	JR022
CONNECTOR FLAP ACTUATOR DISCONNECT - Disconnect for Flap Actuator located in right wing near wing root.	JR005
CONNECTOR FLAP ACTUATOR GROUND DISCONNECT - Connects to JR022 Flap Actuator Disconnect located in right wing.	PR022
CONNECTOR FLAP INDICATOR ASSEMBLY - Disconnect for Flap Handle located behind lower instrument panel on right side.	PI001
CONNECTOR FLAP INDICATOR ASSEMBLY - Disconnect for Flap Select Handle located behind the center instrument panel.	JI001
CONNECTOR FLAP MOTOR ASSY - Disconnect for Flap Motor located in right wing near wing root.	JR006
CONNECTOR FLAP MOTOR DISCONNECT - Connects to MR001 Flap Motor located in right wing.	PR006
CONNECTOR FLUX TRANSMITTER - Connects to UL301 Flux Transmitter located in left wing.	PL301
CONNECTOR FLUX TRANSMITTER - Disconnect for Flux Detector located in left wing near wing root.	JM300
CONNECTOR FUEL PRESSURE TRANSDUCER - Disconnect for the Fuel Pressure Transducer located in nose on top of engine.	JN001
CONNECTOR FUEL QUANTITY INDICATOR - Disconnect for EI011 Fuel Quantity Indicator located behind left instrument panel.	JI013
CONNECTOR GLARESHIELD LIGHT - Disconnect for Glareshield Lights behind instrument panel.	J2

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
CONNECTOR GLARESHIELD LIGHT POWER SUPPLY - Disconnect for UI001 Glareshield Light Power Supply located behind instrument panel on far left side.	J1032
CONNECTOR GLIDESLOPE ANTENNA - Connects to PI502 Nav/Comm Unit located behind audio panel.	PI1002
CONNECTOR GPS RECEIVER - Connects to UI701 GPS Receiver located in audio panel.	PI701
CONNECTOR GPS RECEIVER - GPS Antenna coax disconnect located behind audio panel.	PI1011
CONNECTOR GPS RECEIVER/TRANSPONDER COAX - Connects to PI800 Transponder located behind Audio Panel.	PI1001
CONNECTOR GROUND - Ground for Copilot's Control Wheel located behind instrument panel on right side of cabin.	PF900
CONNECTOR GROUND - Ground for PI301 Turn Coordinator located behind instrument panel.	PF901
CONNECTOR GROUND - Ground for PI307 Turn Coordinator located behind instrument panel.	PF902
CONNECTOR GROUND - Located behind instrument panel.	GI001
CONNECTOR GROUND - Located in vertical tail near tail navigation light.	GV001
CONNECTOR GROUND - Located on left wing tip.	GL001
CONNECTOR GROUND - Right navigation ground located on right wing tip.	GR002
CONNECTOR HORIZON GYRO - Disconnect for EI009 Horizon Gyro located behind the instrument panel.	J1010
CONNECTOR HORIZONTAL GYRO - Located behind Pilots instrument panel	PI010
CONNECTOR HORIZONTAL SITUATION INDICATOR - Connects to UI308 located behind left instrument panel near Horizontal Situation Indicator.	PI308
CONNECTOR HORIZONTAL SITUATION INDICATOR - Connects to UI309 located behind left instrument panel near Horizontal Situation Indicator.	PI309
CONNECTOR HSI - Located behind instrument panel.	PI007
CONNECTOR INSTRUMENT PANEL DISCONNECT - Disconnect for right instrument panel located behind right instrument panel.	JZ905
CONNECTOR KI208 INDICATOR DISCONNECT - Connects to UI601 KI208 Indicator located in audio panel.	PI601
CONNECTOR KI-209 INDICATOR DISCONNECT - Connects to UI600 KI209 Indicator located in audio panel.	PI600
CONNECTOR KI209 INDICATOR DISCONNECT - Connects to UI605 KI209 Indicator located in audio panel.	PI605
CONNECTOR KI209A INDICATOR DISCONNECT - Connects to UI604 ADF Indicator located in right side of left instrument panel.	PI604
CONNECTOR KI-227 ADF INDICATOR DISCONNECT - Connects to UI603 ADF Indicator located in right side of left instrument panel.	PI603
CONNECTOR KIT - connected to datalink computer	PT500
CONNECTOR KIT - Connected to MFD	PI312
CONNECTOR KIT - connects to AHRS	PT314
CONNECTOR KIT - connects to air data computer	PT318
CONNECTOR KIT - In leading edge of left wing.	PL010
CONNECTOR KIT - In leading edge of left wing.	PL011
CONNECTOR KIT AUDIO PANEL - Connects to UI507 Audio Panel located in audio panel.	PI507
CONNECTOR KIT AUDIO PANEL - Connects to UI508 Audio Panel located in center instrument panel.	PI508
CONNECTOR KIT DIRECTIONAL GYRO DISCONNECT - Connects to UT302 Directional Gyro Unit located behind baggage compartment in tail.	PT302
CONNECTOR KIT JUNCTION BOX DISCONNECT - Located in Junction Box in left side of nose.	PB019
CONNECTOR KIT JUNCTION BOX DISCONNECT - Located under Junction Box on left side of nose.	PB017
CONNECTOR KIT JUNCTION BOX DISCONNECT - Located under Junction Box on left side of nose.	PB018
CONNECTOR KIT MFD - Connects to MFD located behind instrument panel.	PI406
CONNECTOR KIT OIL PRESSURE SWITCH - Disconnect for SN001 Oil Pressure Switch located in nose on top of engine.	JN005
CONNECTOR KLN-89B GPS RECEIVER DISCONNECT - Connects to UI700 GPS Receiver located in center instrument panel.	PI700

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
CONNECTOR KR-87 ADF COAX - Disconnect for ADF Unit located behind audio panel.	PI1008
CONNECTOR KR-87 ADF DISCONNECT - Connects to UI602 ADF Indicator located in right side of left instrument panel.	PI602
CONNECTOR KX-155 NAV/COMM #2 - Connects to UI503 Audio Panel located in center instrument panel.	PI503
CONNECTOR KX155A NAV/COMM COAX DISCONNECT - Comm Antenna disconnect located behind left instrument panel.	PI1007
CONNECTOR KX155A NAV/COMM COAX DISCONNECT - Connects to PI502 Nav/Comm Unit located behind audio panel.	PI1000
CONNECTOR KX155A NAV/COMM DISCONNECT - Connects to UI510 Nav/Comm Unit located in audio panel.	PI510
CONNECTOR KX155A NAV/COMM DISCONNECT - Connects to UI511 Nav/Comm Unit located in audio panel.	PI511
CONNECTOR KX155A NAV/COMM DISCONNECT COAX - Coax disconnect for Nav/Comm Unit located behind left instrument panel.	PI1004
CONNECTOR LEFT COURTESY LIGHT DISCONNECT - Connects to J1 Left Courtesy Light disconnect located in left wing tip.	PL004
CONNECTOR LEFT COURTESY LIGHT GROUND DISCONNECT - Connects to J2 Left Courtesy Light Disconnect located in left wing tip.	PL020
CONNECTOR LEFT NAVIGATION LIGHT - Connects to FL003 Left Navigation Light located in left wing tip.	PL003
CONNECTOR LEFT STROBE LIGHT POWER SUPPLY DISCONNECT - Connects to UL001 Left Strobe Light Power Supply disconnect located in left wing tip.	PL005
CONNECTOR LEFT WING DISCONNECT - Connects to UL002 Left Fuel Transmitter located at the left wing disconnect in wing root.	PL002
CONNECTOR LEFT WING DISCONNECT - Left wing disconnect located in left wing root.	PM300
CONNECTOR LIGHTING BUS DISCONNECT - Connects to Lighting Bus located behind audio panel.	PI900
CONNECTOR MARKER BEACON ANTENNA - connects to Marker Beacon antenna.	PF1001
CONNECTOR MARKER BEACON ANTENNA - Connects to UF1000 Marker Beacon Antenna located on bottom of fuselage.	PF1000
CONNECTOR MARKER BEACON ANTENNA DISCONNECT - Connects to UF1001 Marker Beacon Antenna located on bottom of fuselage.	PF1001
CONNECTOR NAV 1 ANTENNA COUPLER - Coax disconnect for UI1003 Nav/Comm Coupler located behind left instrument panel.	PI1005
CONNECTOR NAV COUPLER DISCONNECT - Disconnect for UI1003 Navigation Antenna Coupler located behind left instrument panel.	PI1010
CONNECTOR NAV UNIT ANTENNA DISCONNECT - Disconnect for Nav Antenna located behind audio panel.	PI1009
CONNECTOR NAV/COMM ANTENNA COAX DISCONNECT - Connects to UC1008 Nav/Comm antenna located under fuselage on bottom skin of airplane.	PC1008
CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT - Coax disconnect for UI1003 Nav/Comm Coupler located behind left instrument panel.	PI1006
CONNECTOR NAV/COMM KX-155 DISCONNECT - Connects to UI501 Nav/Comm Unit located in audio panel.	PI501
CONNECTOR NAV/COMM KX-155 DISCONNECT - Connects to UI502 Nav/Comm Unit located in audio panel.	PI502
CONNECTOR NAV/GPS SWITCH ANNUNCIATOR - Connects to UI702 Nav/GPS Switch located in center instrument panel.	PI702
CONNECTOR NAV/GPS SWITCH ANNUNCIATOR - Connects to UI703 Nav/GPS Switch located in center instrument panel.	PI703
CONNECTOR NAVIGATION ANTENNA COAX - Connects to UV1001 Navigation Antenna located in top of vertical tail.	PV1001
CONNECTOR NAVIGATION CONVERTER - Connects to UT303 Navigation Converter located in tail.	PT303
CONNECTOR NAVIGATION LIGHT - Connects to FV001 Vertical Tail Navigation Light located in top of vertical tail.	PV002

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
CONNECTOR NAVIGATION LIGHT - Disconnect for FR001 Navigation Lights in right wing tip.	JR002
CONNECTOR NAVIGATION LIGHT - Disconnect for Navigation Lights located in base of rudder.	JV002
CONNECTOR OIL TEMPERATURE/OIL PRESSURE INDICATOR - Disconnect for EI011 Oil Temperature/Oil Pressure Indicator located behind the left instrument panel.	J1015
CONNECTOR OVERHEAD CONSOLE DISCONNECT - Located in overhead console in cabin.	JC011
CONNECTOR OVERHEAD CONSOLE DISCONNECT - Located in overhead console in cabin.	PC011
CONNECTOR OVERHEAD DISCONNECT - Cabin overhead.	JC035
CONNECTOR OVERHEAD DISCONNECT - Cabin overhead.	JC036
CONNECTOR OVERHEAD DISCONNECT - Cabin overhead.	PC035
CONNECTOR OVERHEAD DISCONNECT - Cabin overhead.	PC036
CONNECTOR PART OF NZ001 - Pilots Control Panel.	J1
CONNECTOR PEDESTAL DISCONNECT - Disconnect for Pedestal Light located behind instrument panel.	PC004
CONNECTOR PEDESTAL LIGHT DISCONNECT - Connects to FI003 pedestal light.	JC004
CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT - Disconnect for Pilot's Control Wheel located behind left instrument panel.	J1505
CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT - Disconnect for Pilot's Control Wheel located behind left instrument panel.	J1506
CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT - Disconnect for Pilot's Control Wheel located behind left instrument panel.	J1514
CONNECTOR PITCH TRIM ACTUATOR - Connects to UT300 Pitch Trim Actuator located in tail.	PT300
CONNECTOR PITCH TRIM ACTUATOR - Connects to UT301 Pitch Trim Actuator located in tail.	PT301
CONNECTOR PITOT HEATER - Disconnect for TL001 Pitot Heater located in left wing near wing root.	JL006
CONNECTOR PITOT HEATER DISCONNECT - Connects to TL001 Pitot Heat located in left wing tip.	PL006
CONNECTOR PITOT HEATER DISCONNECT - Connects to TL001 Pitot Heat located in left wing tip.	PL007
CONNECTOR PITOT HEATER GROUND DISCONNECT - Disconnect for TL001 Pitot Heater ground located near left wing root.	JL007
CONNECTOR POWER CONVERTER - Disconnect for U1 Power Converter.	J1
CONNECTOR POWER CONVERTER DISCONNECT - Connects to J1 Power Converter Disconnect located in tail.	PT001
CONNECTOR POWER JUNCTION BOX - Disconnect for Junction Box in nose on left side of firewall.	J1
CONNECTOR POWER JUNCTION BOX - Disconnect for Junction Box in nose on left side of firewall.	J2
CONNECTOR RELAY SWITCHING UNIT - Connects to UI704 Relay Switching Unit located in right instrument panel.	PI704
CONNECTOR RELAY SWITCHING UNIT - Connects to UI705 Relay Switching Unit located in right instrument panel.	PI705
CONNECTOR RIGHT COURTESY LIGHT DISCONNECT - Connects to J1 Right Courtesy Light disconnect located in right wing tip.	PR003
CONNECTOR RIGHT COURTESY LIGHT GROUND DISCONNECT - Connects to J2 Right Courtesy Light disconnect located in right wing tip.	PR020
CONNECTOR RIGHT NAVIGATION LIGHT DISCONNECT - Connects to FR001 Right Navigation Light located in right wing root.	PR002
CONNECTOR RIGHT STROBE LIGHT POWER SUPPLY - Connects to UR001 Right Strobe Light Power Supply located in right wing tip.	PR004
CONNECTOR RIGHT WING DISCONNECT - Connects to JR001 Right Wing Disconnect located in right wing root.	PR001
CONNECTOR RIGHT WING DISCONNECT - Disconnect in leading edge of right wing near wing root.	JS300
CONNECTOR ROLL SERVO ACTUATOR - Connects to JS300 Roll Servo Actuator Wing disconnect located in right wing near root.	PS300
CONNECTOR ROLL SERVO ACTUATOR - Connects to UR300 Roll Servo Actuator located in right wing.	PR300
CONNECTOR ROLL SERVO ACTUATOR - Connects to UR300 Roll Servo Actuator located in right wing.	PR301
CONNECTOR RS-232 INTERFACE - Located under instrument panel.	PI306

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
CONNECTOR SLAVING ACCESSORY - Connects to UI310 located behind left instrument panel.	PI310
CONNECTOR SLAVING ACCESSORY - Connects to UI311 Slaving Accessory located behind left instrument panel.	PI311
CONNECTOR STANDBY BATTERY PCB DISCONNECT - Pilots Control Panel	PI036
CONNECTOR SUPPLIED WITH VENDOR ASSEMBLY - Strobe light disconnect.	P1
CONNECTOR SUPPLIED WITH VENDOR LIGHT ASSEMBLY - Disconnect for UI001 Power Supply located behind instrument panel.	P1
CONNECTOR SUPPLIED WITH VENDOR POWER SUPPLY KIT - Disconnect for UL001 Strobe Light Power Supply.	J1
CONNECTOR SWITCH PANEL - Located behind instrument panel.	PC026
CONNECTOR SWITCH PANEL DISCONNECT - Located behind pilots switch panel, lower left side.	JC037
CONNECTOR SWITCH PANEL DISCONNECT - Located behind switch panel.	JC026
CONNECTOR SWITCH/INDICATOR PANEL DISCONNECT - Connects to JZ905 ELT Switch/Indicator disconnect located in right instrument panel.	PZ905
CONNECTOR SWITCH/INDICATOR PANEL DISCONNECT - Connects to JZ906 ELT Switch/Indicator disconnect located in right instrument panel.	PZ906
CONNECTOR TACHOMETER - Disconnect for EI005/EI026 Tachometer located behind the left instrument panel.	JI014
CONNECTOR TACHOMETER - Located behind Pilot's instrument panel	PI016
CONNECTOR TRANSPONDER ANTENNA COAX - Disconnect for UC1005 Transponder Antenna located under fuselage on bottom skin of airplane.	PC1005
CONNECTOR TRANSPONDER ANTENNA COAX - Disconnect for UC1005 Transponder Antenna located under fuselage on bottom skin of airplane.	PC1006
CONNECTOR TRANSPONDER DISCONNECT - Connects to UI800 KT-76C Transponder located in audio panel.	PI800
CONNECTOR TURN COORDINATOR - Connects to UI301 Turn Coordinator located behind left instrument panel.	PI301
CONNECTOR TURN COORDINATOR - Disconnect for EI004 Turn Coordinator located behind the instrument panel.	JI008
CONNECTOR TURN COORDINATOR - Located behind Pilots instrument panel	PI008
CONNECTOR TURN COORDINATOR DISCONNECT - Connects to UI307 located behind left instrument panel near Turn Coordinator Indicator.	PI307
CONNECTOR VERTICAL SPEED INDICATOR - Disconnect for EI006 Vertical Speed Indicator located behind left instrument panel.	JI016
CONNECTOR VERTICAL SPEED INDICATOR - Located behind Pilot's instrument panel	PI014
CONNECTOR VERTICAL TAIL - Disconnect for Navigation Antenna in vertical tail.	JV1000
CONNECTOR VERTICAL TAIL COAX DISCONNECT - Connects to JV1000 Vertical Tail Nav/Comm Antenna Coax disconnect located in base of vertical tail.	PV1000
CONNECTOR VERTICAL TAIL COAX DISCONNECT - Connects to JV1002 Vertical Tail Navigation Antenna Coax located in base of vertical tail.	PV1002
CONNECTOR VERTICAL TAIL DISCONNECT - Connects to JV005 Vertical Tail disconnect located in base of vertical tail.	PV005
CONNECTOR VERTICAL TAIL NAVIGATION LIGHT DISCONNECT - Connects to JV001 Vertical Tail Navigation Light located in base of vertical tail.	PV001
CONNECTOR WING LEVELER COMPUTER - Connects to UI303 Wing Leveler Computer located behind audio panel.	PI303
CONNECTOR WING LEVELER COMPUTER DISCONNECT - Disconnect for UI300 Wing Leveler Computer located behind audio panel.	PI300
CONNECTOR WING LEVELER DISCONNECT - Connects to HI105 Wing Leveler Circuit Breaker located behind left instrument panel.	PZ900
CONTROL UNIT ALTERNATOR - Located in Power Junction Box in left side of nose on firewall.	ACU
CONVERTER NAV - Located behind baggage compartment.	UT303
COOLING FAN - Forward of left instrument panel.	UC901
COUPLER NAV ANTENNA - Located behind pilot's side panel on left side of cabin.	UI1003

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
D	
DIODE - 28 Volt Lighting Diode located on left instrument panel behind HSI Indicator.	DI300
DIODE - Behind Pilots instrument panel	DI005
DIODE - In electrical circuit breaker panel.	DI001
DIODE - In electrical circuit breaker panel.	DI002
DIODE - Located behind Audio Panel.	DI100
DIODE - Located behind Audio Panel.	DI101
DOME LIGHT ASSEMBLY - Cabin overhead	FC002
DOME LIGHT ASSEMBLY - Cabin overhead	FC003
DOME LIGHT ASSEMBLY - Cabin overhead	FC005
DOME LIGHT ASSEMBLY - On aft end of overhead console.	FC005
DOME LIGHT ASSEMBLY - On forward left side of overhead console.	FC002
DOME LIGHT ASSEMBLY - On forward right side of overhead console.	FC003
E	
ENCODING ALTIMETER - Forward of right instrument panel outboard side.	UC800
F	
FLAP MOTOR ASSEMBLY - Located in right wing by flaps.	MR001
FLUX DETECTOR - Located in left wing.	UL301
FUEL PUMP - Below cockpit floor board near forward firewall.	UF005
FUSE POWER JUNCTION BOX - Located in nose compartment in Junction Box on left firewall.	F2
FUSE POWER JUNCTION BOX - Located in nose compartment, inside Junction Box on left firewall.	F1
G	
GAGE TURN COORDINATOR - Located in left instrument panel.	UI301
GROUND - Located behind audio panel.	GL100
GROUND SUPPLIED WITH VENDOR MAGNETO ASSEMBLY - Left magneto ground located on magneto case.	GN004
GROUND SUPPLIED WITH VENDOR MAGNETO ASSEMBLY - Right magneto ground located on engine.	GN005
GROUND STUD - Ground for Flap Actuator located in right wing tip.	GR010
GROUND STUD - Located behind audio panel.	GS309
GROUND STUD - Located in left wing near pitot heat.	GL010
GROUND STUD - Located in tail near Pitch Servo.	GS308
GROUND STUD - Located near Glareshield Power Supply behind left instrument panel.	GF011
GROUND STUD - Located near Roll Servo Actuator.	GS300
GROUND STUD - Power Converter ground located in tail.	GS901
GROUND STUD BOLT - Forward firewall outboard of J-box below power receptacle.	GN008
GROUND STUD WING LEVELER COMPUTER - Ground for Wing Leveler Computer located behind instrument panel.	GS301
GYRO DIRECTIONAL - Located in left instrument panel.	UI302
GYRO DIRECTIONAL - Located on inboard side of left instrument panel.	EI007
GYRO DIRECTIONAL - Located on left instrument panel.	UT302
GYRO HORIZONTAL - Located on inboard side of left instrument panel.	EI009
H	
HEATER PITOT - Located in left wing.	TL001
HOURMETER - Located on outboard side of right instrument panel.	EI003

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
I	
INDICATOR AIRSPEED - Located on outboard side of left instrument panel.	EI008
INDICATOR AIRSPEED - Located on outboard side of left instrument panel.	EI025
INDICATOR AMMETER/VACUUM - Located on outboard side of left instrument panel.	EI012
INDICATOR CLOCK/OAT - Located on outboard side of left instrument panel.	EI019
INDICATOR CLOCK/OAT/VOLT - Located on outboard side of left instrument panel.	EI002
INDICATOR CLOCK/OAT/VOLTAGE - Located on outboard side of left instrument panel.	EI029
INDICATOR EGT/FUEL FLOW - Located on outboard side of left instrument panel.	EI014
INDICATOR EGT/FUEL FLOW - Located on outboard side of left instrument panel.	EI024
INDICATOR ELT SWITCH - Connects to JZ905 Instrument Panel disconnect located behind left instrument panel.	SI900
INDICATOR FUEL QUANTITY - Located on outboard side of left instrument panel.	EI011
INDICATOR HSI - Located in left instrument panel.	UI308
INDICATOR HSI - Located in left instrument panel.	UI309
INDICATOR KI208 NAV - Located in left instrument panel.	UI503
INDICATOR KI208 NAV - Located on left instrument panel.	UI601
INDICATOR KI209 - Located on left instrument panel.	UI600
INDICATOR KI-209A - Located on left instrument panel.	UI604
INDICATOR KI-227 ADF - Located on left instrument panel.	UI603
INDICATOR OIL TEMPERATURE/OIL PRESSURE - Located on outboard side of left instrument panel.	EI001
INDICATOR TURN COORDINATOR - Located on outboard side of left instrument panel.	EI004
INDICATOR VERTICLE SPEED - Located on inboard side of left instrument panel.	EI006
J	
JACK ANTENNA - Disconnect for Navigation Antenna at base of vertical tail.	JV1002
JACK CO-PILOT'S HEADSET - Connects to Audio Panel and is located on right side of cabin.	PF302
JACK CO-PILOT'S HEADSET - Connects to Audio Panel and is located on right side of cabin.	PF502
JACK COPILOT'S HEADSET - Connects to Audio Panel and is located on right side of cabin.	PF512
JACK CO-PILOT'S MIC - Connects to Audio Panel and is located on right side of cabin.	PF303
JACK CO-PILOT'S MIC - Connects to Audio Panel and is located on right side of cabin.	PF503
JACK COPILOT'S MIC - Connects to Audio Panel and is located on right side of cabin.	PF513
JACK ENTERTAINMENT AUDIO - Located in passenger compartment on side panel.	PC512
JACK HAND MIC - Connects to Audio Panel and is located in left side of cabin.	PC504
JACK HAND MIC - Located in right side of cabin on top of pedestal.	PC510
JACK PASSENGER 1 HEADSET - Located in passenger compartment on side panel.	PC515
JACK PASSENGER 1 MIC - Located in passenger compartment on side panel.	PC517
JACK PASSENGER 2 MIC - Located in passenger compartment on side panel.	PF509
JACK PASSENGER HEADSET - Located in passenger compartment on side panel.	PF508
JACK PASSENGER MIC - Located in passenger compartment on side panel.	PC505
JACK PASSENGER MIC - Located in passenger compartment on side panel.	PF505
JACK PASSENGER PHONE - Located in passenger compartment on side panel.	PC506
JACK PASSENGER PHONE - Located in passenger compartment on side panel.	PF504
JACK PILOT'S HAND MIC - Connects to Audio Panel and is located in left side of cabin.	PC304
JACK PILOT'S HEADSET - Connects to Audio Panel and is located in left side of cabin.	PC302
JACK PILOT'S HEADSET - Connects to Audio Panel and is located in left side of cabin.	PC502
JACK PILOT'S HEADSET - Connects to Audio Panel and is located in left side of cabin.	PC509
JACK PILOT'S MIC - Connects to Audio Panel and is located in left side of cabin.	PC303
JACK PILOT'S MIC - Connects to Audio Panel and is located in left side of cabin.	PC503
JACK PILOT'S MIC - Connects to Audio Panel located in left side of cabin.	PC511

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
L	
LAMP GLARESHIELD CATHODE - On glare shield.	FI002
LANDING LIGHT HID - In leading edge of left wing.	FL008
LED STANDBY BATTERY TEST LIGHT (GREEN) - Pilots Control Panel	FI011
LEFT STROBE POWER SUPPLY GROUND DISCONNECT - Left wing tip	AL001
LH WING NAV LIGHT RED - left wingtip	FL006
LIGHT ASSEMBLY FLASHING BEACON - In top of vertical tail.	FV002
LIGHT ASSEMBLY LEFT COURTESY - Inboard edge of left wing, near trailing edge.	FL004
LIGHT ASSEMBLY LEFT STROBE - In left wing tip.	FL005
LIGHT ASSEMBLY NAVIGATION (GREEN) - In right wing tip.	FR001
LIGHT ASSEMBLY NAVIGATION (RED) - In left wing tip.	FL003
LIGHT ASSEMBLY RIGHT COURTESY - Inboard end of right wing, near trailing edge.	FR002
LIGHT ASSEMBLY RIGHT STROBE - In right wing tip.	FR003
LIGHT COMPASS - In compass on top of glare shield.	FC001
LIGHT COPILOT'S LED FLOOD - Cabin overhead	FF004
LIGHT GLARESHIELD - On top of instrument panel.	FI007
LIGHT LANDING - In leading edge of left wing.	FL002
LIGHT PEDESTAL - In top of pedestal.	FI003
LIGHT PILOT'S LED DOME - Cabin overhead	FC006
LIGHT REAR LED DOME - Cabin overhead	FC007
LIGHT TAXI - In leading edge of left wing.	FL001
M	
MAGNETO LEFT - Located in engine compartment on back side of engine.	RN001
MAGNETO RIGHT - Located in engine compartment on back side of engine.	RN002
MAP LIGHT CONTROL WHEEL - Located on Pilot's Control Wheel on left side of cabin.	L1
MFD KMD-540 - Located in instrument panel.	UI406
MODULE CONFIGURATION - Located in audio panel.	UI305
MODULE DIMMING - Located on left side of cabin in sidewall.	ZC001
N	
NAV/COMM KX155 - Located in audio panel.	UI501
NAV/COMM KX155 - Located in audio panel.	UI502
NAV/COMM KX-155A - Located on audio panel.	UI511
NAV/COMM KX-155A - Located on audio panel.	UI512
NAV/COMM WITH GLIDESLOPE KX-155A - Located on audio panel.	UI510
P	
PANEL ANNUNCIATOR - Located on instrument panel above pilots altimeter	UI005
PANEL AUDIO - Connects to Audio Control in audio panel.	PI500
PANEL AUDIO - Located in audio panel.	UI500
PANEL AUDIO - Located on center instrument panel.	UI507
PANEL AUDIO - Located on center instrument panel.	UI508
POTENTIOMETER RIGHT CONTROL WHEEL - Located on Right Control Wheel.	R1
POWER SUPPLY - Located behind instrument panel on far left side.	UI001
POWER SUPPLY LEFT STROBE LIGHT - Left wing tip	UL003
POWER SUPPLY RIGHT STROBE LIGHT - Right wingtip	UR003
POWER SUPPLY STROBE - Located on left wing tip.	UL001
POWER SUPPLY STROBE - Located on right wing tip.	UR001
PROBE EGT - Located on bottom right side of engine.	UN005

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
PROBE OUTSIDE AIR TEMPERATURE - Located in upper corner of windshield.	TF001
PROBE OUTSIDE AIR TEMPERATURE - Located on top of cabin.	TF001
PROBE OUTSIDE AIR TEMPERATURE - Located on top of cabin.	TF002
PROBE OUTSIDE AIR TEMPERATURE (OAT) - Located on top of cabin.	TF001
R	
RECEIVER GPS - Located on audio panel.	UI700
RECEIVER GPS - Located on audio panel.	UI701
RECEIVER KR-87 ADF - Located on audio panel.	UI602
REGULATOR GLARESHIELD LIGHT - Connects to PI029 Glareshield Light Regulator disconnect located behind center instrument panel.	QI001
REGULATOR INSTRUMENT LIGHTS VOLTAGE - In Dimming Control Module located behind center instrument panel.	QZ002
REGULATOR PEDESTAL/COMPASS LIGHTS VOLTAGE - In Dimming Control Module located behind center instrument panel.	QZ003
REGULATOR RADIO LIGHTS VOLTAGE - In Dimming Control Module located behind center instrument panel.	QZ001
RELAY ALTERNATOR - Located in Junction Box in nose on left side firewall.	K1
RELAY BATTERY - Located in Junction Box in nose on left side firewall.	K4
RELAY EXTERNAL POWER - Located in Junction Box in nose on left side firewall.	K3
RELAY START - Located in Junction Box in nose on left side firewall.	K2
RESISTOR - Cabin overhead	RC003
RESISTOR - Cabin overhead	RF002
RESISTOR - Cabin overhead	RF003
RESISTOR - Pilots Control Panel	RI010
RESISTOR AUTOPILOT/FLAP EXTEND - Connects to JR005 Avionics Flap Actuator disconnect located in right wing.	RR001
RESISTOR AUTOPILOT/FLAP RETRACT - Connects to JR005 Avionics Flap Actuator disconnect located in right wing.	RR002
RESISTOR DIMMING ASSEMBLY - In Dimming Control Module located behind center instrument panel.	RZ001
RESISTOR DIMMING ASSEMBLY - In Dimming Control Module located behind center instrument panel.	RZ002
RESISTOR DIMMING ASSEMBLY - In Dimming Control Module located behind center instrument panel.	RZ003
RESISTOR DIMMING CONTROL - In Dimming Control Module located behind center instrument panel.	RI004
RESISTOR DIMMING CONTROL - In Dimming Control Module located behind center instrument panel.	RI005
RESISTOR DIMMING CONTROL VARIABLE - In Dimming Control Module located behind center instrument panel.	RI001
RESISTOR DIMMING CONTROL VARIABLE - In Dimming Control Module located behind center instrument panel.	RI002
RH WING NAV LIGHT GREEN - Right wingtip.	FR004
S	
SELECTOR GPS - Located on audio panel.	UI702
SELECTOR GPS - Located on audio panel.	UI703
SENSOR CURRENT - Located in Junction Box in nose on left side firewall.	U1
SENSOR OIL TEMPERATURE - Located on top of engine.	UN004
SPEAKER - Located in overhead console in cabin.	UC500
SPEAKER AUDIO PANEL - Located in overhead console in cabin.	UC300
SPLICE - Located behind Audio panel.	AF300
SPLICE - Located behind Audio panel.	AF301
SPLICE - Located behind Audio panel.	AF302

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
SPLICE - Located behind Audio panel.	AF303
SPLICE - Located behind Audio panel.	AF304
SPLICE - Located behind Audio panel.	AF305
SPLICE - Located behind Audio panel.	AF306
SPLICE - Located on Pilot's Control Wheel on left side of cabin.	A1
SPLICE - Located on Pilot's Control Wheel on left side of cabin.	A2
STARTER - Located in nose on engine.	MN002
STROBE LIGHT ASSEMBLY LEFT - Left wing tip.	FL007
STROBE LIGHT ASSEMBLY RIGHT - Right wingtip.	FR005
SWITCH ANNUNCIATOR TEST/DIM - Connects to PC014 Annunciator Switch Disconnect located behind left instrument panel.	SI003
SWITCH ANNUNCIATOR TEST/DIM - Connects to PC015 Annunciator Switch disconnect located behind left instrument panel.	SI004
SWITCH ANNUNCIATOR TEST/DIM - Connects to PC015 Annunciator Switch Disconnect located behind left instrument panel.	SI005
SWITCH AUTOPILOT TRIM DISCONNECT - Located on Pilot's Control Wheel on left side of cabin.	S2
SWITCH AVIONICS MASTER - Connects to JC012 Avionics Circuit Breaker Panel located on lower instrument panel.	SI010
SWITCH AVIONICS MASTER - Located on instrument panel.	SI001
SWITCH BEACON LIGHT - Pilots Control Panel	SI013
SWITCH CABIN POWER - Pilots Control Panel	SI023
SWITCH CONTROL WHEEL MIC - Located on Pilot's and Copilot's Control Wheel.	S1
SWITCH CONTROL WHEEL TRIM - Located on Pilot's Control Wheel on left side of cabin.	S3
SWITCH CONTROL WHEEL TRIM - Located on Pilot's Control Wheel on left side of cabin.	S4
SWITCH CO-PILOT'S DOME LIGHT - Located in the Overhead Console in cabin above copilot.	SC001
SWITCH ELT - Connects to JZ905 Instrument Panel disconnect located behind right instrument panel.	SI900
SWITCH FLAP ACTUATOR DOWN LIMIT - Located in right wing near flap motor.	SR002
SWITCH FLAP ACTUATOR UP LIMIT - Located in right wing near flap motor.	SR001
SWITCH FLAPS DOWN - Connects to PI001 Flap Handle disconnect located on lower instrument panel.	SI008
SWITCH FLAPS UP - Connects to PI001 Flap Handle disconnect located on lower instrument panel.	SI007
SWITCH FUEL PUMP - Pilots Control Panel	SI018
SWITCH IGNITION - Located on instrument panel.	SI002
SWITCH LANDING LIGHT - Pilots Control Panel	SI014
SWITCH LEFT VACUUM - Located in nose compartment on firewall.	SN012
SWITCH MASTER - Connects to JC001 Circuit Breaker Panel disconnect located on left instrument panel.	SI009
SWITCH NAVIGATION LIGHTS - Pilots Control Panel	SI016
SWITCH OIL PRESSURE - Located in nose compartment on engine.	SN001
SWITCH PILOT'S DOME LIGHT - Located in the Overhead Console in cabin above pilot.	SC002
SWITCH PITOT HEAT - Pilots Control Panel	SI019
SWITCH REAR DOME/COURTESY LIGHT - Located in the Overhead Console in cabin above passenger compartment.	SC004
SWITCH RIGHT VACUUM - Located in nose compartment on firewall.	SN011
SWITCH STANDBY BATTERY - Pilots Control Panel	SI021
SWITCH STROBE LIGHTS - Pilots Control Panel	SI017
SWITCH TAXI LIGHT - Pilots Control Panel	SI015
SWITCHING UNIT - Located in right instrument panel.	UI704
SWITCHING UNIT - Located in right instrument panel.	UI705
T	
TACHOMETER - Located on inboard side of left instrument panel.	EI005

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NOMENCLATURE - LOCATION	REFERENCE DESIGNATOR
TACHOMETER - Located on inboard side of left instrument panel.	EI026
TAIL NAVIGATION LIGHT WHITE - In tail stinger.	FV001
TAXI LIGHT HID - In leading edge of left wing.	FL009
TERMINAL BLOCK - Located in pilots control wheel assy	X1
TERMINAL GLARESHIELD REGULATOR - Connects to QI001 Glareshield Regulator located behind instrument panel.	PI029
THERMOSTAT STANDBY BATTERY TEST - Pilots Control Panel	SI022
THERMOCOUPLE JACK EGT PROBE - Connects to UN005 EGT Probe located in the nose.	JN006
TRANSDUCER FUEL PRESSURE - Located on engine in engine compartment.	UN003
TRANSDUCER OIL PRESSURE - Located in nose compartment on engine.	UI006
TRANSMITTER ELT - Located behind baggage compartment.	UT900
TRANSMITTER FUEL QUANTITY - Located near left wing disconnect.	UL002
TRANSMITTER FUEL QUANTITY - Located on right wing near wing root.	UR002
TRANSPONDER KT-76C - Located on audio panel.	UI800
TURN COORDINATOR - Located in left instrument panel.	UI307

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
A1	SPLICE - Located on Pilot's Control Wheel on left side of cabin. 27-10-01-01 27-10-01-02 33-10-02-02 33-10-02-03 33-10-02-04 33-10-02-05	S1370-1 S1370-1 S1370-1 S1370-1 S1370-1 S1370-1	
A2	SPLICE - Located on Pilot's Control Wheel on left side of cabin. 27-10-01-01	S1370-0	
ACU	CONTROL UNIT - Located in Power Junction Box in left side of nose on firewall. 24-20-01-01 24-20-01-02 24-20-01-03 24-30-01-01 24-30-01-02 24-30-01-03	A2101 A2101 A2101 A2101 A2101 A2101	
AL001	LEFT STROBE POWER SUPPLY - Left wing tip 33-40-02-03 33-40-02-04	796753-1 796753-1	81234 & ON 9771 & ON
CN001	CAPACITOR - Located in nose compartment on alternator. 24-20-01-01 24-20-01-02 24-20-01-03	S1915-1 S1915-1 S1915-1	80001 80690 8001 8049
CN001	CAPACITOR - Located in nose compartment on alternator. 24-20-01-01	S1915-3	80691 & ON 8050 & ON
CZ001	CAPACITOR - On ZC001 Dimming Module Assembly on left side of cabin in sidewall. 33-10-07-01	CSR13-2356	
CZ002	CAPACITOR - On ZC001 Dimming Module Assembly on left side of cabin in sidewall. 33-10-07-01	CSR13-2356	
CZ003	CAPACITOR - On ZC001 Dimming Module Assembly on left side of cabin in sidewall. 33-10-07-01	CSR13-2356	
CZ004	CAPACITOR - On ZC001 Dimming Module Assembly on left side of cabin in sidewall. 33-10-07-01	CSR13-2356	
D1	TRANSZORB 77-40-01-01	1.5KE18A	
D2	TRANSZORB 77-40-01-01	1.5KE18A	
DI001	DIODE - In electrical circuit breaker panel. 24-61-01-01 24-61-01-02 24-61-01-03 24-61-02-01 24-61-03-01	1N6391 1N6391 1N6391 1N6391 1N6391	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
DI002	DIODE - In electrical circuit breaker panel. 24-61-01-01 24-61-01-02 24-61-01-03 24-61-02-01 24-61-03-01	1N6391 1N6391 1N6391 1N6391 1N6391	
DI005	DIODE - Behind Pilots instrument panel 31-50-01-04	1N4006	80884 & ON 8403 & ON
DI006	DIODE 24-61-03-01	1N6391	
DI007	DIODE 24-61-03-01	1N6391	
DI100	DIODE - Located behind Audio Panel. 23-50-10-01	S3106-4	
DI101	DIODE - Located behind Audio Panel. 23-50-10-01	S3106-4	
DI300	DIODE - 28 Volt Lighting Diode located on left instrument panel behind HSI Indicator. 34-20-02-01 34-20-02-02	1N4730A 1N4730A	
EI001	INDICATOR - Located on outboard side of left instrument panel. 33-10-04-01 33-10-04-02 79-30-01-01	S3279-1 S3279-1 S3279-1	
EI002	INDICATOR - Located on outboard side of left instrument panel. 31-20-01-01 33-10-04-01	AT432000 AT432000	
EI003	HOURLMETER - Located on outboard side of right instrument panel. 31-20-01-01 31-20-01-02 31-20-01-03 31-20-01-04 31-20-01-05 77-40-01-01	S1493-1 S1493-1 S1493-1 S1493-1 S1493-1 S1493-1	
EI004	INDICATOR - Located on outboard side of left instrument panel. 33-10-03-01	S3291-1	80001 81059 8001 8874
EI004	INDICATOR - Located on outboard side of left instrument panel. 33-10-03-01	1394T100-10RA	81060 & ON 8875 & ON
EI005	TACHOMETER - Located on inboard side of left instrument panel. 33-10-03-01	S3329-1	
EI005	TACHOMETER - Located on inboard side of left instrument panel. 33-10-03-01	S3329-5	8001 & ON
EI006	INDICATOR - Located on inboard side of left instrument panel. 33-10-03-01	S3327-1	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
EI007	GYRO - Located on inboard side of left instrument panel. 33-10-03-01	S3330-1	
EI008	INDICATOR - Located on outboard side of left instrument panel. 33-10-03-01 33-10-03-02	S3325-1 S3325-1	
EI009	GYRO - Located on inboard side of left instrument panel. 33-10-03-01 33-10-03-02	S3326-1 S3326-1	
EI010	ALTIMETER - Located on inboard side of left instrument panel. 33-10-03-01 33-10-09-01	S3328-1 S3328-1	80001 81117 8001 9121
EI010	ALTIMETER - Located on inboard side of left instrument panel. 33-10-03-01 33-10-03-02 33-10-09-01	S3827-1 S3827-1 S3827-1	81118 & ON 9122 & ON
EI011	INDICATOR - Located on outboard side of left instrument panel. 28-40-01-01 28-40-01-02 33-10-04-01 33-10-04-02	S3281-2 S3281-2 S3281-2 S3281-2	
EI012	INDICATOR - Located on outboard side of left instrument panel. 24-30-01-01 24-30-01-02 33-10-04-01 33-10-04-02	S3280-1 S3280-1 S3280-1 S3280-1	
EI014	INDICATOR - Located on outboard side of left instrument panel. 33-10-01-01 33-10-01-02 33-10-04-01 77-20-01-01 77-20-01-02	S3277-2 S3277-2 S3277-2 S3277-2 S3277-2	80001 80906
EI014	INDICATOR - Located on outboard side of left instrument panel. 33-10-01-02 33-10-01-03 33-10-04-02	S3277-6 S3277-6 S3277-6	80907 & ON
EI019	INDICATOR - Located on outboard side of left instrument panel. 31-20-01-02 31-20-01-03 31-20-01-05 33-10-04-02	M803B-2-0/28V-B M803B-2-0/28V-B M803B-2-0/28V-B M803B-2-0/28V-B	80301 81097 81143 & ON
EI023	ALTIMETER - Located on inboard side of left instrument panel. 33-10-09-01	S3371-1	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
EI024	INDICATOR - Located on outboard side of left instrument panel. 33-10-01-02 33-10-01-03 77-20-01-02	S3277-8 S3277-8 S3277-8	8492 & ON
EI024	INDICATOR - Located on outboard side of left instrument panel. 33-10-01-01 33-10-01-02 33-10-04-02 77-20-01-02	S3277-4 S3277-4 S3277-4 S3277-4	8001 8491
EI025	INDICATOR - Located on outboard side of left instrument panel. 33-10-03-01 33-10-03-02	S3325-6 S3325-6	8001 & ON
EI026	TACHOMETER - Located on inboard side of left instrument panel. 33-10-03-01	S3329-5	
EI029	INDICATOR - Located on outboard side of left instrument panel. 31-20-01-04	AT432000	81098 81142 9063 9288
F1	FUSE - Located in nose compartment, inside Junction Box on left firewall. 24-20-01-01 24-20-01-02 24-30-01-01 24-30-01-02 24-30-01-03	ATC-30 ATC-30 ATC-30 ATC-30 ATC-30	80001 80983 8001 8703
F1	CIRCUIT BREAKER - Located in nose compartment in Junction Box on left firewall. 24-20-01-01 24-20-01-02 24-20-01-03 24-30-01-01 24-30-01-02 24-30-01-03	F53-0003 F53-0003 F53-0003 F53-0003 F53-0003 F53-0003	80984 & ON 8704 & ON
F2	FUSE - Located in nose compartment in Junction Box on left firewall. 24-20-01-01 24-20-01-02 24-30-01-01	ATC-30 ATC-30 ATC-30	80001 80983 8001 8703
F2	CIRCUIT BREAKER - Located in nose compartment in Junction Box on left firewall. 24-20-01-01 24-20-01-02 24-20-01-03 24-30-01-02 24-30-01-03	F53-0003 F53-0003 F53-0003 F53-0003 F53-0003	80984 & ON 8704 & ON

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
F3	CIRCUIT BREAKER - Located in nose compartment in Junction Box on left firewall.		
	24-20-01-02	F53-0003	
	24-20-01-03	F53-0003	
	24-30-01-02	F53-0003	
	24-30-01-03	F53-0003	
		80984	& ON
		8704	& ON
F4	FUSE		
	24-20-01-01	AGC5	
	24-20-01-02	AGC5	
	24-20-01-03	AGC5	
	24-30-01-01	AGC5	
	24-30-01-02	AGC5	
	24-30-01-03	AGC5	
FC001	LIGHT - In compass on top of glareshield.		
	33-10-01-01	C660501-0103	
	33-10-01-02	C660501-0103	
	33-10-01-03	C660501-0103	
	33-10-01-04	C660501-0103	
FC002	DOME LIGHT ASSEMBLY - On forward left side of overhead console.		
	33-10-05-01	4595-1	
		80001	81114
		8001	9094
FC002	DOME LIGHT ASSEMBLY - Cabin overhead		
	33-10-05-01	RL6806-1	
		81115	81233
		9095	9770
FC003	DOME LIGHT ASSEMBLY - On forward right side of overhead console.		
	33-10-05-01	4595-1	
		80001	81114
		8001	9094
FC003	DOME LIGHT ASSEMBLY - Cabin overhead		
	33-10-05-01	RL6806-1	
		81115	81233
		9095	9770
FC005	DOME LIGHT ASSEMBLY - On aft end of overhead console.		
	33-10-05-01	4596-1	
		80001	81149
		8001	9334
FC005	DOME LIGHT ASSEMBLY - Cabin overhead		
	33-10-05-01	RL6808-1	
		81150	81233
		9335	9770
FC006	LIGHT - Cabin overhead		
	33-10-05-02	RL6870-1	
	33-10-05-03	RL6870-1	
		81234	81272
		9771	10102
FC007	LIGHT - Cabin overhead		
	33-10-05-02	RL6870-1	
	33-10-05-03	RL6870-1	
	33-10-05-04	RL6870-1	
	33-10-05-05	RL6870-1	
		81234	& ON
		9771	& ON

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
FC012	LIGHT		
	33-10-05-04	RL6870-1	
	33-10-05-05	RL6870-1	
		81273	& ON
		10103	& ON
FF004	LIGHT - Cabin overhead		
	33-10-05-04	RL6870-1	
	33-10-05-05	RL6870-1	
		81273	& ON
		10103	& ON
F1002	LAMP - On glareshield.		
	33-10-06-01	7300248-2	
F1003	LIGHT - In top of pedestal.		
	33-10-01-01	MS25231-1829	
	33-10-01-02	MS25231-1829	
	33-10-01-03	MS25231-1829	
	33-10-01-04	MS25231-1829	
F1007	LIGHT - On top of instrument panel.		
	33-10-06-02	7300248-1	
F1011	LED - Pilots Control Panel		
	24-40-01-01	S2800-679	
	24-40-01-02	S2800-679	
FL001	LIGHT - In leading edge of left wing.		
	33-40-05-01	4587	
		80001	81142
		8001	9288
FL001	LIGHT - In leading edge of left wing.		
	33-40-05-01	4626	
		81143	81233
		9288	9770
FL002	LIGHT - In leading edge of left wing.		
	33-40-05-01	4596	
		80001	81142
		8001	9288
FL002	LIGHT - In leading edge of left wing.		
	33-40-05-01	4594	
		81143	81233
		9289	9770
FL003	LIGHT ASSEMBLY - In left wing tip.		
	33-40-01-01	C622001-0201	
	33-40-01-02	C622001-0201	
		80001	81200
		8001	9568
FL004	LIGHT ASSEMBLY - Inboard edge of left wing, near trailing edge.		
	33-40-04-01	0521101-7	
	33-40-04-02	0521101-7	
	33-40-04-03	0521101-7	
FL005	LIGHT ASSEMBLY - In left wing tip.		
	33-40-02-01	C622003-0101	
		80001	81200
		8001	9568
FL006	LH WING NAV LIGHT - left wingtip		
	33-40-01-03	01-0770082-12	
	33-40-01-04	01-0770082-12	
	33-40-01-05	01-0770082-12	
		81201	& ON
		9569	& ON

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
FL007	STROBE LIGHT ASSEMBLY - Left wing tip.		
	33-40-02-02	01-0770818-00	
	33-40-02-03	01-0770818-00	
	33-40-02-04	01-0770818-00	
		81201 & ON	
		9569 & ON	
FL008	LANDING LIGHT - In leading edge of left wing.		
	33-40-05-02	81008-1	
	33-40-05-03	81008-1	
		81234 81245	
		9771 9837	
FL008	LANDING LIGHT		
	33-40-05-02	81010-1	
	33-40-05-03	81010-1	
		81246 & ON	
		9838 & ON	
FL009	TAXI LIGHT - In leading edge of left wing.		
	33-40-05-02	81009-1	
	33-40-05-03	81009-1	
		81234 81245	
		9771 9837	
FL009	TAXI LIGHT - In leading edge of left wing.		
	33-40-05-02	81011-1	
	33-40-05-03	81011-1	
		81246 & ON	
		9838 & ON	
FR001	LIGHT ASSEMBLY - In right wing tip.		
	33-40-01-01	C622001-0201	
	33-40-01-02	C622001-0201	
		80001 81200	
		8001 9568	
FR002	LIGHT ASSEMBLY - Inboard end of right wing, near trailing edge.		
	33-40-04-01	0521101-7	
	33-40-04-02	0521101-7	
	33-40-04-03	0521101-7	
FR003	LIGHT ASSEMBLY - In right wing tip.		
	33-40-02-01	C622003-0101	
		80001 81200	
		8001 9568	
FR004	RH WING NAV LIGHT - Right wingtip.		
	33-40-01-03	01-0770082-13	
	33-40-01-04	01-0770082-13	
	33-40-01-05	01-0770082-13	
		81201 & ON	
		9569 & ON	
FR005	STROBE LIGHT ASSEMBLY - Right wingtip.		
	33-40-02-02	01-0770818-00	
	33-40-02-03	01-0770818-00	
	33-40-02-04	01-0770818-00	
		81201 & ON	
		9569 & ON	
FV001	NAVIGATION LIGHT		
	33-40-01-01	C622001-0102	
	33-40-01-02	C622001-0102	
		80001 81200	
		8001 9568	
FV002	LIGHT ASSEMBLY - In top of vertical tail.		
	33-40-03-01	01-0770509-07	
	33-40-03-02	01-0770509-07	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
GF011	GROUND STUD - Located near Glareshield Power Supply behind left instrument panel.		
	33-10-06-01	0508001-2	
	73-10-01-01	0508001-2	
	73-10-01-02	0508001-2	
	77-40-01-01	0508001-2	
GI001	CONNECTOR - Located behind instrument panel.		
	24-30-01-01	S2527-1	
	24-30-01-02	S2527-1	
	27-50-01-01	S2527-1	
	27-50-01-02	S2527-1	
	28-40-01-01	S2527-1	
	31-20-01-01	S2527-1	
	31-20-01-02	S2527-1	
	31-50-01-01	S2527-1	
	31-50-01-02	S2527-1	
	31-50-01-03	S2527-1	
	33-10-01-01	S2527-1	
	33-10-02-01	S2527-1	
	33-10-05-01	S2527-1	
	33-40-05-01	S2527-1	
	33-40-05-03	S2527-1	
	37-20-01-01	S2527-1	
	74-10-01-01	S2527-1	
	77-20-01-01	S2527-1	
	77-20-01-02	S2527-1	
	79-30-01-01	S2527-1	
		80001 80883	
		8001 8402	
GI001	CONNECTOR - Located behind instrument panel.		
	24-30-01-01	200838-2	
	24-30-01-02	200838-2	
	24-30-01-03	200838-2	
	24-50-01-01	200838-2	
	24-50-01-02	200838-2	
	24-50-01-03	200838-2	
	24-50-01-04	200838-2	
	27-50-01-02	200838-2	
	27-50-01-03	200838-2	
	28-40-01-01	200838-2	
	28-40-01-02	200838-2	
	31-20-01-02	200838-2	
	31-20-01-03	200838-2	
	31-20-01-04	200838-2	
	31-20-01-05	200838-2	
	31-50-01-04	200838-2	
	33-10-01-02	200838-2	
	33-10-01-03	200838-2	
	33-10-01-04	200838-2	
	33-10-03-02	200838-2	
	33-10-05-01	200838-2	
	33-10-05-02	200838-2	
	33-10-05-03	200838-2	
	33-10-05-04	200838-2	
	33-10-05-05	200838-2	
	33-10-06-02	200838-2	
	33-40-03-01	200838-2	
	33-40-03-02	200838-2	
	33-40-05-01	200838-2	
	33-40-05-02	200838-2	
	33-40-05-03	200838-2	
	37-20-01-01	200838-2	
	37-20-01-02	200838-2	
	74-10-01-01	200838-2	
	74-10-01-02	200838-2	
	74-10-01-03	200838-2	
	77-20-01-02	200838-2	
	77-40-01-01	200838-2	
	79-30-01-01	200838-2	
		80884 & ON	
		8403 & ON	

REFERENCE DESIGNATOR INDEX

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
GL010	GROUND STUD - Located in left wing near pitot heat.			GS301	GROUND STUD - Ground for Wing Leveler Computer located behind instrument panel.		
	30-30-01-01	0508001-2			22-10-02-02	3910276-2	
	30-30-01-02	0508001-2			22-10-02-03	3910276-2	
	33-40-01-04	0508001-2			22-10-30-01	3910276-2	
	33-40-01-05	0508001-2			22-10-30-01	3910276-2	
	33-40-04-01	0508001-2			22-10-31-01	3910276-2	
	33-40-04-02	0508001-2			22-10-31-01	3910276-2	
	33-40-04-03	0508001-2			22-10-32-01	3910276-2	
	33-40-05-02	0508001-2			22-10-32-01	3910276-2	
	33-40-05-03	0508001-2			22-10-33-01	3910276-2	
	77-40-01-01	0508001-2			22-10-33-01	3910276-2	
			81234 & ON 9771 & ON		22-10-40-01	3910276-2	
GL100	GROUND - Located behind audio panel.				22-10-40-01	3910276-2	
	22-10-02-01	008-0041-00			22-10-41-01	3910276-2	
	23-50-10-01	008-0041-00			22-10-41-01	3910276-2	
	34-50-10-01	008-0041-00			22-10-42-01	3910276-2	
	34-50-20-01	008-0041-00			22-10-42-01	3910276-2	
GLO10	CONNECTOR				22-10-43-01	3910276-2	
	33-40-02-03	2-36153-2			22-10-43-01	3910276-2	
	33-40-02-04	2-36153-2			22-10-44-01	3910276-2	
GN008	GROUND STUD - Forward firewall outboard of J-box below power receptacle.				22-10-44-01	3910276-2	
	24-20-01-01	AN5-4A			22-10-45-01	3910276-2	
	24-20-01-02	AN5-4A			22-10-45-01	3910276-2	
	24-20-01-03	AN5-4A			22-10-46-01	3910276-2	
	24-30-01-01	AN5-4A			22-10-46-01	3910276-2	
	24-30-01-02	AN5-4A			22-10-46-01	3910276-2	
	24-30-01-03	AN5-4A					
GR010	GROUND STUD - Ground for Flap Actuator located in right wing tip.			GS308	GROUND STUD - Located in tail near Pitch Servo.		
	27-50-01-01	0508001-2			22-10-40-01	3910276-2	
	27-50-01-02	0508001-2			22-10-41-01	3910276-2	
	27-50-01-03	0508001-2			22-10-42-01	3910276-2	
	33-40-04-01	0508001-2			22-10-43-01	3910276-2	
	33-40-04-02	0508001-2			22-10-44-01	3910276-2	
	33-40-04-03	0508001-2			22-10-45-01	3910276-2	
	77-40-01-01	0508001-2			22-10-46-01	3910276-2	
GS300	GROUND STUD - Located near Roll Servo Actuator.			GS309	GROUND STUD - Located behind audio panel.		
	22-10-01-01	3910276-2			22-10-42-01	3910276-2	
	22-10-01-02	3910276-2			22-10-43-01	3910276-2	
	22-10-01-03	3910276-2			22-10-44-01	3910276-2	
	22-10-01-04	3910276-2			22-10-45-01	3910276-2	
					22-10-45-01	3910276-2	
					23-50-10-03	3910276-2	
					23-50-10-04	3910276-2	
					23-50-20-03	3910276-2	
					23-50-21-02	3910276-2	
					23-50-21-03	3910276-2	
					23-50-21-03	3910276-2	
					34-40-01-01	3910276-2	
					34-50-10-03	3910276-2	
					34-50-11-02	3910276-2	
					34-50-12-02	3910276-2	
					34-50-12-03	3910276-2	
					34-50-20-03	3910276-2	
					34-51-01-02	3910276-2	
					34-52-24-01	3910276-2	
				GS901	GROUND STUD - Power Converter ground located in tail.		
					24-50-01-02	3910276-2	
					25-60-01-01	3910276-2	
					25-60-01-02	3910276-2	
					25-60-01-03	3910276-2	
					25-60-01-04	3910276-2	
					34-20-02-01	3910276-2	
					34-20-02-02	3910276-2	
					34-20-04-01	3910276-2	
					34-40-01-01	3910276-2	
					34-50-12-02	3910276-2	
					34-50-12-02	3910276-2	
					34-50-13-01	3910276-2	
					34-50-13-01	3910276-2	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
HI001	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	CM3589-10	
	24-61-01-02	CM3589-10	
	24-61-01-03	CM3589-10	
	24-61-02-01	CM3589-10	
	33-40-05-01	CM3589-10	
	33-40-05-02	CM3589-10	
HI002	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	CM3589-5	
	24-61-01-02	CM3589-5	
	24-61-01-03	CM3589-5	
	24-61-02-01	CM3589-5	
	33-10-02-01	CM3589-5	
	33-10-02-02	CM3589-5	
	33-10-02-03	CM3589-5	
	33-10-02-04	CM3589-5	
	33-40-01-01	CM3589-5	
	33-40-01-02	CM3589-5	
	33-40-01-03	CM3589-5	
	33-40-01-04	CM3589-5	
HI003	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	S1360-5L	
	24-61-01-02	S1360-5L	
	24-61-01-03	S1360-5L	
	24-61-02-01	S1360-5L	
	33-10-01-01	S1360-5L	
	33-10-01-02	S1360-5L	
	33-10-01-03	S1360-5L	
	33-10-06-01	S1360-5L	
HI004	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	CM3589-5	
	24-61-01-02	CM3589-5	
	24-61-01-03	CM3589-5	
	24-61-02-01	CM3589-5	
	33-40-03-01	CM3589-5	
HI005	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	CM3589-5	
	24-61-01-02	CM3589-5	
	24-61-01-03	CM3589-5	
	24-61-02-01	CM3589-5	
	33-40-02-01	CM3589-5	
	33-40-02-02	CM3589-5	
	33-40-02-03	CM3589-5	
HI006	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	CM3589-5	
	24-61-01-02	CM3589-5	
	24-61-01-03	CM3589-5	
	24-61-02-01	CM3589-5	
	30-30-01-01	CM3589-5	
HI007	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	S1360-10L	
	24-61-01-02	S1360-10L	
	24-61-01-03	S1360-10L	
	24-61-02-01	S1360-10L	
	27-50-01-01	S1360-10L	
	27-50-01-02	S1360-10L	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
HI008	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	S1360-5L	
	24-61-01-02	S1360-5L	
	24-61-01-03	S1360-5L	
	24-61-02-01	S1360-5L	
	34-21-01-01	S1360-5L	
HI009	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	S1360-5L	
	24-61-01-02	S1360-5L	
	24-61-01-03	S1360-5L	
	24-61-02-01	S1360-5L	
	28-40-01-01	S1360-5L	
	28-40-01-02	S1360-5L	
	74-10-01-01	S1360-5L	
	74-10-01-02	S1360-5L	
	77-20-01-01	S1360-5L	
	77-20-01-02	S1360-5L	
	79-30-01-01	S1360-5L	
HI010	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	S1360-5L	
	24-61-01-02	S1360-5L	
	24-61-01-03	S1360-5L	
	24-61-02-01	S1360-5L	
HI012	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	CM3589-5	
	24-61-01-02	CM3589-5	
	24-61-01-03	CM3589-5	
	24-61-02-01	CM3589-5	
	73-10-01-01	CM3589-5	
HI013	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	CM3589-10	
	24-61-01-02	CM3589-10	
	24-61-01-03	CM3589-10	
	24-61-02-01	CM3589-10	
	33-40-05-01	CM3589-10	
	33-40-05-02	CM3589-10	
HI015	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-50-01-01	S1360-5L	
	24-50-01-02	S1360-5L	
	24-61-01-03	S1360-5L	
	33-10-01-03	S1360-5L	
		80984 & ON	
		8704 & ON	
HI022	CIRCUIT BREAKER - In electrical circuit breaker panel.		
	24-61-01-01	S1360-5L	
	24-61-01-02	S1360-5L	
	24-61-01-03	S1360-5L	
	24-61-02-01	S1360-5L	
	31-20-01-01	S1360-5L	
	31-20-01-02	S1360-5L	
	31-20-01-03	S1360-5L	
	31-20-01-04	S1360-5L	
	31-20-01-05	S1360-5L	
	37-20-01-01	S1360-5L	
	37-20-01-02	S1360-5L	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
HI023	CIRCUIT BREAKER - In electrical circuit breaker panel. 24-61-01-01 24-61-01-02 24-61-01-03 24-61-02-01	S1360-15L S1360-15L S1360-15L S1360-15L		HI036	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI024	CIRCUIT BREAKER - In electrical circuit breaker panel. 24-61-01-01 24-61-01-02 24-61-01-03 24-61-02-01	S1360-15L S1360-15L S1360-15L S1360-15L		HI037	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L10.0	81241 & ON 9810 & ON
HI025	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON	HI038	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L15.0	81241 & ON 9810 & ON
HI026	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON	HI039	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI027	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L10.0	81241 & ON 9810 & ON	HI040	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L15.0	81241 & ON 9810 & ON
HI028	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L10.0	81241 & ON 9810 & ON	HI041	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L10.0	81241 & ON 9810 & ON
HI029	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON	HI042	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI030	CIRCUIT BREAKER - In electrical circuit breaker panel. 24-61-01-01	S1360-5L	80001 80003	HI048	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI031	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON	HI049	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI032	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON	HI050	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI034	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L20.0	81241 & ON 9810 & ON	HI051	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI035	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON	HI052	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
HI053	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI054	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L10.0	81241 & ON 9810 & ON
HI055	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L5.0	81241 & ON 9810 & ON
HI056	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-50-01-03 24-50-01-04 24-61-03-01	S2899L5.0 S2899L5.0 S2899L5.0	81241 & ON 9810 & ON
HI057	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01 74-10-01-03	S2899L5.0 S2899L5.0	81241 & ON 9810 & ON
HI058	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L15.0	81241 & ON 9810 & ON
HI059	CIRCUIT BREAKER - Pilots lower left instrument panel. 24-61-03-01	S2899L15.0	81241 & ON 9810 & ON
HI100	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-11-01 34-50-10-01	S1360-8L S1360-8L	
HI101	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-11-01	S1360-8L	
HI102	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-11-01 34-52-20-01	S1360-5L S1360-5L	
HI103	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-11-01	S1360-5L	
HI104	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-11-01	S1360-5L	
HI105	CIRCUIT BREAKER - In avionics circuit breaker panel. 22-10-02-01 24-62-11-01	S1360-5L S1360-5L	
HI106	CIRCUIT BREAKER - In avionics circuit breaker panel. 21-20-01-01 24-62-11-01	S1360-5L S1360-5L	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
HI900	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-11-02 24-62-11-03 24-62-20-01 24-62-21-01 24-62-22-01 24-62-23-01 24-62-24-01 24-62-25-01 24-62-26-01 24-62-27-01 24-62-28-01 24-62-29-01 24-62-30-01 24-62-31-01 24-62-32-01 24-62-33-01 24-62-34-01 24-62-35-01	1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7	
HI901	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-20-01 24-62-21-01 24-62-22-01 24-62-23-01 24-62-24-01 24-62-25-01 24-62-26-01 24-62-27-01 24-62-28-01 24-62-29-01 24-62-30-01 24-62-31-01 24-62-32-01 24-62-33-01 24-62-34-01 24-62-35-01	1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7 1610-128-080A7	
HI902	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-20-01 24-62-21-01 24-62-22-01 24-62-23-01 24-62-24-01 24-62-25-01 24-62-26-01 24-62-27-01 24-62-28-01 24-62-29-01 24-62-30-01 24-62-31-01 24-62-32-01 24-62-33-01 24-62-34-01 24-62-35-01	1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7	
HI903	CIRCUIT BREAKER - In avionics circuit breaker panel. 24-62-20-01 24-62-21-01 24-62-22-01 24-62-23-01 24-62-25-01 24-62-27-01 24-62-29-01 24-62-31-01 24-62-33-01 24-62-35-01	1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7 1610-128-050A7	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
HI904	CIRCUIT BREAKER - In avionics circuit breaker panel.			HI922	CIRCUIT BREAKER		
	24-62-11-02	1610-128-050A7			24-62-30-01	1610-128-050A7	
	24-62-11-03	1610-128-050A7			24-62-31-01	1610-128-050A7	
	24-62-20-01	1610-128-050A7			24-62-32-01	1610-128-050A7	
	24-62-21-01	1610-128-050A7			24-62-33-01	1610-128-050A7	
	24-62-22-01	1610-128-050A7			24-62-34-01	1610-128-050A7	
	24-62-23-01	1610-128-050A7			24-62-35-01	1610-128-050A7	
	24-62-24-01	1610-128-050A7					
	24-62-25-01	1610-128-050A7		J1	CONNECTOR - Disconnect for UL001 Strobe Light Power Supply.		
	24-62-26-01	1610-128-050A7			33-40-02-01	S1638-2	
	24-62-27-01	1610-128-050A7		J1	CONNECTOR		
	24-62-28-01	1610-128-050A7			33-10-06-02	S2035-1	
	24-62-29-01	1610-128-050A7			34-20-05-01	S2035-1	
	24-62-30-01	1610-128-050A7					81241 & ON
	24-62-31-01	1610-128-050A7					9810 & ON
	24-62-32-01	1610-128-050A7		J1	CONNECTOR - Disconnect for U1 Power Converter.		
	24-62-33-01	1610-128-050A7			24-50-01-01	S2350-10	
	24-62-34-01	1610-128-050A7			24-50-01-02	S2350-10	
	24-62-35-01	1610-128-050A7			24-50-01-03	S2350-10	
HI905	CIRCUIT BREAKER - In avionics circuit breaker panel.				24-50-01-04	S2350-10	
	24-62-21-01	1610-128-050A7			24-51-01-01	S2350-10	
	24-62-22-01	1610-128-050A7			33-40-02-02	S2350-10	
	24-62-23-01	1610-128-050A7			33-40-02-03	S2350-10	
HI906	CIRCUIT BREAKER - In avionics circuit breaker panel.				33-40-02-04	S2350-10	
	21-20-01-02	1610-128-050A7		J1	CONNECTOR - Disconnect for FL004 and FR002 Courtesy Lights.		
	21-20-01-03	1610-128-050A7			33-40-04-01	S1637-2	
	24-62-11-02	1610-128-050A7			33-40-04-02	S1637-2	
	24-62-11-03	1610-128-050A7			33-40-04-03	S1637-2	
	24-62-20-01	1610-128-050A7					
	24-62-21-01	1610-128-050A7					
	24-62-22-01	1610-128-050A7					
	24-62-23-01	1610-128-050A7					
	24-62-24-01	1610-128-050A7					
	24-62-25-01	1610-128-050A7					
	24-62-26-01	1610-128-050A7					
	24-62-27-01	1610-128-050A7					
	24-62-28-01	1610-128-050A7					
	24-62-29-01	1610-128-050A7					
	24-62-30-01	1610-128-050A7					
	24-62-31-01	1610-128-050A7					
	24-62-32-01	1610-128-050A7					
	24-62-33-01	1610-128-050A7					
	24-62-34-01	1610-128-050A7					
	24-62-35-01	1610-128-050A7					
HI911	CIRCUIT BREAKER - In avionics circuit breaker panel.						
	24-62-23-01	1610-128-050A7					
	24-62-28-01	1610-128-050A7					
	24-62-29-01	1610-128-050A7					
	24-62-32-01	1610-128-050A7					
	24-62-33-01	1610-128-050A7					
HI916	CIRCUIT BREAKER - In avionics circuit breaker panel.						
	24-62-26-01	MS26574-5					
	24-62-27-01	MS26574-5					
	24-62-28-01	MS26574-5					
	24-62-29-01	MS26574-5					
	24-62-30-01	MS26574-5					
	24-62-31-01	MS26574-5					
	24-62-32-01	MS26574-5					
	24-62-33-01	MS26574-5					
	24-62-34-01	MS26574-5					
	24-62-35-01	MS26574-5					
HI921	CIRCUIT BREAKER						
	24-62-30-01	1610-128-050A7					
	24-62-31-01	1610-128-050A7					
	24-62-32-01	1610-128-050A7					
	24-62-33-01	1610-128-050A7					
	24-62-34-01	1610-128-050A7					
	24-62-35-01	1610-128-050A7					

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
JC001	CONNECTOR - Disconnect for electrical circuit breaker panel located behind instrument panel.		
	24-20-01-01	S2349-5	
	24-20-01-02	S2349-5	
	24-30-01-01	S2349-5	
	24-30-01-02	S2349-5	
	24-50-01-01	S2349-5	
	24-50-01-02	S2349-5	
	24-61-01-01	S2349-5	
	24-61-01-02	S2349-5	
	24-61-01-03	S2349-5	
	24-61-02-01	S2349-5	
	28-40-01-01	S2349-5	
	28-40-01-02	S2349-5	
	31-20-01-01	S2349-5	
	31-20-01-02	S2349-5	
	31-20-01-03	S2349-5	
	31-20-01-04	S2349-5	
	31-20-01-05	S2349-5	
	33-10-01-01	S2349-5	
	33-10-01-02	S2349-5	
	33-10-01-03	S2349-5	
	33-10-02-01	S2349-5	
	33-10-02-02	S2349-5	
	33-10-02-03	S2349-5	
	33-10-02-04	S2349-5	
	33-10-05-01	S2349-5	
	33-10-05-02	S2349-5	
	33-10-05-05	S2349-5	
	33-10-06-01	S2349-5	
	33-40-01-01	S2349-5	
	33-40-01-02	S2349-5	
	33-40-01-03	S2349-5	
	33-40-01-04	S2349-5	
	33-40-02-01	S2349-5	
	33-40-02-02	S2349-5	
	33-40-02-03	S2349-5	
	34-21-01-01	S2349-5	
	37-20-01-01	S2349-5	
	37-20-01-02	S2349-5	
	73-10-01-01	S2349-5	
	74-10-01-01	S2349-5	
	74-10-01-02	S2349-5	
	77-20-01-01	S2349-5	
	77-20-01-02	S2349-5	
	79-30-01-01	S2349-5	
JC003	CONNECTOR - Above glareshield in cockpit.		
	33-10-01-01	S2035-2	
	33-10-01-02	S2035-2	
	33-10-01-03	S2035-2	
	33-10-01-04	S2035-2	
JC004	CONNECTOR - Connects to FID03 pedestal light.		
	33-10-01-01	S2035-2	
	33-10-01-02	S2035-2	
	33-10-01-03	S2035-2	
	33-10-01-04	S2035-2	
JC005	CONNECTOR - Disconnect for Dimming Control Module located behind right instrument panel on outboard side.		
	33-10-01-01	S1641-9	
	33-10-01-02	S1641-9	
	33-10-01-03	S1641-9	
	33-10-01-04	S1641-9	
	33-10-06-01	S1641-9	
	33-10-06-02	S1641-9	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
JC007	CONNECTOR - Avionics/Electrical disconnect behind instrument panel.		
	22-10-02-01	S1641-1	
	24-61-01-01	S1641-1	
	24-61-01-02	S1641-1	
	24-61-01-03	S1641-1	
	31-50-01-01	S1641-1	
	31-50-01-02	S1641-1	
	31-50-01-03	S1641-1	
	31-50-01-04	S1641-1	
	33-10-01-01	S1641-1	
	33-10-01-02	S1641-1	
	33-10-01-03	S1641-1	
	33-10-02-02	S1641-1	
	33-10-02-03	S1641-1	
	33-10-02-04	S1641-1	
	34-21-01-01	S1641-1	
JC008	CONNECTOR - Located in cabin below instrument panel.		
	24-50-01-01	D02EEBFRTAH-0022	
JC009	CONNECTOR - In pedestal.		
	24-50-01-01	S1638-4	
			80984 81142 8704 9288
JC010	CONNECTOR - Disconnect for electrical circuit breaker panel located behind instrument panel.		
	24-61-01-01	S1641-6	
	24-61-01-02	S1641-6	
	24-61-01-03	S1641-6	
	24-61-02-01	S1641-6	
	27-50-01-01	S1641-6	
	27-50-01-02	S1641-6	
	30-30-01-01	S1641-6	
	33-40-03-01	S1641-6	
	33-40-05-01	S1641-6	
	33-40-05-02	S1641-6	
JC011	CONNECTOR - Located in overhead console in cabin.		
	33-10-05-01	S1638-1	
	33-40-04-01	S1638-1	
JC012	CONNECTOR - Located in instrument panel.		
	24-61-01-01	S2035-2	
	24-61-01-02	S2035-2	
	24-61-01-03	S2035-2	
	24-61-02-01	S2035-2	
	24-62-11-02	S2035-2	
	24-62-20-01	S2035-2	
	24-62-21-01	S2035-2	
	24-62-22-01	S2035-2	
	24-62-23-01	S2035-2	
JC014	CONNECTOR - Located behind center instrument panel.		
	31-50-01-01	S1638-1	
JC015	CONNECTOR - Located behind center instrument panel.		
	31-50-01-02	S1641-6	
	31-50-01-03	S1641-6	
	31-50-01-04	S1641-6	
	33-10-01-02	S1641-6	
	33-10-01-03	S1641-6	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
JC023	CONNECTOR - Circuit breaker panel disconnect located behind circuit breaker panel on left side.			JC035	CONNECTOR - Cabin overhead.		
	22-10-46-01	S2350-10			33-10-05-02	S1641-6	
	23-20-01-01	S2350-10			33-10-05-03	S1641-6	
	23-21-01-01	S2350-10			33-40-04-02	S1641-6	81234 81272 9771 10102
	23-50-22-01	S2350-10		JC036	CONNECTOR - Cabin overhead.		
	23-50-24-01	S2350-10			33-10-05-04	S1641-9	
	23-50-25-01	S2350-10			33-10-05-05	S1641-9	
	24-61-03-01	S2350-10			33-40-04-03	S1641-9	81273 & ON 10103 & ON
	25-60-01-05	S2350-10		JC037	CONNECTOR - Located behind pilots switch panel, lower left side.		
	31-50-02-01	S2350-10			24-40-01-02	S2350-5	
	34-10-01-01	S2350-10			24-50-01-04	S2350-5	81273 & ON 10103 & ON
	34-20-05-01	S2350-10		JC523	CONNECTOR		
	34-50-17-01	S2350-10			23-21-01-01	S3556-13	81241 & ON 9810 & ON
	34-51-02-01	S2350-10		JF005	CONNECTOR		
	34-53-02-01	S2350-10	81241 & ON 9810 & ON		73-10-01-01	KTKSAD2022F150X2	
JC024	CONNECTOR				73-10-01-02	KTKSAD2022F150X2	
	24-50-01-03	S2350-3		JF300	CONNECTOR		
	24-50-01-04	S2350-3			34-10-01-01	S3556-11	81241 & ON 9810 & ON
	24-61-03-01	S2350-3		J1001	CONNECTOR - Disconnect for Flap Select Handle located behind the center instrument panel.		
	27-50-01-03	S2350-3			27-50-01-01	S1638-5	
	33-10-01-04	S2350-3			27-50-01-02	S1638-5	
	33-10-05-03	S2350-3			27-50-01-03	S1638-5	
	33-10-05-04	S2350-3		J1003	CONNECTOR - Disconnect for Dimming Control Module located behind right instrument panel on outboard side.		
	74-10-01-03	S2350-3			33-10-01-01	S1641-9	
	77-40-01-01	S2350-3	81241 & ON 9810 & ON		33-10-01-02	S1641-9	
JC025	CONNECTOR				33-10-01-03	S1641-9	
	24-40-01-01	S2350-3			33-10-01-04	S1641-9	
	24-40-01-02	S2350-3			33-10-03-02	S1641-9	
	24-61-03-01	S2350-3			33-10-07-01	S1641-9	
JC026	CONNECTOR - Located behind switch panel.			J1004	CONNECTOR - Disconnect for EI002 Clock connector located behind the left instrument panel.		
	24-20-01-03	S2350-3			31-20-01-01	S1638-1	
	24-30-01-03	S2350-3			33-10-04-01	S1638-1	80001 80300
	24-40-01-01	S2350-3					
	24-40-01-02	S2350-3					
	30-30-01-02	S2350-3					
	33-10-02-05	S2350-3					
	33-40-01-05	S2350-3					
	33-40-02-04	S2350-3					
	33-40-03-02	S2350-3					
	33-40-05-03	S2350-3					
	73-10-01-02	S2350-3					
	77-40-01-01	S2350-3	81241 & ON 9810 & ON				
JC031	CONNECTOR						
	23-50-22-01	S2350-4					
	23-50-22-01	S2350-4					
	23-50-24-01	S2350-4					
	23-50-24-01	S2350-4					
	33-10-01-04	S2350-4					
	33-10-02-05	S2350-4					
	34-10-01-01	S2350-4					
	77-40-01-01	S2350-4	81241 & ON 9810 & ON				
JC032	RECEPTACLE						
	24-30-01-03	S2351-5					

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
J1006	CONNECTOR - Connects to J1005 Annunciator Panel located behind the instrument panel.		
	24-20-01-01	770585-1	
	24-20-01-02	770585-1	
	28-40-01-01	770585-1	
	28-40-01-02	770585-1	
	31-20-01-01	770585-1	
	31-20-01-02	770585-1	
	31-20-01-03	770585-1	
	31-20-01-04	770585-1	
	31-20-01-05	770585-1	
	31-50-01-01	770585-1	
	31-50-01-02	770585-1	
	31-50-01-03	770585-1	
	31-50-01-04	770585-1	
	37-20-01-01	770585-1	
	37-20-01-02	770585-1	
	77-20-01-01	770585-1	
J1007	CONNECTOR - Disconnect for E1007 Directional Gyro located behind the left instrument panel.		
	33-10-03-01	S2035-2	
J1008	CONNECTOR - Disconnect for E1004 Turn Coordinator located behind the instrument panel.		
	33-10-03-01	S2035-2	
J1009	CONNECTOR - Disconnect for E1008/E1026 Airspeed Indicator located behind the instrument panel.		
	33-10-03-01	S2035-2	
	33-10-03-02	S2035-2	
J1010	CONNECTOR - Disconnect for E1009 Horizon Gyro located behind the instrument panel.		
	33-10-03-01	S2035-2	
	33-10-03-02	S2035-2	
J1011	CONNECTOR - Disconnect for E1010/E1028 Altimeter Indicator located behind the instrument panel.		
	33-10-03-01	S2035-2	
	33-10-03-02	S2035-2	
	33-10-09-01	S2035-2	
J1012	CONNECTOR - Disconnect for left instrument panel located behind left instrument panel.		
	33-10-01-01	S1638-5	
	33-10-03-01	S1638-5	
	33-10-09-01	S1638-5	
J1012A	CONNECTOR - Disconnect for the center instrument panel located behind the center instrument panel.		
	33-10-09-01	S1638-6	80147 80148
J1012	CONNECTOR - Disconnect for the center instrument panel located behind the center instrument panel.		
	33-10-01-02	S1638-6	
	33-10-01-03	S1638-6	
	33-10-09-01	S1638-6	
J1013	CONNECTOR - Disconnect for E1011 Fuel Quantity Indicator located behind left instrument panel.		
	28-40-01-01	S2349-3	
	28-40-01-02	S2349-3	
	33-10-04-01	S2349-3	
	33-10-04-02	S2349-3	
J1014	CONNECTOR - Disconnect for E1005/E1028 Tachometer located behind the left instrument panel.		
	33-10-03-01	S2035-2	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
J1015	CONNECTOR - Disconnect for E1011 Oil Temperature/Oil Pressure Indicator located behind the left instrument panel.		
	33-10-04-01	S2349-3	
	33-10-04-02	S2349-3	
	79-30-01-01	S2349-3	
J1016	CONNECTOR - Disconnect for E1006 Vertical Speed Indicator located behind left instrument panel.		
	33-10-03-01	S2035-2	
J1017	CONNECTOR - Disconnect for E1014/E1024 EGT/CHT Indicator located behind left instrument panel.		
	33-10-01-01	S2349-3	
	33-10-01-02	S2349-3	
	33-10-01-03	S2349-3	
	33-10-04-01	S2349-3	
	33-10-04-02	S2349-3	
	77-20-01-01	S2349-3	
	77-20-01-02	S2349-3	
J1019	CONNECTOR - Disconnect for E1012 Ammeter/Vacuum Indicator located behind left instrument panel.		
	24-30-01-01	S2349-3	
	24-30-01-02	S2349-3	
	33-10-04-01	S2349-3	
	33-10-04-02	S2349-3	
J1021	CONNECTOR - Disconnect for E1019 Clock/Oat Indicator located behind left instrument panel.		
	31-20-01-02	RD9F00JVL0	
	31-20-01-03	RD9F00JVL0	
	31-20-01-04	RD9F00JVL0	
	31-20-01-05	RD9F00JVL0	
	33-10-04-02	RD9F00JVL0	
J1024	CONNECTOR - Disconnect for E1023 Altimeter Indicator located behind left instrument panel.		
	33-10-09-01	S2035-2	
J1026	CONNECTOR - Cabin overhead.		
	33-10-05-02	S1638-1	
	33-10-05-03	S1638-1	
			81234 81272 9771 10102
J1030	CONNECTOR		
	33-10-02-01	S2035-2	
J1032	CONNECTOR - Disconnect for UI001 Glareshield Light Power Supply located behind instrument panel on far left side.		
	33-10-06-01	S1638-1	
J1043	CONNECTOR - Cabin overhead.		
	33-10-05-04	S1641-6	
	33-10-05-05	S1641-6	
			81273 & ON 10103 & ON
J1314	CONNECTOR		
	34-20-05-01	S2035-1	
			81241 & ON 9810 & ON
J1504	CONNECTOR - Disconnect for Copilot's Control Wheel located behind right instrument panel.		
	23-50-10-01	S2035-2	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
J1505	CONNECTOR - Disconnect for Pilot's Control Wheel located behind left instrument panel.	23-50-10-01	S1638-5
J1506	CONNECTOR - Disconnect for Pilot's Control Wheel located behind left instrument panel.	22-10-02-02	S1641-6
		22-10-02-03	S1641-6
		22-10-30-01	S1641-6
		22-10-31-01	S1641-6
		22-10-32-01	S1641-6
		22-10-33-01	S1641-6
		23-50-10-02	S1641-6
		23-50-10-03	S1641-6
		23-50-10-04	S1641-6
		23-50-20-01	S1641-6
		23-50-20-02	S1641-6
		23-50-20-03	S1641-6
		23-50-21-01	S1641-6
		33-10-02-02	S1641-6
		33-10-02-03	S1641-6
		33-10-02-04	S1641-6
J1513	CONNECTOR	23-50-22-01	S2035-2
		23-50-24-01	S2035-2
			81241 & ON 9810 & ON
J1513	CONNECTOR - Disconnect for Copilot's Control Wheel located behind right instrument panel.	23-50-10-02	S1641-6
		23-50-10-03	S1641-6
		23-50-10-04	S1641-6
		23-50-20-01	S1641-6
		23-50-20-02	S1641-6
		23-50-20-03	S1641-6
		23-50-21-01	S1641-6
		23-50-21-02	S1641-6
		23-50-21-03	S1641-6
		23-50-24-01	S1641-6
J1514	CONNECTOR - Disconnect for Pilot's Control Wheel located behind left instrument panel.	22-10-40-01	S1641-9
		22-10-41-01	S1641-9
		22-10-42-01	S1641-9
		22-10-43-01	S1641-9
		22-10-44-01	S1641-9
		22-10-45-01	S1641-9
		22-10-46-01	S1641-9
		23-50-21-02	S1641-9
		23-50-21-03	S1641-9
		23-50-22-01	S1641-9
		23-50-24-01	S1641-9
		33-10-02-05	S1641-9

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
J1901	CONNECTOR - Disconnect for Avionics Cooling Fan located behind left instrument panel.	21-20-01-02	S2350-3
		21-20-01-03	S2350-3
		22-10-02-02	S2350-3
		22-10-02-03	S2350-3
		22-10-30-01	S2350-3
		22-10-31-01	S2350-3
		22-10-32-01	S2350-3
		22-10-33-01	S2350-3
		22-10-40-01	S2350-3
		22-10-41-01	S2350-3
		22-10-42-01	S2350-3
		22-10-43-01	S2350-3
		22-10-44-01	S2350-3
		22-10-45-01	S2350-3
		23-50-10-02	S2350-3
		23-50-10-03	S2350-3
		23-50-10-04	S2350-3
		23-50-20-01	S2350-3
		23-50-20-02	S2350-3
		23-50-20-03	S2350-3
		23-50-21-01	S2350-3
		23-50-21-02	S2350-3
		23-50-21-03	S2350-3
		24-62-20-01	S2350-3
		24-62-21-01	S2350-3
		34-20-01-01	S2350-3
		34-20-01-02	S2350-3
		34-20-02-01	S2350-3
		34-20-02-02	S2350-3
		34-20-04-01	S2350-3
		34-40-01-01	S2350-3
		34-50-10-02	S2350-3
		34-50-10-03	S2350-3
		34-50-11-01	S2350-3
		34-50-11-02	S2350-3
		34-50-12-01	S2350-3
		34-50-12-02	S2350-3
		34-50-12-03	S2350-3
		34-50-13-01	S2350-3
		34-50-20-02	S2350-3
		34-50-20-03	S2350-3
		34-51-01-01	S2350-3
		34-51-01-02	S2350-3
		34-52-20-02	S2350-3
		34-52-21-01	S2350-3
		34-52-22-01	S2350-3
		34-52-23-01	S2350-3
		34-52-23-02	S2350-3
		34-52-24-01	S2350-3
		34-52-25-01	S2350-3
		34-52-26-01	S2350-3
		34-52-27-01	S2350-3
		34-53-01-01	S2350-3
		34-53-01-02	S2350-3
		34-53-01-03	S2350-3

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
JL002	CONNECTOR - Left wing electrical disconnect located at left wing root.		
	28-40-01-01	S1641-9	
	30-30-01-01	S1641-9	
	30-30-01-02	S1641-9	
	33-40-01-01	S1641-9	
	33-40-01-02	S1641-9	
	33-40-01-03	S1641-9	
	33-40-01-04	S1641-9	
	33-40-01-05	S1641-9	
	33-40-02-01	S1641-9	
	33-40-02-02	S1641-9	
	33-40-02-03	S1641-9	
	33-40-02-04	S1641-9	
	33-40-04-01	S1641-9	
	33-40-04-02	S1641-9	
	33-40-04-03	S1641-9	
	33-40-05-01	S1641-9	
	33-40-05-02	S1641-9	
	33-40-05-03	S1641-9	
JL003	CONNECTOR - Disconnect for FL003 Navigation Light located in left wing tip.		
	33-40-01-01	S1637-2	
	33-40-01-02	S1637-2	
JL005	CONNECTOR - Disconnect for UL001 Strobe Light Power Supply located in left wing tip.		
	33-40-02-01	S1637-2	
	33-40-02-02	S1637-2	
	33-40-02-03	S1637-2	
	33-40-02-04	S1637-2	
JL006	CONNECTOR - Disconnect for TL001 Pitot Heater located in left wing near wing root.		
	30-30-01-01	S1637-2	
	30-30-01-02	S1637-2	
JL007	CONNECTOR - Disconnect for TL001 Pitot Heater ground located near left wing root.		
	30-30-01-01	S1637-2	
	30-30-01-02	S1637-2	
JL008	CONNECTOR		
	33-40-01-03	S2035-2	
	33-40-01-04	S2035-2	
	33-40-01-05	S2035-2	
		81201 & ON	
		9569 & ON	
JM300	CONNECTOR - Disconnect for Flux Detector located in left wing near wing root.		
	34-20-03-01	206434-1	
	34-20-03-02	206434-1	
JN001	CONNECTOR - Disconnect for the Fuel Pressure Transducer located in nose on top of engine.		
	77-20-01-01	S2800-277	
	77-20-01-02	S2800-277	
JN004	CONNECTOR - Disconnect for Uf006 Oil Pressure Transducer located in nose on top of engine.		
	77-40-01-01	S2800-277	
	79-30-01-01	S2800-277	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
JN005	CONNECTOR KIT - Disconnect for SN001 Oil Pressure Switch located in nose on top of engine.		
	31-20-01-01	S2800-276	
	31-20-01-02	S2800-276	
	31-20-01-03	S2800-276	
	31-20-01-04	S2800-276	
	31-20-01-05	S2800-276	
	77-40-01-01	S2800-276	
JN006	THERMOCOUPLE JACK - Connects to UN005 EGT Probe located in the nose.		
	77-20-01-01	MJ500-K	
	77-20-01-02	MJ500-K	
JN009	CONNECTOR KIT		
	77-40-01-01	S2800-340	
JN011	CONNECTOR		
	77-40-01-01	NMP-K-F	
JN012	CONNECTOR		
	77-40-01-01	NMP-K-F	
JN013	CONNECTOR		
	77-40-01-01	NMP-K-F	
JN014	CONNECTOR		
	77-40-01-01	NMP-K-F	
JN017	CONNECTOR		
	77-40-01-01	NMP-K-F	
JN018	CONNECTOR		
	77-40-01-01	NMP-K-F	
JN019	CONNECTOR		
	77-40-01-01	NMP-K-F	
JN020	CONNECTOR		
	77-40-01-01	NMP-K-F	
JR001	CONNECTOR - Disconnect for right wing located on rib in right wing root.		
	27-50-01-01	S1641-9	
	27-50-01-02	S1641-9	
	27-50-01-03	S1641-9	
	28-40-01-01	S1641-9	
	33-40-01-01	S1641-9	
	33-40-01-02	S1641-9	
	33-40-01-03	S1641-9	
	33-40-01-04	S1641-9	
	33-40-01-05	S1641-9	
	33-40-02-01	S1641-9	
	33-40-02-02	S1641-9	
	33-40-02-03	S1641-9	
	33-40-02-04	S1641-9	
	33-40-04-01	S1641-9	
	33-40-04-02	S1641-9	
	33-40-04-03	S1641-9	
JR002	CONNECTOR - Disconnect for FR001 Navigation Lights in right wing tip.		
	33-40-01-01	S1637-2	
	33-40-01-02	S1637-2	
JR004	CONNECTOR - Connects to UR001 Strobe Light Power Supply located in right wing tip.		
	33-40-02-01	S1637-2	
	33-40-02-02	S1637-2	
	33-40-02-03	S1637-2	
	33-40-02-04	S1637-2	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
JR005	CONNECTOR - Disconnect for Flap Actuator located in right wing near wing root. 27-50-01-01 27-50-01-02 27-50-01-03	S2035-2 S2035-2 S2035-2		JZ900	CONNECTOR - Disconnect for HI105 Wing Leveler Circuit Breaker behind instrument panel on left side. 21-20-01-01 22-10-02-01 23-50-10-01 24-62-11-01 34-50-10-01 34-50-20-01 34-52-20-01	S2350-3 S2350-3 S2350-3 S2350-3 S2350-3 S2350-3 S2350-3	
JR006	CONNECTOR - Disconnect for Flap Motor located in right wing near wing root. 27-50-01-01 27-50-01-02 27-50-01-03	S1638-1 S1638-1 S1638-1		JZ905	CONNECTOR - Disconnect for right instrument panel located behind right instrument panel. 25-60-01-01 25-60-01-02 25-60-01-03	LMD-4001-P LMD-4001-P LMD-4001-P	80001 81097 8001 9062
JR007	CONNECTOR - Disconnect for Avionics Flap Actuator located in right wing near root. 27-50-01-02 27-50-01-03	S1638-2 S1638-2	80831 & ON 8348 & ON	JZ906	CONNECTOR - Instrument panel disconnect for ELT Switch/Indicator located behind right instrument panel. 25-60-01-04 25-60-01-05	S3556-12 S3556-12	81098 & ON 9063 & ON
JR010	CONNECTOR 33-40-01-03 33-40-01-04 33-40-01-05	S2035-2 S2035-2 S2035-2		L1	MAP LIGHT - Located on Pilot's Control Wheel on left side of cabin. 27-10-01-01 27-10-01-02 33-10-02-01 33-10-02-02 33-10-02-03 33-10-02-04 33-10-02-05	S2521-1 S2521-1 S2521-1 S2521-1 S2521-1 S2521-1 S2521-1	
JR022	CONNECTOR - Disconnect for Flap Actuator located in right wing near wing root. 27-50-01-01 27-50-01-02 27-50-01-03	S2035-2 S2035-2 S2035-2		MN001	ALTERNATOR - Located in nose on engine. 24-20-01-01	9910591-5	80001 80325
JS300	CONNECTOR - Disconnect in leading edge of right wing near wing root. 22-10-01-01 22-10-01-02 22-10-01-03 22-10-01-04	S1641-9 S1641-9 S1641-9 S1641-9		MN001	ALTERNATOR - Located in nose on engine. 24-20-01-01 24-20-01-02 24-20-01-03	9910591-11 9910591-11 9910591-11	80326 & ON 8001 & ON
JV001	CONNECTOR - Disconnect for Vertical Tail located at base of rudder. 33-40-01-01 33-40-01-02 33-40-01-03 33-40-01-04 33-40-01-05	S1637-2 S1637-2 S1637-2 S1637-2 S1637-2		MN002	STARTER - Located in nose on engine. 24-30-01-01 24-30-01-02 24-30-01-03	31B22207 31B22207 31B22207	
JV002	CONNECTOR - Disconnect for Navigation Lights located in base of rudder. 33-40-01-01 33-40-01-02 33-40-01-03 33-40-01-04 33-40-01-05	S1637-2 S1637-2 S1637-2 S1637-2 S1637-2		MR001	FLAP MOTOR ASSEMBLY - Located in right wing by flaps. 27-50-01-01 27-50-01-02 27-50-01-03	C301002-0110 C301002-0110 C301002-0110	
JV004	CONNECTOR - Disconnect for FV002/FV003 Flashing Beacon located in vertical tail. 33-40-03-01 33-40-03-02	S2035-2 S2035-2		NZ001	BATTERY 24-40-01-01 24-40-01-02	6100192-000 6100192-000	
JV005	CONNECTOR - Vertical tail disconnect for Flashing Beacon located in base of vertical tail. 33-40-03-01 33-40-03-02	S2035-2 S2035-2		P1	CONNECTOR 73-10-01-01 73-10-01-02	S2035-1 S2035-1	
JV1002	JACK - Disconnect for Navigation Antenna at base of vertical tail. 34-50-01-02	S2046-3					

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
P1	CONNECTOR		
	33-10-01-01	S1641-9	
	33-10-01-02	S1641-9	
	33-10-01-03	S1641-9	
	33-10-01-04	S1641-9	
	33-10-05-02	S1641-9	
	33-10-05-03	S1641-9	
	33-10-05-04	S1641-9	
	33-10-05-05	S1641-9	
	33-10-07-01	S1641-9	
	33-10-08-01	S1641-9	
	33-10-08-02	S1641-9	
P1	CONNECTOR - Disconnect for UI001 Power Supply located behind instrument panel.		
	33-10-06-01	S1638-2	
P1	CONNECTOR		
	27-10-01-01	S1640-9	
	27-10-01-02	S1640-9	
P1	CONNECTOR		
	27-10-01-01	S2035-2	
	27-10-01-02	S2035-2	
P3	TERMINAL		
	33-10-08-02	08-50-0114	81273 & ON 10103 & ON
PB017	CONNECTOR KIT - Located under Junction Box on left side of nose.		
	24-20-01-01	S2800-275	
	24-30-01-01	S2800-275	
PB018	CONNECTOR KIT - Located under Junction Box on left side of nose.		
	24-20-01-01	S2800-274	
	24-20-01-02	S2800-274	
	24-20-01-03	S2800-274	
	24-30-01-01	S2800-274	
	24-30-01-02	S2800-274	
	24-30-01-03	S2800-274	
	31-20-01-01	S2800-274	
	31-20-01-02	S2800-274	
	31-20-01-03	S2800-274	
	31-20-01-04	S2800-274	
	31-20-01-05	S2800-274	
	74-10-01-01	S2800-274	
	74-10-01-02	S2800-274	
	74-10-01-03	S2800-274	
	77-40-01-01	S2800-274	
PB019	CONNECTOR KIT - Located in Junction Box in left side of nose.		
	24-20-01-02	KTKSAD10280X3	
	24-20-01-03	KTKSAD10280X3	
	24-30-01-02	KTKSAD10280X3	
	24-30-01-03	KTKSAD10280X3	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PC001	CONNECTOR - Disconnect for Electrical Circuit Breaker Panel located in cabin behind instrument panel.		
	24-20-01-01	S2350-10	
	24-20-01-02	S2350-10	
	24-30-01-01	S2350-10	
	24-30-01-02	S2350-10	
	24-50-01-01	S2350-10	
	24-50-01-02	S2350-10	
	24-61-01-01	S2350-10	
	24-61-01-02	S2350-10	
	24-61-01-03	S2350-10	
	24-61-02-01	S2350-10	
	28-40-01-01	S2350-10	
	28-40-01-02	S2350-10	
	31-20-01-01	S2350-10	
	31-20-01-02	S2350-10	
	31-20-01-03	S2350-10	
	31-20-01-04	S2350-10	
	31-20-01-05	S2350-10	
	33-10-01-01	S2350-10	
	33-10-01-02	S2350-10	
	33-10-01-03	S2350-10	
	33-10-02-01	S2350-10	
	33-10-02-02	S2350-10	
	33-10-02-03	S2350-10	
	33-10-02-04	S2350-10	
	33-10-05-01	S2350-10	
	33-10-05-02	S2350-10	
	33-10-05-05	S2350-10	
	33-10-06-01	S2350-10	
	33-40-01-01	S2350-10	
	33-40-01-02	S2350-10	
	33-40-01-03	S2350-10	
	33-40-01-04	S2350-10	
	33-40-02-01	S2350-10	
	33-40-02-02	S2350-10	
	33-40-02-03	S2350-10	
	34-21-01-01	S2350-10	
	37-20-01-01	S2350-10	
	37-20-01-02	S2350-10	
	73-10-01-01	S2350-10	
	74-10-01-01	S2350-10	
	74-10-01-02	S2350-10	
	77-20-01-01	S2350-10	
	77-20-01-02	S2350-10	
	79-30-01-01	S2350-10	
PC003	CONNECTOR - Located on support above glareshield.		
	33-10-01-01	S2035-1	
	33-10-01-02	S2035-1	
	33-10-01-03	S2035-1	
	33-10-01-04	S2035-1	
PC004	CONNECTOR - Disconnect for Pedestal Light located behind instrument panel.		
	33-10-01-01	S2035-1	
	33-10-01-02	S2035-1	
	33-10-01-03	S2035-1	
	33-10-01-04	S2035-1	
		80001 80983 8001 8703	
PC005	CONNECTOR - Disconnect for Dimming Control Module located behind right instrument panel on outboard side.		
	33-10-01-01	S1640-9	
	33-10-01-02	S1640-9	
	33-10-01-03	S1640-9	
	33-10-01-04	S1640-9	
	33-10-06-01	S1640-9	
	33-10-06-02	S1640-9	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PC007	CONNECTOR - Avionics/Electrical disconnect behind instrument panel.		
	22-10-02-01	S1640-9	
	22-10-02-02	S1640-9	
	22-10-02-03	S1640-9	
	22-10-30-01	S1640-9	
	22-10-31-01	S1640-9	
	22-10-32-01	S1640-9	
	22-10-33-01	S1640-9	
	22-10-40-01	S1640-9	
	22-10-40-01	S1640-9	
	22-10-41-01	S1640-9	
	22-10-41-01	S1640-9	
	22-10-42-01	S1640-9	
	22-10-42-01	S1640-9	
	22-10-43-01	S1640-9	
	22-10-43-01	S1640-9	
	22-10-44-01	S1640-9	
	22-10-44-01	S1640-9	
	22-10-45-01	S1640-9	
	22-10-45-01	S1640-9	
	23-50-10-01	S1640-9	
	23-50-10-02	S1640-9	
	23-50-10-03	S1640-9	
	23-50-10-04	S1640-9	
	23-50-20-01	S1640-9	
	23-50-20-02	S1640-9	
	23-50-20-03	S1640-9	
	23-50-21-01	S1640-9	
	23-50-21-02	S1640-9	
	23-50-21-03	S1640-9	
	24-61-01-01	S1640-9	
	24-61-01-02	S1640-9	
	24-61-01-03	S1640-9	
	25-60-01-01	S1640-9	
	25-60-01-02	S1640-9	
	25-60-01-03	S1640-9	
	25-60-01-04	S1640-9	
	31-50-01-01	S1640-9	
	31-50-01-02	S1640-9	
	31-50-01-03	S1640-9	
	31-50-01-04	S1640-9	
	33-10-01-01	S1640-9	
	33-10-01-02	S1640-9	
	33-10-01-03	S1640-9	
	33-10-02-02	S1640-9	
	33-10-02-03	S1640-9	
	33-10-02-04	S1640-9	
	34-21-01-01	S1640-9	
	34-52-21-01	S1640-9	
	34-52-22-01	S1640-9	
	34-52-23-01	S1640-9	
	34-52-23-02	S1640-9	
	34-52-24-01	S1640-9	
	34-52-25-01	S1640-9	
	34-52-26-01	S1640-9	
	34-52-27-01	S1640-9	
PC009	CONNECTOR - In cabin located behind instrument panel.		
	24-50-01-01	S1638-8	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PC010	CONNECTOR - Circuit breaker panel disconnect located behind circuit breaker panel on left side.		
	24-61-01-01	S1640-6	
	24-61-01-02	S1640-6	
	24-61-01-03	S1640-6	
	24-61-02-01	S1640-6	
	27-50-01-01	S1640-6	
	27-50-01-02	S1640-6	
	30-30-01-01	S1640-6	
	33-40-03-01	S1640-6	
	33-40-05-01	S1640-6	
	33-40-05-02	S1640-6	
PC011	CONNECTOR - Located in overhead console in cabin.		
	33-10-05-01	S1638-2	
	33-40-04-01	S1638-2	
PC012	CONNECTOR - Circuit breaker panel disconnect located behind circuit breaker panel on left side.		
	24-61-01-01	S2035-1	
	24-61-01-02	S2035-1	
	24-61-01-03	S2035-1	
	24-61-02-01	S2035-1	
	24-62-11-01	S2035-1	
	24-62-11-02	S2035-1	
	24-62-11-03	S2035-1	
	24-62-20-01	S2035-1	
	24-62-21-01	S2035-1	
	24-62-22-01	S2035-1	
	24-62-23-01	S2035-1	
	24-62-24-01	S2035-1	
	24-62-25-01	S2035-1	
	24-62-26-01	S2035-1	
	24-62-27-01	S2035-1	
	24-62-28-01	S2035-1	
	24-62-29-01	S2035-1	
	24-62-30-01	S2035-1	
	24-62-31-01	S2035-1	
	24-62-32-01	S2035-1	
	24-62-33-01	S2035-1	
	24-62-34-01	S2035-1	
	24-62-35-01	S2035-1	
PC014	CONNECTOR - Connects to SI003 Annunciator Test/Dim Switch located behind center instrument panel.		
	31-50-01-01	S1638-2	
PC015	CONNECTOR - Connects to SI004 Annunciator Test/Dim Switch located behind center instrument panel.		
	31-50-01-02	S1640-6	
	31-50-01-03	S1640-6	
	31-50-01-04	S1640-6	
	33-10-01-02	S1640-6	
	33-10-01-03	S1640-6	
PC022	CONNECTOR - Located in cabin below instrument panel.		
	24-50-01-02	1-160759-1	
	24-50-01-03	1-160759-1	
	24-50-01-04	1-160759-1	
PC023	CONNECTOR - Pilots lower left instrument panel.		
	24-61-03-01	S2349-5	
			81241 & ON
			9810 & ON

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PC024	CONNECTOR		
	24-50-01-03	S2349-3	
	24-50-01-04	S2349-3	
	24-61-03-01	S2349-3	
	27-50-01-03	S2349-3	
	33-10-01-04	S2349-3	
	33-10-05-03	S2349-3	
	33-10-05-04	S2349-3	
	74-10-01-03	S2349-3	
	77-40-01-01	S2349-3	
		81241 & ON	
		9810 & ON	
PC025	CONNECTOR - Pilots lower left instrument panel.		
	24-40-01-01	S2349-1	
	24-40-01-02	S2349-1	
	24-61-03-01	S2349-1	
		81241 & ON	
		9810 & ON	
PC026	CONNECTOR - Located behind instrument panel.		
	24-20-01-03	S2349-1	
	24-30-01-03	S2349-1	
	24-40-01-01	S2349-1	
	24-40-01-02	S2349-1	
	30-30-01-02	S2349-1	
	33-10-02-05	S2349-1	
	33-40-01-05	S2349-1	
	33-40-02-04	S2349-1	
	33-40-03-02	S2349-1	
	33-40-05-03	S2349-1	
	73-10-01-02	S2349-1	
	77-40-01-01	S2349-1	
		81241 & ON	
		9810 & ON	
PC031	CONNECTOR		
	33-10-01-04	S2349-3	
	33-10-02-05	S2349-3	
	77-40-01-01	S2349-3	
		81241 & ON	
		9810 & ON	
PC035	CONNECTOR - Cabin overhead.		
	33-10-05-02	S1640-6	
	33-10-05-03	S1640-6	
	33-40-04-02	S1640-6	
		81234 81272	
		9771 10102	
PC036	CONNECTOR - Cabin overhead.		
	33-10-05-04	S1640-9	
	33-10-05-05	S1640-9	
	33-40-04-03	S1640-9	
		81273 & ON	
		10103 & ON	
PC037	CONNECTOR		
	24-40-01-02	S2349-2	
	24-50-01-04	S2349-2	
PC1002	CONNECTOR - Connects to UC1002 Comm #2 Antenna located under fuselage on bottom skin of airplane.		
	34-50-20-01	UG88C/U	
PC1004	CONNECTOR		
	34-52-20-01	225555-6	
		80001 80003	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PC1005	CONNECTOR - Disconnect for UC1005 Transponder Antenna located under fuselage on bottom skin of airplane.		
	34-53-01-02	UG913A/U	
		80001 80983	
		8001 8703	
PC1006	CONNECTOR - Disconnect for UC1005 Transponder Antenna located under fuselage on bottom skin of airplane.		
	34-53-01-01	UG913A/U	
	34-53-01-03	UG913A/U	
	34-53-02-01	UG913A/U	
		80852 & ON	
		8372 & ON	
PC1007	CONNECTOR - Connects to UC1007 Comm #2 Antenna located under fuselage on bottom skin of airplane.		
	23-50-25-01	UG913A/U	
	34-50-20-02	UG913A/U	
	34-50-20-03	UG913A/U	
PC1008	CONNECTOR - Connects to UC1008 Nav/Comm antenna located under fuselage on bottom skin of airplane.		
	34-52-20-02	225555-6	
	34-52-21-01	225555-6	
	34-52-22-01	225555-6	
	34-52-23-01	225555-6	
	34-52-23-02	225555-6	
	34-52-24-01	225555-6	
	34-52-25-01	225555-6	
	34-52-26-01	225555-6	
	34-52-27-01	225555-6	
PC1010	CONNECTOR		
	23-50-25-01	225559-2	
PC302	JACK - Connects to Audio Panel and is located in left side of cabin.		
	23-50-10-01	S1612-1	
PC303	JACK - Connects to Audio Panel and is located in left side of cabin.		
	23-50-10-01	S1102-1	
PC304	JACK - Connects to Audio Panel and is located in left side of cabin.		
	23-50-10-01	S1102-1	
PC502	JACK - Connects to Audio Panel and is located in left side of cabin.		
	23-50-10-02	S1612-1	
	23-50-20-01	S1612-1	
	23-50-20-02	S1612-1	
	23-50-21-01	S1612-1	
		80001 80983	
		8001 8703	
PC503	JACK - Connects to Audio Panel and is located in left side of cabin.		
	23-50-10-02	S1102-1	
	23-50-20-01	S1102-1	
	23-50-20-02	S1102-1	
	23-50-21-01	S1102-1	
		80001 80983	
		8001 8703	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PC504	JACK - Connects to Audio Panel and is located in left side of cabin.			PC515	JACK - Located in passenger compartment on side panel.		
	23-50-10-02	S1102-1			23-50-10-03	N112B	
	23-50-20-01	S1102-1			23-50-10-04	N112B	
	23-50-20-02	S1102-1			23-50-20-03	N112B	
	23-50-21-01	S1102-1			23-50-21-02	N112B	
			80001 80983		23-50-21-03	N112B	
			8001 8703		23-50-22-01	N112B	
					23-50-24-01	N112B	
PC505	JACK - Located in passenger compartment on side panel.						80984 & ON 8704 & ON
	23-50-10-02	S1102-1		PC517	JACK - Located in passenger compartment on side panel.		
	23-50-20-01	S1102-1			23-50-10-03	MNS112B	
	23-50-20-02	S1102-1			23-50-10-04	MNS112B	
	23-50-21-01	S1102-1			23-50-20-03	MNS112B	
			80001 80983		23-50-21-02	MNS112B	
			8001 8703		23-50-21-03	MNS112B	
PC506	JACK - Located in passenger compartment on side panel.				23-50-22-01	MNS112B	
	23-50-10-02	S1612-1			23-50-24-01	MNS112B	
	23-50-20-01	S1612-1					80984 & ON 8704 & ON
	23-50-20-02	S1612-1		PC522	CONNECTOR - Located in passenger compartment on side panel.		
	23-50-21-01	S1612-1			23-50-10-04	S3556-4	
			80001 80983		23-50-21-03	S3556-4	
			8001 8703		23-50-24-01	S3556-4	
PC509	JACK - Connects to Audio Panel and is located in left side of cabin.						81098 & ON 9063 & ON
	23-50-10-03	N112B		PC523	CONNECTOR		
	23-50-10-04	N112B			23-20-01-01	S3556-6	
	23-50-20-03	N112B			23-21-01-01	S3556-6	
	23-50-21-02	N112B					81241 & ON 9810 & ON
	23-50-21-03	N112B		PC600	CONNECTOR - Connects to ADF Antenna located on bottom of fuselage.		
	23-50-22-01	N112B			34-51-01-01	MS27473E12F35P	
	23-50-24-01	N112B			34-51-01-02	MS27473E12F35P	
			80984 & ON 8704 & ON		34-51-01-03	MS27473E12F35P	
PC510	JACK - Located in right side of cabin on top of pedestal.			PC800	CONNECTOR - Located behind instrument panel on right side of cabin.		
	23-50-10-03	MNS112B			34-52-20-01	M24308/2-2	
	23-50-10-04	MNS112B			34-52-20-02	M24308/2-2	
	23-50-20-03	MNS112B			34-52-21-01	M24308/2-2	
	23-50-21-02	MNS112B			34-52-22-01	M24308/2-2	
	23-50-21-03	MNS112B			34-52-23-01	M24308/2-2	
	23-50-22-01	MNS112B			34-52-23-02	M24308/2-2	
	23-50-24-01	MNS112B			34-52-24-01	M24308/2-2	
			80984 & ON 8704 & ON		34-52-25-01	M24308/2-2	
PC511	JACK - Connects to Audio Panel located in left side of cabin.				34-52-26-01	M24308/2-2	
	23-50-10-03	MNS112B			34-52-27-01	M24308/2-2	
	23-50-10-04	MNS112B			34-53-01-01	M24308/2-2	
	23-50-20-03	MNS112B			34-53-01-02	M24308/2-2	
	23-50-21-02	MNS112B			34-53-01-03	M24308/2-2	
	23-50-21-03	MNS112B		PC901	CONNECTOR - Located behind instrument panel.		
	23-50-22-01	MNS112B			21-20-01-01	03-06-1023	
	23-50-22-01	MNS112B			21-20-01-02	03-06-1023	
	23-50-24-01	MNS112B			21-20-01-03	03-06-1023	
			80984 & ON 8704 & ON	PF003	CONNECTOR KIT		
PC512	JACK - Located in passenger compartment on side panel.				77-40-01-01	AEKTKSAD0404	
	23-21-01-01	35RAPC4BH3		PF004	CONNECTOR		
	23-50-10-03	35RAPC4BH3			24-50-01-03	S1641-6	
	23-50-20-03	35RAPC4BH3			24-50-01-04	S1641-6	
	23-50-21-02	35RAPC4BH3					
			80984 & ON 8704 & ON				

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PF1000	CONNECTOR - Connects to UF1000 Marker Beacon Antenna located on bottom of fuselage. 23-50-10-01	331178	80001 80003
PF1001	CONNECTOR - Connects to UF1001 Marker Beacon Antenna located on bottom of fuselage. 23-50-10-02 23-50-10-03 23-50-20-01 23-50-20-02 23-50-20-03 23-50-21-01 23-50-21-02	UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U	80004 81097 8001 9062
PF1001	CONNECTOR - Connects to UF1001 Marker Beacon Antenna located on bottom of fuselage. 23-50-10-04 23-50-20-03 23-50-21-03	S3284-1 S3284-1 S3284-1	81098 & ON 9063 & ON
PF1001	CONNECTOR - connects to Marker Beacon antenna. 23-50-22-01 23-50-24-01	UG913A/U UG913A/U	81241 & ON 9810 & ON
PF1002	CONNECTOR - Connects to UF1002 Comm #1 Antenna located under fuselage on bottom skin of airplane. 23-50-25-01 34-50-10-02 34-50-10-03 34-50-11-01 34-50-11-02 34-50-12-01 34-50-12-02 34-50-12-03 34-50-13-01	UG913A/U UG913A/U UG913A/U UG913A/U UG913A/U UG913A/U UG913A/U UG913A/U UG913A/U	
PF1010	CONNECTOR 23-50-25-01	225559-2	
PF1011	CONNECTOR 34-50-17-01	UG88C/U	
PF300	CONNECTOR 34-10-01-01	S3556-4	81241 & ON 9810 & ON
PF302	JACK - Connects to Audio Panel and is located on right side of cabin. 23-50-10-01	S1612-1	
PF303	JACK - Connects to Audio Panel and is located on right side of cabin. 23-50-10-01	S1102-1	
PF502	JACK - Connects to Audio Panel and is located on right side of cabin. 23-50-10-02 23-50-20-01 23-50-20-02 23-50-21-01	S1612-1 S1612-1 S1612-1 S1612-1	80001 80983 8001 8703

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PF503	JACK - Connects to Audio Panel and is located on right side of cabin. 23-50-10-02 23-50-20-01 23-50-20-02 23-50-21-01	S1102-1 S1102-1 S1102-1 S1102-1	80001 80983 8001 8703
PF504	JACK - Located in passenger compartment on side panel. 23-50-10-02 23-50-20-01 23-50-20-02 23-50-21-01	S1612-1 S1612-1 S1612-1 S1612-1	80001 80983 8001 8703
PF505	JACK - Located in passenger compartment on side panel. 23-50-10-02 23-50-20-01 23-50-20-02 23-50-21-01	S1102-1 S1102-1 S1102-1 S1102-1	80001 80983 8001 8703
PF508	JACK - Located in passenger compartment on side panel. 23-50-10-03 23-50-10-04 23-50-20-03 23-50-21-02 23-50-21-03 23-50-22-01 23-50-24-01	N112B N112B N112B N112B N112B N112B N112B	80984 & ON 8704 & ON
PF509	JACK - Located in passenger compartment on side panel. 23-50-10-03 23-50-10-04 23-50-20-03 23-50-21-02 23-50-21-03 23-50-22-01 23-50-24-01	MNS112B MNS112B MNS112B MNS112B MNS112B MNS112B MNS112B	80984 & ON 8704 & ON
PF512	JACK - Connects to Audio Panel and is located on right side of cabin. 23-50-10-03 23-50-10-04 23-50-20-03 23-50-21-02 23-50-21-03 23-50-22-01 23-50-24-01	N112B N112B N112B N112B N112B N112B N112B	80984 & ON 8704 & ON

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PF903	CONNECTOR - Ground for Avionics Cooling Fans located behind instrument panel.		
	21-20-01-02	SK2701	
	21-20-01-03	SK2701	
	22-10-30-01	SK2701	
	22-10-31-01	SK2701	
	22-10-32-01	SK2701	
	22-10-33-01	SK2701	
	22-10-40-01	SK2701	
	22-10-41-01	SK2701	
	22-10-42-01	SK2701	
	22-10-43-01	SK2701	
	22-10-44-01	SK2701	
	22-10-45-01	SK2701	
	22-10-46-01	SK2701	
	23-50-10-02	SK2701	
	23-50-10-03	SK2701	
	23-50-10-04	SK2701	
	23-50-20-01	SK2701	
	23-50-20-02	SK2701	
	23-50-20-03	SK2701	
	23-50-21-01	SK2701	
	23-50-21-02	SK2701	
	23-50-21-03	SK2701	
	23-50-22-01	SK2701	
	23-50-24-01	SK2701	
	34-20-01-01	SK2701	
	34-20-01-02	SK2701	
	34-20-02-01	SK2701	
	34-20-02-02	SK2701	
	34-20-05-01	SK2701	
	34-51-02-01	SK2701	
	34-52-20-02	SK2701	
	34-52-21-01	SK2701	
	34-52-22-01	SK2701	
	34-52-23-01	SK2701	
	34-52-23-02	SK2701	
	34-52-24-01	SK2701	
	34-52-25-01	SK2701	
	34-52-26-01	SK2701	
	34-52-27-01	SK2701	
	34-53-01-01	SK2701	
	34-53-01-02	SK2701	
	34-53-01-03	SK2701	
PI001	CONNECTOR - Disconnect for Flap Handle located behind lower instrument panel on right side.		
	27-50-01-01	S1638-4	
	27-50-01-02	S1638-4	
	27-50-01-03	S1638-4	
PI004	CONNECTOR - Located behind left instrument panel on outboard side.		
	31-20-01-01	S1638-2	
	33-10-04-01	S1638-2	
			80001 80300
PI007	CONNECTOR - Located behind instrument panel.		
	33-10-03-01	S2035-1	
	34-20-02-01	S2035-1	
	34-20-02-02	S2035-1	
PI008	CONNECTOR - Located behind Pilots instrument panel		
	33-10-03-01	S2035-1	
PI009	CONNECTOR - Located behind Pilots instrument panel		
	33-10-03-01	S2035-1	
	33-10-03-02	S2035-1	
PI010	CONNECTOR - Located behind Pilots instrument panel		
	33-10-03-01	S2035-1	
	33-10-03-02	S2035-1	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI011	CONNECTOR - Located behind Pilots instrument panel 33-10-03-01 33-10-03-02 33-10-09-01	S2035-1 S2035-1 S2035-1	
PI012	CONNECTOR - Located behind center instrument panel. 33-10-01-01 33-10-01-02 33-10-01-03 33-10-03-01 33-10-09-01	S1638-4 S1638-4 S1638-4 S1638-4 S1638-4	
PI012A	CONNECTOR - Located behind center instrument panel when 2nd Altimeter option is used. 33-10-09-01	S1638-4	
PI014	CONNECTOR - Located behind Pilot's instrument panel 33-10-03-01	S2035-1	
PI016	CONNECTOR - Located behind Pilot's instrument panel 33-10-03-01	S2035-1	
PI027	CONNECTOR - Connects to FI007 Glareshield Light located behind instrument panel. 33-10-06-02	S2035-2	80984 & ON 8704 & ON
PI029	TERMINAL - Connects to QI001 Glareshield Regulator located behind instrument panel. 33-10-01-03	08-50-0114	
PI036	CONNECTOR - Pilots Control Panel 24-40-01-01 24-40-01-02	RD15F00JVL0 RD15F00JVL0	
PI039	CONNECTOR 33-10-01-04	S2035-2	
PI040	CONNECTOR 33-10-01-04	S2035-2	
PI1000	CONNECTOR - Connects to PI502 Nav/Comm Unit located behind audio panel. 34-50-10-01 34-50-10-02 34-50-10-03 34-50-11-01 34-50-11-02 34-50-12-01 34-50-12-02 34-50-12-03 34-50-13-01	030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002	
PI1001	CONNECTOR - Connects to PI800 Transponder located behind Audio Panel. 34-53-01-01 34-53-01-02 34-53-01-03	030-00101-0002 030-00101-0002 030-00101-0002	
PI1002	CONNECTOR - Connects to PI502 Nav/Comm Unit located behind audio panel. 34-50-10-01 34-50-11-01 34-50-11-02 34-50-12-01 34-50-12-02 34-50-12-03 34-50-13-01	030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI1003	CONNECTOR - Connects to GS#1 on Antenna Coupler behind instrument panel. 34-50-10-01 34-50-11-01 34-50-11-02 34-50-12-01 34-50-12-02 34-50-12-03 34-50-13-01	UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U	
PI1004	CONNECTOR - Coax disconnect for Nav/Comm Unit located behind left instrument panel. 34-50-10-01 34-50-10-02 34-50-10-03 34-50-11-01 34-50-11-02 34-50-12-01 34-50-12-02 34-50-12-03 34-50-13-01	030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002 030-00101-0002	
PI1005	CONNECTOR - Coax disconnect for UI1003 Nav/Comm Coupler located behind left instrument panel. 34-50-10-01 34-50-11-01 34-50-11-02 34-50-12-01 34-50-12-02 34-50-12-03 34-50-13-01	UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U UG88C/U	
PI1006	CONNECTOR - Coax disconnect for UI1003 Nav/Comm Coupler located behind left instrument panel. 34-50-10-01 34-50-11-01 34-50-11-02 34-50-12-01 34-50-12-02 34-50-12-03 34-50-13-01	225555-6 225555-6 225555-6 225555-6 225555-6 225555-6 225555-6	
PI1007	CONNECTOR - Comm Antenna disconnect located behind left instrument panel. 34-50-20-01 34-50-20-02 34-50-20-03	030-00101-0002 030-00101-0002 030-00101-0002	
PI1008	CONNECTOR - Disconnect for ADF Unit located behind audio panel. 34-51-01-01 34-51-01-02 34-51-01-03	030-00101-0000 030-00101-0000 030-00101-0000	
PI1009	CONNECTOR - Disconnect for Nav Antenna located behind audio panel. 34-50-20-01 34-50-20-02 34-50-20-03	030-00101-0002 030-00101-0002 030-00101-0002	
PI1010	CONNECTOR - Disconnect for UI1003 Navigation Antenna Coupler located behind left instrument panel. 34-50-20-01 34-50-20-02 34-50-20-03	UG88C/U UG88C/U UG88C/U	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI1011	CONNECTOR - GPS Antenna coax disconnect located behind audio panel.		
	34-52-20-01	030-00101-0002	
	34-52-20-02	030-00101-0002	
	34-52-21-01	030-00101-0002	
	34-52-22-01	030-00101-0002	
	34-52-23-01	030-00101-0002	
	34-52-23-02	030-00101-0002	
	34-52-24-01	030-00101-0002	
	34-52-25-01	030-00101-0002	
	34-52-26-01	030-00101-0002	
	34-52-27-01	030-00101-0002	
PI300	CONNECTOR - Disconnect for UI300 Wing Leveler Computer located behind audio panel.		
	22-10-02-01	030-01175-0000	
PI301	CONNECTOR - Connects to UI301 Turn Coordinator located behind left instrument panel.		
	22-10-02-01	MS3106F14S-5S	
PI302	CONNECTOR - Connects to UI302 Directional Gyro located in left instrument panel.		
	22-10-30-01	D01PB406NT-837	
	22-10-32-01	D01PB406NT-837	
	22-10-41-01	D01PB406NT-837	
	22-10-43-01	D01PB406NT-837	
	22-10-44-01	D01PB406NT-837	
PI303	CONNECTOR - Connects to UI303 Wing Leveler Computer located behind audio panel.		
	22-10-02-02	030-01175-0000	
	22-10-02-03	030-01175-0000	
	22-10-30-01	030-01175-0000	
	22-10-30-01	030-01175-0000	
	22-10-31-01	030-01175-0000	
	22-10-31-01	030-01175-0000	
	22-10-32-01	030-01175-0000	
	22-10-32-01	030-01175-0000	
	22-10-33-01	030-01175-0000	
	22-10-33-01	030-01175-0000	
	22-10-40-01	030-01175-0000	
	22-10-40-01	030-01175-0000	
	22-10-41-01	030-01175-0000	
	22-10-41-01	030-01175-0000	
	22-10-42-01	030-01175-0000	
	22-10-42-01	030-01175-0000	
	22-10-43-01	030-01175-0000	
	22-10-43-01	030-01175-0000	
	22-10-44-01	030-01175-0000	
	22-10-44-01	030-01175-0000	
	22-10-45-01	030-01175-0000	
	22-10-45-01	030-01175-0000	
	22-10-46-01	030-01175-0000	
	22-10-46-01	030-01175-0000	
	22-10-46-01	030-01175-0000	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI304	CONNECTOR - Connects to UI304 Autopilot Computer located behind audio panel.		
	22-10-30-01	030-01176-0000	
	22-10-30-01	030-01176-0000	
	22-10-31-01	030-01176-0000	
	22-10-31-01	030-01176-0000	
	22-10-32-01	030-01176-0000	
	22-10-32-01	030-01176-0000	
	22-10-33-01	030-01176-0000	
	22-10-33-01	030-01176-0000	
	22-10-40-01	030-01176-0000	
	22-10-40-01	030-01176-0000	
	22-10-41-01	030-01176-0000	
	22-10-41-01	030-01176-0000	
	22-10-42-01	030-01176-0000	
	22-10-42-01	030-01176-0000	
	22-10-43-01	030-01176-0000	
	22-10-43-01	030-01176-0000	
	22-10-44-01	030-01176-0000	
	22-10-44-01	030-01176-0000	
	22-10-45-01	030-01176-0000	
	22-10-45-01	030-01176-0000	
	22-10-46-01	030-01176-0000	
	22-10-46-01	030-01176-0000	
PI305	CONNECTOR - Connects to UI305 Configuration Module located behind left instrument panel.		
	22-10-02-02	030-01171-0000	
	22-10-02-03	030-01171-0000	
	22-10-30-01	030-01171-0000	
	22-10-31-01	030-01171-0000	
	22-10-32-01	030-01171-0000	
	22-10-33-01	030-01171-0000	
	22-10-40-01	030-01171-0000	
	22-10-41-01	030-01171-0000	
	22-10-42-01	030-01171-0000	
	22-10-43-01	030-01171-0000	
	22-10-44-01	030-01171-0000	
	22-10-45-01	030-01171-0000	
	22-10-46-01	030-01171-0000	
PI306	CONNECTOR - Located under instrument panel.		
	22-10-02-02	033-00230-0000	
	22-10-02-03	033-00230-0000	
	22-10-30-01	033-00230-0000	
	22-10-31-01	033-00230-0000	
	22-10-32-01	033-00230-0000	
	22-10-33-01	033-00230-0000	
	22-10-40-01	033-00230-0000	
	22-10-41-01	033-00230-0000	
	22-10-42-01	033-00230-0000	
	22-10-43-01	033-00230-0000	
	22-10-44-01	033-00230-0000	
	22-10-45-01	033-00230-0000	
	22-10-46-01	033-00230-0000	
PI307	CONNECTOR - Connects to UI307 located behind left instrument panel near Turn Coordinator Indicator.		
	22-10-02-02	97-4106A14S-5S	
	22-10-02-03	97-4106A14S-5S	
	22-10-30-01	97-4106A14S-5S	
	22-10-31-01	97-4106A14S-5S	
	22-10-32-01	97-4106A14S-5S	
	22-10-33-01	97-4106A14S-5S	
	22-10-40-01	97-4106A14S-5S	
	22-10-41-01	97-4106A14S-5S	
	22-10-42-01	97-4106A14S-5S	
	22-10-43-01	97-4106A14S-5S	
	22-10-44-01	97-4106A14S-5S	
	22-10-45-01	97-4106A14S-5S	
	22-10-46-01	97-4106A14S-5S	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI308	CONNECTOR - Connects to UI308 located behind left instrument panel near Horizontal Situation Indicator.		
	22-10-31-01	030-02153-0000	
	22-10-33-01	030-02153-0000	
	22-10-40-01	030-02153-0000	
	22-10-42-01	030-02153-0000	
	22-10-45-01	030-02153-0000	
	34-20-02-01	030-02153-0000	
	34-20-02-02	030-02153-0000	
PI309	CONNECTOR - Connects to UI309 located behind left instrument panel near Horizontal Situation Indicator.		
	22-10-31-01	030-02178-0000	
	22-10-33-01	030-02178-0000	
	22-10-40-01	030-02178-0000	
	22-10-40-01	030-02178-0000	
	22-10-42-01	030-02178-0000	
	22-10-42-01	030-02178-0000	
	22-10-45-01	030-02178-0000	
	22-10-45-01	030-02178-0000	
	34-20-02-01	030-02178-0000	
	34-20-02-02	030-02178-0000	
	34-50-12-02	030-02178-0000	
	34-50-12-03	030-02178-0000	
	34-50-13-01	030-02178-0000	
PI310	CONNECTOR - Connects to UI310 located behind left instrument panel.		
	34-20-02-01	030-02421-0000	
	34-20-02-02	030-02421-0000	
PI311	CONNECTOR - Connects to UI311 Slaving Accessory located behind left instrument panel.		
	34-20-02-01	030-02421-0000	
	34-20-02-02	030-02421-0000	
PI312	CONNECTOR - Connected to MFD		
	23-20-01-01	011-00820-00	
	23-21-01-01	011-00820-00	
	34-20-05-01	011-00820-00	
	34-20-05-01	011-00820-00	
		81241 & ON	
		9810 & ON	
PI314	CONNECTOR		
	34-20-05-01	S2035-2	
		81241 & ON	
		9810 & ON	
PI315	CONNECTOR		
	34-20-05-01	S2035-2	
		81241 & ON	
		9810 & ON	
PI316	CONNECTOR		
	34-20-05-01	S2035-2	
		81241 & ON	
		9810 & ON	
PI406	CONNECTOR KIT - Connects to MFD located behind instrument panel.		
	34-20-01-01	050-03605-0000	
	34-20-01-02	050-03605-0000	
	34-20-04-01	050-03605-0000	
	34-40-01-01	050-03605-0000	
PI500	PANEL - Connects to Audio Control in audio panel.		
	22-10-02-01	030-1094-58	
	23-50-10-01	030-1094-58	
	34-50-10-01	030-1094-58	
	34-50-20-01	030-1094-58	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI501	CONNECTOR - Connects to UI501 Nav/Comm Unit located in audio panel.		
	34-50-10-01	030-01094-060	
PI502	CONNECTOR - Connects to UI502 Nav/Comm Unit located in audio panel.		
	34-50-10-01	030-01094-059	
PI503	CONNECTOR - Connects to UI503 Audio Panel located in center instrument panel.		
	34-50-20-01	030-01094-059	
PI507	CONNECTOR KIT - Connects to UI507 Audio Panel located in audio panel.		
	22-10-02-02	050-03392-0000	
	22-10-02-03	050-03392-0000	
	22-10-30-01	050-03392-0000	
	22-10-31-01	050-03392-0000	
	22-10-32-01	050-03392-0000	
	22-10-33-01	050-03392-0000	
	22-10-40-01	050-03392-0000	
	22-10-41-01	050-03392-0000	
	23-50-10-02	050-03392-0000	
	23-50-20-01	050-03392-0000	
	23-50-20-02	050-03392-0000	
	23-50-21-01	050-03392-0000	
	34-50-10-02	050-03392-0000	
	34-50-11-01	050-03392-0000	
	34-50-12-01	050-03392-0000	
	34-50-13-01	050-03392-0000	
	34-50-20-02	050-03392-0000	
	34-51-01-01	050-03392-0000	
	34-52-21-01	050-03392-0000	
	34-52-22-01	050-03392-0000	
	34-52-23-01	050-03392-0000	
PI508	CONNECTOR KIT - Connects to UI508 Audio Panel located in center instrument panel.		
	22-10-30-01	050-03392-0000	
	22-10-31-01	050-03392-0000	
	22-10-32-01	050-03392-0000	
	22-10-33-01	050-03392-0000	
	22-10-40-01	050-03392-0000	
	22-10-41-01	050-03392-0000	
	23-50-10-02	050-03392-0000	
	23-50-20-01	050-03392-0000	
	23-50-20-02	050-03392-0000	
	23-50-21-01	050-03392-0000	
PI509	CONNECTOR - Connects to UI509 Audio Panel located in center instrument panel.		
	23-50-10-02	030-01094-0004	
	23-50-20-01	030-01094-0004	
	23-50-20-02	030-01094-0004	
	23-50-21-01	030-01094-0004	
	34-50-10-02	030-01094-0004	
	34-50-11-01	030-01094-0004	
	34-50-12-01	030-01094-0004	
	34-50-13-01	030-01094-0004	
	34-50-20-02	030-01094-0004	
	34-51-01-01	030-01094-0004	
	34-52-21-01	030-01094-0004	
	34-52-22-01	030-01094-0004	
	34-52-23-01	030-01094-0004	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI510	CONNECTOR - Connects to UI510 Nav/Comm Unit located in audio panel.			PI600	CONNECTOR - Connects to UI600 KI209 Indicator located in audio panel.		
	34-50-11-01	030-01094-0060			34-50-10-01	030-02227-005	
	34-50-11-02	030-01094-0060					
	34-50-12-01	030-01094-0060		PI601	CONNECTOR - Connects to UI601 KI208 Indicator located in audio panel.		
	34-50-12-02	030-01094-0060			34-50-10-02	030-02227-0005	
	34-50-12-03	030-01094-0060			34-50-10-03	030-02227-0005	
	34-50-13-01	030-01094-0060			34-50-20-01	030-02227-0005	
					34-50-20-02	030-02227-0005	
					34-50-20-03	030-02227-0005	
PI511	CONNECTOR - Connects to UI511 Nav/Comm Unit located in audio panel.			PI602	CONNECTOR - Connects to UI602 ADF Indicator located in right side of left instrument panel.		
	34-50-10-02	030-01094-0088			34-51-01-01	09-50-6155	
	34-50-10-03	030-01094-0088			34-51-01-02	09-50-6155	
	34-50-11-01	030-01094-0088			34-51-01-03	09-50-6155	
	34-50-11-02	030-01094-0088			34-51-02-01	09-50-6155	
	34-50-12-01	030-01094-0088					
	34-50-12-02	030-01094-0088		PI603	CONNECTOR - Connects to UI603 ADF Indicator located in right side of left instrument panel.		
	34-50-12-03	030-01094-0088			34-51-01-01	030-2000-0000	
	34-50-13-01	030-01094-0088			34-51-01-02	030-2000-0000	
	34-52-23-01	030-01094-0088					
	34-52-23-02	030-01094-0088		PI604	CONNECTOR - Connects to UI604 ADF Indicator located in right side of left instrument panel.		
	34-52-24-01	030-01094-0088			22-10-30-01	030-01176-0000	
	34-52-25-01	030-01094-0088			22-10-32-01	030-01176-0000	
	34-52-26-01	030-01094-0088			22-10-41-01	030-01176-0000	
	34-52-27-01	030-01094-0088			22-10-43-01	030-01176-0000	
					22-10-44-01	030-01176-0000	
PI512	CONNECTOR - Connects to UI512 Nav/Comm Unit located in audio panel.				34-50-11-02	030-01176-0000	
	34-50-20-02	030-01094-0088			34-50-12-01	030-01176-0000	
	34-50-20-03	030-01094-0088			34-52-21-01	030-01176-0000	
	34-52-23-01	030-01094-0088			34-52-23-01	030-01176-0000	
	34-52-23-02	030-01094-0088			34-52-23-02	030-01176-0000	
	34-52-24-01	030-01094-0088			34-52-24-01	030-01176-0000	
	34-52-25-01	030-01094-0088			34-52-27-01	030-01176-0000	
	34-52-26-01	030-01094-0088					
	34-52-27-01	030-01094-0088					
PI516	CONNECTOR - Connects to UI516 Nav/Comm Unit located in audio panel.			PI605	CONNECTOR - Connects to UI605 KI209 Indicator located in audio panel.		
	22-10-42-01	030-01094-0058			34-50-11-01	030-02227-0005	
	22-10-43-01	030-01094-0058					
	22-10-44-01	030-01094-0058		PI700	CONNECTOR - Connects to UI700 GPS Receiver located in center instrument panel.		
	22-10-45-01	030-01094-0058			22-10-44-01	030-03271-0000	
	23-50-10-03	030-01094-0058			22-10-45-01	030-03271-0000	
	23-50-10-04	030-01094-0058			34-52-20-01	030-03271-0000	
	23-50-20-03	030-01094-0058			34-52-20-02	030-03271-0000	
	23-50-21-02	030-01094-0058			34-52-21-01	030-03271-0000	
	23-50-21-03	030-01094-0058			34-52-22-01	030-03271-0000	
	34-40-01-01	030-01094-0058			34-52-22-01	030-03271-0000	
	34-50-10-03	030-01094-0058			34-52-23-01	030-03271-0000	
	34-50-11-02	030-01094-0058			34-52-23-01	030-03271-0000	
	34-50-12-02	030-01094-0058			34-52-23-02	030-03271-0000	
	34-50-12-03	030-01094-0058			34-52-24-01	030-03271-0000	
	34-50-20-03	030-01094-0058			34-52-25-01	030-03271-0000	
	34-51-01-02	030-01094-0058			34-52-25-01	030-03271-0000	
	34-52-24-01	030-01094-0058			34-52-26-01	030-03271-0000	
					34-52-26-01	030-03271-0000	
					34-52-27-01	030-03271-0000	
PI517	CONNECTOR - Connects to UI517 Nav/Comm Unit located in audio panel.						
	23-50-10-03	030-01094-0058					
	23-50-10-03	030-01094-0058					
	23-50-10-04	030-01094-0058					
	23-50-10-04	030-01094-0058					
	23-50-20-03	030-01094-0058					
	23-50-20-03	030-01094-0058					
	23-50-21-02	030-01094-0058					
	23-50-21-02	030-01094-0058					
	23-50-21-03	030-01094-0058					
	23-50-21-03	030-01094-0058					

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI701	CONNECTOR - Connects to UI701 GPS Receiver located in audio panel.		
	22-10-44-01	030-03272-0000	
	22-10-45-01	030-03272-0000	
	34-20-01-01	030-03272-0000	
	34-20-01-02	030-03272-0000	
	34-52-20-01	030-03272-0000	
	34-52-20-02	030-03272-0000	
	34-52-21-01	030-03272-0000	
	34-52-22-01	030-03272-0000	
	34-52-23-01	030-03272-0000	
	34-52-23-01	030-03272-0000	
	34-52-23-02	030-03272-0000	
	34-52-24-01	030-03272-0000	
	34-52-25-01	030-03272-0000	
	34-52-25-01	030-03272-0000	
	34-52-26-01	030-03272-0000	
	34-52-26-01	030-03272-0000	
	34-52-27-01	030-03272-0000	
PI702	CONNECTOR - Connects to UI702 Nav/GPS Switch located in center instrument panel.		
	34-52-21-01	RD25F00JVL0	
	34-52-22-01	RD25F00JVL0	
	34-52-23-01	RD25F00JVL0	
PI703	CONNECTOR - Connects to UI703 Nav/GPS Switch located in center instrument panel.		
	34-52-23-02	RD9F00JVL0	
	34-52-24-01	RD9F00JVL0	
	34-52-25-01	RD9F00JVL0	
PI704	CONNECTOR - Connects to UI704 Relay Switching Unit located in right instrument panel.		
	22-10-31-01	RD50F10JVL0	
	22-10-33-01	RD50F10JVL0	
	22-10-40-01	RD50F10JVL0	
	22-10-42-01	RD50F10JVL0	
	22-10-45-01	RD50F10JVL0	
	34-20-02-01	RD50F10JVL0	
	34-20-02-02	RD50F10JVL0	
	34-50-12-02	RD50F10JVL0	
	34-50-12-03	RD50F10JVL0	
	34-50-13-01	RD50F10JVL0	
	34-52-22-01	RD50F10JVL0	
	34-52-25-01	RD50F10JVL0	
	34-52-26-01	RD50F10JVL0	
		80694 & ON	
		8113 & ON	
PI705	CONNECTOR - Connects to UI705 Relay Switching Unit located in right instrument panel.		
	22-10-31-01	RD50M10JVL0	
	22-10-33-01	RD50M10JVL0	
	22-10-40-01	RD50M10JVL0	
	22-10-42-01	RD50M10JVL0	
	22-10-45-01	RD50M10JVL0	
	34-20-02-01	RD50M10JVL0	
	34-20-02-02	RD50M10JVL0	
	34-50-12-02	RD50M10JVL0	
	34-50-12-03	RD50M10JVL0	
	34-50-13-01	RD50M10JVL0	
	34-52-22-01	RD50M10JVL0	
	34-52-25-01	RD50M10JVL0	
	34-52-26-01	RD50M10JVL0	
		80694 & ON	
		8113 & ON	
PI706	CONNECTOR		
	34-40-01-01	RD15F00JVL0	
	34-52-26-01	RD15F00JVL0	
	34-52-27-01	RD15F00JVL0	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI800	CONNECTOR - Connects to UI800 KT-76C Transponder located in audio panel.		
	22-10-40-01	030-01094-0002	
	22-10-41-01	030-01094-0002	
	22-10-42-01	030-01094-0002	
	22-10-43-01	030-01094-0002	
	22-10-44-01	030-01094-0002	
	22-10-45-01	030-01094-0002	
	34-53-01-01	030-01094-0002	
	34-53-01-02	030-01094-0002	
	34-53-01-03	030-01094-0002	
PI900	CONNECTOR - Connects to Lighting Bus located behind audio panel.		
	22-10-02-01	S3070-9	
	22-10-02-02	S3070-9	
	22-10-02-03	S3070-9	
	22-10-30-01	S3070-9	
	22-10-31-01	S3070-9	
	22-10-32-01	S3070-9	
	22-10-33-01	S3070-9	
	22-10-40-01	S3070-9	
	22-10-41-01	S3070-9	
	22-10-42-01	S3070-9	
	22-10-43-01	S3070-9	
	22-10-44-01	S3070-9	
	22-10-45-01	S3070-9	
	22-10-46-01	S3070-9	
	23-50-10-01	S3070-9	
	23-50-10-02	S3070-9	
	23-50-10-03	S3070-9	
	23-50-10-04	S3070-9	
	23-50-20-01	S3070-9	
	23-50-20-02	S3070-9	
	23-50-20-03	S3070-9	
	23-50-21-01	S3070-9	
	23-50-21-02	S3070-9	
	23-50-21-03	S3070-9	
	23-50-22-01	S3070-9	
	23-50-24-01	S3070-9	
	34-20-01-01	S3070-9	
	34-20-01-02	S3070-9	
	34-20-05-01	S3070-9	
	34-50-10-01	S3070-9	
	34-50-10-02	S3070-9	
	34-50-10-03	S3070-9	
	34-50-11-01	S3070-9	
	34-50-11-02	S3070-9	
	34-50-12-01	S3070-9	
	34-50-12-02	S3070-9	
	34-50-12-03	S3070-9	
	34-50-13-01	S3070-9	
	34-50-20-01	S3070-9	
	34-50-20-02	S3070-9	
	34-50-20-03	S3070-9	
	34-51-01-01	S3070-9	
	34-51-01-02	S3070-9	
	34-51-02-01	S3070-9	
	34-52-20-01	S3070-9	
	34-52-20-02	S3070-9	
	34-52-21-01	S3070-9	
	34-52-22-01	S3070-9	
	34-52-23-01	S3070-9	
	34-52-23-02	S3070-9	
	34-52-24-01	S3070-9	
	34-52-25-01	S3070-9	
	34-52-26-01	S3070-9	
	34-52-27-01	S3070-9	
	34-53-01-01	S3070-9	
	34-53-01-02	S3070-9	
	34-53-01-03	S3070-9	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PI901	CONNECTOR - Connects to Avionics Circuit Breaker Panel located in lower instrument panel.			PL005	CONNECTOR - Connects to UL001 Left Strobe Light Power Supply disconnect located in left wing tip.		
	21-20-01-02	S2349-1			33-40-02-01	S1637-1	
	21-20-01-03	S2349-1			33-40-02-02	S1637-1	
	24-62-11-02	S2349-1			33-40-02-03	S1637-1	
	24-62-11-03	S2349-1			33-40-02-04	S1637-1	
	24-62-20-01	S2349-1		PL006	CONNECTOR - Connects to TL001 Pitot Heat located in left wing tip.		
	24-62-21-01	S2349-1			30-30-01-01	S1637-1	
	24-62-22-01	S2349-1			30-30-01-02	S1637-1	
	24-62-23-01	S2349-1		PL007	CONNECTOR - Connects to TL001 Pitot Heat located in left wing tip.		
	24-62-24-01	S2349-1			30-30-01-01	S1637-1	
	24-62-25-01	S2349-1			30-30-01-02	S1637-1	
	24-62-26-01	S2349-1		PL010	CONNECTOR KIT - In leading edge of left wing.		
	24-62-27-01	S2349-1			33-40-05-02	AEKTKSAD0409	
	24-62-28-01	S2349-1			33-40-05-03	AEKTKSAD0409	
	24-62-29-01	S2349-1					81234 & ON
	24-62-30-01	S2349-1					9771 & ON
	24-62-31-01	S2349-1		PL011	CONNECTOR KIT - In leading edge of left wing.		
	24-62-32-01	S2349-1			33-40-05-02	AEKTKSAD0409	
	24-62-33-01	S2349-1			33-40-05-03	AEKTKSAD0409	
	24-62-34-01	S2349-1					81234 & ON
	24-62-35-01	S2349-1					9771 & ON
	34-50-10-02	S2349-1		PL020	CONNECTOR - Connects to J2 Left Courtesy Light Disconnect located in left wing tip.		
	34-50-10-03	S2349-1			33-40-04-01	S1637-1	
	34-50-11-01	S2349-1			33-40-04-02	S1637-1	
	34-50-11-02	S2349-1			33-40-04-03	S1637-1	
	34-50-12-01	S2349-1		PL301	CONNECTOR - Connects to UL301 Flux Transmitter located in left wing.		
	34-50-20-02	S2349-1			34-20-03-01	030-02190-0000	
	34-50-20-03	S2349-1			34-20-03-02	030-02190-0000	
	34-51-01-01	S2349-1		PM300	CONNECTOR - Left wing disconnect located in left wing root.		
	34-51-01-02	S2349-1			34-10-01-01	206433-2	
	34-53-01-02	S2349-1			34-20-02-01	206433-2	
					34-20-02-02	206433-2	
							80694 & ON
							8113 & ON
PI903	RETAINER ASSEMBLY			PN025	CONNECTOR		
	31-50-02-01	205980-1			77-40-01-01	6280-3SG-513	
PL002	CONNECTOR - Connects to UL002 Left Fuel Transmitter located at the left wing disconnect in wing root.			PR001	CONNECTOR - Connects to JR001 Right Wing Disconnect located in right wing root.		
	28-40-01-01	S1640-9			27-50-01-01	S1640-9	
	30-30-01-01	S1640-9			27-50-01-02	S1640-9	
	30-30-01-02	S1640-9			27-50-01-03	S1640-9	
	33-40-01-01	S1640-9			28-40-01-01	S1640-9	
	33-40-01-02	S1640-9			33-40-01-01	S1640-9	
	33-40-02-01	S1640-9			33-40-01-02	S1640-9	
	33-40-04-01	S1640-9			33-40-01-03	S1640-9	
	33-40-04-02	S1640-9			33-40-01-04	S1640-9	
	33-40-04-03	S1640-9			33-40-01-05	S1640-9	
	33-40-05-01	S1640-9			33-40-02-01	S1640-9	
	33-40-05-02	S1640-9			33-40-02-02	S1640-9	
	33-40-05-03	S1640-9			33-40-02-03	S1640-9	
					33-40-02-04	S1640-9	
					33-40-04-01	S1640-9	
					33-40-04-02	S1640-9	
					33-40-04-03	S1640-9	
PL002	CONNECTOR						
	33-40-01-03	S1640-12					
	33-40-01-04	S1640-12					
	33-40-01-05	S1640-12					
	33-40-02-02	S1640-12					
	33-40-02-03	S1640-12					
	33-40-02-04	S1640-12					
			81201 & ON				
			9569 & ON				
PL003	CONNECTOR - Connects to FL003 Left Navigation Light located in left wing tip.						
	33-40-01-01	S1637-1					
	33-40-01-02	S1637-1					
PL004	CONNECTOR - Connects to J1 Left Courtesy Light disconnect located in left wing tip.						
	33-40-04-01	S1637-1					
	33-40-04-02	S1637-1					
	33-40-04-03	S1637-1					

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PR002	CONNECTOR - Connects to FR001 Right Navigation Light located in right wing root. 33-40-01-01 33-40-01-02	S1637-1 S1637-1	
PR003	CONNECTOR - Connects to J1 Right Courtesy Light disconnect located in right wing tip. 33-40-04-01 33-40-04-02 33-40-04-03	S1637-1 S1637-1 S1637-1	
PR004	CONNECTOR - Connects to UR001 Right Strobe Light Power Supply located in right wing tip. 33-40-02-01 33-40-02-02 33-40-02-03 33-40-02-04	S1637-1 S1637-1 S1637-1 S1637-1	
PR005	CONNECTOR - Connects to JR005 Flap Actuator Disconnect located in right wing. 27-50-01-01 27-50-01-02 27-50-01-03	S2035-1 S2035-1 S2035-1	
PR006	CONNECTOR - Connects to MR001 Flap Motor located in right wing. 27-50-01-01 27-50-01-02 27-50-01-03	S1638-2 S1638-2 S1638-2	
PR007	CONNECTOR - Connects to JR007 Avionics Flap Actuator disconnect located in right wing. 22-10-01-03 22-10-01-04 27-50-01-02 27-50-01-03	S1638-1 S1638-1 S1638-1 S1638-1	
PR020	CONNECTOR - Connects to J2 Right Courtesy Light disconnect located in right wing tip. 33-40-04-01 33-40-04-02 33-40-04-03	S1637-1 S1637-1 S1637-1	
PR022	CONNECTOR - Connects to JR022 Flap Actuator Disconnect located in right wing. 27-50-01-01 27-50-01-02 27-50-01-03	S2035-1 S2035-1 S2035-1	
PR300	CONNECTOR - Connects to UR300 Roll Servo Actuator located in right wing. 22-10-01-01	030-2000-00	
PR301	CONNECTOR - Connects to UR300 Roll Servo Actuator located in right wing. 22-10-01-02 22-10-01-03 22-10-01-04	030-03248-0000 030-03248-0000 030-03248-0000	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PS300	CONNECTOR - Connects to JS300 Roll Servo Actuator Wing disconnect located in right wing near root. 22-10-01-01 22-10-02-01 22-10-02-02 22-10-02-03 22-10-30-01 22-10-31-01 22-10-32-01 22-10-33-01 22-10-40-01 22-10-41-01 22-10-42-01 22-10-43-01 22-10-44-01 22-10-45-01 22-10-46-01	S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9 S1640-9	
PT001	CONNECTOR - Connects to J1 Power Converter Disconnect located in tail. 24-50-01-01 24-50-01-02	S1641-6 S1641-6	
PT1010	CONNECTOR 34-53-02-01	S3284-1	81241 & ON 9810 & ON
PT1011	CONNECTOR 23-50-25-01	S3284-1	
PT1012	CONNECTOR 23-50-25-01	S3284-1	
PT1013	CONNECTOR 23-50-25-01	S3284-1	
PT1014	CONNECTOR 23-50-25-01	S3284-1	
PT1015	CONNECTOR 23-50-25-01	S3284-1	
PT1016	CONNECTOR 23-50-25-01	S3284-1	
PT1017	CONNECTOR 23-50-25-01	S3284-1	
PT1018	CONNECTOR 23-50-25-01	S3284-1	
PT1019	CONNECTOR 23-50-25-01	S3284-1	
PT1020	CONNECTOR 23-50-25-01	S3284-1	
PT1021	CONNECTOR 23-50-25-01	225555-6	
PT1022	CONNECTOR 23-50-25-01	S3284-1	
PT1023	CONNECTOR 23-50-25-01	S3284-1	
PT1024	CONNECTOR 23-50-25-01	225555-6	
PT1025	CONNECTOR 23-50-25-01	225555-6	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PT1026	CONNECTOR 23-50-25-01	225555-6	
PT1027	CONNECTOR 23-50-25-01	225555-6	
PT1031	CONNECTOR 34-50-17-01	030-00005-0000	
PT300	CONNECTOR - Connects to UT300 Pitch Trim Actuator located in tail.		
	22-10-40-01	030-03248-0000	
	22-10-41-01	030-03248-0000	
	22-10-42-01	030-03248-0000	
	22-10-43-01	030-03248-0000	
	22-10-44-01	030-03248-0000	
	22-10-45-01	030-03248-0000	
	22-10-46-01	030-03248-0000	
PT301	CONNECTOR - Connects to UT301 Pitch Trim Actuator located in tail.		
	22-10-40-01	030-03248-0000	
	22-10-41-01	030-03248-0000	
	22-10-42-01	030-03248-0000	
	22-10-43-01	030-03248-0000	
	22-10-44-01	030-03248-0000	
	22-10-45-01	030-03248-0000	
	22-10-46-01	030-03248-0000	
PT302	CONNECTOR KIT - Connects to UT302 Directional Gyro Unit located behind baggage compartment in tail.		
	34-20-02-01	050-01410-0002	
	34-20-02-02	050-01410-0002	
PT303	CONNECTOR - Connects to UT303 Navigation Converter located in tail.		
	23-50-24-01	030-01094-0051	
	34-50-12-02	030-01094-0051	
	34-50-12-02	030-01094-0051	
	34-50-13-01	030-01094-0051	
	34-50-13-01	030-01094-0051	
PT303	CONNECTOR 23-50-22-01	330-00185-62	81241 & ON 9810 & ON
PT304	CONNECTOR 23-50-22-01 23-50-24-01 34-10-01-01 34-20-05-01 34-53-02-01	330-00185-78 330-00185-78 330-00185-78 330-00185-78 330-00185-78	81241 & ON 9810 & ON
PT305	CONNECTOR 23-50-22-01 23-50-24-01 23-50-25-01	330-00185-44 330-00185-44 330-00185-44	81241 & ON 9810 & ON
PT306	CONNECTOR 23-50-22-01 23-50-24-01	330-00185-62 330-00185-62	81241 & ON 9810 & ON

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PT307	CONNECTOR 23-50-22-01 23-50-24-01 31-50-02-01 34-10-01-01 34-20-05-01 34-53-02-01	330-00185-78 330-00185-78 330-00185-78 330-00185-78 330-00185-78 330-00185-78	81241 & ON 9810 & ON
PT309	CONNECTOR 23-50-25-01	330-00185-78	
PT311	CONNECTOR 22-10-46-01 23-50-25-01	330-00185-44 330-00185-44	
PT312	CONNECTOR 23-50-25-01 34-51-02-01	330-00185-78 330-00185-78	81272 & ON 10102 & ON
PT313	CONNECTOR 22-10-46-01 34-50-17-01 34-51-02-01	330-00185-78 330-00185-78 330-00185-78	81241 & ON 9810 & ON
PT314	CONNECTOR - connects to AHRS 34-10-01-01 34-20-05-01	011-00869-00 011-00869-00	81241 & ON 9810 & ON
PT317	CONNECTOR 23-50-22-01 23-50-22-01 23-50-24-01 23-50-24-01 23-50-25-01	330-00185-44 330-00185-44 330-00185-44 330-00185-44 330-00185-44	81241 & ON 9810 & ON
PT318	CONNECTOR - connects to air data computer 34-10-01-01 34-20-05-01	011-01010-00 011-01010-00	81241 & ON 9810 & ON
PT500	CONNECTOR - connected to datalink computer 23-21-01-01	011-00997-00	81241 & ON 9810 & ON
PT700	CONNECTOR 34-40-01-01	030-03296-0001	
PT701	CONNECTOR 34-40-01-01	030-01170-0000	
PT709	CONNECTOR 34-20-04-01	RD25F00JVL0	
PT801	CONNECTOR 34-50-17-01	030-01094-0056	81241 & ON 9810 & ON
PT901	CONNECTOR 23-50-25-01	03-06-1023	

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P7902	CONNECTOR		
	23-50-25-01	SK2701	
	34-10-01-01	SK2701	
	34-50-17-01	SK2701	
	34-53-02-01	SK2701	
			81241 & ON
			9810 & ON
P7903	CONNECTOR		
	22-10-46-01	SK2701	
	23-20-01-01	SK2701	
	23-21-01-01	SK2701	
	23-50-22-01	SK2701	
	23-50-24-01	SK2701	
	34-10-01-01	SK2701	
	34-20-05-01	SK2701	
	34-53-02-01	SK2701	
			81241 & ON
			9810 & ON
PV001	CONNECTOR - Connects to JV001 Vertical Tail Navigation Light located in base of vertical tail.		
	33-40-01-01	S1637-1	
	33-40-01-02	S1637-1	
	33-40-01-03	S1637-1	
	33-40-01-04	S1637-1	
	33-40-01-05	S1637-1	
PV002	CONNECTOR - Connects to FV001 Vertical Tail Navigation Light located in top of vertical tail.		
	33-40-01-01	S1637-1	
	33-40-01-02	S1637-1	
	33-40-01-03	S1637-1	
	33-40-01-04	S1637-1	
	33-40-01-05	S1637-1	
PV004	CONNECTOR - Connects to JV004 Beacon Light disconnect located in top of vertical tail.		
	33-40-03-01	S2035-1	
	33-40-03-02	S2035-1	
PV005	CONNECTOR - Connects to JV005 Vertical Tail disconnect located in base of vertical tail.		
	33-40-03-01	S2035-1	
	33-40-03-02	S2035-1	
PV1001	CONNECTOR - Connects to UV1001 Navigation Antenna located in top of vertical tail.		
	34-50-01-01	UG88C/U	
	34-50-01-02	UG88C/U	
PV1002	CONNECTOR - Connects to JV1002 Vertical Tail Navigation Antenna Coax located in base of vertical tail.		
	23-50-25-01	UG88C/U	
	34-50-10-02	UG88C/U	
	34-50-10-03	UG88C/U	
	34-50-11-01	UG88C/U	
	34-50-11-02	UG88C/U	
	34-50-12-01	UG88C/U	
	34-50-12-02	UG88C/U	
	34-50-12-03	UG88C/U	
	34-50-13-01	UG88C/U	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
PZ900	CONNECTOR - Connects to H1105 Wing Leveler Circuit Breaker located behind left instrument panel.		
	21-20-01-01	S2349-1	
	22-10-02-01	S2349-1	
	23-50-10-01	S2349-1	
	24-62-11-01	S2349-1	
	34-50-10-01	S2349-1	
	34-50-20-01	S2349-1	
	34-52-20-01	S2349-1	
PZ905	CONNECTOR - Connects to JZ905 ELT Switch/Indicator disconnect located in right instrument panel.		
	25-60-01-01	LMD-4001-S	
	25-60-01-02	LMD-4001-S	
	25-60-01-03	LMD-4001-S	
			80001 81097
			8001 9062
PZ906	CONNECTOR - Connects to JZ906 ELT Switch/Indicator disconnect located in right instrument panel.		
	25-60-01-04	S3556-5	
	25-60-01-05	S3556-5	
Q1	REGULATOR		
	33-10-08-01	NJM317F	
	33-10-08-02	NJM317F	
			81234 & ON
			9771 & ON
Q2	REGULATOR		
	33-10-08-02	NJM317F	
			81273 & ON
			10103 & ON
Q1001	REGULATOR - Connects to P1029 Glareshield Light Regulator disconnect located behind center instrument panel.		
	33-10-01-03	NJM317F	
Q1002	REGULATOR		
	33-10-01-04	NJM317F	
QZ001	REGULATOR - In Dimming Control Module located behind center instrument panel.		
	33-10-07-01	LM350K	
QZ002	REGULATOR - In Dimming Control Module located behind center instrument panel.		
	33-10-07-01	LM350K	
QZ003	REGULATOR - In Dimming Control Module located behind center instrument panel.		
	33-10-07-01	LM350K	
R1	POTENTIOMETER - Located on Right Control Wheel.		
	27-10-01-01	S2619-1	
	27-10-01-02	S2619-1	
	33-10-02-01	S2619-1	
	33-10-02-02	S2619-1	
	33-10-02-03	S2619-1	
	33-10-02-04	S2619-1	
	33-10-02-05	S2619-1	
			80004 & ON
			8001 & ON
R1	RESISTOR		
	77-40-01-01	RN65E4990B	
R1	POTENTIOMETER - Located on Right Control Wheel.		
	27-10-01-01	3852A162-152A	
			80001 80003

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R2	RESISTOR 77-40-01-01	RN65E4990B	
R3	RESISTOR 77-40-01-01	RN55C1001F	
RC001	POTENTIOMETER 33-10-05-02 33-10-05-03	S2619-1 S2619-1	81234 81272 9771 10102
RC002	RESISTOR 33-10-05-02 33-10-05-03 33-10-05-04 33-10-05-05	CCF-5595R3F CCF-5595R3F CCF-5595R3F CCF-5595R3F	81234 & ON 9771 & ON
RC003	RESISTOR - Cabin overhead 33-10-05-02 33-10-05-03 33-10-05-04 33-10-05-05	CCF-554320F CCF-554320F CCF-554320F CCF-554320F	81234 & ON 9771 & ON
RF002	RESISTOR - Cabin overhead 33-10-05-04 33-10-05-05	CCF-5595R3F CCF-5595R3F	81273 & ON 10103 & ON
RF003	RESISTOR - Cabin overhead 33-10-05-04 33-10-05-05	CCF-554320F CCF-554320F	81273 & ON 10103 & ON
RI001	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-01-01 33-10-01-02 33-10-01-03	S2091-9 S2091-9 S2091-9	
RI002	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-01-01 33-10-01-02 33-10-01-03	S2091-9 S2091-9 S2091-9	
RI004	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-01-03	CCF-553740F	
RI005	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-01-03	CCF-552611F	
RI006	RESISTOR 33-10-01-04	S1904-5	
RI007	RESISTOR 33-10-01-04	S1904-5	
RI008	RESISTOR 33-10-01-04	S1904-5	
RI009	RESISTOR 33-10-01-04	S1904-5	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
RI011	RESISTOR 33-10-01-04	CCF-553740F	
RI012	RESISTOR 33-10-01-04	CCF-552611F	
RN001	MAGNETO - Located in engine compartment on back side of engine. 74-10-01-01 74-10-01-02 74-10-01-03	MS25171-1S MS25171-1S MS25171-1S	
RN002	MAGNETO - Located in engine compartment on back side of engine. 74-10-01-01 74-10-01-02 74-10-01-03	MS25171-1S MS25171-1S MS25171-1S	
RR001	RESISTOR - Connects to JR005 Avionics Flap Actuator disconnect located in right wing. 27-50-01-02 27-50-01-03	CCF-551002F CCF-551002F	
RR002	RESISTOR - Connects to JR005 Avionics Flap Actuator disconnect located in right wing. 27-50-01-02 27-50-01-03	CCF-551002F CCF-551002F	
RZ001	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-07-01	CCF-552430F	80984 & ON 8704 & ON
RZ001	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-07-01	RCR20G241JP	80001 80983 8001 8703
RZ002	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-07-01	CCF-552430F	80984 & ON 8704 & ON
RZ002	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-07-01	RCR20G241JP	80001 80983 8001 8703
RZ003	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-07-01	CCF-552430F	80984 & ON 8704 & ON
RZ003	RESISTOR - In Dimming Control Module located behind center instrument panel. 33-10-07-01	RCR20G241JP	80001 80983 8001 8703
S1	SWITCH - Located on Pilot's and Copilot's Control Wheel. 27-10-01-01 27-10-01-02	S2870-1 S2870-1	80004 & ON 8001 & ON

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S1	SWITCH - Located on Pilot's and Copilot's Control Wheel. 27-10-01-01	S1985-1	80001 80003
S2	SWITCH - Located on Pilot's Control Wheel on left side of cabin. 27-10-01-02	S2870-4	
S3	SWITCH - Located on Pilot's Control Wheel on left side of cabin. 27-10-01-02	7105P4YZQE	80831 & ON 8348 & ON
S4	SWITCH - Located on Pilot's Control Wheel on left side of cabin. 27-10-01-02	7105P4YZQE	80831 & ON 8348 & ON
SC001	SWITCH - Located in the Overhead Console in cabin above copilot. 33-10-05-01	J20125-32	
SC002	SWITCH - Located in the Overhead Console in cabin above pilot. 33-10-05-01	J20125-32	
SC004	SWITCH - Located in the Overhead Console in cabin above passenger compartment. 33-10-05-01 33-10-05-02 33-10-05-03 33-10-05-04 33-10-05-05	J20125-32 J20125-32 J20125-32 J20125-32 J20125-32	
SI001	SWITCH - Located on instrument panel. 24-61-01-01 24-61-01-02	S3271-1-1 S3271-1-1	80001 80983 8001 8703
SI002	SWITCH - Located on instrument panel. 74-10-01-01 74-10-01-02 74-10-01-03	C292501-0109 C292501-0109 C292501-0109	
SI003	SWITCH - Connects to PC014 Annunciator Switch Disconnect located behind left instrument panel. 31-50-01-01	S1695-5	80001 80003
SI004	SWITCH - Connects to PC015 Annunciator Switch disconnect located behind left instrument panel. 31-50-01-02 31-50-01-03	S1696-5 S1696-5	80004 80883 8001 8402
SI005	SWITCH - Connects to PC015 Annunciator Switch Disconnect located behind left instrument panel. 31-50-01-04	S1696-6	80884 & ON 8403 & ON
SI007	SWITCH - Connects to PI001 Flap Handle disconnect located on lower instrument panel. 27-50-01-01 27-50-01-02 27-50-01-03	S1906-1 S1906-1 S1906-1	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
SI008	SWITCH - Connects to PI001 Flap Handle disconnect located on lower instrument panel. 27-50-01-01 27-50-01-02 27-50-01-03	S1906-1 S1906-1 S1906-1	
SI009	SWITCH - Connects to JC001 Circuit Breaker Panel disconnect located on left instrument panel. 24-30-01-01 24-30-01-02 24-30-01-03 24-40-01-01 24-40-01-02 24-61-01-01 24-61-01-02 24-61-01-03 24-61-02-01	S3272-1-1 S3272-1-1 S3272-1-1 S3272-1-1 S3272-1-1 S3272-1-1 S3272-1-1 S3272-1-1 S3272-1-1 S3272-1-1	
SI010	SWITCH - Connects to JC012 Avionics Circuit Breaker Panel located on lower instrument panel. 24-40-01-01 24-40-01-02 24-61-01-03 24-61-02-01	S3443-1-1 S3443-1-1 S3443-1-1 S3443-1-1	80984 & ON 8704 & ON
SI013	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35058-22 MS35058-22	
SI014	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35058-22 MS35058-22	
SI015	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35058-22 MS35058-22	
SI016	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35058-22 MS35058-22	
SI017	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35058-22 MS35058-22	
SI018	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35058-22 MS35058-22	
SI019	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35058-22 MS35058-22	
SI021	SWITCH - Pilots Control Panel 24-40-01-01 24-40-01-02	MS35059-31 MS35059-31	
SI022	THEMOSTAT - Pilots Control Panel 24-40-01-01 24-40-01-02	4344-184-226 4344-184-226	
SI023	SWITCH - Pilots Control Panel 24-40-01-02 24-50-01-04	MS35058-22 MS35058-22	
SI900	INDICATOR - Connects to J2905 Instrument Panel disconnect located behind left instrument panel. 25-60-01-01 25-60-01-02	3929110-2 3929110-2	80001 80983 8001 8703

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SI900	SWITCH - Connects to JZ905 Instrument Panel disconnect located behind right instrument panel. 25-60-01-03	3929123-2	80984 81097 8704 9062
SI900	INDICATOR - Connects to JZ905 Instrument Panel disconnect located behind left instrument panel. 25-60-01-04 25-60-01-05	3929138-2 3929138-2	81098 & ON 9063 & ON
SN001	SWITCH - Located in nose compartment on engine. 31-20-01-01 31-20-01-02	77041 77041	80001 80830 8001 8347
SN001	SWITCH - Located in nose compartment on engine. 31-20-01-02 31-20-01-03 31-20-01-04 31-20-01-05 77-40-01-01	83278 83278 83278 83278 83278	80831 & ON 8348 & ON
SN011	SWITCH - Located in nose compartment on firewall. 37-20-01-01 37-20-01-02	F7-16-4 F7-16-4	
SN012	SWITCH - Located in nose compartment on firewall. 37-20-01-01 37-20-01-02	F7-16-4 F7-16-4	
SR001	SWITCH - Located in right wing near flap motor. 27-50-01-01 27-50-01-02 27-50-01-03	S1493-2 S1493-2 S1493-2	
SR002	SWITCH - Located in right wing near flap motor. 27-50-01-01 27-50-01-02 27-50-01-03	S1493-2 S1493-2 S1493-2	
TF001	PROBE - Located in upper corner of windshield. 31-20-01-02 31-20-01-03 31-20-01-05	C307PRF-11 C307PRF-11 C307PRF-11	80301 81097 81143 & ON
TF001	PROBE - Located on top of cabin. 31-20-01-02	C307PS	80001 80300
TF001	PROBE - Located on top of cabin. 31-20-01-03	CNP-100-001	81098 81142
TF002	PROBE - Located on top of cabin. 31-20-01-04	CNP-100-001	81098 81142 9063 9288
TI001	THERMOCOUPLE ASSEMBLY 77-40-01-01	011-00981-00	
TL001	HEATER - Located in left wing. 30-30-01-01 30-30-01-02	0721105-12 0721105-12	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
TL100	OUTSIDE AIR TEMPERATURE PROBE 34-10-01-01	011-00978-00	81241 & ON 9810 & ON
UC005	BATTERY 24-30-01-03	AVT-200413	
UC1005	ANTENNA - Located on bottom of cabin. 34-53-01-02	C1105	
UC1006	ANTENNA - Located on bottom of cabin. 34-53-01-01 34-53-01-03	C1105 C1105	
UC1007	ANTENNA - Located on bottom of cabin. 34-50-20-02 34-50-20-03	CI-128A CI-128A	
UC1008	ANTENNA - Located on bottom of cabin. 34-52-20-02 34-52-21-01 34-52-22-01 34-52-23-01 34-52-23-02 34-52-24-01 34-52-25-01 34-52-26-01 34-52-27-01	070-01553-0200 070-01553-0200 070-01553-0200 070-01553-0200 070-01553-0200 070-01553-0200 070-01553-0200 070-01553-0200 070-01553-0200 070-01553-0200	
UC300	SPEAKER - Located in overhead console in cabin. 23-50-10-01	C596504-0101	
UC500	SPEAKER - Located in overhead console in cabin. 23-50-10-02 23-50-10-03 23-50-10-04 23-50-20-01 23-50-20-02 23-50-20-03 23-50-21-01 23-50-21-02 23-50-21-03 23-50-22-01 23-50-24-01	C596504-0101 C596504-0101 C596504-0101 C596504-0101 C596504-0101 C596504-0101 C596504-0101 C596504-0101 C596504-0101 C596504-0101 C596504-0101	
UC600	ANTENNA - Located on bottom of cabin left of center line. 34-51-01-01 34-51-01-02	071-01234-0000 071-01234-0000	
UC800	ENCODING ALTIMETER - Forward of right instrument panel outboard side. 34-52-20-01 34-52-20-02 34-52-21-01 34-52-22-01 34-53-01-02	SSD120-20 SSD120-20 SSD120-20 SSD120-20 SSD120-20	80001 80700 8001 8114

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
UC800	ENCODING ALTIMETER - Forward of right instrument panel outboard side.		
	34-52-20-02	SSD120-30A	
	34-52-21-01	SSD120-30A	
	34-52-22-01	SSD120-30A	
	34-52-23-01	SSD120-30A	
	34-52-23-02	SSD120-30A	
	34-52-24-01	SSD120-30A	
	34-52-25-01	SSD120-30A	
	34-52-26-01	SSD120-30A	
	34-52-27-01	SSD120-30A	
	34-53-01-01	SSD120-30A	
	34-53-01-02	SSD120-30A	
	34-53-01-03	SSD120-30A	
		80701 & ON	
		8115 & ON	
UC901	COOLING FAN - Forward of left instrument panel.		
	21-20-01-01	4000014-002	
	21-20-01-02	4000014-002	
	21-20-01-03	4000014-002	
UF005	FUEL PUMP - Below cockpit floor board near forward firewall.		
	73-10-01-01	5100-00-1	
		80001 80810	
		8001 8316	
UF005	FUEL PUMP - Below cockpit floor board near forward firewall.		
	73-10-01-01	5100-00-3	
		80811 80991	
		8317 8722	
UF005	FUEL PUMP - Below cockpit floor board near forward firewall.		
	73-10-01-01	5100-00-4	
	73-10-01-02	5100-00-4	
		80992 & ON	
		8723 & ON	
UF1000	ANTENNA - Below baggage compartment on lower cabin.		
	23-50-10-01	CI102	
UF1001	ANTENNA - Below baggage compartment on lower cabin.		
	23-50-10-02	CI102	
	23-50-10-03	CI102	
	23-50-10-04	CI102	
	23-50-20-01	CI102	
	23-50-20-02	CI102	
	23-50-20-03	CI102	
	23-50-21-01	CI102	
	23-50-21-02	CI102	
	23-50-21-03	CI102	
UF1002	ANTENNA - Located on top of vertical tail.		
	34-50-10-02	CI-128A	
	34-50-10-03	CI-128A	
	34-50-11-01	CI-128A	
	34-50-11-02	CI-128A	
	34-50-12-01	CI-128A	
	34-50-12-02	CI-128A	
	34-50-12-03	CI-128A	
	34-50-13-01	CI-128A	
UI001	POWER SUPPLY - Located behind instrument panel on far left side.		
	33-10-06-01	6900173	
		80001 80983	
		8001 8703	

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
UI005	PANEL - Located on instrument panel above pilots altimeter		
	24-20-01-01	CSEWCA-01	
	24-20-01-02	CSEWCA-01	
	28-40-01-01	CSEWCA-01	
	28-40-01-02	CSEWCA-01	
	31-20-01-01	CSEWCA-01	
	31-20-01-02	CSEWCA-01	
	31-20-01-03	CSEWCA-01	
	31-20-01-04	CSEWCA-01	
	31-20-01-05	CSEWCA-01	
	31-50-01-01	CSEWCA-01	
	31-50-01-02	CSEWCA-01	
	31-50-01-03	CSEWCA-01	
	31-50-01-04	CSEWCA-01	
	37-20-01-01	CSEWCA-01	
	37-20-01-02	CSEWCA-01	
	77-20-01-01	CSEWCA-01	
		80001 80983	
		8001 8703	
UI005	PANEL - Located on instrument panel above pilots altimeter		
	31-20-01-05	CSEWCA-03	
	31-50-01-04	CSEWCA-03	
		80984 & ON	
		8348 & ON	
UI006	TRANSDUCER - Located in nose compartment on engine.		
	79-30-01-01	P165-5281	
UI009	LED LIGHTED PANEL		
	33-10-01-04	9910607-3	
		81241 81272	
		9810 10102	
UI010	LED LIGHTED PANEL		
	33-10-01-04	9910609-1	
		81241 81271	
		9810 10101	
UI013	CONFIGURATION MODULE KIT		
	77-40-01-01	011-00979-00	
UI014	LED LIGHTED PANEL		
	33-10-01-04	9910610-1	
		81241 & ON	
		9810 & ON	
UI015	LED LIGHTED PANEL		
	33-10-01-04	9910609-2	
		81272 & ON	
		10102 & ON	
UI017	LED LIGHTED PANEL		
	33-10-01-04	9910607-5	
		81273 & ON	
		10103 & ON	
UI1003	COUPLER - Located behind pilot's side panel on left side of cabin.		
	34-50-10-01	S2473-1	
	34-50-11-01	S2473-1	
	34-50-11-02	S2473-1	
	34-50-12-01	S2473-1	
	34-50-12-02	S2473-1	
	34-50-12-03	S2473-1	
	34-50-13-01	S2473-1	
	34-50-20-01	S2473-1	
	34-50-20-02	S2473-1	
	34-50-20-03	S2473-1	

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
UI302	GYRO - Located in left instrument panel.			UI507	PANEL - Located on center instrument panel.		
	22-10-30-01	S3330-1			22-10-02-02	S3100-160	
	22-10-32-01	S3330-1			22-10-02-03	S3100-160	
	22-10-41-01	S3330-1			22-10-30-01	S3100-160	
	22-10-43-01	S3330-1			22-10-31-01	S3100-160	
	22-10-44-01	S3330-1			22-10-32-01	S3100-160	
					22-10-33-01	S3100-160	
					22-10-40-01	S3100-160	
					22-10-41-01	S3100-160	
					23-50-10-02	S3100-160	
					23-50-20-01	S3100-160	
					23-50-20-02	S3100-160	
					23-50-21-01	S3100-160	
					34-50-10-02	S3100-160	
					34-50-11-01	S3100-160	
					34-50-12-01	S3100-160	
					34-50-13-01	S3100-160	
					34-50-20-02	S3100-160	
					34-51-01-01	S3100-160	
					34-52-21-01	S3100-160	
					34-52-22-01	S3100-160	
					34-52-23-01	S3100-160	
							80721 80983
							8190 8703
UI308	INDICATOR - Located in left instrument panel.			UI507	PANEL - Located on center instrument panel.		
	22-10-31-01	066-03046-0007			22-10-31-01	066-01176-0101	
	22-10-33-01	066-03046-0007			22-10-32-01	066-01176-0101	
	22-10-40-01	066-03046-0007			22-10-33-01	066-01176-0101	
	22-10-42-01	066-03046-0007					80984 & ON
	22-10-45-01	066-03046-0007					8704 & ON
	34-20-02-01	066-03046-0007		UI510	NAV/COMM WITH GLIDESLOPE - Located on audio panel.		
	34-20-02-02	066-03046-0007			34-50-11-01	069-01032-0101	
					34-50-12-01	069-01032-0101	
					34-50-13-01	069-01032-0101	
UI309	INDICATOR - Located in left instrument panel.						80001 80720
	22-10-31-01	066-3046-07					8001 8189
	22-10-33-01	066-3046-07		UI510	NAV/COMM WITH GLIDESLOPE - Located on audio panel.		
	22-10-40-01	066-3046-07			34-50-11-01	S3100-155	
	22-10-40-01	066-3046-07			34-50-12-01	S3100-155	
	22-10-42-01	066-3046-07			34-50-13-01	S3100-155	
	22-10-42-01	066-3046-07					80721 80812
	22-10-45-01	066-3046-07					8190 8319
	22-10-45-01	066-3046-07		UI510	NAV/COMM WITH GLIDESLOPE - Located on audio panel.		
	34-20-02-01	066-3046-07			34-50-11-01	S3100-178	
	34-20-02-02	066-3046-07			34-50-11-02	S3100-178	
	34-50-12-02	066-3046-07			34-50-12-01	S3100-178	
	34-50-12-03	066-3046-07			34-50-12-02	S3100-178	
	34-50-13-01	066-3046-07			34-50-12-03	S3100-178	
					34-50-13-01	S3100-178	
							80813 & ON
UI310	SLAVING ACCESSORY						8320 & ON
	34-20-02-01	071-01242-0006		UI511	NAV/COMM - Located on audio panel.		
	34-20-02-02	071-01242-0006			34-50-10-02	069-01032-0201	
UI311	SLAVING ACCESSORY				34-50-11-01	069-01032-0201	
	34-20-02-01	071-01242-0006			34-50-11-02	069-01032-0201	
	34-20-02-02	071-01242-0006			34-50-12-01	069-01032-0201	
					34-50-13-01	069-01032-0201	
UI503	INDICATOR - Located in left instrument panel.						80001 80720
	34-50-20-01	S3100-157					8001 8189
UI507	PANEL - Located on center instrument panel.						
	22-10-02-02	066-01155-0101					
	22-10-30-01	066-01155-0101					
	23-50-10-02	066-01155-0101					
	23-50-20-01	066-01155-0101					
	34-50-10-02	066-01155-0101					
	34-50-11-01	066-01155-0101					
	34-50-12-01	066-01155-0101					
	34-50-13-01	066-01155-0101					
	34-50-20-02	066-01155-0101					
	34-51-01-01	066-01155-0101					
	34-52-21-01	066-01155-0101					
			80001 80601				
UI507	PANEL - Located on center instrument panel.						
	22-10-02-02	066-01155-0201					
	22-10-30-01	066-01155-0201					
	22-10-31-01	066-01155-0201					
	22-10-40-01	066-01155-0201					
	23-50-10-02	066-01155-0201					
	23-50-20-01	066-01155-0201					
	34-50-10-02	066-01155-0201					
	34-50-11-01	066-01155-0201					
	34-50-12-01	066-01155-0201					
	34-50-13-01	066-01155-0201					
	34-50-20-02	066-01155-0201					
	34-51-01-01	066-01155-0201					
	34-52-21-01	066-01155-0201					
	34-52-22-01	066-01155-0201					
			80602 80720				
			8001 8189				

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UI511	NAV/COMM - Located on audio panel.		
	34-50-10-02	S3100-156	
	34-50-11-01	S3100-156	
	34-50-11-02	S3100-156	
	34-50-12-01	S3100-156	
	34-50-13-01	S3100-156	
	34-52-23-01	S3100-156	
			80721 80812 8190 8319
UI511	NAV/COMM - Located on audio panel.		
	34-50-10-02	S3100-179	
	34-50-10-03	S3100-179	
	34-50-11-01	S3100-179	
	34-50-11-02	S3100-179	
	34-50-12-01	S3100-179	
	34-50-12-02	S3100-179	
	34-50-12-03	S3100-179	
	34-50-13-01	S3100-179	
	34-52-23-01	S3100-179	
	34-52-23-02	S3100-179	
	34-52-24-01	S3100-179	
	34-52-25-01	S3100-179	
	34-52-26-01	S3100-179	
	34-52-27-01	S3100-179	
			80813 & ON 8320 & ON
UI512	NAV/COMM - Located on audio panel.		
	34-50-20-02	069-01032-0201	
			80001 80720 8001 8189
UI512	NAV/COMM - Located on audio panel.		
	34-50-20-02	S3100-156	
	34-52-23-01	S3100-156	
			80721 80812 8190 8319
UI512	NAV/COMM - Located on audio panel.		
	34-50-20-02	S3100-179	
	34-50-20-03	S3100-179	
	34-52-23-01	S3100-179	
	34-52-23-02	S3100-179	
	34-52-24-01	S3100-179	
	34-52-25-01	S3100-179	
	34-52-26-01	S3100-179	
	34-52-27-01	S3100-179	
			80813 & ON 8320 & ON
UI516	AUDIO PANEL - Located on center instrument panel.		
	22-10-42-01	3910310-19	
	22-10-43-01	3910310-19	
	22-10-44-01	3910310-19	
	22-10-45-01	3910310-19	
	23-50-10-03	3910310-19	
	23-50-10-04	3910310-19	
	23-50-20-03	3910310-19	
	23-50-21-02	3910310-19	
	23-50-21-03	3910310-19	
	34-40-01-01	3910310-19	
	34-50-10-03	3910310-19	
	34-50-11-02	3910310-19	
	34-50-12-02	3910310-19	
	34-50-12-03	3910310-19	
	34-50-20-03	3910310-19	
	34-51-01-02	3910310-19	
	34-52-24-01	3910310-19	
			80984 & ON 8704 & ON

REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
UI601	INDICATOR - Located on left instrument panel.		
	34-50-10-02	S3100-157	
	34-50-10-03	S3100-157	
	34-50-20-01	S3100-157	
	34-50-20-02	S3100-157	
	34-50-20-03	S3100-157	
UI602	RECEIVER - Located on audio panel.		
	34-51-01-01	066-01072-0014	
	34-51-01-02	066-01072-0014	
UI603	INDICATOR - Located on left instrument panel.		
	34-51-01-01	066-03063-0000	
	34-51-01-02	066-03063-0000	
UI604	INDICATOR - Located on left instrument panel.		
	22-10-30-01	S3100-158	
	22-10-32-01	S3100-158	
	22-10-41-01	S3100-158	
	22-10-43-01	S3100-158	
	22-10-44-01	S3100-158	
	34-50-11-02	S3100-158	
	34-50-12-01	S3100-158	
	34-52-21-01	S3100-158	
	34-52-23-01	S3100-158	
	34-52-23-02	S3100-158	
	34-52-24-01	S3100-158	
	34-52-27-01	S3100-158	
			80780 & ON 8262 & ON
UI605	INDICATOR		
	34-50-11-01	S3100-157	
UI700	RECEIVER - Located on audio panel.		
	34-52-20-01	066-01148-1111	
	34-52-20-02	066-01148-1111	
	34-52-21-01	066-01148-1111	
	34-52-22-01	066-01148-1111	
	34-52-22-01	066-01148-1111	
	34-52-23-01	066-01148-1111	
	34-52-23-01	066-01148-1111	
	34-52-24-01	066-01148-1111	
			80001 80983 8001 8703
UI700	RECEIVER - Located on audio panel.		
	22-10-44-01	069-01034-0101	
	22-10-45-01	069-01034-0101	
	34-52-23-02	069-01034-0101	
	34-52-24-01	069-01034-0101	
	34-52-25-01	069-01034-0101	
	34-52-25-01	069-01034-0101	
	34-52-26-01	069-01034-0101	
	34-52-26-01	069-01034-0101	
	34-52-27-01	069-01034-0101	
			80984 & ON 8704 & ON

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
UI701	RECEIVER - Located on audio panel.			UL006	BALLAST - In leading edge of left wing.		
	22-10-44-01	069-01034-0101			33-40-05-02	81006-1	
	34-20-01-01	069-01034-0101			33-40-05-03	81006-1	
	34-20-01-02	069-01034-0101					81234 & ON
	34-52-23-01	069-01034-0101					9771 & ON
	34-52-23-01	069-01034-0101		UL301	FLUX DETECTOR - Located in left wing.		
	34-52-23-02	069-01034-0101			34-20-03-01	071-1052-00	
	34-52-24-01	069-01034-0101			34-20-03-02	071-1052-00	
	34-52-25-01	069-01034-0101		UN002	BATTERY - Located behind baggage compartment in tail.		
	34-52-25-01	069-01034-0101			24-30-01-01	S1367-6-13	
	34-52-26-01	069-01034-0101			24-30-01-02	S1367-6-13	
	34-52-26-01	069-01034-0101			24-30-01-03	S1367-6-13	
	34-52-27-01	069-01034-0101		UN003	TRANSDUCER - Located on engine in engine compartment.		
			80978 & ON		77-20-01-01	P165-5282	
			8704 & ON		77-20-01-02	P165-5282	
UI701	RECEIVER - Located on audio panel.			UN004	SENSOR - Located on top of engine.		
	22-10-45-01	066-01148-1111			77-40-01-01	S2335-1	
	34-52-20-01	066-01148-1111			79-30-01-01	S2335-1	
	34-52-20-02	066-01148-1111		UN005	PROBE - Located on bottom right side of engine.		
	34-52-21-01	066-01148-1111			77-20-01-01	86316	
	34-52-22-01	066-01148-1111			77-20-01-02	86316	
	34-52-23-01	066-01148-1111					80001 81186
	34-52-23-01	066-01148-1111					8001 9489
			80001 80977	UN005	PROBE - Located on bottom right side of engine.		
			8001 8703		77-20-01-01	86317	
UI702	SELECTOR - Located on audio panel.				77-20-01-02	86317	
	34-52-21-01	MD41-228					81187 & ON
	34-52-22-01	MD41-228					9490 & ON
	34-52-23-01	MD41-228		UR001	POWER SUPPLY - Located on right wing tip.		
			80001 80983		33-40-02-01	C622008-0102	
			8001 8703				80001 81200
UI800	TRANSPONDER - Located on audio panel.						8001 9568
	22-10-40-01	066-01156-0101		UR002	TRANSMITTER - Located on right wing near wing root.		
	22-10-41-01	066-01156-0101			28-40-01-01	S3331-2	
	22-10-42-01	066-01156-0101					80001 80958
	22-10-43-01	066-01156-0101					8001 8615
	22-10-44-01	066-01156-0101		UR002	TRANSMITTER - Located on right wing near wing root.		
	22-10-45-01	066-01156-0101			28-40-01-01	S3594-1	
	34-53-01-01	066-01156-0101			28-40-01-02	S3594-1	
	34-53-01-02	066-01156-0101			77-40-01-01	S3594-1	
	34-53-01-03	066-01156-0101					80959 & ON
UL001	POWER SUPPLY - Located on left wing tip.						8616 & ON
	33-40-02-01	C622008-0102		UR003	POWER SUPPLY - Right wingtip		
			80001 81200		33-40-02-02	01-0770006-17	
			8001 9568		33-40-02-03	01-0770006-17	
UL002	TRANSMITTER - Located near left wing disconnect.				33-40-02-04	01-0770006-17	
	28-40-01-01	S3331-2					81201 & ON
	28-40-01-02	S3331-2					9569 & ON
	77-40-01-01	S3331-2		UR004	SIGNAL CONDITIONER		
UL003	POWER SUPPLY - Left wing tip				77-40-01-01	0570583-2	
	33-40-02-02	01-0770006-17		UT300	ACTUATOR - Located in tailcone on left side.		
	33-40-02-03	01-0770006-17			22-10-40-01	065-00178-2200	
	33-40-02-04	01-0770006-17			22-10-41-01	065-00178-2200	
			81201 & ON				8348 8422
			9569 & ON				
UL004	SIGNAL CONDITIONER						
	77-40-01-01	0570583-2					
UL005	BALLAST - In leading edge of left wing.						
	33-40-05-02	81007-1					
	33-40-05-03	81007-1					
			81234 & ON				
			9771 & ON				

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REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY	REF DES	DESCRIPTION CH-SE-SU-FIG	PART NUMBER	EFFECTIVITY
UT300	ACTUATOR - Located in tailcone on left side.						
	22-10-40-01	S3100-180					
	22-10-41-01	S3100-180					
	22-10-42-01	S3100-180					
	22-10-43-01	S3100-180					
			80888 81110				
			8423 9068				
UT300	ACTUATOR - Located in tailcone on left side.						
	22-10-42-01	S3100-253					
	22-10-43-01	S3100-253					
	22-10-44-01	S3100-253					
	22-10-45-01	S3100-253					
			81111 & ON				
			9069 & ON				
UT301	ACTUATOR - Located in tailcone on left side.						
	22-10-42-01	S3100-253					
	22-10-43-01	S3100-253					
	22-10-44-01	S3100-253					
	22-10-45-01	S3100-253					
			81111 & ON				
			9069 & ON				
UT301	ACTUATOR - Located in tailcone on left side.						
	22-10-40-01	065-00180-0400					
	22-10-41-01	065-00180-0400					
			80984 & ON				
			8348 8422				
UT301	ACTUATOR - Located in tailcone on left side.						
	22-10-40-01	S3100-180					
	22-10-41-01	S3100-180					
			80888 81110				
			8423 9068				
UT302	GYRO - Located on left instrument panel.						
	34-20-02-01	S3330-1					
	34-20-02-02	S3330-1					
UT303	CONVERTER - Located behind baggage compartment.						
	34-50-12-02	066-4009-00					
	34-50-12-02	066-4009-00					
	34-50-13-01	066-4009-00					
	34-50-13-01	066-4009-00					
UT900	TRANSMITTER - Located behind baggage compartment.						
	25-60-01-01	3000-11					
	25-60-01-02	3000-11					
	25-60-01-03	3000-11					
	25-60-01-04	3000-11					
UV1001	ANTENNA - Located on vertical tail.						
	34-50-01-01	C598504-0201					
	34-50-01-02	C598504-0201					
X1	TERMINAL BLOCK - Located in pilots control wheel assy						
	33-10-02-01	0560059-4					
			80001 80003				
ZC001	MODULE - Located on left side of cabin in sidewall.						
	33-10-07-01	1570301-4					

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PART NUMBER	CH-SE-SU-FIG	REF DES	PART NUMBER	CH-SE-SU-FIG	REF DES
008-0041-00	22-10-02-01	GL100	030-00101-0002	34-52-22-01	PI1011
008-0041-00	23-50-10-01	GL100	030-00101-0002	34-52-23-01	PI1011
008-0041-00	34-50-10-01	GL100	030-00101-0002	34-52-23-02	PI1011
008-0041-00	34-50-20-01	GL100	030-00101-0002	34-52-24-01	PI1011
01-0770006-17	33-40-02-02	UL003	030-00101-0002	34-52-25-01	PI1011
01-0770006-17	33-40-02-02	UR003	030-00101-0002	34-52-26-01	PI1011
01-0770006-17	33-40-02-03	UL003	030-00101-0002	34-52-27-01	PI1011
01-0770006-17	33-40-02-03	UR003	030-00101-0002	34-53-01-01	PI1001
01-0770006-17	33-40-02-04	UL003	030-00101-0002	34-53-01-02	PI1001
01-0770006-17	33-40-02-04	UR003	030-00101-0002	34-53-01-03	PI1001
01-0770082-12	33-40-01-03	FL006	030-01094-0002	22-10-40-01	PI800
01-0770082-12	33-40-01-04	FL006	030-01094-0002	22-10-41-01	PI800
01-0770082-12	33-40-01-05	FL006	030-01094-0002	22-10-42-01	PI800
01-0770082-13	33-40-01-03	FR004	030-01094-0002	22-10-43-01	PI800
01-0770082-13	33-40-01-04	FR004	030-01094-0002	22-10-44-01	PI800
01-0770082-13	33-40-01-05	FR004	030-01094-0002	22-10-45-01	PI800
01-0770509-07	33-40-03-01	FV002	030-01094-0002	34-53-01-01	PI800
01-0770509-07	33-40-03-02	FV002	030-01094-0002	34-53-01-02	PI800
01-0770818-00	33-40-02-02	FL007	030-01094-0002	34-53-01-03	PI800
01-0770818-00	33-40-02-02	FR005	030-01094-0004	23-50-10-02	PI509
01-0770818-00	33-40-02-03	FL007	030-01094-0004	23-50-20-01	PI509
01-0770818-00	33-40-02-03	FR005	030-01094-0004	23-50-20-02	PI509
01-0770818-00	33-40-02-04	FL007	030-01094-0004	23-50-21-01	PI509
01-0770818-00	33-40-02-04	FR005	030-01094-0004	34-50-10-02	PI509
011-00820-00	23-20-01-01	PI312	030-01094-0004	34-50-11-01	PI509
011-00820-00	23-21-01-01	PI312	030-01094-0004	34-50-12-01	PI509
011-00820-00	34-20-05-01	PI312	030-01094-0004	34-50-13-01	PI509
011-00820-00	34-20-05-01	PI312	030-01094-0004	34-50-20-02	PI509
011-00869-00	34-10-01-01	PT314	030-01094-0004	34-51-01-01	PI509
011-00869-00	34-20-05-01	PT314	030-01094-0004	34-52-21-01	PI509
011-00978-00	34-10-01-01	TL100	030-01094-0004	34-52-22-01	PI509
011-00979-00	77-40-01-01	UI013	030-01094-0004	34-52-23-01	PI509
011-00981-00	77-40-01-01	TI001	030-01094-0051	23-50-24-01	PT303
011-00997-00	23-21-01-01	PT500	030-01094-0051	34-50-12-02	PT303
011-01010-00	34-10-01-01	PT318	030-01094-0051	34-50-12-02	PT303
011-01010-00	34-20-05-01	PT318	030-01094-0051	34-50-13-01	PT303
030-00005-0000	34-50-17-01	PT1031	030-01094-0051	34-50-13-01	PT303
030-00101-0000	34-51-01-01	PI1008	030-01094-0056	34-50-17-01	PT801
030-00101-0000	34-51-01-02	PI1008	030-01094-0058	22-10-42-01	PI516
030-00101-0000	34-51-01-03	PI1008	030-01094-0058	22-10-43-01	PI516
030-00101-0002	34-50-10-01	PI1000	030-01094-0058	22-10-44-01	PI516
030-00101-0002	34-50-10-01	PI1002	030-01094-0058	22-10-45-01	PI516
030-00101-0002	34-50-10-01	PI1004	030-01094-0058	23-50-10-03	PI516
030-00101-0002	34-50-10-02	PI1000	030-01094-0058	23-50-10-03	PI517
030-00101-0002	34-50-10-02	PI1004	030-01094-0058	23-50-10-03	PI517
030-00101-0002	34-50-10-03	PI1000	030-01094-0058	23-50-10-04	PI516
030-00101-0002	34-50-10-03	PI1004	030-01094-0058	23-50-10-04	PI517
030-00101-0002	34-50-11-01	PI1000	030-01094-0058	23-50-10-04	PI517
030-00101-0002	34-50-11-01	PI1002	030-01094-0058	23-50-20-03	PI516
030-00101-0002	34-50-11-01	PI1004	030-01094-0058	23-50-20-03	PI517
030-00101-0002	34-50-11-02	PI1000	030-01094-0058	23-50-20-03	PI517
030-00101-0002	34-50-11-02	PI1002	030-01094-0058	23-50-21-02	PI516
030-00101-0002	34-50-11-02	PI1004	030-01094-0058	23-50-21-02	PI517
030-00101-0002	34-50-12-01	PI1000	030-01094-0058	23-50-21-02	PI517
030-00101-0002	34-50-12-01	PI1002	030-01094-0058	23-50-21-03	PI516
030-00101-0002	34-50-12-01	PI1004	030-01094-0058	23-50-21-03	PI517
030-00101-0002	34-50-12-02	PI1000	030-01094-0058	23-50-21-03	PI517
030-00101-0002	34-50-12-02	PI1002	030-01094-0058	34-40-01-01	PI516
030-00101-0002	34-50-12-02	PI1004	030-01094-0058	34-50-10-03	PI516
030-00101-0002	34-50-12-03	PI1000	030-01094-0058	34-50-11-02	PI516
030-00101-0002	34-50-12-03	PI1002	030-01094-0058	34-50-12-02	PI516
030-00101-0002	34-50-12-03	PI1004	030-01094-0058	34-50-12-03	PI516
030-00101-0002	34-50-13-01	PI1000	030-01094-0058	34-50-20-03	PI516
030-00101-0002	34-50-13-01	PI1002	030-01094-0058	34-51-01-02	PI516
030-00101-0002	34-50-13-01	PI1004	030-01094-0058	34-52-24-01	PI516
030-00101-0002	34-50-20-01	PI1007	030-01094-0060	34-50-11-01	PI510
030-00101-0002	34-50-20-01	PI1009	030-01094-0060	34-50-11-02	PI510
030-00101-0002	34-50-20-02	PI1007	030-01094-0060	34-50-12-01	PI510
030-00101-0002	34-50-20-02	PI1009	030-01094-0060	34-50-12-02	PI510
030-00101-0002	34-50-20-03	PI1007	030-01094-0060	34-50-12-03	PI510
030-00101-0002	34-50-20-03	PI1009	030-01094-0060	34-50-13-01	PI510
030-00101-0002	34-52-20-01	PI1011	030-01094-0088	34-50-10-02	PI511
030-00101-0002	34-52-20-02	PI1011	030-01094-0088	34-50-10-03	PI511
030-00101-0002	34-52-21-01	PI1011	030-01094-0088	34-50-11-01	PI511

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PART NUMBER	CH-SE-SU-FIG	REF DES	PART NUMBER	CH-SE-SU-FIG	REF DES
030-01094-0088	34-50-11-02	PI511	030-01176-0000	22-10-41-01	PI304
030-01094-0088	34-50-12-01	PI511	030-01176-0000	22-10-41-01	PI304
030-01094-0088	34-50-12-02	PI511	030-01176-0000	22-10-41-01	PI604
030-01094-0088	34-50-12-03	PI511	030-01176-0000	22-10-42-01	PI304
030-01094-0088	34-50-13-01	PI511	030-01176-0000	22-10-42-01	PI304
030-01094-0088	34-50-20-02	PI512	030-01176-0000	22-10-43-01	PI304
030-01094-0088	34-50-20-03	PI512	030-01176-0000	22-10-43-01	PI304
030-01094-0088	34-52-23-01	PI511	030-01176-0000	22-10-43-01	PI604
030-01094-0088	34-52-23-01	PI512	030-01176-0000	22-10-44-01	PI304
030-01094-0088	34-52-23-02	PI511	030-01176-0000	22-10-44-01	PI304
030-01094-0088	34-52-23-02	PI512	030-01176-0000	22-10-44-01	PI604
030-01094-0088	34-52-24-01	PI511	030-01176-0000	22-10-45-01	PI304
030-01094-0088	34-52-24-01	PI512	030-01176-0000	22-10-45-01	PI304
030-01094-0088	34-52-25-01	PI511	030-01176-0000	22-10-46-01	PI304
030-01094-0088	34-52-25-01	PI512	030-01176-0000	22-10-46-01	PI304
030-01094-0088	34-52-26-01	PI511	030-01176-0000	22-10-46-01	PI304
030-01094-0088	34-52-26-01	PI512	030-01176-0000	34-50-11-02	PI604
030-01094-0088	34-52-27-01	PI511	030-01176-0000	34-50-12-01	PI604
030-01094-0088	34-52-27-01	PI512	030-01176-0000	34-52-21-01	PI604
030-01094-059	34-50-10-01	PI502	030-01176-0000	34-52-23-01	PI604
030-01094-059	34-50-20-01	PI503	030-01176-0000	34-52-23-02	PI604
030-01094-060	34-50-10-01	PI501	030-01176-0000	34-52-24-01	PI604
030-01170-0000	34-40-01-01	PT701	030-01176-0000	34-52-27-01	PI604
030-01171-0000	22-10-02-02	PI305	030-02153-0000	22-10-31-01	PI308
030-01171-0000	22-10-02-03	PI305	030-02153-0000	22-10-33-01	PI308
030-01171-0000	22-10-30-01	PI305	030-02153-0000	22-10-40-01	PI308
030-01171-0000	22-10-31-01	PI305	030-02153-0000	22-10-42-01	PI308
030-01171-0000	22-10-32-01	PI305	030-02153-0000	22-10-45-01	PI308
030-01171-0000	22-10-33-01	PI305	030-02153-0000	34-20-02-01	PI308
030-01171-0000	22-10-40-01	PI305	030-02153-0000	34-20-02-02	PI308
030-01171-0000	22-10-41-01	PI305	030-02178-0000	22-10-31-01	PI309
030-01171-0000	22-10-42-01	PI305	030-02178-0000	22-10-33-01	PI309
030-01171-0000	22-10-43-01	PI305	030-02178-0000	22-10-40-01	PI309
030-01171-0000	22-10-44-01	PI305	030-02178-0000	22-10-40-01	PI309
030-01171-0000	22-10-45-01	PI305	030-02178-0000	22-10-42-01	PI309
030-01171-0000	22-10-46-01	PI305	030-02178-0000	22-10-42-01	PI309
030-01175-0000	22-10-02-01	PI300	030-02178-0000	22-10-45-01	PI309
030-01175-0000	22-10-02-02	PI303	030-02178-0000	22-10-45-01	PI309
030-01175-0000	22-10-02-03	PI303	030-02178-0000	34-20-02-01	PI309
030-01175-0000	22-10-30-01	PI303	030-02178-0000	34-20-02-02	PI309
030-01175-0000	22-10-30-01	PI303	030-02178-0000	34-50-12-02	PI309
030-01175-0000	22-10-31-01	PI303	030-02178-0000	34-50-12-03	PI309
030-01175-0000	22-10-31-01	PI303	030-02178-0000	34-50-13-01	PI309
030-01175-0000	22-10-32-01	PI303	030-02190-0000	34-20-03-01	PL301
030-01175-0000	22-10-32-01	PI303	030-02190-0000	34-20-03-02	PL301
030-01175-0000	22-10-33-01	PI303	030-02227-0005	34-50-10-02	PI601
030-01175-0000	22-10-33-01	PI303	030-02227-0005	34-50-10-03	PI601
030-01175-0000	22-10-40-01	PI303	030-02227-0005	34-50-11-01	PI605
030-01175-0000	22-10-40-01	PI303	030-02227-0005	34-50-20-01	PI601
030-01175-0000	22-10-41-01	PI303	030-02227-0005	34-50-20-02	PI601
030-01175-0000	22-10-41-01	PI303	030-02227-0005	34-50-20-03	PI601
030-01175-0000	22-10-42-01	PI303	030-02227-005	34-50-10-01	PI600
030-01175-0000	22-10-42-01	PI303	030-02421-0000	34-20-02-01	PI310
030-01175-0000	22-10-43-01	PI303	030-02421-0000	34-20-02-01	PI311
030-01175-0000	22-10-43-01	PI303	030-02421-0000	34-20-02-02	PI310
030-01175-0000	22-10-44-01	PI303	030-02421-0000	34-20-02-02	PI311
030-01175-0000	22-10-44-01	PI303	030-03248-0000	22-10-01-02	PR301
030-01175-0000	22-10-45-01	PI303	030-03248-0000	22-10-01-03	PR301
030-01175-0000	22-10-45-01	PI303	030-03248-0000	22-10-01-04	PR301
030-01175-0000	22-10-46-01	PI303	030-03248-0000	22-10-40-01	PT300
030-01175-0000	22-10-46-01	PI303	030-03248-0000	22-10-40-01	PT301
030-01175-0000	22-10-46-01	PI303	030-03248-0000	22-10-41-01	PT300
030-01176-0000	22-10-30-01	PI304	030-03248-0000	22-10-41-01	PT301
030-01176-0000	22-10-30-01	PI304	030-03248-0000	22-10-42-01	PT300
030-01176-0000	22-10-30-01	PI604	030-03248-0000	22-10-42-01	PT301
030-01176-0000	22-10-31-01	PI304	030-03248-0000	22-10-43-01	PT300
030-01176-0000	22-10-31-01	PI304	030-03248-0000	22-10-43-01	PT301
030-01176-0000	22-10-32-01	PI304	030-03248-0000	22-10-44-01	PT300
030-01176-0000	22-10-32-01	PI304	030-03248-0000	22-10-44-01	PT301
030-01176-0000	22-10-32-01	PI604	030-03248-0000	22-10-45-01	PT300
030-01176-0000	22-10-33-01	PI304	030-03248-0000	22-10-45-01	PT301
030-01176-0000	22-10-33-01	PI304	030-03248-0000	22-10-46-01	PT300
030-01176-0000	22-10-40-01	PI304	030-03248-0000	22-10-46-01	PT301
030-01176-0000	22-10-40-01	PI304	030-03271-0000	22-10-44-01	PI700

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PART NUMBER	CH-SE-SU-FIG	REF DES	PART NUMBER	CH-SE-SU-FIG	REF DES
030-03271-0000	22-10-45-01	PI700	050-03392-0000	23-50-10-02	PI508
030-03271-0000	34-52-20-01	PI700	050-03392-0000	23-50-20-01	PI507
030-03271-0000	34-52-20-02	PI700	050-03392-0000	23-50-20-01	PI508
030-03271-0000	34-52-21-01	PI700	050-03392-0000	23-50-20-02	PI507
030-03271-0000	34-52-22-01	PI700	050-03392-0000	23-50-20-02	PI508
030-03271-0000	34-52-22-01	PI700	050-03392-0000	23-50-21-01	PI507
030-03271-0000	34-52-23-01	PI700	050-03392-0000	23-50-21-01	PI508
030-03271-0000	34-52-23-01	PI700	050-03392-0000	34-50-10-02	PI507
030-03271-0000	34-52-23-02	PI700	050-03392-0000	34-50-11-01	PI507
030-03271-0000	34-52-24-01	PI700	050-03392-0000	34-50-12-01	PI507
030-03271-0000	34-52-25-01	PI700	050-03392-0000	34-50-13-01	PI507
030-03271-0000	34-52-25-01	PI700	050-03392-0000	34-50-20-02	PI507
030-03271-0000	34-52-26-01	PI700	050-03392-0000	34-51-01-01	PI507
030-03271-0000	34-52-26-01	PI700	050-03392-0000	34-52-21-01	PI507
030-03271-0000	34-52-27-01	PI700	050-03392-0000	34-52-22-01	PI507
030-03272-0000	22-10-44-01	PI701	050-03392-0000	34-52-23-01	PI507
030-03272-0000	22-10-45-01	PI701	050-03605-0000	34-20-01-01	PI406
030-03272-0000	34-20-01-01	PI701	050-03605-0000	34-20-01-02	PI406
030-03272-0000	34-20-01-02	PI701	050-03605-0000	34-20-04-01	PI406
030-03272-0000	34-52-20-01	PI701	050-03605-0000	34-40-01-01	PI406
030-03272-0000	34-52-20-02	PI701	0508001-2	27-50-01-01	GR010
030-03272-0000	34-52-21-01	PI701	0508001-2	27-50-01-02	GR010
030-03272-0000	34-52-22-01	PI701	0508001-2	27-50-01-03	GR010
030-03272-0000	34-52-23-01	PI701	0508001-2	30-30-01-01	GL010
030-03272-0000	34-52-23-01	PI701	0508001-2	30-30-01-02	GL010
030-03272-0000	34-52-23-02	PI701	0508001-2	33-10-06-01	GF011
030-03272-0000	34-52-24-01	PI701	0508001-2	33-40-01-04	GL010
030-03272-0000	34-52-25-01	PI701	0508001-2	33-40-01-05	GL010
030-03272-0000	34-52-25-01	PI701	0508001-2	33-40-04-01	GL010
030-03272-0000	34-52-26-01	PI701	0508001-2	33-40-04-01	GR010
030-03272-0000	34-52-26-01	PI701	0508001-2	33-40-04-02	GL010
030-03272-0000	34-52-27-01	PI701	0508001-2	33-40-04-02	GR010
030-03272-0000	34-40-01-01	PT700	0508001-2	33-40-04-03	GL010
030-1094-58	22-10-02-01	PI500	0508001-2	33-40-04-03	GR010
030-1094-58	23-50-10-01	PI500	0508001-2	33-40-05-02	GL010
030-1094-58	34-50-10-01	PI500	0508001-2	33-40-05-03	GL010
030-1094-58	34-50-20-01	PI500	0508001-2	73-10-01-01	GF011
030-2000-00	22-10-01-01	PR300	0508001-2	73-10-01-02	GF011
030-2000-0000	34-51-01-01	PI603	0508001-2	77-40-01-01	GF011
030-2000-0000	34-51-01-02	PI603	0508001-2	77-40-01-01	GL010
03-06-1023	21-20-01-01	PC901	0508001-2	77-40-01-01	GR010
03-06-1023	21-20-01-02	PC901	0521101-7	33-40-04-01	FL004
03-06-1023	21-20-01-03	PC901	0521101-7	33-40-04-01	FR002
03-06-1023	23-50-25-01	PT901	0521101-7	33-40-04-02	FL004
033-00230-0000	22-10-02-02	PI306	0521101-7	33-40-04-02	FR002
033-00230-0000	22-10-02-03	PI306	0521101-7	33-40-04-03	FL004
033-00230-0000	22-10-30-01	PI306	0521101-7	33-40-04-03	FR002
033-00230-0000	22-10-31-01	PI306	0560059-4	33-10-02-01	X1
033-00230-0000	22-10-32-01	PI306	0570583-2	77-40-01-01	UL004
033-00230-0000	22-10-33-01	PI306	0570583-2	77-40-01-01	UR004
033-00230-0000	22-10-40-01	PI306	065-00178-2200	22-10-40-01	UT300
033-00230-0000	22-10-41-01	PI306	065-00178-2200	22-10-41-01	UT300
033-00230-0000	22-10-42-01	PI306	065-00180-0400	22-10-40-01	UT301
033-00230-0000	22-10-43-01	PI306	065-00180-0400	22-10-41-01	UT301
033-00230-0000	22-10-44-01	PI306	066-01072-0014	34-51-01-01	UI602
033-00230-0000	22-10-45-01	PI306	066-01072-0014	34-51-01-02	UI602
033-00230-0000	22-10-46-01	PI306	066-01148-1111	22-10-45-01	UI701
050-01410-0002	34-20-02-01	PT302	066-01148-1111	34-52-20-01	UI700
050-01410-0002	34-20-02-02	PT302	066-01148-1111	34-52-20-01	UI701
050-03392-0000	22-10-02-02	PI507	066-01148-1111	34-52-20-02	UI700
050-03392-0000	22-10-02-03	PI507	066-01148-1111	34-52-20-02	UI701
050-03392-0000	22-10-30-01	PI507	066-01148-1111	34-52-21-01	UI700
050-03392-0000	22-10-30-01	PI508	066-01148-1111	34-52-21-01	UI701
050-03392-0000	22-10-31-01	PI507	066-01148-1111	34-52-22-01	UI700
050-03392-0000	22-10-31-01	PI508	066-01148-1111	34-52-22-01	UI701
050-03392-0000	22-10-32-01	PI507	066-01148-1111	34-52-22-01	UI700
050-03392-0000	22-10-32-01	PI508	066-01148-1111	34-52-23-01	UI700
050-03392-0000	22-10-33-01	PI507	066-01148-1111	34-52-23-01	UI701
050-03392-0000	22-10-33-01	PI508	066-01148-1111	34-52-23-01	UI700
050-03392-0000	22-10-40-01	PI507	066-01148-1111	34-52-23-01	UI701
050-03392-0000	22-10-40-01	PI508	066-01148-1111	34-52-24-01	UI700
050-03392-0000	22-10-41-01	PI507	066-01155-0101	22-10-02-02	UI507
050-03392-0000	22-10-41-01	PI508	066-01155-0101	22-10-30-01	UI507
050-03392-0000	23-50-10-02	PI507	066-01155-0101	23-50-10-02	UI507

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066-01155-0101	23-50-20-01	UI507	069-01034-0101	34-52-23-01	UI701
066-01155-0101	34-50-10-02	UI507	069-01034-0101	34-52-23-01	UI701
066-01155-0101	34-50-11-01	UI507	069-01034-0101	34-52-23-02	UI700
066-01155-0101	34-50-12-01	UI507	069-01034-0101	34-52-23-02	UI701
066-01155-0101	34-50-13-01	UI507	069-01034-0101	34-52-24-01	UI700
066-01155-0101	34-50-20-02	UI507	069-01034-0101	34-52-24-01	UI701
066-01155-0101	34-51-01-01	UI507	069-01034-0101	34-52-25-01	UI700
066-01155-0101	34-52-21-01	UI507	069-01034-0101	34-52-25-01	UI701
066-01155-0201	22-10-02-02	UI507	069-01034-0101	34-52-25-01	UI700
066-01155-0201	22-10-30-01	UI507	069-01034-0101	34-52-25-01	UI701
066-01155-0201	22-10-31-01	UI507	069-01034-0101	34-52-26-01	UI700
066-01155-0201	22-10-40-01	UI507	069-01034-0101	34-52-26-01	UI701
066-01155-0201	23-50-10-02	UI507	069-01034-0101	34-52-26-01	UI700
066-01155-0201	23-50-20-01	UI507	069-01034-0101	34-52-26-01	UI701
066-01155-0201	34-50-10-02	UI507	069-01034-0101	34-52-27-01	UI700
066-01155-0201	34-50-11-01	UI507	069-01034-0101	34-52-27-01	UI701
066-01155-0201	34-50-12-01	UI507	070-01553-0200	34-52-20-02	UC1008
066-01155-0201	34-50-13-01	UI507	070-01553-0200	34-52-21-01	UC1008
066-01155-0201	34-50-20-02	UI507	070-01553-0200	34-52-22-01	UC1008
066-01155-0201	34-51-01-01	UI507	070-01553-0200	34-52-23-01	UC1008
066-01155-0201	34-52-21-01	UI507	070-01553-0200	34-52-23-02	UC1008
066-01155-0201	34-52-22-01	UI507	070-01553-0200	34-52-24-01	UC1008
066-01156-0101	22-10-40-01	UI800	070-01553-0200	34-52-25-01	UC1008
066-01156-0101	22-10-41-01	UI800	070-01553-0200	34-52-26-01	UC1008
066-01156-0101	22-10-42-01	UI800	070-01553-0200	34-52-27-01	UC1008
066-01156-0101	22-10-43-01	UI800	071-01234-0000	34-51-01-01	UC600
066-01156-0101	22-10-44-01	UI800	071-01234-0000	34-51-01-02	UC600
066-01156-0101	22-10-45-01	UI800	071-01242-0006	34-20-02-01	UI310
066-01156-0101	34-53-01-01	UI800	071-01242-0006	34-20-02-01	UI311
066-01156-0101	34-53-01-02	UI800	071-01242-0006	34-20-02-02	UI310
066-01156-0101	34-53-01-03	UI800	071-01242-0006	34-20-02-02	UI311
066-01176-0101	22-10-31-01	UI507	071-1052-00	34-20-03-01	UL301
066-01176-0101	22-10-32-01	UI507	071-1052-00	34-20-03-02	UL301
066-01176-0101	22-10-33-01	UI507	0721105-12	30-30-01-01	TL001
066-03046-0007	22-10-31-01	UI308	0721105-12	30-30-01-02	TL001
066-03046-0007	22-10-33-01	UI308	08-50-0114	33-10-01-03	PI029
066-03046-0007	22-10-40-01	UI308	08-50-0114	33-10-08-02	P3
066-03046-0007	22-10-42-01	UI308	09-50-6155	34-51-01-01	PI602
066-03046-0007	22-10-45-01	UI308	09-50-6155	34-51-01-02	PI602
066-03046-0007	34-20-02-01	UI308	09-50-6155	34-51-01-03	PI602
066-03046-0007	34-20-02-02	UI308	09-50-6155	34-51-02-01	PI602
066-03063-0000	34-51-01-01	UI603	1.5KE18A	77-40-01-01	D1
066-03063-0000	34-51-01-02	UI603	1.5KE18A	77-40-01-01	D2
066-3046-07	22-10-31-01	UI309	1-160759-1	24-50-01-02	PC022
066-3046-07	22-10-33-01	UI309	1-160759-1	24-50-01-03	PC022
066-3046-07	22-10-40-01	UI309	1-160759-1	24-50-01-04	PC022
066-3046-07	22-10-40-01	UI309	1394T100-10RA	33-10-03-01	E1004
066-3046-07	22-10-42-01	UI309	1570301-4	33-10-07-01	ZC001
066-3046-07	22-10-42-01	UI309	1610-128-050A7	21-20-01-02	HI906
066-3046-07	22-10-45-01	UI309	1610-128-050A7	21-20-01-03	HI906
066-3046-07	22-10-45-01	UI309	1610-128-050A7	24-62-11-02	HI904
066-3046-07	34-20-02-01	UI309	1610-128-050A7	24-62-11-02	HI906
066-3046-07	34-20-02-02	UI309	1610-128-050A7	24-62-11-03	HI904
066-3046-07	34-50-12-02	UI309	1610-128-050A7	24-62-11-03	HI906
066-3046-07	34-50-12-03	UI309	1610-128-050A7	24-62-20-01	HI902
066-3046-07	34-50-13-01	UI309	1610-128-050A7	24-62-20-01	HI903
066-4009-00	34-50-12-02	UT303	1610-128-050A7	24-62-20-01	HI904
066-4009-00	34-50-12-02	UT303	1610-128-050A7	24-62-20-01	HI906
066-4009-00	34-50-13-01	UT303	1610-128-050A7	24-62-21-01	HI902
066-4009-00	34-50-13-01	UT303	1610-128-050A7	24-62-21-01	HI903
069-01032-0101	34-50-11-01	UI510	1610-128-050A7	24-62-21-01	HI904
069-01032-0101	34-50-12-01	UI510	1610-128-050A7	24-62-21-01	HI905
069-01032-0101	34-50-13-01	UI510	1610-128-050A7	24-62-21-01	HI906
069-01032-0201	34-50-10-02	UI511	1610-128-050A7	24-62-22-01	HI902
069-01032-0201	34-50-11-01	UI511	1610-128-050A7	24-62-22-01	HI903
069-01032-0201	34-50-11-02	UI511	1610-128-050A7	24-62-22-01	HI904
069-01032-0201	34-50-12-01	UI511	1610-128-050A7	24-62-22-01	HI905
069-01032-0201	34-50-13-01	UI511	1610-128-050A7	24-62-22-01	HI906
069-01032-0201	34-50-20-02	UI512	1610-128-050A7	24-62-23-01	HI902
069-01034-0101	22-10-44-01	UI700	1610-128-050A7	24-62-23-01	HI903
069-01034-0101	22-10-44-01	UI701	1610-128-050A7	24-62-23-01	HI904
069-01034-0101	22-10-45-01	UI700	1610-128-050A7	24-62-23-01	HI905
069-01034-0101	34-20-01-01	UI701	1610-128-050A7	24-62-23-01	HI906
069-01034-0101	34-20-01-02	UI701	1610-128-050A7	24-62-23-01	HI911

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1610-128-050A7	24-62-24-01	HI902	1610-128-080A7	24-62-27-01	HI900
1610-128-050A7	24-62-24-01	HI904	1610-128-080A7	24-62-27-01	HI901
1610-128-050A7	24-62-24-01	HI906	1610-128-080A7	24-62-28-01	HI900
1610-128-050A7	24-62-25-01	HI902	1610-128-080A7	24-62-28-01	HI901
1610-128-050A7	24-62-25-01	HI903	1610-128-080A7	24-62-29-01	HI900
1610-128-050A7	24-62-25-01	HI904	1610-128-080A7	24-62-29-01	HI901
1610-128-050A7	24-62-25-01	HI906	1610-128-080A7	24-62-30-01	HI900
1610-128-050A7	24-62-26-01	HI902	1610-128-080A7	24-62-30-01	HI901
1610-128-050A7	24-62-26-01	HI904	1610-128-080A7	24-62-31-01	HI900
1610-128-050A7	24-62-26-01	HI906	1610-128-080A7	24-62-31-01	HI901
1610-128-050A7	24-62-27-01	HI902	1610-128-080A7	24-62-32-01	HI900
1610-128-050A7	24-62-27-01	HI903	1610-128-080A7	24-62-32-01	HI901
1610-128-050A7	24-62-27-01	HI904	1610-128-080A7	24-62-33-01	HI900
1610-128-050A7	24-62-27-01	HI906	1610-128-080A7	24-62-33-01	HI901
1610-128-050A7	24-62-28-01	HI902	1610-128-080A7	24-62-34-01	HI900
1610-128-050A7	24-62-28-01	HI904	1610-128-080A7	24-62-34-01	HI901
1610-128-050A7	24-62-28-01	HI906	1610-128-080A7	24-62-35-01	HI900
1610-128-050A7	24-62-28-01	HI911	1610-128-080A7	24-62-35-01	HI901
1610-128-050A7	24-62-29-01	HI902	1N4006	31-50-01-04	DI005
1610-128-050A7	24-62-29-01	HI903	1N4730A	34-20-02-01	DI300
1610-128-050A7	24-62-29-01	HI904	1N4730A	34-20-02-02	DI300
1610-128-050A7	24-62-29-01	HI906	1N6391	24-61-01-01	DI001
1610-128-050A7	24-62-29-01	HI911	1N6391	24-61-01-01	DI002
1610-128-050A7	24-62-30-01	HI902	1N6391	24-61-01-02	DI001
1610-128-050A7	24-62-30-01	HI904	1N6391	24-61-01-02	DI002
1610-128-050A7	24-62-30-01	HI906	1N6391	24-61-01-03	DI001
1610-128-050A7	24-62-30-01	HI921	1N6391	24-61-01-03	DI002
1610-128-050A7	24-62-30-01	HI922	1N6391	24-61-02-01	DI001
1610-128-050A7	24-62-31-01	HI902	1N6391	24-61-02-01	DI002
1610-128-050A7	24-62-31-01	HI903	1N6391	24-61-03-01	DI001
1610-128-050A7	24-62-31-01	HI904	1N6391	24-61-03-01	DI002
1610-128-050A7	24-62-31-01	HI906	1N6391	24-61-03-01	DI006
1610-128-050A7	24-62-31-01	HI921	1N6391	24-61-03-01	DI007
1610-128-050A7	24-62-31-01	HI922	200838-2	24-30-01-01	GI001
1610-128-050A7	24-62-32-01	HI902	200838-2	24-30-01-02	GI001
1610-128-050A7	24-62-32-01	HI904	200838-2	24-30-01-03	GI001
1610-128-050A7	24-62-32-01	HI906	200838-2	24-50-01-01	GI001
1610-128-050A7	24-62-32-01	HI911	200838-2	24-50-01-02	GI001
1610-128-050A7	24-62-32-01	HI921	200838-2	24-50-01-03	GI001
1610-128-050A7	24-62-32-01	HI922	200838-2	24-50-01-04	GI001
1610-128-050A7	24-62-33-01	HI902	200838-2	27-50-01-02	GI001
1610-128-050A7	24-62-33-01	HI903	200838-2	27-50-01-03	GI001
1610-128-050A7	24-62-33-01	HI904	200838-2	28-40-01-01	GI001
1610-128-050A7	24-62-33-01	HI906	200838-2	28-40-01-02	GI001
1610-128-050A7	24-62-33-01	HI911	200838-2	31-20-01-02	GI001
1610-128-050A7	24-62-33-01	HI921	200838-2	31-20-01-03	GI001
1610-128-050A7	24-62-33-01	HI922	200838-2	31-20-01-04	GI001
1610-128-050A7	24-62-34-01	HI902	200838-2	31-20-01-05	GI001
1610-128-050A7	24-62-34-01	HI904	200838-2	31-50-01-04	GI001
1610-128-050A7	24-62-34-01	HI906	200838-2	33-10-01-02	GI001
1610-128-050A7	24-62-34-01	HI921	200838-2	33-10-01-03	GI001
1610-128-050A7	24-62-34-01	HI922	200838-2	33-10-01-04	GI001
1610-128-050A7	24-62-35-01	HI902	200838-2	33-10-03-02	GI001
1610-128-050A7	24-62-35-01	HI903	200838-2	33-10-05-01	GI001
1610-128-050A7	24-62-35-01	HI904	200838-2	33-10-05-02	GI001
1610-128-050A7	24-62-35-01	HI906	200838-2	33-10-05-03	GI001
1610-128-050A7	24-62-35-01	HI921	200838-2	33-10-05-04	GI001
1610-128-050A7	24-62-35-01	HI922	200838-2	33-10-05-05	GI001
1610-128-080A7	24-62-11-02	HI900	200838-2	33-10-06-02	GI001
1610-128-080A7	24-62-11-03	HI900	200838-2	33-40-03-01	GI001
1610-128-080A7	24-62-20-01	HI900	200838-2	33-40-03-02	GI001
1610-128-080A7	24-62-20-01	HI901	200838-2	33-40-05-01	GI001
1610-128-080A7	24-62-21-01	HI900	200838-2	33-40-05-02	GI001
1610-128-080A7	24-62-21-01	HI901	200838-2	33-40-05-03	GI001
1610-128-080A7	24-62-22-01	HI900	200838-2	37-20-01-01	GI001
1610-128-080A7	24-62-22-01	HI901	200838-2	37-20-01-02	GI001
1610-128-080A7	24-62-23-01	HI900	200838-2	74-10-01-01	GI001
1610-128-080A7	24-62-23-01	HI901	200838-2	74-10-01-02	GI001
1610-128-080A7	24-62-24-01	HI900	200838-2	74-10-01-03	GI001
1610-128-080A7	24-62-24-01	HI901	200838-2	77-20-01-02	GI001
1610-128-080A7	24-62-25-01	HI900	200838-2	77-40-01-01	GI001
1610-128-080A7	24-62-25-01	HI901	200838-2	79-30-01-01	GI001
1610-128-080A7	24-62-26-01	HI900	205980-1	31-50-02-01	PI903
1610-128-080A7	24-62-26-01	HI901	206433-2	34-10-01-01	PM300

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206433-2	34-20-02-02	PM300	3910276-2	22-10-01-03	GS300
206434-1	34-20-03-01	JM300	3910276-2	22-10-01-04	GS300
206434-1	34-20-03-02	JM300	3910276-2	22-10-02-02	GS301
225555-6	23-50-25-01	PT1021	3910276-2	22-10-02-03	GS301
225555-6	23-50-25-01	PT1024	3910276-2	22-10-30-01	GS301
225555-6	23-50-25-01	PT1025	3910276-2	22-10-30-01	GS301
225555-6	23-50-25-01	PT1026	3910276-2	22-10-31-01	GS301
225555-6	23-50-25-01	PT1027	3910276-2	22-10-31-01	GS301
225555-6	34-50-10-01	PI1006	3910276-2	22-10-32-01	GS301
225555-6	34-50-11-01	PI1006	3910276-2	22-10-32-01	GS301
225555-6	34-50-11-02	PI1006	3910276-2	22-10-33-01	GS301
225555-6	34-50-12-01	PI1006	3910276-2	22-10-33-01	GS301
225555-6	34-50-12-02	PI1006	3910276-2	22-10-40-01	GS301
225555-6	34-50-12-03	PI1006	3910276-2	22-10-40-01	GS301
225555-6	34-50-13-01	PI1006	3910276-2	22-10-40-01	GS308
225555-6	34-52-20-01	PC1004	3910276-2	22-10-41-01	GS301
225555-6	34-52-20-02	PC1008	3910276-2	22-10-41-01	GS301
225555-6	34-52-21-01	PC1008	3910276-2	22-10-41-01	GS308
225555-6	34-52-22-01	PC1008	3910276-2	22-10-42-01	GS301
225555-6	34-52-23-01	PC1008	3910276-2	22-10-42-01	GS309
225555-6	34-52-23-02	PC1008	3910276-2	22-10-42-01	GS301
225555-6	34-52-24-01	PC1008	3910276-2	22-10-42-01	GS308
225555-6	34-52-25-01	PC1008	3910276-2	22-10-43-01	GS301
225555-6	34-52-26-01	PC1008	3910276-2	22-10-43-01	GS309
225555-6	34-52-27-01	PC1008	3910276-2	22-10-43-01	GS301
225559-2	23-50-25-01	PC1010	3910276-2	22-10-43-01	GS308
225559-2	23-50-25-01	PF1010	3910276-2	22-10-44-01	GS301
2-36153-2	33-40-02-03	GLO10	3910276-2	22-10-44-01	GS309
2-36153-2	33-40-02-04	GLO10	3910276-2	22-10-44-01	GS301
3000-11	25-60-01-01	UT900	3910276-2	22-10-44-01	GS308
3000-11	25-60-01-02	UT900	3910276-2	22-10-45-01	GS301
3000-11	25-60-01-03	UT900	3910276-2	22-10-45-01	GS309
3000-11	25-60-01-04	UT900	3910276-2	22-10-45-01	GS301
31B22207	24-30-01-01	MN002	3910276-2	22-10-45-01	GS308
31B22207	24-30-01-02	MN002	3910276-2	22-10-46-01	GS301
31B22207	24-30-01-03	MN002	3910276-2	22-10-46-01	GS301
330-00185-44	22-10-46-01	PT311	3910276-2	22-10-46-01	GS308
330-00185-44	23-50-22-01	PT305	3910276-2	22-10-46-01	GS301
330-00185-44	23-50-22-01	PT317	3910276-2	23-50-10-03	GS309
330-00185-44	23-50-22-01	PT317	3910276-2	23-50-10-04	GS309
330-00185-44	23-50-24-01	PT305	3910276-2	23-50-20-03	GS309
330-00185-44	23-50-24-01	PT317	3910276-2	23-50-21-02	GS309
330-00185-44	23-50-24-01	PT317	3910276-2	23-50-21-03	GS309
330-00185-44	23-50-25-01	PT305	3910276-2	23-50-21-03	GS309
330-00185-44	23-50-25-01	PT311	3910276-2	24-50-01-02	GS901
330-00185-44	23-50-25-01	PT317	3910276-2	25-60-01-01	GS901
330-00185-62	23-50-22-01	PT303	3910276-2	25-60-01-02	GS901
330-00185-62	23-50-22-01	PT306	3910276-2	25-60-01-03	GS901
330-00185-62	23-50-24-01	PT306	3910276-2	25-60-01-04	GS901
330-00185-78	22-10-46-01	PT313	3910276-2	34-20-02-01	GS901
330-00185-78	23-50-22-01	PT304	3910276-2	34-20-02-02	GS901
330-00185-78	23-50-22-01	PT307	3910276-2	34-20-04-01	GS901
330-00185-78	23-50-24-01	PT304	3910276-2	34-40-01-01	GS309
330-00185-78	23-50-24-01	PT307	3910276-2	34-40-01-01	GS901
330-00185-78	23-50-25-01	PT309	3910276-2	34-50-10-03	GS309
330-00185-78	23-50-25-01	PT312	3910276-2	34-50-11-02	GS309
330-00185-78	31-50-02-01	PT307	3910276-2	34-50-12-02	GS309
330-00185-78	34-10-01-01	PT304	3910276-2	34-50-12-02	GS901
330-00185-78	34-10-01-01	PT307	3910276-2	34-50-12-02	GS901
330-00185-78	34-20-05-01	PT304	3910276-2	34-50-12-03	GS309
330-00185-78	34-20-05-01	PT307	3910276-2	34-50-13-01	GS901
330-00185-78	34-50-17-01	PT313	3910276-2	34-50-13-01	GS901
330-00185-78	34-51-02-01	PT312	3910276-2	34-50-20-03	GS309
330-00185-78	34-51-02-01	PT313	3910276-2	34-51-01-02	GS309
330-00185-78	34-53-02-01	PT304	3910276-2	34-52-24-01	GS309
330-00185-78	34-53-02-01	PT307	3910310-19	22-10-42-01	UI516
331178	23-50-10-01	PF1000	3910310-19	22-10-43-01	UI516
35R4PC4BH3	23-21-01-01	PC512	3910310-19	22-10-44-01	UI516
35R4PC4BH3	23-50-10-03	PC512	3910310-19	22-10-45-01	UI516
35R4PC4BH3	23-50-20-03	PC512	3910310-19	23-50-10-03	UI516
35R4PC4BH3	23-50-21-02	PC512	3910310-19	23-50-10-04	UI516
3852A162-152A	27-10-01-01	R1	3910310-19	23-50-20-03	UI516
3910276-2	22-10-01-01	GS300	3910310-19	23-50-21-02	UI516

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3910310-19	23-50-21-03	UI516	83278	31-20-01-05	SN001
3910310-19	34-40-01-01	UI516	83278	77-40-01-01	SN001
3910310-19	34-50-10-03	UI516	86316	77-20-01-01	UN005
3910310-19	34-50-11-02	UI516	86316	77-20-01-02	UN005
3910310-19	34-50-12-02	UI516	86317	77-20-01-01	UN005
3910310-19	34-50-12-03	UI516	86317	77-20-01-02	UN005
3910310-19	34-50-20-03	UI516	97-4106A14S-5S	22-10-02-02	PI307
3910310-19	34-51-01-02	UI516	97-4106A14S-5S	22-10-02-03	PI307
3910310-19	34-52-24-01	UI516	97-4106A14S-5S	22-10-30-01	PI307
3929110-2	25-60-01-01	SI900	97-4106A14S-5S	22-10-31-01	PI307
3929110-2	25-60-01-02	SI900	97-4106A14S-5S	22-10-32-01	PI307
3929123-2	25-60-01-03	SI900	97-4106A14S-5S	22-10-33-01	PI307
3929138-2	25-60-01-04	SI900	97-4106A14S-5S	22-10-40-01	PI307
3929138-2	25-60-01-05	SI900	97-4106A14S-5S	22-10-41-01	PI307
4000014-002	21-20-01-01	UC901	97-4106A14S-5S	22-10-42-01	PI307
4000014-002	21-20-01-02	UC901	97-4106A14S-5S	22-10-43-01	PI307
4000014-002	21-20-01-03	UC901	97-4106A14S-5S	22-10-44-01	PI307
4344-184-226	24-40-01-01	SI022	97-4106A14S-5S	22-10-45-01	PI307
4344-184-226	24-40-01-02	SI022	97-4106A14S-5S	22-10-46-01	PI307
4587	33-40-05-01	FL001	9910591-11	24-20-01-01	MN001
4594	33-40-05-01	FL002	9910591-11	24-20-01-02	MN001
4595-1	33-10-05-01	FC002	9910591-11	24-20-01-03	MN001
4595-1	33-10-05-01	FC003	9910591-5	24-20-01-01	MN001
4596	33-40-05-01	FL002	9910607-3	33-10-01-04	UI009
4596-1	33-10-05-01	FC005	9910607-5	33-10-01-04	UI017
4626	33-40-05-01	FL001	9910609-1	33-10-01-04	UI010
5100-00-1	73-10-01-01	UF005	9910609-2	33-10-01-04	UI015
5100-00-3	73-10-01-01	UF005	9910610-1	33-10-01-04	UI014
5100-00-4	73-10-01-01	UF005	A2101	24-20-01-01	ACU
5100-00-4	73-10-01-02	UF005	A2101	24-20-01-02	ACU
6100192-000	24-40-01-01	NZ001	A2101	24-20-01-03	ACU
6100192-000	24-40-01-02	NZ001	A2101	24-30-01-01	ACU
6280-3SG-513	77-40-01-01	PN025	A2101	24-30-01-02	ACU
6900173	33-10-06-01	UI001	A2101	24-30-01-03	ACU
7105P4YZQE	27-10-01-02	S3	AEKTKSAD0404	77-40-01-01	PF003
7105P4YZQE	27-10-01-02	S4	AEKTKSAD0409	33-40-05-02	PL010
7300248-1	33-10-06-02	FI007	AEKTKSAD0409	33-40-05-02	PL011
7300248-2	33-10-06-01	FI002	AEKTKSAD0409	33-40-05-03	PL010
745492-3	34-40-01-01	PF800	AEKTKSAD0409	33-40-05-03	PL011
77041	31-20-01-01	SN001	AGC5	24-20-01-01	F4
77041	31-20-01-02	SN001	AGC5	24-20-01-02	F4
770585-1	24-20-01-01	JI006	AGC5	24-20-01-03	F4
770585-1	24-20-01-02	JI006	AGC5	24-30-01-01	F4
770585-1	28-40-01-01	JI006	AGC5	24-30-01-02	F4
770585-1	28-40-01-02	JI006	AGC5	24-30-01-03	F4
770585-1	31-20-01-01	JI006	AN5-4A	24-20-01-01	GN008
770585-1	31-20-01-02	JI006	AN5-4A	24-20-01-02	GN008
770585-1	31-20-01-03	JI006	AN5-4A	24-20-01-03	GN008
770585-1	31-20-01-04	JI006	AN5-4A	24-30-01-01	GN008
770585-1	31-20-01-05	JI006	AN5-4A	24-30-01-02	GN008
770585-1	31-50-01-01	JI006	AN5-4A	24-30-01-03	GN008
770585-1	31-50-01-02	JI006	AT432000	31-20-01-01	EI002
770585-1	31-50-01-03	JI006	AT432000	31-20-01-04	EI029
770585-1	31-50-01-04	JI006	AT432000	33-10-04-01	EI002
770585-1	37-20-01-01	JI006	ATC-30	24-20-01-01	F1
770585-1	37-20-01-02	JI006	ATC-30	24-20-01-01	F2
770585-1	77-20-01-01	JI006	ATC-30	24-20-01-02	F1
796753-1	33-40-02-03	AL001	ATC-30	24-20-01-02	F2
796753-1	33-40-02-04	AL001	ATC-30	24-30-01-01	F1
81006-1	33-40-05-02	UL006	ATC-30	24-30-01-01	F2
81006-1	33-40-05-03	UL006	ATC-30	24-30-01-02	F1
81007-1	33-40-05-02	UL005	ATC-30	24-30-01-03	F1
81007-1	33-40-05-03	UL005	AVT-200413	24-30-01-03	UC005
81008-1	33-40-05-02	FL008	C1105	34-53-01-01	UC1006
81008-1	33-40-05-03	FL008	C1105	34-53-01-02	UC1005
81009-1	33-40-05-02	FL009	C1105	34-53-01-03	UC1006
81009-1	33-40-05-03	FL009	C292501-0109	74-10-01-01	SI002
81010-1	33-40-05-02	FL008	C292501-0109	74-10-01-02	SI002
81010-1	33-40-05-03	FL008	C292501-0109	74-10-01-03	SI002
81011-1	33-40-05-02	FL009	C301002-0110	27-50-01-01	MR001
81011-1	33-40-05-03	FL009	C301002-0110	27-50-01-02	MR001
83278	31-20-01-02	SN001	C301002-0110	27-50-01-03	MR001
83278	31-20-01-03	SN001	C307PRF-11	31-20-01-02	TF001
83278	31-20-01-04	SN001	C307PRF-11	31-20-01-03	TF001

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C307PRF-11	31-20-01-05	TF001	CM3589-10	24-61-01-01	HI013
C307PS	31-20-01-02	TF001	CM3589-10	24-61-01-02	HI001
C596504-0101	23-50-10-01	UC300	CM3589-10	24-61-01-02	HI013
C596504-0101	23-50-10-02	UC500	CM3589-10	24-61-01-03	HI001
C596504-0101	23-50-10-03	UC500	CM3589-10	24-61-01-03	HI013
C596504-0101	23-50-10-04	UC500	CM3589-10	24-61-02-01	HI001
C596504-0101	23-50-20-01	UC500	CM3589-10	24-61-02-01	HI013
C596504-0101	23-50-20-02	UC500	CM3589-10	33-40-05-01	HI001
C596504-0101	23-50-20-03	UC500	CM3589-10	33-40-05-01	HI013
C596504-0101	23-50-21-01	UC500	CM3589-10	33-40-05-02	HI001
C596504-0101	23-50-21-02	UC500	CM3589-10	33-40-05-02	HI013
C596504-0101	23-50-21-03	UC500	CM3589-5	24-61-01-01	HI002
C596504-0101	23-50-22-01	UC500	CM3589-5	24-61-01-01	HI004
C596504-0101	23-50-24-01	UC500	CM3589-5	24-61-01-01	HI005
C598504-0201	34-50-01-01	UV1001	CM3589-5	24-61-01-01	HI006
C598504-0201	34-50-01-02	UV1001	CM3589-5	24-61-01-01	HI012
C622001-0102	33-40-01-01	FV001	CM3589-5	24-61-01-02	HI002
C622001-0102	33-40-01-02	FV001	CM3589-5	24-61-01-02	HI004
C622001-0201	33-40-01-01	FL003	CM3589-5	24-61-01-02	HI005
C622001-0201	33-40-01-01	FR001	CM3589-5	24-61-01-02	HI006
C622001-0201	33-40-01-02	FL003	CM3589-5	24-61-01-02	HI012
C622001-0201	33-40-01-02	FR001	CM3589-5	24-61-01-03	HI002
C622003-0101	33-40-02-01	FL005	CM3589-5	24-61-01-03	HI004
C622003-0101	33-40-02-01	FR003	CM3589-5	24-61-01-03	HI005
C622008-0102	33-40-02-01	UL001	CM3589-5	24-61-01-03	HI006
C622008-0102	33-40-02-01	UR001	CM3589-5	24-61-01-03	HI012
C660501-0103	33-10-01-01	FC001	CM3589-5	24-61-02-01	HI002
C660501-0103	33-10-01-02	FC001	CM3589-5	24-61-02-01	HI004
C660501-0103	33-10-01-03	FC001	CM3589-5	24-61-02-01	HI005
C660501-0103	33-10-01-04	FC001	CM3589-5	24-61-02-01	HI006
CCF-551002F	27-50-01-02	RR001	CM3589-5	24-61-02-01	HI012
CCF-551002F	27-50-01-02	RR002	CM3589-5	30-30-01-01	HI006
CCF-551002F	27-50-01-03	RR001	CM3589-5	33-10-02-01	HI002
CCF-551002F	27-50-01-03	RR002	CM3589-5	33-10-02-02	HI002
CCF-552430F	33-10-07-01	RZ001	CM3589-5	33-10-02-03	HI002
CCF-552430F	33-10-07-01	RZ002	CM3589-5	33-10-02-04	HI002
CCF-552430F	33-10-07-01	RZ003	CM3589-5	33-40-01-01	HI002
CCF-552611F	33-10-01-03	RI005	CM3589-5	33-40-01-02	HI002
CCF-552611F	33-10-01-04	RI012	CM3589-5	33-40-01-03	HI002
CCF-553740F	33-10-01-03	RI004	CM3589-5	33-40-01-04	HI002
CCF-553740F	33-10-01-04	RI011	CM3589-5	33-40-02-01	HI005
CCF-554320F	33-10-05-02	RC003	CM3589-5	33-40-02-02	HI005
CCF-554320F	33-10-05-03	RC003	CM3589-5	33-40-02-03	HI005
CCF-554320F	33-10-05-04	RC003	CM3589-5	33-40-03-01	HI004
CCF-554320F	33-10-05-04	RF003	CM3589-5	73-10-01-01	HI012
CCF-554320F	33-10-05-05	RC003	CNP-100-001	31-20-01-03	TF001
CCF-554320F	33-10-05-05	RF003	CNP-100-001	31-20-01-04	TF002
CCF-5595R3F	33-10-05-02	RC002	CSEWCA-01	24-20-01-01	UI005
CCF-5595R3F	33-10-05-03	RC002	CSEWCA-01	24-20-01-02	UI005
CCF-5595R3F	33-10-05-04	RC002	CSEWCA-01	28-40-01-01	UI005
CCF-5595R3F	33-10-05-04	RF002	CSEWCA-01	28-40-01-02	UI005
CCF-5595R3F	33-10-05-05	RC002	CSEWCA-01	31-20-01-01	UI005
CCF-5595R3F	33-10-05-05	RF002	CSEWCA-01	31-20-01-02	UI005
CI102	23-50-10-01	UF1000	CSEWCA-01	31-20-01-03	UI005
CI102	23-50-10-02	UF1001	CSEWCA-01	31-20-01-04	UI005
CI102	23-50-10-03	UF1001	CSEWCA-01	31-20-01-05	UI005
CI102	23-50-10-04	UF1001	CSEWCA-01	31-50-01-01	UI005
CI102	23-50-20-01	UF1001	CSEWCA-01	31-50-01-02	UI005
CI102	23-50-20-02	UF1001	CSEWCA-01	31-50-01-03	UI005
CI102	23-50-20-03	UF1001	CSEWCA-01	31-50-01-04	UI005
CI102	23-50-21-01	UF1001	CSEWCA-01	37-20-01-01	UI005
CI102	23-50-21-02	UF1001	CSEWCA-01	37-20-01-02	UI005
CI102	23-50-21-03	UF1001	CSEWCA-01	77-20-01-01	UI005
CI-128A	34-50-10-02	UF1002	CSEWCA-03	31-20-01-05	UI005
CI-128A	34-50-10-03	UF1002	CSEWCA-03	31-50-01-04	UI005
CI-128A	34-50-11-01	UF1002	CSR13-2356	33-10-07-01	CZ001
CI-128A	34-50-11-02	UF1002	CSR13-2356	33-10-07-01	CZ002
CI-128A	34-50-12-01	UF1002	CSR13-2356	33-10-07-01	CZ003
CI-128A	34-50-12-02	UF1002	CSR13-2356	33-10-07-01	CZ004
CI-128A	34-50-12-03	UF1002	D01PB406NT-837	22-10-30-01	PI302
CI-128A	34-50-13-01	UF1002	D01PB406NT-837	22-10-32-01	PI302
CI-128A	34-50-20-02	UC1007	D01PB406NT-837	22-10-41-01	PI302
CI-128A	34-50-20-03	UC1007	D01PB406NT-837	22-10-43-01	PI302
CM3589-10	24-61-01-01	HI001	D01PB406NT-837	22-10-44-01	PI302

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D02EEBFRTH-0022	24-50-01-01	JC008	MNS112B	23-50-20-03	PC510
F53-0003	24-20-01-01	F1	MNS112B	23-50-20-03	PC511
F53-0003	24-20-01-01	F2	MNS112B	23-50-20-03	PC517
F53-0003	24-20-01-02	F1	MNS112B	23-50-20-03	PF509
F53-0003	24-20-01-02	F2	MNS112B	23-50-20-03	PF513
F53-0003	24-20-01-02	F3	MNS112B	23-50-21-02	PC510
F53-0003	24-20-01-03	F1	MNS112B	23-50-21-02	PC511
F53-0003	24-20-01-03	F2	MNS112B	23-50-21-02	PC517
F53-0003	24-20-01-03	F3	MNS112B	23-50-21-02	PF509
F53-0003	24-30-01-01	F1	MNS112B	23-50-21-02	PF513
F53-0003	24-30-01-02	F1	MNS112B	23-50-21-03	PC510
F53-0003	24-30-01-02	F2	MNS112B	23-50-21-03	PC511
F53-0003	24-30-01-02	F3	MNS112B	23-50-21-03	PC517
F53-0003	24-30-01-03	F1	MNS112B	23-50-21-03	PF509
F53-0003	24-30-01-03	F2	MNS112B	23-50-21-03	PF513
F53-0003	24-30-01-03	F3	MNS112B	23-50-22-01	PC510
F7-16-4	37-20-01-01	SN011	MNS112B	23-50-22-01	PC511
F7-16-4	37-20-01-01	SN012	MNS112B	23-50-22-01	PC517
F7-16-4	37-20-01-02	SN011	MNS112B	23-50-22-01	PF509
F7-16-4	37-20-01-02	SN012	MNS112B	23-50-22-01	PF513
J20125-32	33-10-05-01	SC001	MNS112B	23-50-24-01	PC510
J20125-32	33-10-05-01	SC002	MNS112B	23-50-24-01	PC511
J20125-32	33-10-05-01	SC004	MNS112B	23-50-24-01	PC517
J20125-32	33-10-05-02	SC004	MNS112B	23-50-24-01	PF509
J20125-32	33-10-05-03	SC004	MNS112B	23-50-24-01	PF513
J20125-32	33-10-05-04	SC004	MS25171-1S	74-10-01-01	RN001
J20125-32	33-10-05-05	SC004	MS25171-1S	74-10-01-01	RN002
KTKSAD10280X3	24-20-01-02	PB019	MS25171-1S	74-10-01-02	RN001
KTKSAD10280X3	24-20-01-03	PB019	MS25171-1S	74-10-01-02	RN002
KTKSAD10280X3	24-30-01-02	PB019	MS25171-1S	74-10-01-03	RN001
KTKSAD10280X3	24-30-01-03	PB019	MS25171-1S	74-10-01-03	RN002
KTKSAD2022F150X2	73-10-01-01	JF005	MS25231-1829	33-10-01-01	FI003
KTKSAD2022F150X2	73-10-01-02	JF005	MS25231-1829	33-10-01-02	FI003
LM350K	33-10-07-01	OZ001	MS25231-1829	33-10-01-03	FI003
LM350K	33-10-07-01	OZ002	MS25231-1829	33-10-01-04	FI003
LM350K	33-10-07-01	OZ003	MS26574-5	24-62-26-01	HI916
LMD-4001-P	25-60-01-01	JZ905	MS26574-5	24-62-27-01	HI916
LMD-4001-P	25-60-01-02	JZ905	MS26574-5	24-62-28-01	HI916
LMD-4001-P	25-60-01-03	JZ905	MS26574-5	24-62-29-01	HI916
LMD-4001-S	25-60-01-01	PZ905	MS26574-5	24-62-30-01	HI916
LMD-4001-S	25-60-01-02	PZ905	MS26574-5	24-62-31-01	HI916
LMD-4001-S	25-60-01-03	PZ905	MS26574-5	24-62-32-01	HI916
M24308/2-2	34-52-20-01	PC800	MS26574-5	24-62-33-01	HI916
M24308/2-2	34-52-20-02	PC800	MS26574-5	24-62-34-01	HI916
M24308/2-2	34-52-21-01	PC800	MS26574-5	24-62-35-01	HI916
M24308/2-2	34-52-22-01	PC800	MS27473E12F35P	34-51-01-01	PC600
M24308/2-2	34-52-23-01	PC800	MS27473E12F35P	34-51-01-02	PC600
M24308/2-2	34-52-23-02	PC800	MS27473E12F35P	34-51-01-03	PC600
M24308/2-2	34-52-24-01	PC800	MS3106F14S-5S	22-10-02-01	PI301
M24308/2-2	34-52-25-01	PC800	MS35058-22	24-40-01-01	SI013
M24308/2-2	34-52-26-01	PC800	MS35058-22	24-40-01-01	SI014
M24308/2-2	34-52-27-01	PC800	MS35058-22	24-40-01-01	SI015
M24308/2-2	34-53-01-01	PC800	MS35058-22	24-40-01-01	SI016
M24308/2-2	34-53-01-02	PC800	MS35058-22	24-40-01-01	SI017
M24308/2-2	34-53-01-03	PC800	MS35058-22	24-40-01-01	SI018
M803B-2-0/28V-B	31-20-01-02	EI019	MS35058-22	24-40-01-01	SI019
M803B-2-0/28V-B	31-20-01-03	EI019	MS35058-22	24-40-01-02	SI013
M803B-2-0/28V-B	31-20-01-05	EI019	MS35058-22	24-40-01-02	SI014
M803B-2-0/28V-B	33-10-04-02	EI019	MS35058-22	24-40-01-02	SI015
MD41-228	34-52-21-01	UI702	MS35058-22	24-40-01-02	SI016
MD41-228	34-52-22-01	UI702	MS35058-22	24-40-01-02	SI017
MD41-228	34-52-23-01	UI702	MS35058-22	24-40-01-02	SI018
MJ500-K	77-20-01-01	JN006	MS35058-22	24-40-01-02	SI019
MJ500-K	77-20-01-02	JN006	MS35058-22	24-40-01-02	SI023
MNS112B	23-50-10-03	PC510	MS35058-22	24-50-01-04	SI023
MNS112B	23-50-10-03	PC511	MS35059-31	24-40-01-01	SI021
MNS112B	23-50-10-03	PC517	MS35059-31	24-40-01-02	SI021
MNS112B	23-50-10-03	PF509	N112B	23-50-10-03	PC509
MNS112B	23-50-10-03	PF513	N112B	23-50-10-03	PC515
MNS112B	23-50-10-04	PC510	N112B	23-50-10-03	PF508
MNS112B	23-50-10-04	PC511	N112B	23-50-10-03	PF512
MNS112B	23-50-10-04	PC517	N112B	23-50-10-04	PC509
MNS112B	23-50-10-04	PF509	N112B	23-50-10-04	PC515
MNS112B	23-50-10-04	PF513	N112B	23-50-10-04	PF508

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N112B	23-50-20-03	PC509	RD9F00JVL0	31-20-01-02	JI021
N112B	23-50-20-03	PC515	RD9F00JVL0	31-20-01-03	JI021
N112B	23-50-20-03	PF508	RD9F00JVL0	31-20-01-04	JI021
N112B	23-50-20-03	PF512	RD9F00JVL0	31-20-01-05	JI021
N112B	23-50-21-02	PC509	RD9F00JVL0	33-10-04-02	JI021
N112B	23-50-21-02	PC515	RD9F00JVL0	34-52-23-02	PI703
N112B	23-50-21-02	PF508	RD9F00JVL0	34-52-24-01	PI703
N112B	23-50-21-02	PF512	RD9F00JVL0	34-52-25-01	PI703
N112B	23-50-21-03	PC509	RL6806-1	33-10-05-01	FC002
N112B	23-50-21-03	PC515	RL6806-1	33-10-05-01	FC003
N112B	23-50-21-03	PF508	RL6808-1	33-10-05-01	FC005
N112B	23-50-21-03	PF512	RL6870-1	33-10-05-02	FC006
N112B	23-50-22-01	PC509	RL6870-1	33-10-05-02	FC007
N112B	23-50-22-01	PC515	RL6870-1	33-10-05-03	FC006
N112B	23-50-22-01	PF508	RL6870-1	33-10-05-03	FC007
N112B	23-50-22-01	PF512	RL6870-1	33-10-05-04	FC007
N112B	23-50-24-01	PC509	RL6870-1	33-10-05-04	FC012
N112B	23-50-24-01	PC515	RL6870-1	33-10-05-04	FF004
N112B	23-50-24-01	PF508	RL6870-1	33-10-05-05	FC007
N112B	23-50-24-01	PF512	RL6870-1	33-10-05-05	FC012
NJM317F	33-10-01-03	QI001	RL6870-1	33-10-05-05	FF004
NJM317F	33-10-01-04	QI002	RN55C1001F	77-40-01-01	R3
NJM317F	33-10-08-01	Q1	RN65E4990B	77-40-01-01	R1
NJM317F	33-10-08-02	Q1	RN65E4990B	77-40-01-01	R2
NJM317F	33-10-08-02	Q2	S1102-1	23-50-10-01	PC303
NMP-K-F	77-40-01-01	JN011	S1102-1	23-50-10-01	PC304
NMP-K-F	77-40-01-01	JN012	S1102-1	23-50-10-01	PF303
NMP-K-F	77-40-01-01	JN013	S1102-1	23-50-10-02	PC503
NMP-K-F	77-40-01-01	JN014	S1102-1	23-50-10-02	PC504
NMP-K-F	77-40-01-01	JN017	S1102-1	23-50-10-02	PC505
NMP-K-F	77-40-01-01	JN018	S1102-1	23-50-10-02	PF503
NMP-K-F	77-40-01-01	JN019	S1102-1	23-50-10-02	PF505
NMP-K-F	77-40-01-01	JN020	S1102-1	23-50-20-01	PC503
P165-5281	79-30-01-01	UI006	S1102-1	23-50-20-01	PC504
P165-5282	77-20-01-01	UN003	S1102-1	23-50-20-01	PC505
P165-5282	77-20-01-02	UN003	S1102-1	23-50-20-01	PF503
RCR20G241JP	33-10-07-01	RZ001	S1102-1	23-50-20-01	PF505
RCR20G241JP	33-10-07-01	RZ002	S1102-1	23-50-20-02	PC503
RCR20G241JP	33-10-07-01	RZ003	S1102-1	23-50-20-02	PC504
RD15F00JVL0	24-40-01-01	PI036	S1102-1	23-50-20-02	PC505
RD15F00JVL0	24-40-01-02	PI036	S1102-1	23-50-20-02	PF503
RD15F00JVL0	34-40-01-01	PI706	S1102-1	23-50-20-02	PF505
RD15F00JVL0	34-52-26-01	PI706	S1102-1	23-50-21-01	PC503
RD15F00JVL0	34-52-27-01	PI706	S1102-1	23-50-21-01	PC504
RD25F00JVL0	34-20-04-01	PT709	S1102-1	23-50-21-01	PC505
RD25F00JVL0	34-52-21-01	PI702	S1102-1	23-50-21-01	PF503
RD25F00JVL0	34-52-22-01	PI702	S1102-1	23-50-21-01	PF505
RD25F00JVL0	34-52-23-01	PI702	S1360-10L	24-61-01-01	HI007
RD50F10JVL0	22-10-31-01	PI704	S1360-10L	24-61-01-02	HI007
RD50F10JVL0	22-10-33-01	PI704	S1360-10L	24-61-01-03	HI007
RD50F10JVL0	22-10-40-01	PI704	S1360-10L	24-61-02-01	HI007
RD50F10JVL0	22-10-42-01	PI704	S1360-10L	27-50-01-01	HI007
RD50F10JVL0	22-10-45-01	PI704	S1360-10L	27-50-01-02	HI007
RD50F10JVL0	34-20-02-01	PI704	S1360-15L	24-61-01-01	HI023
RD50F10JVL0	34-20-02-02	PI704	S1360-15L	24-61-01-01	HI024
RD50F10JVL0	34-50-12-02	PI704	S1360-15L	24-61-01-02	HI023
RD50F10JVL0	34-50-12-03	PI704	S1360-15L	24-61-01-02	HI024
RD50F10JVL0	34-50-13-01	PI704	S1360-15L	24-61-01-03	HI023
RD50F10JVL0	34-52-22-01	PI704	S1360-15L	24-61-01-03	HI024
RD50F10JVL0	34-52-25-01	PI704	S1360-15L	24-61-02-01	HI023
RD50F10JVL0	34-52-26-01	PI704	S1360-15L	24-61-02-01	HI024
RD50M10JVL0	22-10-31-01	PI705	S1360-5L	21-20-01-01	HI106
RD50M10JVL0	22-10-33-01	PI705	S1360-5L	22-10-02-01	HI105
RD50M10JVL0	22-10-40-01	PI705	S1360-5L	24-50-01-01	HI015
RD50M10JVL0	22-10-42-01	PI705	S1360-5L	24-50-01-02	HI015
RD50M10JVL0	22-10-45-01	PI705	S1360-5L	24-61-01-01	HI003
RD50M10JVL0	34-20-02-01	PI705	S1360-5L	24-61-01-01	HI008
RD50M10JVL0	34-20-02-02	PI705	S1360-5L	24-61-01-01	HI009
RD50M10JVL0	34-50-12-02	PI705	S1360-5L	24-61-01-01	HI010
RD50M10JVL0	34-50-12-03	PI705	S1360-5L	24-61-01-01	HI022
RD50M10JVL0	34-50-13-01	PI705	S1360-5L	24-61-01-01	HI030
RD50M10JVL0	34-52-22-01	PI705	S1360-5L	24-61-01-02	HI003
RD50M10JVL0	34-52-25-01	PI705	S1360-5L	24-61-01-02	HI008

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S1360-5L	24-61-01-02	HI009	S1612-1	23-50-20-01	PF504
S1360-5L	24-61-01-02	HI010	S1612-1	23-50-20-02	PC502
S1360-5L	24-61-01-02	HI022	S1612-1	23-50-20-02	PC506
S1360-5L	24-61-01-03	HI003	S1612-1	23-50-20-02	PF502
S1360-5L	24-61-01-03	HI008	S1612-1	23-50-20-02	PF504
S1360-5L	24-61-01-03	HI009	S1612-1	23-50-21-01	PC502
S1360-5L	24-61-01-03	HI010	S1612-1	23-50-21-01	PC506
S1360-5L	24-61-01-03	HI015	S1612-1	23-50-21-01	PF502
S1360-5L	24-61-01-03	HI022	S1612-1	23-50-21-01	PF504
S1360-5L	24-61-02-01	HI003	S1637-1	30-30-01-01	PL006
S1360-5L	24-61-02-01	HI008	S1637-1	30-30-01-01	PL007
S1360-5L	24-61-02-01	HI009	S1637-1	30-30-01-02	PL006
S1360-5L	24-61-02-01	HI010	S1637-1	30-30-01-02	PL007
S1360-5L	24-61-02-01	HI022	S1637-1	33-40-01-01	PL003
S1360-5L	24-62-11-01	HI102	S1637-1	33-40-01-01	PR002
S1360-5L	24-62-11-01	HI103	S1637-1	33-40-01-01	PV001
S1360-5L	24-62-11-01	HI104	S1637-1	33-40-01-01	PV002
S1360-5L	24-62-11-01	HI105	S1637-1	33-40-01-02	PL003
S1360-5L	24-62-11-01	HI106	S1637-1	33-40-01-02	PR002
S1360-5L	28-40-01-01	HI009	S1637-1	33-40-01-02	PV001
S1360-5L	28-40-01-02	HI009	S1637-1	33-40-01-02	PV002
S1360-5L	31-20-01-01	HI022	S1637-1	33-40-01-03	PV001
S1360-5L	31-20-01-02	HI022	S1637-1	33-40-01-03	PV002
S1360-5L	31-20-01-03	HI022	S1637-1	33-40-01-04	PV001
S1360-5L	31-20-01-04	HI022	S1637-1	33-40-01-04	PV002
S1360-5L	31-20-01-05	HI022	S1637-1	33-40-01-05	PV001
S1360-5L	33-10-01-01	HI003	S1637-1	33-40-01-05	PV002
S1360-5L	33-10-01-02	HI003	S1637-1	33-40-02-01	PL005
S1360-5L	33-10-01-03	HI003	S1637-1	33-40-02-01	PR004
S1360-5L	33-10-01-03	HI015	S1637-1	33-40-02-02	PL005
S1360-5L	33-10-06-01	HI003	S1637-1	33-40-02-02	PR004
S1360-5L	34-21-01-01	HI008	S1637-1	33-40-02-03	PL005
S1360-5L	34-52-20-01	HI102	S1637-1	33-40-02-03	PR004
S1360-5L	37-20-01-01	HI022	S1637-1	33-40-02-04	PL005
S1360-5L	37-20-01-02	HI022	S1637-1	33-40-02-04	PR004
S1360-5L	74-10-01-01	HI009	S1637-1	33-40-04-01	PL004
S1360-5L	74-10-01-02	HI009	S1637-1	33-40-04-01	PL020
S1360-5L	77-20-01-01	HI009	S1637-1	33-40-04-01	PR003
S1360-5L	77-20-01-02	HI009	S1637-1	33-40-04-01	PR020
S1360-5L	79-30-01-01	HI009	S1637-1	33-40-04-02	PL004
S1360-8L	24-62-11-01	HI100	S1637-1	33-40-04-02	PL020
S1360-8L	24-62-11-01	HI101	S1637-1	33-40-04-02	PR003
S1360-8L	34-50-10-01	HI100	S1637-1	33-40-04-02	PR020
S1367-6-13	24-30-01-01	UN002	S1637-1	33-40-04-03	PL004
S1367-6-13	24-30-01-02	UN002	S1637-1	33-40-04-03	PL020
S1367-6-13	24-30-01-03	UN002	S1637-1	33-40-04-03	PR003
S1370-0	27-10-01-01	A2	S1637-1	33-40-04-03	PR020
S1370-1	27-10-01-01	A1	S1637-2	30-30-01-01	JL006
S1370-1	27-10-01-02	A1	S1637-2	30-30-01-01	JL007
S1370-1	33-10-02-02	A1	S1637-2	30-30-01-02	JL006
S1370-1	33-10-02-03	A1	S1637-2	30-30-01-02	JL007
S1370-1	33-10-02-04	A1	S1637-2	33-40-01-01	JL003
S1370-1	33-10-02-05	A1	S1637-2	33-40-01-01	JR002
S1493-1	31-20-01-01	EI003	S1637-2	33-40-01-01	JV001
S1493-1	31-20-01-02	EI003	S1637-2	33-40-01-01	JV002
S1493-1	31-20-01-03	EI003	S1637-2	33-40-01-02	JL003
S1493-1	31-20-01-04	EI003	S1637-2	33-40-01-02	JR002
S1493-1	31-20-01-05	EI003	S1637-2	33-40-01-02	JV001
S1493-1	77-40-01-01	EI003	S1637-2	33-40-01-02	JV002
S1493-2	27-50-01-01	SR001	S1637-2	33-40-01-03	JV001
S1493-2	27-50-01-01	SR002	S1637-2	33-40-01-03	JV002
S1493-2	27-50-01-02	SR001	S1637-2	33-40-01-04	JV001
S1493-2	27-50-01-02	SR002	S1637-2	33-40-01-04	JV002
S1493-2	27-50-01-03	SR001	S1637-2	33-40-01-05	JV001
S1493-2	27-50-01-03	SR002	S1637-2	33-40-01-05	JV002
S1612-1	23-50-10-01	PC302	S1637-2	33-40-02-01	JL005
S1612-1	23-50-10-01	PF302	S1637-2	33-40-02-01	JR004
S1612-1	23-50-10-02	PC502	S1637-2	33-40-02-02	JL005
S1612-1	23-50-10-02	PC506	S1637-2	33-40-02-02	JR004
S1612-1	23-50-10-02	PF502	S1637-2	33-40-02-03	JL005
S1612-1	23-50-10-02	PF504	S1637-2	33-40-02-03	JR004
S1612-1	23-50-20-01	PC502	S1637-2	33-40-02-04	JL005
S1612-1	23-50-20-01	PC506	S1637-2	33-40-02-04	JR004
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S1637-2	33-40-04-03	J1	S1640-9	22-10-01-01	PS300
S1638-1	22-10-01-03	PR007	S1640-9	22-10-02-01	PC007
S1638-1	22-10-01-04	PR007	S1640-9	22-10-02-01	PS300
S1638-1	27-50-01-01	JR006	S1640-9	22-10-02-02	PC007
S1638-1	27-50-01-02	JR006	S1640-9	22-10-02-02	PS300
S1638-1	27-50-01-02	PR007	S1640-9	22-10-02-03	PC007
S1638-1	27-50-01-03	JR006	S1640-9	22-10-02-03	PS300
S1638-1	27-50-01-03	PR007	S1640-9	22-10-30-01	PC007
S1638-1	31-20-01-01	J1004	S1640-9	22-10-30-01	PS300
S1638-1	31-50-01-01	JC014	S1640-9	22-10-31-01	PC007
S1638-1	33-10-04-01	J1004	S1640-9	22-10-31-01	PS300
S1638-1	33-10-05-01	JC011	S1640-9	22-10-32-01	PC007
S1638-1	33-10-05-02	J1026	S1640-9	22-10-32-01	PS300
S1638-1	33-10-05-03	J1026	S1640-9	22-10-33-01	PC007
S1638-1	33-10-06-01	J1032	S1640-9	22-10-33-01	PS300
S1638-1	33-40-04-01	JC011	S1640-9	22-10-40-01	PC007
S1638-2	27-50-01-01	PR006	S1640-9	22-10-40-01	PS300
S1638-2	27-50-01-02	JR007	S1640-9	22-10-40-01	PC007
S1638-2	27-50-01-02	PR006	S1640-9	22-10-41-01	PC007
S1638-2	27-50-01-03	JR007	S1640-9	22-10-41-01	PS300
S1638-2	27-50-01-03	PR006	S1640-9	22-10-41-01	PC007
S1638-2	31-20-01-01	PI004	S1640-9	22-10-42-01	PC007
S1638-2	31-50-01-01	PC014	S1640-9	22-10-42-01	PS300
S1638-2	33-10-04-01	PI004	S1640-9	22-10-42-01	PC007
S1638-2	33-10-05-01	PC011	S1640-9	22-10-43-01	PC007
S1638-2	33-10-06-01	P1	S1640-9	22-10-43-01	PS300
S1638-2	33-40-02-01	J1	S1640-9	22-10-43-01	PC007
S1638-2	33-40-04-01	PC011	S1640-9	22-10-44-01	PC007
S1638-4	24-50-01-01	JC009	S1640-9	22-10-44-01	PS300
S1638-4	27-50-01-01	PI001	S1640-9	22-10-44-01	PC007
S1638-4	27-50-01-02	PI001	S1640-9	22-10-45-01	PC007
S1638-4	27-50-01-03	PI001	S1640-9	22-10-45-01	PS300
S1638-4	33-10-01-01	PI012	S1640-9	22-10-45-01	PC007
S1638-4	33-10-01-02	PI012	S1640-9	22-10-46-01	PS300
S1638-4	33-10-01-03	PI012	S1640-9	23-50-10-01	PC007
S1638-4	33-10-03-01	PI012	S1640-9	23-50-10-02	PC007
S1638-4	33-10-09-01	PI012	S1640-9	23-50-10-03	PC007
S1638-4	33-10-09-01	PI012A	S1640-9	23-50-10-04	PC007
S1638-5	23-50-10-01	J1505	S1640-9	23-50-20-01	PC007
S1638-5	27-50-01-01	J1001	S1640-9	23-50-20-02	PC007
S1638-5	27-50-01-02	J1001	S1640-9	23-50-20-03	PC007
S1638-5	27-50-01-03	J1001	S1640-9	23-50-21-01	PC007
S1638-5	33-10-01-01	J1012	S1640-9	23-50-21-02	PC007
S1638-5	33-10-03-01	J1012	S1640-9	23-50-21-03	PC007
S1638-5	33-10-09-01	J1012	S1640-9	24-61-01-01	PC007
S1638-6	24-50-01-01	PC009	S1640-9	24-61-01-02	PC007
S1638-6	33-10-01-02	J1012	S1640-9	24-61-01-03	PC007
S1638-6	33-10-01-03	J1012	S1640-9	25-60-01-01	PC007
S1638-6	33-10-09-01	J1012	S1640-9	25-60-01-02	PC007
S1638-6	33-10-09-01	J1012A	S1640-9	25-60-01-03	PC007
S1640-12	33-40-01-03	PL002	S1640-9	25-60-01-04	PC007
S1640-12	33-40-01-04	PL002	S1640-9	27-10-01-01	P1
S1640-12	33-40-01-05	PL002	S1640-9	27-10-01-02	P1
S1640-12	33-40-02-02	PL002	S1640-9	27-50-01-01	PR001
S1640-12	33-40-02-03	PL002	S1640-9	27-50-01-02	PR001
S1640-12	33-40-02-04	PL002	S1640-9	27-50-01-03	PR001
S1640-6	24-61-01-01	PC010	S1640-9	28-40-01-01	PL002
S1640-6	24-61-01-02	PC010	S1640-9	28-40-01-01	PR001
S1640-6	24-61-01-03	PC010	S1640-9	30-30-01-01	PL002
S1640-6	24-61-02-01	PC010	S1640-9	30-30-01-02	PL002
S1640-6	27-50-01-01	PC010	S1640-9	31-50-01-01	PC007
S1640-6	27-50-01-02	PC010	S1640-9	31-50-01-02	PC007
S1640-6	30-30-01-01	PC010	S1640-9	31-50-01-03	PC007
S1640-6	31-50-01-02	PC015	S1640-9	31-50-01-04	PC007
S1640-6	31-50-01-03	PC015	S1640-9	33-10-01-01	PC005
S1640-6	31-50-01-04	PC015	S1640-9	33-10-01-01	PC007
S1640-6	33-10-01-02	PC015	S1640-9	33-10-01-02	PC005
S1640-6	33-10-01-03	PC015	S1640-9	33-10-01-02	PC007
S1640-6	33-10-05-02	PC035	S1640-9	33-10-01-03	PC005
S1640-6	33-10-05-03	PC035	S1640-9	33-10-01-03	PC007
S1640-6	33-40-03-01	PC010	S1640-9	33-10-01-04	PC005
S1640-6	33-40-04-02	PC035	S1640-9	33-10-02-02	PC007
S1640-6	33-40-05-01	PC010	S1640-9	33-10-02-03	PC007

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S1640-9	33-10-02-04	PC007	S1641-6	24-50-01-01	PT001
S1640-9	33-10-05-04	PC036	S1641-6	24-50-01-02	PT001
S1640-9	33-10-05-05	PC036	S1641-6	24-50-01-03	PF004
S1640-9	33-10-06-01	PC005	S1641-6	24-50-01-04	PF004
S1640-9	33-10-06-02	PC005	S1641-6	24-61-01-01	JC010
S1640-9	33-40-01-01	PL002	S1641-6	24-61-01-02	JC010
S1640-9	33-40-01-01	PR001	S1641-6	24-61-01-03	JC010
S1640-9	33-40-01-02	PL002	S1641-6	24-61-02-01	JC010
S1640-9	33-40-01-02	PR001	S1641-6	27-50-01-01	JC010
S1640-9	33-40-01-03	PR001	S1641-6	27-50-01-02	JC010
S1640-9	33-40-01-04	PR001	S1641-6	30-30-01-01	JC010
S1640-9	33-40-01-05	PR001	S1641-6	31-50-01-02	JC015
S1640-9	33-40-02-01	PL002	S1641-6	31-50-01-03	JC015
S1640-9	33-40-02-01	PR001	S1641-6	31-50-01-04	JC015
S1640-9	33-40-02-02	PR001	S1641-6	33-10-01-02	JC015
S1640-9	33-40-02-03	PR001	S1641-6	33-10-01-03	JC015
S1640-9	33-40-02-04	PR001	S1641-6	33-10-02-02	J1506
S1640-9	33-40-04-01	PL002	S1641-6	33-10-02-03	J1506
S1640-9	33-40-04-01	PR001	S1641-6	33-10-02-04	J1506
S1640-9	33-40-04-02	PL002	S1641-6	33-10-05-02	JC035
S1640-9	33-40-04-02	PR001	S1641-6	33-10-05-03	JC035
S1640-9	33-40-04-03	PC036	S1641-6	33-10-05-04	J1043
S1640-9	33-40-04-03	PL002	S1641-6	33-10-05-05	J1043
S1640-9	33-40-04-03	PR001	S1641-6	33-40-03-01	JC010
S1640-9	33-40-05-01	PL002	S1641-6	33-40-04-02	JC035
S1640-9	33-40-05-02	PL002	S1641-6	33-40-05-01	JC010
S1640-9	33-40-05-03	PL002	S1641-6	33-40-05-02	JC010
S1640-9	34-21-01-01	PC007	S1641-9	22-10-01-01	JS300
S1640-9	34-52-21-01	PC007	S1641-9	22-10-01-02	JS300
S1640-9	34-52-22-01	PC007	S1641-9	22-10-01-03	JS300
S1640-9	34-52-23-01	PC007	S1641-9	22-10-01-04	JS300
S1640-9	34-52-23-02	PC007	S1641-9	22-10-40-01	J1514
S1640-9	34-52-24-01	PC007	S1641-9	22-10-41-01	J1514
S1640-9	34-52-25-01	PC007	S1641-9	22-10-42-01	J1514
S1640-9	34-52-26-01	PC007	S1641-9	22-10-43-01	J1514
S1640-9	34-52-27-01	PC007	S1641-9	22-10-44-01	J1514
S1641-1	22-10-02-01	JC007	S1641-9	22-10-45-01	J1514
S1641-1	24-61-01-01	JC007	S1641-9	22-10-46-01	J1514
S1641-1	24-61-01-02	JC007	S1641-9	23-50-21-02	J1514
S1641-1	24-61-01-03	JC007	S1641-9	23-50-21-03	J1514
S1641-1	31-50-01-01	JC007	S1641-9	23-50-22-01	J1514
S1641-1	31-50-01-02	JC007	S1641-9	23-50-24-01	J1514
S1641-1	31-50-01-03	JC007	S1641-9	27-50-01-01	JR001
S1641-1	31-50-01-04	JC007	S1641-9	27-50-01-02	JR001
S1641-1	33-10-01-01	JC007	S1641-9	27-50-01-03	JR001
S1641-1	33-10-01-02	JC007	S1641-9	28-40-01-01	JL002
S1641-1	33-10-01-03	JC007	S1641-9	28-40-01-01	JR001
S1641-1	33-10-02-02	JC007	S1641-9	30-30-01-01	JL002
S1641-1	33-10-02-03	JC007	S1641-9	30-30-01-02	JL002
S1641-1	33-10-02-04	JC007	S1641-9	33-10-01-01	JC005
S1641-1	34-21-01-01	JC007	S1641-9	33-10-01-01	J1003
S1641-6	22-10-02-02	J1506	S1641-9	33-10-01-01	P1
S1641-6	22-10-02-03	J1506	S1641-9	33-10-01-02	JC005
S1641-6	22-10-30-01	J1506	S1641-9	33-10-01-02	J1003
S1641-6	22-10-31-01	J1506	S1641-9	33-10-01-02	P1
S1641-6	22-10-32-01	J1506	S1641-9	33-10-01-03	JC005
S1641-6	22-10-33-01	J1506	S1641-9	33-10-01-03	J1003
S1641-6	23-50-10-02	J1506	S1641-9	33-10-01-03	P1
S1641-6	23-50-10-02	J1513	S1641-9	33-10-01-04	JC005
S1641-6	23-50-10-03	J1506	S1641-9	33-10-01-04	J1003
S1641-6	23-50-10-03	J1513	S1641-9	33-10-01-04	P1
S1641-6	23-50-10-04	J1506	S1641-9	33-10-02-05	J1514
S1641-6	23-50-10-04	J1513	S1641-9	33-10-03-02	J1003
S1641-6	23-50-20-01	J1506	S1641-9	33-10-05-02	P1
S1641-6	23-50-20-01	J1513	S1641-9	33-10-05-03	P1
S1641-6	23-50-20-02	J1506	S1641-9	33-10-05-04	JC036
S1641-6	23-50-20-02	J1513	S1641-9	33-10-05-04	P1
S1641-6	23-50-20-03	J1506	S1641-9	33-10-05-05	JC036
S1641-6	23-50-20-03	J1513	S1641-9	33-10-05-05	P1
S1641-6	23-50-21-01	J1506	S1641-9	33-10-06-01	JC005
S1641-6	23-50-21-01	J1513	S1641-9	33-10-06-02	JC005
S1641-6	23-50-21-02	J1513	S1641-9	33-10-07-01	J1003
S1641-6	23-50-21-03	J1513	S1641-9	33-10-07-01	P1
S1641-6	23-50-24-01	J1513	S1641-9	33-10-08-01	P1

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S1641-9	33-10-08-02	P1	S2035-1	27-50-01-02	PR022
S1641-9	33-40-01-01	JL002	S2035-1	27-50-01-03	PR005
S1641-9	33-40-01-01	JR001	S2035-1	27-50-01-03	PR022
S1641-9	33-40-01-02	JL002	S2035-1	33-10-01-01	PC003
S1641-9	33-40-01-02	JR001	S2035-1	33-10-01-01	PC004
S1641-9	33-40-01-03	JL002	S2035-1	33-10-01-02	PC003
S1641-9	33-40-01-03	JR001	S2035-1	33-10-01-02	PC004
S1641-9	33-40-01-04	JL002	S2035-1	33-10-01-03	PC003
S1641-9	33-40-01-04	JR001	S2035-1	33-10-01-03	PC004
S1641-9	33-40-01-05	JL002	S2035-1	33-10-01-04	PC003
S1641-9	33-40-01-05	JR001	S2035-1	33-10-01-04	PC004
S1641-9	33-40-02-01	JL002	S2035-1	33-10-03-01	PI007
S1641-9	33-40-02-01	JR001	S2035-1	33-10-03-01	PI008
S1641-9	33-40-02-02	JL002	S2035-1	33-10-03-01	PI009
S1641-9	33-40-02-02	JR001	S2035-1	33-10-03-01	PI010
S1641-9	33-40-02-03	JL002	S2035-1	33-10-03-01	PI011
S1641-9	33-40-02-03	JR001	S2035-1	33-10-03-01	PI014
S1641-9	33-40-02-04	JL002	S2035-1	33-10-03-01	PI016
S1641-9	33-40-02-04	JR001	S2035-1	33-10-03-02	PI009
S1641-9	33-40-04-01	JL002	S2035-1	33-10-03-02	PI010
S1641-9	33-40-04-01	JR001	S2035-1	33-10-03-02	PI011
S1641-9	33-40-04-02	JL002	S2035-1	33-10-06-02	J1
S1641-9	33-40-04-02	JR001	S2035-1	33-10-09-01	PI011
S1641-9	33-40-04-03	JC036	S2035-1	33-40-03-01	PV004
S1641-9	33-40-04-03	JL002	S2035-1	33-40-03-01	PV005
S1641-9	33-40-04-03	JR001	S2035-1	33-40-03-02	PV004
S1641-9	33-40-05-01	JL002	S2035-1	33-40-03-02	PV005
S1641-9	33-40-05-02	JL002	S2035-1	34-20-02-01	PI007
S1641-9	33-40-05-03	JL002	S2035-1	34-20-02-02	PI007
S1695-5	31-50-01-01	SI003	S2035-1	34-20-05-01	J1
S1696-5	31-50-01-02	SI004	S2035-1	34-20-05-01	J1314
S1696-5	31-50-01-03	SI004	S2035-1	73-10-01-01	P1
S1696-6	31-50-01-04	SI005	S2035-1	73-10-01-02	P1
S1904-5	33-10-01-04	RI006	S2035-2	23-50-10-01	J1504
S1904-5	33-10-01-04	RI007	S2035-2	23-50-22-01	J1513
S1904-5	33-10-01-04	RI008	S2035-2	23-50-24-01	J1513
S1904-5	33-10-01-04	RI009	S2035-2	24-61-01-01	JC012
S1906-1	27-50-01-01	SI007	S2035-2	24-61-01-02	JC012
S1906-1	27-50-01-01	SI008	S2035-2	24-61-01-03	JC012
S1906-1	27-50-01-02	SI007	S2035-2	24-61-02-01	JC012
S1906-1	27-50-01-02	SI008	S2035-2	24-62-11-02	JC012
S1906-1	27-50-01-03	SI007	S2035-2	24-62-20-01	JC012
S1906-1	27-50-01-03	SI008	S2035-2	24-62-21-01	JC012
S1915-1	24-20-01-01	CN001	S2035-2	24-62-22-01	JC012
S1915-1	24-20-01-02	CN001	S2035-2	24-62-23-01	JC012
S1915-1	24-20-01-03	CN001	S2035-2	27-10-01-01	P1
S1915-3	24-20-01-01	CN001	S2035-2	27-10-01-02	P1
S1985-1	27-10-01-01	S1	S2035-2	27-50-01-01	JR005
S2035-1	24-61-01-01	PC012	S2035-2	27-50-01-01	JR022
S2035-1	24-61-01-02	PC012	S2035-2	27-50-01-02	JR005
S2035-1	24-61-01-03	PC012	S2035-2	27-50-01-02	JR022
S2035-1	24-61-02-01	PC012	S2035-2	27-50-01-03	JR005
S2035-1	24-62-11-01	PC012	S2035-2	27-50-01-03	JR022
S2035-1	24-62-11-02	PC012	S2035-2	33-10-01-01	JC003
S2035-1	24-62-11-03	PC012	S2035-2	33-10-01-01	JC004
S2035-1	24-62-20-01	PC012	S2035-2	33-10-01-02	JC003
S2035-1	24-62-21-01	PC012	S2035-2	33-10-01-02	JC004
S2035-1	24-62-22-01	PC012	S2035-2	33-10-01-03	JC003
S2035-1	24-62-23-01	PC012	S2035-2	33-10-01-03	JC004
S2035-1	24-62-24-01	PC012	S2035-2	33-10-01-04	JC003
S2035-1	24-62-25-01	PC012	S2035-2	33-10-01-04	JC004
S2035-1	24-62-26-01	PC012	S2035-2	33-10-01-04	PI039
S2035-1	24-62-27-01	PC012	S2035-2	33-10-01-04	PI040
S2035-1	24-62-28-01	PC012	S2035-2	33-10-02-01	J1030
S2035-1	24-62-29-01	PC012	S2035-2	33-10-03-01	J1007
S2035-1	24-62-30-01	PC012	S2035-2	33-10-03-01	J1008
S2035-1	24-62-31-01	PC012	S2035-2	33-10-03-01	J1009
S2035-1	24-62-32-01	PC012	S2035-2	33-10-03-01	J1010
S2035-1	24-62-33-01	PC012	S2035-2	33-10-03-01	J1011
S2035-1	24-62-34-01	PC012	S2035-2	33-10-03-01	J1014
S2035-1	24-62-35-01	PC012	S2035-2	33-10-03-01	J1016
S2035-1	27-50-01-01	PR005	S2035-2	33-10-03-02	J1009
S2035-1	27-50-01-01	PR022	S2035-2	33-10-03-02	J1010
S2035-1	27-50-01-02	PR005	S2035-2	33-10-03-02	J1011

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S2035-2	33-10-06-02	PI027	S2349-1	34-53-01-02	PI901
S2035-2	33-10-09-01	JI011	S2349-1	73-10-01-02	PC026
S2035-2	33-10-09-01	JI024	S2349-1	77-40-01-01	PC026
S2035-2	33-40-01-03	JL008	S2349-2	24-40-01-02	PC037
S2035-2	33-40-01-03	JR010	S2349-2	24-50-01-04	PC037
S2035-2	33-40-01-04	JL008	S2349-3	24-30-01-01	JI019
S2035-2	33-40-01-04	JR010	S2349-3	24-30-01-02	JI019
S2035-2	33-40-01-05	JL008	S2349-3	24-50-01-03	PC024
S2035-2	33-40-01-05	JR010	S2349-3	24-50-01-04	PC024
S2035-2	33-40-03-01	JV004	S2349-3	24-61-03-01	PC024
S2035-2	33-40-03-01	JV005	S2349-3	27-50-01-03	PC024
S2035-2	33-40-03-02	JV004	S2349-3	28-40-01-01	JI013
S2035-2	33-40-03-02	JV005	S2349-3	28-40-01-02	JI013
S2035-2	34-20-05-01	PI314	S2349-3	33-10-01-01	JI017
S2035-2	34-20-05-01	PI315	S2349-3	33-10-01-02	JI017
S2035-2	34-20-05-01	PI316	S2349-3	33-10-01-03	JI017
S2046-3	34-50-01-02	JV1002	S2349-3	33-10-01-04	PC024
S2091-9	33-10-01-01	RI001	S2349-3	33-10-01-04	PC031
S2091-9	33-10-01-01	RI002	S2349-3	33-10-02-05	PC031
S2091-9	33-10-01-02	RI001	S2349-3	33-10-04-01	JI013
S2091-9	33-10-01-02	RI002	S2349-3	33-10-04-01	JI015
S2091-9	33-10-01-03	RI001	S2349-3	33-10-04-01	JI017
S2091-9	33-10-01-03	RI002	S2349-3	33-10-04-01	JI019
S2335-1	77-40-01-01	UN004	S2349-3	33-10-04-02	JI013
S2335-1	79-30-01-01	UN004	S2349-3	33-10-04-02	JI015
S2349-1	21-20-01-01	PZ900	S2349-3	33-10-04-02	JI017
S2349-1	21-20-01-02	PI901	S2349-3	33-10-04-02	JI019
S2349-1	21-20-01-03	PI901	S2349-3	33-10-05-03	PC024
S2349-1	22-10-02-01	PZ900	S2349-3	33-10-05-04	PC024
S2349-1	23-50-10-01	PZ900	S2349-3	74-10-01-03	PC024
S2349-1	24-20-01-03	PC026	S2349-3	77-20-01-01	JI017
S2349-1	24-30-01-03	PC026	S2349-3	77-20-01-02	JI017
S2349-1	24-40-01-01	PC025	S2349-3	77-40-01-01	PC031
S2349-1	24-40-01-01	PC026	S2349-3	77-40-01-01	PC024
S2349-1	24-40-01-02	PC025	S2349-3	79-30-01-01	JI015
S2349-1	24-40-01-02	PC026	S2349-5	24-20-01-01	JC001
S2349-1	24-61-03-01	PC025	S2349-5	24-20-01-02	JC001
S2349-1	24-62-11-01	PZ900	S2349-5	24-30-01-01	JC001
S2349-1	24-62-11-02	PI901	S2349-5	24-30-01-02	JC001
S2349-1	24-62-11-03	PI901	S2349-5	24-50-01-01	JC001
S2349-1	24-62-20-01	PI901	S2349-5	24-50-01-02	JC001
S2349-1	24-62-21-01	PI901	S2349-5	24-61-01-01	JC001
S2349-1	24-62-22-01	PI901	S2349-5	24-61-01-02	JC001
S2349-1	24-62-23-01	PI901	S2349-5	24-61-01-03	JC001
S2349-1	24-62-24-01	PI901	S2349-5	24-61-02-01	JC001
S2349-1	24-62-25-01	PI901	S2349-5	24-61-03-01	PC023
S2349-1	24-62-26-01	PI901	S2349-5	28-40-01-01	JC001
S2349-1	24-62-27-01	PI901	S2349-5	28-40-01-02	JC001
S2349-1	24-62-28-01	PI901	S2349-5	31-20-01-01	JC001
S2349-1	24-62-29-01	PI901	S2349-5	31-20-01-02	JC001
S2349-1	24-62-30-01	PI901	S2349-5	31-20-01-03	JC001
S2349-1	24-62-31-01	PI901	S2349-5	31-20-01-04	JC001
S2349-1	24-62-32-01	PI901	S2349-5	31-20-01-05	JC001
S2349-1	24-62-33-01	PI901	S2349-5	33-10-01-01	JC001
S2349-1	24-62-34-01	PI901	S2349-5	33-10-01-02	JC001
S2349-1	24-62-35-01	PI901	S2349-5	33-10-01-03	JC001
S2349-1	30-30-01-02	PC026	S2349-5	33-10-02-01	JC001
S2349-1	33-10-02-05	PC026	S2349-5	33-10-02-02	JC001
S2349-1	33-40-01-05	PC026	S2349-5	33-10-02-03	JC001
S2349-1	33-40-02-04	PC026	S2349-5	33-10-02-04	JC001
S2349-1	33-40-03-02	PC026	S2349-5	33-10-05-01	JC001
S2349-1	33-40-05-03	PC026	S2349-5	33-10-05-02	JC001
S2349-1	34-50-10-01	PZ900	S2349-5	33-10-05-05	JC001
S2349-1	34-50-10-02	PI901	S2349-5	33-10-06-01	JC001
S2349-1	34-50-10-03	PI901	S2349-5	33-40-01-01	JC001
S2349-1	34-50-11-01	PI901	S2349-5	33-40-01-02	JC001
S2349-1	34-50-11-02	PI901	S2349-5	33-40-01-03	JC001
S2349-1	34-50-12-01	PI901	S2349-5	33-40-01-04	JC001
S2349-1	34-50-20-01	PZ900	S2349-5	33-40-02-01	JC001
S2349-1	34-50-20-02	PI901	S2349-5	33-40-02-02	JC001
S2349-1	34-50-20-03	PI901	S2349-5	33-40-02-03	JC001
S2349-1	34-51-01-01	PI901	S2349-5	34-21-01-01	JC001
S2349-1	34-51-01-02	PI901	S2349-5	37-20-01-01	JC001
S2349-1	34-52-20-01	PZ900	S2349-5	37-20-01-02	JC001

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S2349-5	73-10-01-01	JC001	S2350-3	21-20-01-03	J1901
S2349-5	74-10-01-01	JC001	S2350-3	22-10-02-01	JZ900
S2349-5	74-10-01-02	JC001	S2350-3	22-10-02-02	J1901
S2349-5	77-20-01-01	JC001	S2350-3	22-10-02-03	J1901
S2349-5	77-20-01-02	JC001	S2350-3	22-10-30-01	J1901
S2349-5	79-30-01-01	JC001	S2350-3	22-10-31-01	J1901
S2350-10	22-10-46-01	JC023	S2350-3	22-10-32-01	J1901
S2350-10	23-20-01-01	JC023	S2350-3	22-10-33-01	J1901
S2350-10	23-21-01-01	JC023	S2350-3	22-10-40-01	J1901
S2350-10	23-50-22-01	JC023	S2350-3	22-10-41-01	J1901
S2350-10	23-50-24-01	JC023	S2350-3	22-10-42-01	J1901
S2350-10	23-50-25-01	JC023	S2350-3	22-10-43-01	J1901
S2350-10	24-20-01-01	PC001	S2350-3	22-10-44-01	J1901
S2350-10	24-20-01-02	PC001	S2350-3	22-10-45-01	J1901
S2350-10	24-30-01-01	PC001	S2350-3	23-50-10-01	JZ900
S2350-10	24-30-01-02	PC001	S2350-3	23-50-10-02	J1901
S2350-10	24-50-01-01	J1	S2350-3	23-50-10-03	J1901
S2350-10	24-50-01-01	PC001	S2350-3	23-50-10-04	J1901
S2350-10	24-50-01-02	J1	S2350-3	23-50-20-01	J1901
S2350-10	24-50-01-02	PC001	S2350-3	23-50-20-02	J1901
S2350-10	24-50-01-03	J1	S2350-3	23-50-20-03	J1901
S2350-10	24-50-01-04	J1	S2350-3	23-50-21-01	J1901
S2350-10	24-51-01-01	J1	S2350-3	23-50-21-02	J1901
S2350-10	24-61-01-01	PC001	S2350-3	23-50-21-03	J1901
S2350-10	24-61-01-02	PC001	S2350-3	24-20-01-03	JC026
S2350-10	24-61-01-03	PC001	S2350-3	24-30-01-03	JC026
S2350-10	24-61-02-01	PC001	S2350-3	24-40-01-01	JC025
S2350-10	24-61-03-01	JC023	S2350-3	24-40-01-01	JC026
S2350-10	25-60-01-05	JC023	S2350-3	24-40-01-02	JC025
S2350-10	28-40-01-01	PC001	S2350-3	24-40-01-02	JC026
S2350-10	28-40-01-02	PC001	S2350-3	24-50-01-03	JC024
S2350-10	31-20-01-01	PC001	S2350-3	24-50-01-04	JC024
S2350-10	31-20-01-02	PC001	S2350-3	24-61-03-01	JC024
S2350-10	31-20-01-03	PC001	S2350-3	24-61-03-01	JC025
S2350-10	31-20-01-04	PC001	S2350-3	24-62-11-01	JZ900
S2350-10	31-20-01-05	PC001	S2350-3	24-62-20-01	J1901
S2350-10	31-50-02-01	JC023	S2350-3	24-62-21-01	J1901
S2350-10	33-10-01-01	PC001	S2350-3	27-50-01-03	JC024
S2350-10	33-10-01-02	PC001	S2350-3	30-30-01-02	JC026
S2350-10	33-10-01-03	PC001	S2350-3	33-10-01-04	JC024
S2350-10	33-10-02-01	PC001	S2350-3	33-10-02-05	JC026
S2350-10	33-10-02-02	PC001	S2350-3	33-10-05-03	JC024
S2350-10	33-10-02-03	PC001	S2350-3	33-10-05-04	JC024
S2350-10	33-10-02-04	PC001	S2350-3	33-40-01-05	JC026
S2350-10	33-10-05-01	PC001	S2350-3	33-40-02-04	JC026
S2350-10	33-10-05-02	PC001	S2350-3	33-40-03-02	JC026
S2350-10	33-10-05-05	PC001	S2350-3	33-40-05-03	JC026
S2350-10	33-10-06-01	PC001	S2350-3	34-20-01-01	J1901
S2350-10	33-40-01-01	PC001	S2350-3	34-20-01-02	J1901
S2350-10	33-40-01-02	PC001	S2350-3	34-20-02-01	J1901
S2350-10	33-40-01-03	PC001	S2350-3	34-20-02-02	J1901
S2350-10	33-40-01-04	PC001	S2350-3	34-20-04-01	J1901
S2350-10	33-40-02-01	PC001	S2350-3	34-40-01-01	J1901
S2350-10	33-40-02-02	J1	S2350-3	34-50-10-01	JZ900
S2350-10	33-40-02-02	PC001	S2350-3	34-50-10-02	J1901
S2350-10	33-40-02-03	J1	S2350-3	34-50-10-03	J1901
S2350-10	33-40-02-04	J1	S2350-3	34-50-11-01	J1901
S2350-10	34-10-01-01	JC023	S2350-3	34-50-11-02	J1901
S2350-10	34-20-05-01	JC023	S2350-3	34-50-12-01	J1901
S2350-10	34-21-01-01	PC001	S2350-3	34-50-12-02	J1901
S2350-10	34-50-17-01	JC023	S2350-3	34-50-12-03	J1901
S2350-10	34-51-02-01	JC023	S2350-3	34-50-13-01	J1901
S2350-10	34-53-02-01	JC023	S2350-3	34-50-20-01	JZ900
S2350-10	37-20-01-01	PC001	S2350-3	34-50-20-02	J1901
S2350-10	37-20-01-02	PC001	S2350-3	34-50-20-03	J1901
S2350-10	73-10-01-01	PC001	S2350-3	34-51-01-01	J1901
S2350-10	74-10-01-01	PC001	S2350-3	34-51-01-02	J1901
S2350-10	74-10-01-02	PC001	S2350-3	34-52-20-01	JZ900
S2350-10	77-20-01-01	PC001	S2350-3	34-52-20-02	J1901
S2350-10	77-20-01-02	PC001	S2350-3	34-52-21-01	J1901
S2350-10	79-30-01-01	PC001	S2350-3	34-52-22-01	J1901
S2350-3	21-20-01-01	JZ900	S2350-3	34-52-23-01	J1901
S2350-3	21-20-01-02	J1901	S2350-3	34-52-23-02	J1901
			S2350-3	34-52-24-01	J1901

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PART NUMBER	CH-SE-SU-FIG	REF DES	PART NUMBER	CH-SE-SU-FIG	REF DES
S2350-3	34-52-25-01	JI901	S2800-274	24-20-01-01	PB018
S2350-3	34-52-26-01	JI901	S2800-274	24-20-01-02	PB018
S2350-3	34-52-27-01	JI901	S2800-274	24-20-01-03	PB018
S2350-3	34-53-01-01	JI901	S2800-274	24-30-01-01	PB018
S2350-3	34-53-01-02	JI901	S2800-274	24-30-01-02	PB018
S2350-3	34-53-01-03	JI901	S2800-274	24-30-01-03	PB018
S2350-3	73-10-01-02	JC026	S2800-274	31-20-01-01	PB018
S2350-3	74-10-01-03	JC024	S2800-274	31-20-01-02	PB018
S2350-3	77-40-01-01	JC024	S2800-274	31-20-01-03	PB018
S2350-3	77-40-01-01	JC026	S2800-274	31-20-01-04	PB018
S2350-4	23-50-22-01	JC031	S2800-274	31-20-01-05	PB018
S2350-4	23-50-22-01	JC031	S2800-274	74-10-01-01	PB018
S2350-4	23-50-24-01	JC031	S2800-274	74-10-01-02	PB018
S2350-4	23-50-24-01	JC031	S2800-274	74-10-01-03	PB018
S2350-4	33-10-01-04	JC031	S2800-274	77-40-01-01	PB018
S2350-4	33-10-02-05	JC031	S2800-275	24-20-01-01	PB017
S2350-4	34-10-01-01	JC031	S2800-275	24-30-01-01	PB017
S2350-4	77-40-01-01	JC031	S2800-276	31-20-01-01	JN005
S2350-5	24-40-01-02	JC037	S2800-276	31-20-01-02	JN005
S2350-5	24-50-01-04	JC037	S2800-276	31-20-01-03	JN005
S2351-5	24-30-01-03	JC032	S2800-276	31-20-01-04	JN005
S2473-1	34-50-10-01	UI1003	S2800-276	31-20-01-05	JN005
S2473-1	34-50-11-01	UI1003	S2800-276	77-40-01-01	JN005
S2473-1	34-50-11-02	UI1003	S2800-277	77-20-01-01	JN001
S2473-1	34-50-12-01	UI1003	S2800-277	77-20-01-02	JN001
S2473-1	34-50-12-02	UI1003	S2800-277	77-40-01-01	JN004
S2473-1	34-50-12-03	UI1003	S2800-277	79-30-01-01	JN004
S2473-1	34-50-13-01	UI1003	S2800-340	77-40-01-01	JN009
S2473-1	34-50-20-01	UI1003	S2800-679	24-40-01-01	FI011
S2473-1	34-50-20-02	UI1003	S2800-679	24-40-01-02	FI011
S2473-1	34-50-20-03	UI1003	S2870-1	27-10-01-01	S1
S2521-1	27-10-01-01	L1	S2870-1	27-10-01-02	S1
S2521-1	27-10-01-02	L1	S2870-4	27-10-01-02	S2
S2521-1	33-10-02-01	L1	S2899L10.0	24-61-03-01	HI027
S2521-1	33-10-02-02	L1	S2899L10.0	24-61-03-01	HI028
S2521-1	33-10-02-03	L1	S2899L10.0	24-61-03-01	HI037
S2521-1	33-10-02-04	L1	S2899L10.0	24-61-03-01	HI041
S2521-1	33-10-02-05	L1	S2899L10.0	24-61-03-01	HI054
S2526-1	21-20-01-01	PF901	S2899L15.0	24-61-03-01	HI038
S2526-1	22-10-02-01	PF901	S2899L15.0	24-61-03-01	HI040
S2526-1	23-50-10-01	PF900	S2899L15.0	24-61-03-01	HI058
S2526-1	25-60-01-01	PF901	S2899L15.0	24-61-03-01	HI059
S2526-1	34-50-10-01	PF900	S2899L20.0	24-61-03-01	HI034
S2526-1	34-50-20-01	PF900	S2899L5.0	24-50-01-03	HI056
S2526-1	34-52-20-01	PF901	S2899L5.0	24-50-01-04	HI056
S2527-1	24-30-01-01	GI001	S2899L5.0	24-61-03-01	HI025
S2527-1	24-30-01-02	GI001	S2899L5.0	24-61-03-01	HI026
S2527-1	27-50-01-01	GI001	S2899L5.0	24-61-03-01	HI029
S2527-1	27-50-01-02	GI001	S2899L5.0	24-61-03-01	HI031
S2527-1	28-40-01-01	GI001	S2899L5.0	24-61-03-01	HI032
S2527-1	31-20-01-01	GI001	S2899L5.0	24-61-03-01	HI035
S2527-1	31-20-01-02	GI001	S2899L5.0	24-61-03-01	HI036
S2527-1	31-50-01-01	GI001	S2899L5.0	24-61-03-01	HI039
S2527-1	31-50-01-02	GI001	S2899L5.0	24-61-03-01	HI042
S2527-1	31-50-01-03	GI001	S2899L5.0	24-61-03-01	HI048
S2527-1	33-10-01-01	GI001	S2899L5.0	24-61-03-01	HI049
S2527-1	33-10-02-01	GI001	S2899L5.0	24-61-03-01	HI050
S2527-1	33-10-05-01	GI001	S2899L5.0	24-61-03-01	HI051
S2527-1	33-40-05-01	GI001	S2899L5.0	24-61-03-01	HI052
S2527-1	33-40-05-03	GI001	S2899L5.0	24-61-03-01	HI053
S2527-1	37-20-01-01	GI001	S2899L5.0	24-61-03-01	HI055
S2527-1	74-10-01-01	GI001	S2899L5.0	24-61-03-01	HI056
S2527-1	77-20-01-01	GI001	S2899L5.0	24-61-03-01	HI057
S2527-1	77-20-01-02	GI001	S2899L5.0	74-10-01-03	HI057
S2527-1	79-30-01-01	GI001	S3070-9	22-10-02-01	PI900
S2619-1	27-10-01-01	R1	S3070-9	22-10-02-02	PI900
S2619-1	27-10-01-02	R1	S3070-9	22-10-02-03	PI900
S2619-1	33-10-02-01	R1	S3070-9	22-10-30-01	PI900
S2619-1	33-10-02-02	R1	S3070-9	22-10-31-01	PI900
S2619-1	33-10-02-03	R1	S3070-9	22-10-32-01	PI900
S2619-1	33-10-02-04	R1	S3070-9	22-10-33-01	PI900
S2619-1	33-10-02-05	R1	S3070-9	22-10-40-01	PI900
S2619-1	33-10-05-02	RC001	S3070-9	22-10-41-01	PI900
S2619-1	33-10-05-03	RC001	S3070-9	22-10-42-01	PI900

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S3070-9	22-10-43-01	PI900	S3100-158	34-52-23-02	UI604
S3070-9	22-10-44-01	PI900	S3100-158	34-52-24-01	UI604
S3070-9	22-10-45-01	PI900	S3100-158	34-52-27-01	UI604
S3070-9	22-10-46-01	PI900	S3100-160	22-10-02-02	UI507
S3070-9	23-50-10-01	PI900	S3100-160	22-10-02-03	UI507
S3070-9	23-50-10-02	PI900	S3100-160	22-10-30-01	UI507
S3070-9	23-50-10-03	PI900	S3100-160	22-10-31-01	UI507
S3070-9	23-50-10-04	PI900	S3100-160	22-10-32-01	UI507
S3070-9	23-50-20-01	PI900	S3100-160	22-10-33-01	UI507
S3070-9	23-50-20-02	PI900	S3100-160	22-10-40-01	UI507
S3070-9	23-50-20-03	PI900	S3100-160	22-10-41-01	UI507
S3070-9	23-50-21-01	PI900	S3100-160	23-50-10-02	UI507
S3070-9	23-50-21-02	PI900	S3100-160	23-50-20-01	UI507
S3070-9	23-50-21-03	PI900	S3100-160	23-50-20-02	UI507
S3070-9	23-50-22-01	PI900	S3100-160	23-50-21-01	UI507
S3070-9	23-50-24-01	PI900	S3100-160	34-50-10-02	UI507
S3070-9	34-20-01-01	PI900	S3100-160	34-50-11-01	UI507
S3070-9	34-20-01-02	PI900	S3100-160	34-50-12-01	UI507
S3070-9	34-20-05-01	PI900	S3100-160	34-50-13-01	UI507
S3070-9	34-50-10-01	PI900	S3100-160	34-50-20-02	UI507
S3070-9	34-50-10-02	PI900	S3100-160	34-51-01-01	UI507
S3070-9	34-50-10-03	PI900	S3100-160	34-52-21-01	UI507
S3070-9	34-50-11-01	PI900	S3100-160	34-52-22-01	UI507
S3070-9	34-50-11-02	PI900	S3100-160	34-52-23-01	UI507
S3070-9	34-50-12-01	PI900	S3100-178	34-50-11-01	UI510
S3070-9	34-50-12-02	PI900	S3100-178	34-50-11-02	UI510
S3070-9	34-50-12-03	PI900	S3100-178	34-50-12-01	UI510
S3070-9	34-50-13-01	PI900	S3100-178	34-50-12-02	UI510
S3070-9	34-50-20-01	PI900	S3100-178	34-50-12-03	UI510
S3070-9	34-50-20-02	PI900	S3100-178	34-50-13-01	UI510
S3070-9	34-50-20-03	PI900	S3100-179	34-50-10-02	UI511
S3070-9	34-51-01-01	PI900	S3100-179	34-50-10-03	UI511
S3070-9	34-51-01-02	PI900	S3100-179	34-50-11-01	UI511
S3070-9	34-51-02-01	PI900	S3100-179	34-50-11-02	UI511
S3070-9	34-52-20-01	PI900	S3100-179	34-50-12-01	UI511
S3070-9	34-52-20-02	PI900	S3100-179	34-50-12-02	UI511
S3070-9	34-52-21-01	PI900	S3100-179	34-50-12-03	UI511
S3070-9	34-52-22-01	PI900	S3100-179	34-50-13-01	UI511
S3070-9	34-52-23-01	PI900	S3100-179	34-50-20-02	UI512
S3070-9	34-52-23-02	PI900	S3100-179	34-50-20-03	UI512
S3070-9	34-52-24-01	PI900	S3100-179	34-52-23-01	UI511
S3070-9	34-52-25-01	PI900	S3100-179	34-52-23-02	UI512
S3070-9	34-52-26-01	PI900	S3100-179	34-52-23-02	UI512
S3070-9	34-52-27-01	PI900	S3100-179	34-52-24-01	UI511
S3070-9	34-53-01-01	PI900	S3100-179	34-52-24-01	UI512
S3070-9	34-53-01-02	PI900	S3100-179	34-52-25-01	UI511
S3070-9	34-53-01-03	PI900	S3100-179	34-52-25-01	UI512
S3100-155	34-50-11-01	UI510	S3100-179	34-52-26-01	UI511
S3100-155	34-50-12-01	UI510	S3100-179	34-52-26-01	UI512
S3100-155	34-50-13-01	UI510	S3100-179	34-52-27-01	UI511
S3100-156	34-50-10-02	UI511	S3100-179	34-52-27-01	UI512
S3100-156	34-50-11-01	UI511	S3100-180	22-10-40-01	UT300
S3100-156	34-50-11-02	UI511	S3100-180	22-10-40-01	UT301
S3100-156	34-50-12-01	UI511	S3100-180	22-10-41-01	UT300
S3100-156	34-50-13-01	UI511	S3100-180	22-10-41-01	UT301
S3100-156	34-50-20-02	UI512	S3100-180	22-10-42-01	UT300
S3100-156	34-52-23-01	UI511	S3100-180	22-10-42-01	UT301
S3100-156	34-52-23-01	UI512	S3100-180	22-10-43-01	UT300
S3100-157	34-50-10-02	UI601	S3100-253	22-10-42-01	UT300
S3100-157	34-50-10-03	UI601	S3100-253	22-10-42-01	UT301
S3100-157	34-50-11-01	UI605	S3100-253	22-10-43-01	UT300
S3100-157	34-50-20-01	UI503	S3100-253	22-10-43-01	UT301
S3100-157	34-50-20-01	UI601	S3100-253	22-10-44-01	UT300
S3100-157	34-50-20-02	UI601	S3100-253	22-10-44-01	UT301
S3100-157	34-50-20-03	UI601	S3100-253	22-10-45-01	UT300
S3100-158	22-10-30-01	UI604	S3100-253	22-10-45-01	UT301
S3100-158	22-10-32-01	UI604	S3106-4	23-50-10-01	DI100
S3100-158	22-10-41-01	UI604	S3106-4	23-50-10-01	DI101
S3100-158	22-10-43-01	UI604	S3271-1-1	24-61-01-01	SI001
S3100-158	22-10-44-01	UI604	S3271-1-1	24-61-01-02	SI001
S3100-158	34-50-11-02	UI604	S3272-1-1	24-30-01-01	SI009
S3100-158	34-50-12-01	UI604	S3272-1-1	24-30-01-02	SI009
S3100-158	34-52-21-01	UI604	S3272-1-1	24-30-01-03	SI009
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S3272-1-1	24-61-01-03	SI009	S3556-11	34-10-01-01	JF300
S3272-1-1	24-61-02-01	SI009	S3556-12	25-60-01-04	JZ906
S3277-2	33-10-01-01	EI014	S3556-12	25-60-01-05	JZ906
S3277-2	33-10-01-02	EI014	S3556-13	23-21-01-01	JC523
S3277-2	33-10-04-01	EI014	S3556-4	23-50-10-04	PC522
S3277-2	77-20-01-01	EI014	S3556-4	23-50-21-03	PC522
S3277-2	77-20-01-02	EI014	S3556-4	23-50-24-01	PC522
S3277-4	33-10-01-01	EI024	S3556-4	34-10-01-01	PF300
S3277-4	33-10-01-02	EI024	S3556-5	25-60-01-04	PZ906
S3277-4	33-10-04-02	EI024	S3556-5	25-60-01-05	PZ906
S3277-4	77-20-01-02	EI024	S3556-6	23-20-01-01	PC523
S3277-6	33-10-01-02	EI014	S3556-6	23-21-01-01	PC523
S3277-6	33-10-01-03	EI014	S3594-1	28-40-01-01	UR002
S3277-6	33-10-04-02	EI014	S3594-1	28-40-01-02	UR002
S3277-8	33-10-01-02	EI024	S3594-1	77-40-01-01	UR002
S3277-8	33-10-01-03	EI024	S3827-1	33-10-03-01	EI010
S3277-8	77-20-01-02	EI024	S3827-1	33-10-03-02	EI010
S3279-1	33-10-04-01	EI001	S3827-1	33-10-09-01	EI010
S3279-1	33-10-04-02	EI001	SK2701	21-20-01-02	PF903
S3279-1	79-30-01-01	EI001	SK2701	21-20-01-03	PF903
S3280-1	24-30-01-01	EI012	SK2701	22-10-02-02	PF902
S3280-1	24-30-01-02	EI012	SK2701	22-10-02-03	PF902
S3280-1	33-10-04-01	EI012	SK2701	22-10-30-01	PF902
S3280-1	33-10-04-02	EI012	SK2701	22-10-30-01	PF903
S3281-2	28-40-01-01	EI011	SK2701	22-10-31-01	PF902
S3281-2	28-40-01-02	EI011	SK2701	22-10-31-01	PF903
S3281-2	33-10-04-01	EI011	SK2701	22-10-32-01	PF902
S3281-2	33-10-04-02	EI011	SK2701	22-10-32-01	PF903
S3284-1	23-50-10-04	PF1001	SK2701	22-10-33-01	PF902
S3284-1	23-50-20-03	PF1001	SK2701	22-10-33-01	PF903
S3284-1	23-50-21-03	PF1001	SK2701	22-10-40-01	PF902
S3284-1	23-50-25-01	PT1011	SK2701	22-10-40-01	PF903
S3284-1	23-50-25-01	PT1012	SK2701	22-10-41-01	PF902
S3284-1	23-50-25-01	PT1013	SK2701	22-10-41-01	PF903
S3284-1	23-50-25-01	PT1014	SK2701	22-10-42-01	PF903
S3284-1	23-50-25-01	PT1015	SK2701	22-10-43-01	PF903
S3284-1	23-50-25-01	PT1016	SK2701	22-10-44-01	PF903
S3284-1	23-50-25-01	PT1017	SK2701	22-10-45-01	PF903
S3284-1	23-50-25-01	PT1018	SK2701	22-10-46-01	PF902
S3284-1	23-50-25-01	PT1019	SK2701	22-10-46-01	PF903
S3284-1	23-50-25-01	PT1020	SK2701	22-10-46-01	PT903
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S3284-1	34-53-02-01	PT1010	SK2701	23-50-10-02	PF902
S3291-1	33-10-03-01	EI004	SK2701	23-50-10-02	PF903
S3325-1	33-10-03-01	EI008	SK2701	23-50-10-03	PF902
S3325-1	33-10-03-02	EI008	SK2701	23-50-10-03	PF903
S3325-6	33-10-03-01	EI025	SK2701	23-50-10-04	PF902
S3325-6	33-10-03-02	EI025	SK2701	23-50-10-04	PF903
S3326-1	33-10-03-01	EI009	SK2701	23-50-20-01	PF902
S3326-1	33-10-03-02	EI009	SK2701	23-50-20-01	PF903
S3327-1	33-10-03-01	EI006	SK2701	23-50-20-02	PF902
S3328-1	33-10-03-01	EI010	SK2701	23-50-20-02	PF903
S3328-1	33-10-09-01	EI010	SK2701	23-50-20-03	PF902
S3329-1	33-10-03-01	EI005	SK2701	23-50-20-03	PF903
S3329-5	33-10-03-01	EI005	SK2701	23-50-21-01	PF902
S3329-5	33-10-03-01	EI026	SK2701	23-50-21-01	PF903
S3330-1	22-10-30-01	UI302	SK2701	23-50-21-02	PF902
S3330-1	22-10-32-01	UI302	SK2701	23-50-21-02	PF903
S3330-1	22-10-41-01	UI302	SK2701	23-50-21-03	PF902
S3330-1	22-10-43-01	UI302	SK2701	23-50-21-03	PF903
S3330-1	22-10-44-01	UI302	SK2701	23-50-22-01	PF902
S3330-1	33-10-03-01	EI007	SK2701	23-50-22-01	PT903
S3330-1	34-20-02-01	UT302	SK2701	23-50-22-01	PF903
S3330-1	34-20-02-02	UT302	SK2701	23-50-24-01	PF902
S3331-2	28-40-01-01	UL002	SK2701	23-50-24-01	PT903
S3331-2	28-40-01-01	UR002	SK2701	23-50-24-01	PF903
S3331-2	28-40-01-02	UL002	SK2701	23-50-25-01	PT902
S3331-2	77-40-01-01	UL002	SK2701	25-60-01-02	PF902
S3371-1	33-10-09-01	EI023	SK2701	25-60-01-03	PF902
S3443-1-1	24-40-01-01	SI010	SK2701	25-60-01-04	PF902

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SK2701	31-50-02-01	PF902	UG88C/U	34-50-10-03	PV1002
SK2701	33-10-02-02	PF902	UG88C/U	34-50-11-01	PI1003
SK2701	33-10-02-03	PF902	UG88C/U	34-50-11-01	PI1005
SK2701	33-10-02-04	PF902	UG88C/U	34-50-11-01	PV1002
SK2701	33-10-02-05	PF902	UG88C/U	34-50-11-02	PI1003
SK2701	34-10-01-01	PT902	UG88C/U	34-50-11-02	PI1005
SK2701	34-10-01-01	PT903	UG88C/U	34-50-11-02	PV1002
SK2701	34-20-01-01	PF903	UG88C/U	34-50-12-01	PI1003
SK2701	34-20-01-02	PF903	UG88C/U	34-50-12-01	PI1005
SK2701	34-20-02-01	PF902	UG88C/U	34-50-12-01	PV1002
SK2701	34-20-02-01	PF903	UG88C/U	34-50-12-02	PI1003
SK2701	34-20-02-02	PF903	UG88C/U	34-50-12-02	PI1005
SK2701	34-20-05-01	PT903	UG88C/U	34-50-12-02	PV1002
SK2701	34-20-05-01	PF902	UG88C/U	34-50-12-03	PI1003
SK2701	34-20-05-01	PF903	UG88C/U	34-50-12-03	PI1005
SK2701	34-50-10-02	PF902	UG88C/U	34-50-12-03	PV1002
SK2701	34-50-10-03	PF902	UG88C/U	34-50-13-01	PI1003
SK2701	34-50-11-01	PF902	UG88C/U	34-50-13-01	PI1005
SK2701	34-50-11-02	PF902	UG88C/U	34-50-13-01	PV1002
SK2701	34-50-12-01	PF902	UG88C/U	34-50-17-01	PF1011
SK2701	34-50-12-02	PF902	UG88C/U	34-50-20-01	PC1002
SK2701	34-50-12-03	PF902	UG88C/U	34-50-20-01	PI1010
SK2701	34-50-13-01	PF902	UG88C/U	34-50-20-02	PI1010
SK2701	34-50-17-01	PT902	UG88C/U	34-50-20-03	PI1010
SK2701	34-50-20-02	PF902	UG913A/U	23-50-22-01	PF1001
SK2701	34-50-20-03	PF902	UG913A/U	23-50-24-01	PF1001
SK2701	34-51-01-01	PF902	UG913A/U	23-50-25-01	PC1007
SK2701	34-51-01-02	PF902	UG913A/U	23-50-25-01	PF1002
SK2701	34-51-02-01	PF903	UG913A/U	34-50-10-02	PF1002
SK2701	34-52-20-02	PF903	UG913A/U	34-50-10-03	PF1002
SK2701	34-52-21-01	PF903	UG913A/U	34-50-11-01	PF1002
SK2701	34-52-22-01	PF903	UG913A/U	34-50-11-02	PF1002
SK2701	34-52-23-01	PF903	UG913A/U	34-50-12-01	PF1002
SK2701	34-52-23-01	PF903	UG913A/U	34-50-12-02	PF1002
SK2701	34-52-23-02	PF903	UG913A/U	34-50-12-03	PF1002
SK2701	34-52-24-01	PF903	UG913A/U	34-50-13-01	PF1002
SK2701	34-52-25-01	PF903	UG913A/U	34-50-20-02	PC1007
SK2701	34-52-26-01	PF903	UG913A/U	34-50-20-03	PC1007
SK2701	34-52-27-01	PF903	UG913A/U	34-53-01-01	PC1006
SK2701	34-53-01-01	PF903	UG913A/U	34-53-01-02	PC1005
SK2701	34-53-01-02	PF903	UG913A/U	34-53-01-03	PC1006
SK2701	34-53-01-03	PF903	UG913A/U	34-53-02-01	PC1006
SK2701	34-53-02-01	PT902			
SK2701	34-53-02-01	PT903			
SSD120-20	34-52-20-01	UC800			
SSD120-20	34-52-20-02	UC800			
SSD120-20	34-52-21-01	UC800			
SSD120-20	34-52-22-01	UC800			
SSD120-20	34-53-01-02	UC800			
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SSD120-30A	34-52-21-01	UC800			
SSD120-30A	34-52-22-01	UC800			
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SSD120-30A	34-52-23-02	UC800			
SSD120-30A	34-52-24-01	UC800			
SSD120-30A	34-52-25-01	UC800			
SSD120-30A	34-52-26-01	UC800			
SSD120-30A	34-52-27-01	UC800			
SSD120-30A	34-53-01-01	UC800			
SSD120-30A	34-53-01-02	UC800			
SSD120-30A	34-53-01-03	UC800			
UG88C/U	23-50-10-02	PF1001			
UG88C/U	23-50-10-03	PF1001			
UG88C/U	23-50-20-01	PF1001			
UG88C/U	23-50-20-02	PF1001			
UG88C/U	23-50-20-03	PF1001			
UG88C/U	23-50-21-01	PF1001			
UG88C/U	23-50-21-02	PF1001			
UG88C/U	23-50-25-01	PV1002			
UG88C/U	34-50-01-01	PV1001			
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CHAPTER

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**STANDARD
PRACTICES -
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ELECTRICAL SAFETY PRECAUTIONS - DESCRIPTION AND OPERATION

1. General

- A. This section contains general information on physical and chemical processes which require the use of chemicals, solvents or other commercially available materials.
- B. The user of this publication should obtain the material safety data sheets (Occupational Safety and Health Act (OSHA) Form 20 or equivalent) from the manufacturers or suppliers of materials to be used. The user must become completely familiar with the manufacturer/supplier information and adhere to the procedures, recommendations, warnings, and cautions of the manufacturer/supplier for the safe use, handling, storage and disposal of these materials. Users of this manual are also advised to refer to pertinent safety information contained in the "NIOSH Occupational Guideline for Chemical Hazards" published by the United States Department of Labor.
- C. **WARNINGS** are provided to alert operating and maintenance personnel to potential hazards that could result in personal injury; they do not replace the manufacturers' recommendations.
- D. **CAUTIONS** are provided to alert operating and maintenance personnel to conditions that could result in equipment damage.

2. General Safety Warnings

WARNING: BEFORE USING ANY OF THE FOLLOWING MATERIALS, BE AWARE OF ALL HANDLING, STORAGE AND DISPOSAL PRECAUTIONS RECOMMENDED BY THE MANUFACTURER OR SUPPLIER. FAILURE TO COMPLY WITH MANUFACTURER'S OR SUPPLIER'S RECOMMENDATIONS MAY RESULT IN SERIOUS INJURY, PHYSICAL DISORDER OR DEATH.

- A. Xylene is toxic and flammable. Do not breathe vapors. Use in a well ventilated area free from sparks, flame or hot surfaces. Wear splash goggles, solvent resistant gloves and other protective gear. In case of eye contact, flush with water and seek medical attention. In case of skin contact, wash with soap and water.
- B. Isopropyl alcohol is toxic. Do not breathe vapors. Use in well ventilated area free from sparks, flame or hot surfaces. Wear splash goggles, solvent resistant gloves and other protective gear. In case of eye contact, flush with water and seek medical attention. In case of skin contact, wash with soap and water.
- C. 1,1,1 trichloroethane is toxic. Do not breathe vapors. Use in well ventilated area free from sparks, flame or hot surfaces. Wear splash goggles, solvent resistant gloves and other protective gear. In case of eye contact, flush with water and seek medical attention. In case of skin contact, wash with soap and water.
- D. Acid chromate deoxidizing solution is corrosive to human tissue. Do not breathe vapors. Use in well ventilated area. Wear chemical resistant clothing, gloves, splash goggles and face shield. In case of eye or skin contact, flush with water and seek medical attention.
- E. Chromate chemical conversion coating and nitric acid are both corrosive to human tissue. Do not breathe vapors. Use in well ventilated area. Wear chemical resistant clothing, gloves, splash goggles and face shield. In case of eye or skin contact, flush with water and seek medical attention.
- F. Alcohol base rosin solder flux is flammable. Use in well ventilated area free from sparks, flame or hot surfaces.
- G. When using compressed air for cleaning or drying, regulate pressure to 29 pounds per square inch or less. Wear goggles or face shield to protect eyes.

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3. General Cautions

- A. Solder type relay terminals to which no leads are connected should be protected with shrinkable tubing to prevent the possibility of shorting or grounding resulting in erratic operation or damage.
- B. Reduce all power supplies to zero before connecting or disconnecting electrical devices.
- C. Tag and identify wires as they are removed from connector or any other electrical device to facilitate reinstallation.

4. Printed Circuit Board Repair Cautions

- A. Repair of printed circuit board assemblies by other than experienced technicians is not recommended. Unless a malfunction can be localized to a particular component, an entire board should be replaced to correct a fault.
- B. Semiconductor devices are heat sensitive. Use a suitable heat dissipater between solder connection and body of component when soldering or removing solder connections.
 - (1) All solder and solder removal tools should be low wattage (40 watt) and low temperature (750° maximum). Do not overheat the circuit board lands.
 - (2) To avoid heat damage, remove solder joint within three seconds and solder a joint within two seconds.
 - (3) Excessive pressure from a solder or solder removal tool can delaminate the circuit pads or runs. Use a light touch when using these devices.
 - (4) Avoid placing the hot soldering iron near components or printed circuitry when iron is not in use.
- C. Use only rosin cored solder material conforming to Federal Specifications QQ-S-571, Composition Sn60. Use rosin solder flux with an alcohol base. In no case is acid core solder or acid base flux to be used to install electrical components.
- D. Do not use ultrasonic equipment, Methyl n-Propyl Ketone or chlorinated hydrocarbon solutions to clean printed circuit board assemblies.
- E. Steel wool, steel wire brushes and abrasives containing iron or iron oxide shall not be used for mechanical cleaning.
- F. Use care when handling printed circuit board assemblies to avoid flexing and cracking boards and to avoid wire breakage at soldered connections.
- G. Special Handling of Static Sensitive Devices.
 - (1) Integrated circuits and some other components used on printed circuit boards can be damaged by static electricity.
 - (2) Use precautionary procedures when touching, removing or inserting components and assemblies identified as being electrostatic discharge sensitive.
 - (3) Static sensitive devices are sent from the manufacturer with conducting material shorting the leads. Maintain the short on the device leads and case while storing or moving components.
 - (4) Keep static sensitive devices in their containers in the same configuration as they were originally shipped whenever possible. Place the containers on a grounded metal plate at any station where operations are to be performed. Do not remove container cover unless in a static free area.
 - (5) Repair personnel shall ground themselves before handling any static sensitive device.
 - (6) Personnel shall wear a conductive wrist strap connected to a ground having a resistance of 0.25 to 2 megohms.
 - (7) Handle devices only when necessary, and then by first grasping the ceramic body or the metal can before touching any of the individual leads with tweezers or other tools. Do not handle by leads or terminals. Ceramic packages with brazed leads require extra careful handling to avoid breaking off the leads since bending and twisting can fracture the braze.
 - (8) Perform all assembly operations involving static sensitive devices on a grounded conductive surface having a resistance of 100K ohms to 2 megohms/per square.
 - (9) Electrically ground all metal cabinets and conductive containers used for storing static sensitive devices.

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- (10) Personnel shall wear smocks made of cotton or antistatic nylon. Do not use smocks made from ordinary nylon or other synthetic materials. Antistatic garments shall be plainly marked.
- (11) All electrical assembly equipment (soldering irons and tips, insulation strippers, heat guns, etc.) must be grounded. All solder and solder removal tools and equipment must also be grounded. Ionized air blowers can be used to reduce charge buildup in areas where grounding is not possible or desirable.

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WIRING - MAINTENANCE PRACTICES

1. General

- A. The airplane wiring consists of electrical (power) and electronic (avionics) wiring.
- B. Whenever an electrical circuit has been disconnected for maintenance or inspection purposes, the circuit shall be tested for integrity by performing an operational test or continuity check of all circuits involved.

2. Wire Types

- A. Refer to Figure 201 for examples of each category.

3. Wire Specification

- A. Wire specifications are identified by a combination of letters and numbers that define the wire, number of cables, shield style and material and jacket material. This specification may or may not be embossed on the wire jacket.
- B. Replace wires with the type specified, if defined in the applicable wiring diagram.
- C. When the wire specification is not defined in the applicable wiring diagram, the following procedure should be used to determine wire specification when ordering for replacement purposes.
 - (1) First determine the wire type by referring to Figure 201.
 - (2) Determine wire gage by referring to the wire identification number on the applicable wiring diagram.

EXAMPLE: HJF162-96PF15(20) - wire gage is 20.

- (3) Determine the number of conductors by referring to the applicable wiring diagram
- (4) For unshielded single conductor wires use the following procedure.

NOTE: Always use the following information to determine wire specification even if the wire being replaced has a different wire specification than that shown. Due to specification changes and superseding wire specification numbers, the wire specification of the wire being replaced may not be in use any longer.

- (a) Refer to Table 201 to determine base part number and refer to Table 202 for color codes. Part number is (BASE PART NUMBER) - (GAGE) - (COLOR)

Table 201. Single Conductor, Unshielded Wires

SPECIFICATION	USE	EFFECTIVITY
MIL-W-22759/16	Non-shielded single conductor wire: 22 thru 4 gage.	17280001 - 17280938 172S8001 - 172S8755
MIL-W-22759/16	8 thru 4 gage	17280939 & On 172S8756 & On
MIL-W-81044/12	Non-shielded single conductor wire used aft of firewall only: 22 thru 12 gage	17280939 & On 172S8756 & On
MIL-W-81044/9	Non-shielded single conductor wire used forward of firewall: 20 thru 10 gage.	17280939 & On 172S8756 & On
M27500-**TG*T14	Shielded wire: **Gage (22 thru 14) *Number of conductors	17280001 & On 172S8001 & On

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Table 202. Color Codes for Single Conductor, Unshielded Wires

0=BLACK	1=BROWN	2=RED	3=ORANGE	4=YELLOW
5=GREEN	6=BLUE	7=VIOLET	8=GRAY	9=WHITE

EXAMPLE: HJF162-96PF15(22), single conductor wire not requiring high temperature wire has a wire specification of M81044/12-22-9.

EXAMPLE: 3S183-SP227(20), single conductor high temperature wire has a wire specification of M22759/3-20-9.

EXAMPLE: GND17-ESG1(00), single conductor starter generator has a wire specification of M22759/41-00-9.

- (5) For twisted unshielded wire uses part number M27500 - (GAGE) ML * U00. Substitute * with the number of conductors.

EXAMPLE: Pair of wires, EJF28-MPF143(20) WHITE and FJF28-KPF143(20) BLACK (shown as pair on diagram) has a wire specification of M27500-20ML2U00.

- (6) For Shielded single and multiconductor wire use Part number M27500 - (GAGE) ML * T08. Substitute * with the number of conductors.

EXAMPLE: 9PT52-9PT54(22) (shown as shielded on the diagram) has a wire specification of M27500-22ML1T08.

D. Single Conductor Shielded, Jacketed and Multiconductor Wires.

- (1) Refer to Figure 202 for an explanation of MIL-C-27500 part numbers.

E. Special wires are used in the control wheels.

- (1) Order S3333-1 Multiconductor Cable for the left control wheel.
(2) Order S3333-2 Multiconductor Cable for the left control wheel with Electric Trim.
(3) Order S3333-3 Multiconductor Cable for the right control wheel.

4. Wire Identification

A. Refer to Introduction for details of wire numbering.

- B. Each wire shall be identified with legible characters at intervals not exceeding 15 inches for the length of the wire. The wire should also be marked approximately 3 inches from each break or each terminal except that this distance can be increased to install ties, clamps, connectors, supporting devices or terminals.

- C. No identification marks or numbers are required on external wires that are part of vendor furnished equipment.

- D. Wires or cables less than 3 inches in length need not be identified.

E. Wire identification can be marked on the wire as follows:

- (1) Hot embossing of single wire.
(2) Hot embossing of pressure sensitive tape.
(3) The marking of vinyl sleeves.
(4) The marking of printing foils.

- F. Coaxial cables may be identified by applying the identification code directly to shrink tubing and installing within 3 inches of termination.

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Wire, single conductor unshielded

————— HJF162-96PF15(22) —————

High temperature wire, unshielded (wire number is underlined>

————— 3S183-SP227(20) —————

Twisted pair of wires, unshielded

⊗ ——— 23PF119-CPF41(22)WHITE ——— ⊗
⊙ ——— 8PF119-EPF41(22)BLACK ——— ⊙

Shielded single conductor

⊖ ——— 9PT52-9PT54(22) ——— ⊖

Shielded two conductor

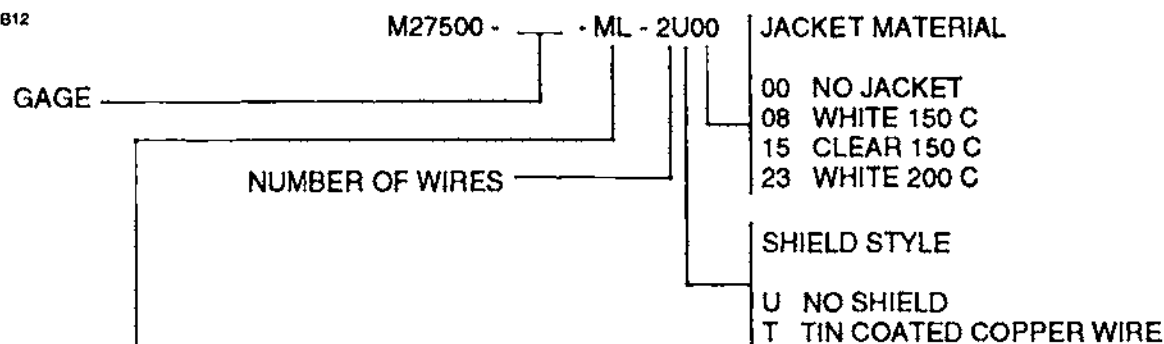
⊖ ——— EJJ28-MPF143(20)WHITE ——— ⊖
⊖ ——— FJJ28-KPF143(20)BLACK ——— ⊖

NOTE: CAN BE SHOWN WITH OR WITHOUT WIRE NUMBERS.

Wire Categories
Figure 201 (Sheet 1)

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SPECIFICATION	TEMPERATURE RANGE	USE
ML	-65 C to 150 C	All general airplane wiring: 24 gage to 12 gage. General airplane wiring and where high temperature wire is required except engine area and fire detection: 22 gage to 00 gage.
RA	-65 C to 260 C	
SM	-65 C to 200 C	High abrasion resistance power cable: 24 gage to 00 gage.
JA	-54 C to 260 C	High temperature and fire resistant engines and fire detect: 22 gage to 00 gage.

Wire Part Numbers
 Figure 202 (Sheet 1)

5. Reidentification of Wires

- A. Reidentification of a wire is required when wire runs are replaced or when existing wire is used for new purposes.

6. Tools and Equipment

NOTE: The materials (or equivalent) listed in Table 203 are required.

Table 203. Tools and Equipment

NAME	NUMBER	MANUFACTURER	USE
Aliphatic Naphtha	TT-N-95	Locally available	Cleaning agent.
Petrolatum	AN-P-51	Locally available	Wire installation.
Twine	MIL-T-713	Locally available	Wire installation ties.
Vinyl Tape	CT-93C	Resin Industries Inc. Santa Barbara, CA	Wrapping cables.
Sleeving	MIL-I-7444B Type I	Locally available	Insulation and protection.
Sleeving	MIL-I-7444B Type II	Locally available	Identification of wires.
Lacquer	MIL-L-7178	Locally available	Overcoating ties.
Fiberglass Cord	MIL-Y-1140	Locally available	Wire installation ties.

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Table 203. Tools and Equipment (continued)

NAME	NUMBER	MANUFACTURER	USE
Tape, Adhesive Insulating	MIL-I-7798	Locally available	Insulation and wire repair.
Braided Glass Sleeving	MIL-I-3190	Locally available	Protect wires from abrasion.
Insulation Tubing	MIL-I-23053/5	Raychem Corp. 300 Constitution Dr. Menlo Park, CA 94025	Heat shrink insulation.
Glass Tape	Fabric P31D	Permacel Division Johnson and Johnson P.O. Box 671 New Brunswick, NJ 08903	High Temperature Insulation
Tie (Sta-Strap)	MS3367	Locally available	Tying wire bundles.
Tie Tool	Panduit GS-2B	Panduit Corp.	Installing ties.
Red Glyptal Insulating Varnish	90-2	GC Electronics Division of Hydrometals, Inc. 6820 Latijere Blvd. Los Angeles, CA 90045	Coat areas adjacent to wire bundles for insulation
Tape, Pressure Sensitive	365	Minnesota Mining and Mfg. Co. St. Paul, MN 55101	High temperature insulation and repair.

7. Removal/Installation of Wires

- A. Install Wire. Observe the following general rules when installing wires in open runs.
- (1) Avoid crossovers, twists and kinks.
 - (2) Wiring shall not be attached to or supported by plumbing lines containing flammable liquids or oxygen. Where possible, wire should be routed above these lines.
 - (a) Wires and cables should be located a minimum of 6 inches from lines where practical.
 - (b) A separation of between 2 and 6 inches is acceptable, provided the wires are rigidly clamped.
 - (c) When a minimum of 2 inches cannot be maintained, a separation of between 0.5 to 2 inches shall be acceptable, provided the electrical wires are rigidly clamped and covered with electrical insulating material.
 - (3) Cables installed in locations where fluid can be trapped must be protected against contamination by fluid.
 - (a) All wiring insulation shall be protected from moisture deterioration by using drain holes in the tubing, sleeving or conduit and by keeping wiring out of sumps and areas of excessive moisture.
 - (b) When routed through areas where cables may become saturated with oil, they shall be enclosed in conduits.

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CAUTION: MAKE SURE THAT FLUID DOES NOT CONTACT WIRES, AND REMOVE ANY FLUID FROM THE WIRES, THE HARDWARE THAT HOLDS THEM, OR AVIONICS AND ELECTRICAL EQUIPMENT. COLLECT AND DISCARD ANY FLUID SPILLED WITH CLOTHS, PLASTIC SHEETS, AND CONTAINERS. FLUID CONTAMINATION CAN CAUSE WIRE INSULATOR DETERIORATION AND SHORT CIRCUITS.

- (4) Wires shall not be routed closer than 3 inches to components producing heat in excess of 140°F. Wires required to connect with heat producing components shall be routed directly away from the component and maintain the 3 inch clearance thereafter. Wiring operating in elevated temperatures shall be wrapped with tape or contained in conduits.
- (5) Wires and cables shall be positioned or protected to avoid contact with rough or irregular surfaces and sharp edges.
 - (a) All wiring shall be protected from chafing by the use of grommets, protective sleeves, by proper support and correct routing.
 - (b) All screws or metal edges that are within 0.20 inch of a wire or cable shall be coated with Glyptal, protected by nylon caterpillar-type grommets or other protection.
 - (c) Wiring shall be routed to avoid contact with moving parts.
 - (d) Wiring around sharp edges should be avoided at all times.

CAUTION: USE A CLOTH TO COVER ANY WIRES, AVIONICS OR ELECTRICAL EQUIPMENT THAT IS IN A LOCATION WHERE METAL CHIPS OR SHAVINGS CAN FALL. BE SURE TO REMOVE ANY METAL CHIPS OR SHAVINGS FROM WIRES, AVIONICS AND ELECTRICAL EQUIPMENT. CONTAMINATION FROM METAL SHAVINGS CAN CAUSE WIRE INSULATOR DETERIORATION AND SHORT CIRCUITS

- (e) Wiring shall be routed so they will not be crushed or pinched during installation.
- (6) Lightly coat wire with petroleum jelly or water before pulling through pressure feed-thru.
- (7) Leave enough slack in wiring to accomplish the following:
 - (a) Permit staking of terminals.
 - (b) Ease of maintenance.
 - (c) Permit free movement of shock-mounted equipment.
 - (d) Prevent mechanical strain on wiring and wiring supports.
 - (e) Provide adequate drip and service loops.

CAUTION: DRIP LOOPS MUST BE ARRANGED SO THAT DRIP FROM LOOP DOES NOT FALL ON EQUIPMENT WHICH MIGHT BE ADVERSELY AFFECTED. ON MOISTURE RESISTANT CONNECTORS, DRIP LOOPS MAY BE OMITTED WHERE SPACE IS LIMITED. COAXIAL CABLE ASSEMBLIES IDENTIFIED AS IMPEDANCE MATCHING UNITS MUST BE A SPECIFIED LENGTH. DO NOT SHORTEN CABLE TO REMOVE EXCESS SLACK.

- (8) The securing of wire groups, bundles, sleeves, adapter clamps and tape shall be accomplished with a clove hitch knot secured with a square knot. Refer to Figure 203.
 - (a) MIL-T-713 twine and Sta-straps shall be limited in use to operational temperatures of less than 200°F.
 - (b) The free ends of the MIL-T-713 twine shall be a minimum of 3/8 inch long.
 - (c) Wire groups or bundles shall be tied at intervals not to exceed 12 inches.

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- (d) Insulating sleeving over splices and identification sleeves shall be bound securely at both ends. The ties shall be made approximately 1/4 inch from the ends of the sleeves. Sleeves over bare terminals shall be tied at one end only or the tie shall be made around the wire or cable at the end of the sleeve away from the terminal.
- (e) Wires or cables in conduit or insulating sleeving shall not be tied.
- (f) In no case shall a tie be drawn so tightly that cutting or penetration of the conductor jacket or insulation will result.
- (g) Tying cord shall not be used for support of the bundle.
- (h) Two or more wire groups may be tied to each other and installed in the same clamp provided sufficient ties are left on the individual groups to retain group identity.
- (i) When cable groups cross each other, they shall be tied together at point of contact.
- (9) The minimum bend radius of any cable other than coaxial cable is ten times the outside diameter of the cable.
 - (a) At terminals where the cable is suitably supported, the minimum radius may be five times the outside diameter.
 - (b) When impractical to meet radius requirements, shorter bend radii are permitted if the bend is enclosed in insulated tubing. For electrical equipment and accessories, the minimum bend radius may be three times the diameter of the wire.
 - (c) For coaxial cables, the minimum bend radius shall be six times the outside diameter of the cable.
- (10) Wiring shall be routed in open areas where visible for maintenance when possible.
- (11) Adhesive tapes, which will dry out in service, produce chemical reaction with wire insulation or absorb moisture, shall not be used.
- (12) Wiring shall be supported at intervals of not more than 12 inches except when contained in ducts or conduits.
 - (a) Tie wraps shall be used to maintain a bundle at intervals no more than 6 inches or less than 4 inches.
 - (b) Wiring supporting devices shall be of such size that the wires will be held securely in place without damage to the insulation.
 - (c) Hot glue shall not be used to support wiring.
- (13) All wiring shall be protected against any factor which would disrupt the correct functioning such as shorts, grounding, parting, corrosion or environmental exposure.

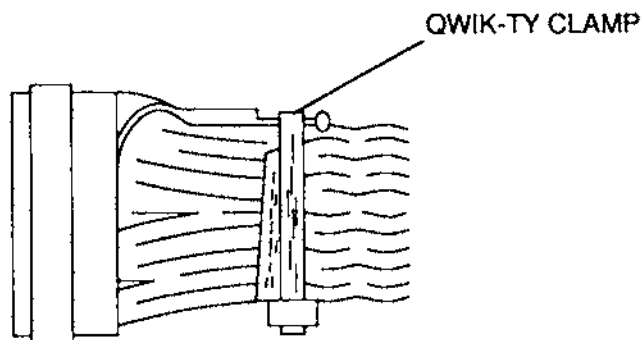
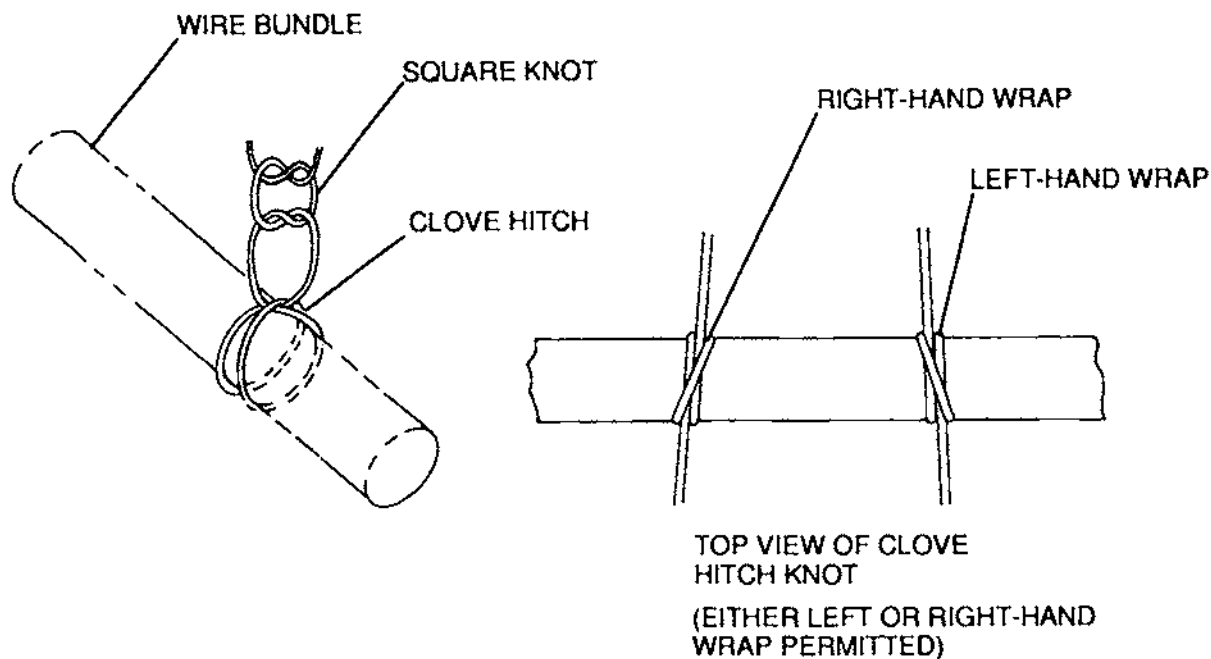
CAUTION: INSTALL CAPS OR OTHER PROTECTION ON ELECTRICAL CONNECTORS THAT ARE DISCONNECTED. THIS WILL HELP TO PREVENT CONTAMINATION WITH FLUID AND MOISTURE.

8. Terminal Board Installation

- A. All screws fastening the terminal board to the structure shall be inserted with the head toward the terminal side of the board, if possible. All screws inserted with the thread end toward the terminal side shall have a maximum of 2 one-half threads through the nut.
- B. A maximum of four terminals shall be attached to one terminal lug.
- C. The terminal shall be attached to the terminal block so that no part of the wire proper shall contact the terminal stud.
- D. When tightening the nut on the stud, caution shall be exercised to prevent breaking loose or shearing the molded-in stud or breaking the frame.
- E. All terminals shall be orientated on the terminal strip stud in such a manner that a possible movement of the terminal shall tighten the top stud nut. When more than one terminal is attached to a terminal post, only the top terminal must be arranged as described.
- F. The washers, wire terminals and/or bus bars, and terminal stud nuts shall be assembled on terminal studs in the following sequence starting at the terminal block; (1) plain washers; (2) lockwashers; (3) first stud nut; (4) terminal(s) and/or bus bar(s); (5) plain washer; (6) lockwasher; (7) final stud

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WRAP STRAP AROUND WIRE BUNDLE ONCE FOLLOWED BY A SECOND WRAP AROUND THE CONNECTOR CLAMP AND WIRE BUNDLE, AND APPLY INSTALLATION TOOL

PLASTIC TIE STRAP METHOD SHOWN
 REFER TO ABOVE FOR OPTIONAL STRING TIE METHOD

TYPICAL INSTALLATION

55982009
 55982009
 5598T2008

Binding Tie
 Figure 203 (Sheet 1)

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nut. When a terminal is attached to an equipment item with a screw, the screw shall be passed through a lockwasher, a plain washer and the terminal(s) in sequence with the wire terminal against the attachment point on the equipment. Refer to Figure 204.

9. Wire Repairs

A. General Instructions.

- (1) Replace broken, frayed, cracked or damaged wire with new wire. The entire wire segment should be replaced. Replacement wire segment must be size and type indicated on the applicable wiring diagram. If wire or cable damage is limited to outer covering only, wire or cable may be repaired as outlined in this section.

CAUTION: DO NOT SPLICE, SOLDER OR TAPE DAMAGED WIRE UNLESS INVESTIGATION PROVES THAT SYSTEM INTEGRITY WILL NOT BE AFFECTED. DO NOT USE SMALLER SIZE WIRE. USE OF SMALLER SIZE WIRE CAN RESULT IN BURNED WIRING OR MALFUNCTIONING EQUIPMENT.

B. Braided Nylon Insulated Wires.

- (1) Clean area to be repaired with aliphatic naphtha.
- (2) Lay loose nylon strands as evenly as possible over damaged area.
- (3) Spiral wrap double layer of vinyl tape over damaged area, overlapping 1/2 width of tape. Tape should extend at least one inch beyond both ends of damaged area.
- (4) Tie both ends of tape with nylon cord and brush knots with clear lacquer.
- (5) Small gage wires may be wrapped with adhesive vinyl tape.

C. Chromel/Alumel Thermocouple Wire.

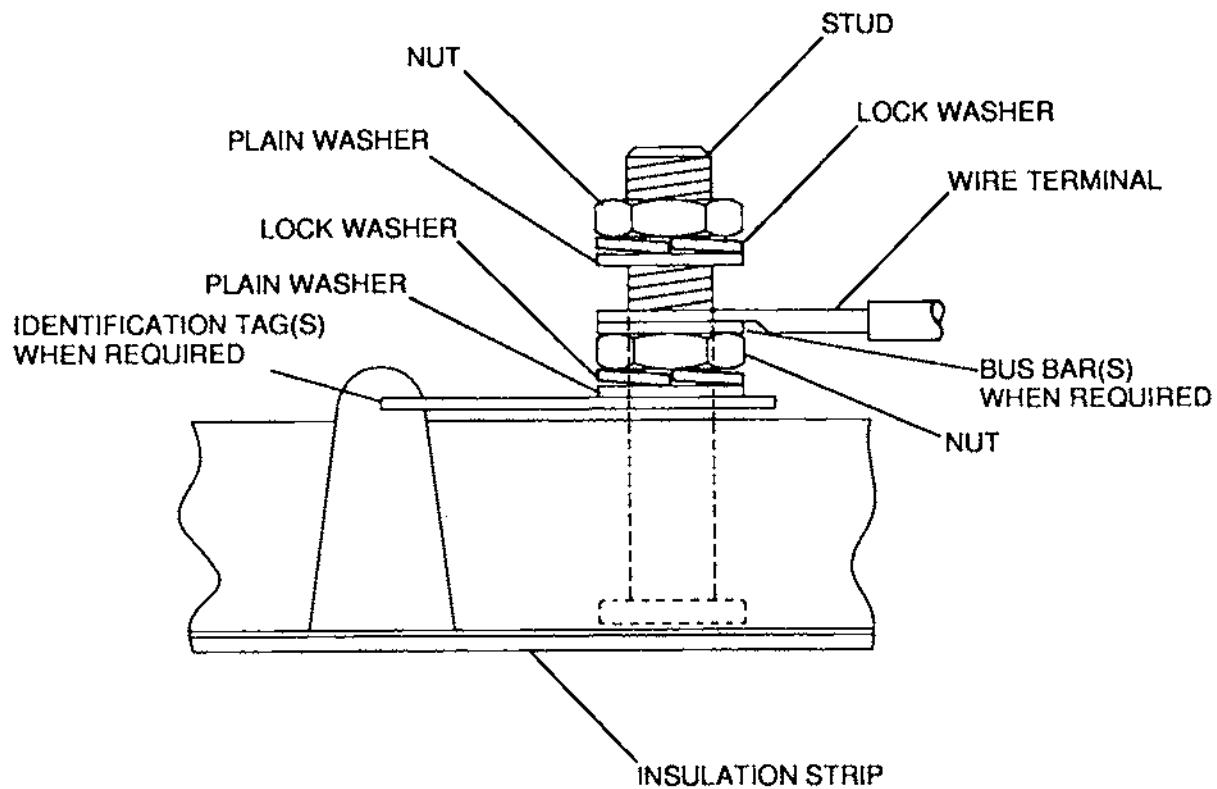
- (1) Clean damaged area with solvent.
- (2) Lay loose fiberglass covering ends as evenly as possible over damaged area.
- (3) Tension spiral wrap double layer of glass fabric tape (Permacel EE-3343) over damaged area, overlapping 1/2 width of tape. Tape should extend at least one inch beyond both ends of damaged area. Maximum length of taped area should be no greater than 3-1/2 inches.
- (4) Cure tape in place by heating with heat gun or lamp to approximately 320°F for 30 minutes. Protect adjacent wires from heat by covering with heat resistant material.
- (5) The ends of the outer insulation which has been stripped back and trimmed on the thermocouple leads should be served from the ends of the insulation back to approximately 1/2-inch by wrapping cord as shown in Figure 205.

D. Splicing Electrical Wires. Splicing of wires is not recommended; however, in some cases, splicing of wires may be necessary.

- (1) Refer to Splices and Terminals for splices and tools.
- (2) All splices shall be covered with an insulating sleeve and secured. Preinsulated splices need not be covered by an additional sleeve as long as the splice is completely covered.
 - (a) The splice crimping tool for preinsulated splices has an insulation crimping adjustment set to 1, 2, 3 or 4 depending on the thickness of insulation. The splice should have a firm crimp on insulation without damage.
- (3) Splices in the same wire group or bundle shall be staggered to prevent excessive enlargement of the group or bundle.
- (4) Aluminum cables shall not be spliced.
- (5) Splicing Shielded Wires. Refer to Figure 206.
 - (a) Refer to Splices and Terminals for splices and tools.
 - (b) Splices in the same wire group or bundle shall be staggered to prevent excessive enlargement of the group or bundle.
 - (c) Splices shall not be located under a clamp or in a place where the wire bundle is flexed, such as at a wire bundle breakout to an instrument.
 - (d) Stagger inner conductor splices as shown in Figure 206.
 - (e) After installing braided solder sleeve the solder shall be completely melted and environmental seal bands must make contact with the outer jacket of the wire.

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Terminal Board Installation
Figure 204 (Sheet 1)

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- (f) After installing the braided solder sleeve, the braided solder sleeve must not be cut or split. Shield strands must not extend through the braided solder sleeve.
- E. Splicing Coax Cables. Splicing of coax is not recommended; however, in some cases, splicing of coax may be necessary.
 - (1) Coaxial cables used in a system where a specific length of cable is required for proper operation shall not be spliced.
 Examples of systems that require specific coax lengths are Radio Altimeter and ELT.
 - (2) Triax cable shall not be spliced.
 - (3) Splicing of coax is limited to Nav, Comm and DME systems.
 - (a) Cut the coax at the location of the damage.
 - (b) Install TNC style (threaded) coax plug and jack on the ends of the coax or install TNC style (threaded) coax plugs on both ends of the coax and connect to a bulkhead feed-thru connector.
 - (c) Cover the connectors with heat shrink tubing per MIL-I-23053. Refer to Heat Shrink Tubing - Maintenance Practices.
- F. Terminal Installation.
 - (1) Refer to Splices and Terminals for terminals.
- G. Heat Shrink Tubing Installation.
 - (1) Refer to Heat Shrinkable Tubing - Maintenance Practices for heat shrink tubing.
- H. Wire Stripping.
 - (1) All wires shall be stripped with wire stripping tools. Hand knives shall not be used except when required for cables and aluminum wires.
 - (2) Sufficient insulation shall be stripped from the wire so no insulation will touch the connection.
 - (3) Care shall be taken to avoid nicking or otherwise damaging the wire or remaining insulation. For the minimum requirements that will be acceptable for nicking or cut wire strands, refer to Table 204.

Table 204. Maximum Nicked or Broken Strands For Stripped Wire

NUMBER OF STRANDS	MAXIMUM ALLOWABLE NICKED OR BROKEN STRANDS
LESS THAN 7	0
7-15	1
16-18	2
19-25	3
26-36	4
37-40	5
41 OR MORE	6

- I. Soldering.
 - (1) Refer to Soldering - Maintenance Practices for soldering.
- J. Backshell
 - (1) All non self locking backshell coupling nuts shall have a bead of RTV157 applied to the nut and backshell body after tightening.

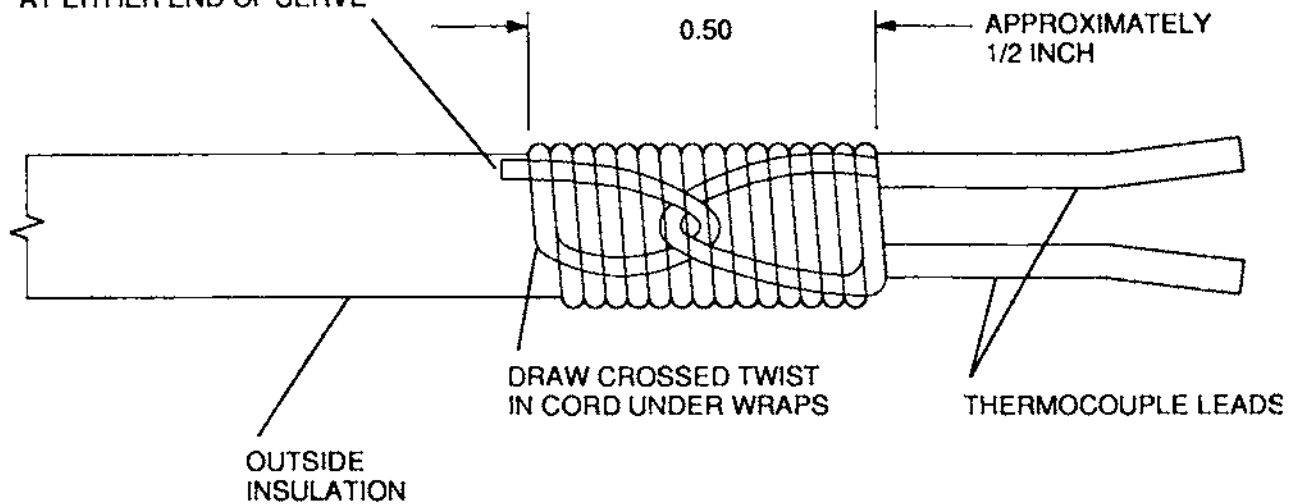
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END OF CHORD SHALL NOT BE
EXPOSED MORE THAN 1/8 INCH
AT EITHER END OF SERVE

0.50

APPROXIMATELY
1/2 INCH

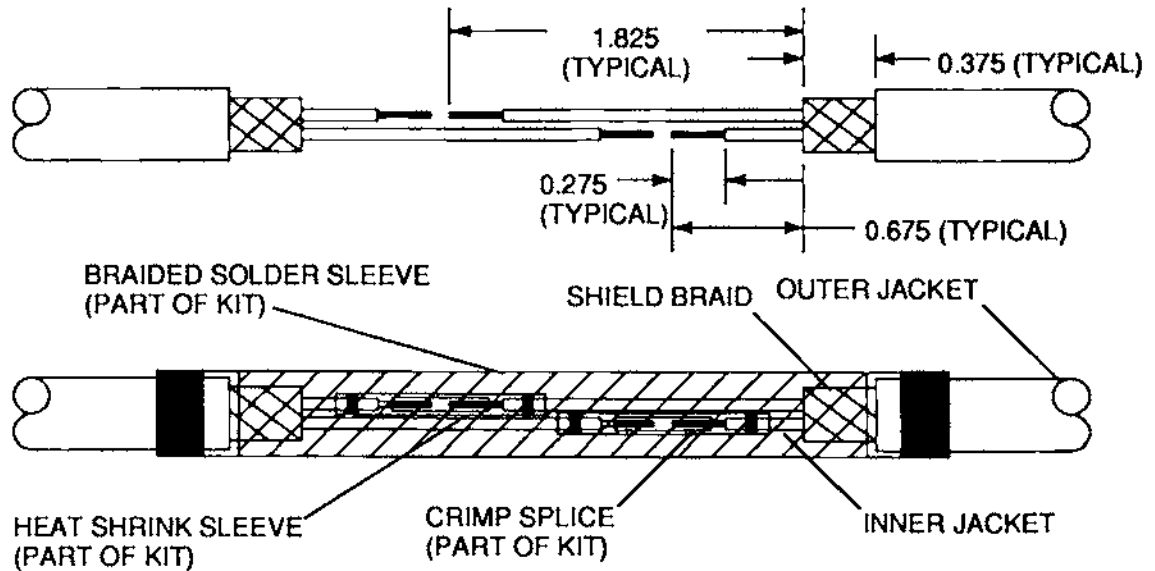


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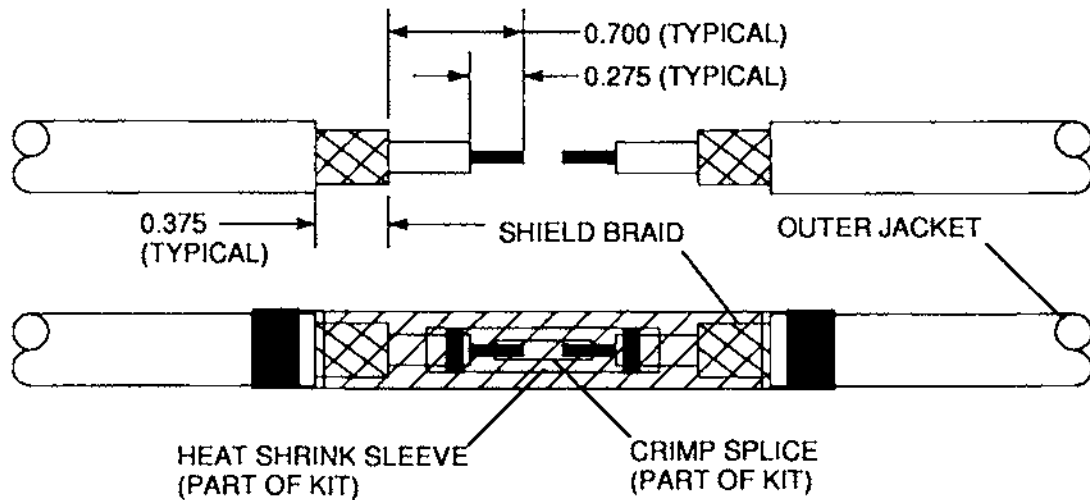
Serving Thermocouple Leads
Figure 205 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

A3958



MULTICONDUCTOR SHIELDED WIRE



SINGLE CONDUCTOR SHIELDED WIRE

6274T1006

Shielded Wire Splices
 Figure 206 (Sheet 1)

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MODEL 172
WIRING DIAGRAM MANUAL

BONDING AND GROUNDING - MAINTENANCE PRACTICES

1. General

- A. All installed components and equipment should be bonded and grounded.

2. Removal/Installation of Bonding and Grounds

A. Surface Preparation for Bonding.

- (1) Remove oil, grease, dirt and other contaminants with clean cotton cloth dampened with solvent.
- (2) Completely remove paint, dyes or stains with an approved solvent. Wipe dry with a clean, dry cloth.
- (3) Use adhesive finishing paper or cloth, Number 320 grit or finer, or aluminum wool to remove nonconductive coatings from surfaces to be bonded.

B. Install Ground.

- (1) There shall be no more than four terminals attached to any ground stud.
- (2) A maximum of two ground wires may be crimped in one terminal. If shown on a wire diagram, it is permissible to have three braid straps per ground terminal.
- (3) Install terminal to grounding structural member in accordance with Figure 201.
- (4) Touch up or refinish the bonded members by reapplying the original paint finish.
- (5) The perimeter of all permanent electrical contact areas shall be sealed after assembly using Type I or Class VC sealant. Refer to the Maintenance Manual, Chapter 20, Solvents, Sealants And Adhesives for sealant types and application.

3. Installation of Shielded Cable Grounds

A. Shield termination using Method I. To be used when a single or small number of shielded cables terminate at a common point.

- (1) Strip cable in accordance with dimensions in Figure 202. Use Thomas & Betts Tool Number WT-700 or functionally equivalent to cleanly cut the shield to required length.
- (2) Refer to Table 201 to determine proper solder sleeve for cable being used.
- (3) The sleeve should be placed on the cable large end first. The shield should be bottomed against the necked portion of the sleeve thus correctly positioning the sleeve for shrinking and soldering.
- (4) Position the sleeve so that it is centered between the inserts of the nose cone on a heat gun and move side to side until proper shrinking and soldering is observed. Use the Raychem Zap Gun or Raychem Model CV-4504 Shop Air Heater for this purpose.
- (5) For terminating a relatively small number of shields at a common point, apply Method I as shown in Figure 203.

Table 201. Shielded Cable Ground Installation

Shielded Wire MIL-C-27500	Solder Sleeve Raychem P/N D144-
22B1T2	-50
22B2T2	-51
22B3T2	-51
20B1T2	-50
20B2T2	-51
20B3T2	-51
18B1T2	-50

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Table 201. Shielded Cable Ground Installation (continued)

Shielded Wire Mil-C-27500	Solder Sleeve Raychem P/N D144-
18B2T2	-51
16B1T2	-51
14B1T2	-51

- B. Shield termination using Method II. To be used when a large number of shielded cables terminate at a common point.
- (1) Prepare individual shielded cables as shown in Figure 204. Use Thomas & Betts Tool Number WT-093B to slip conductor(s) out of shield. Refer to Figure 205 for wire stripping dimensions.
 - (2) Slip all prepared shielded cables and all unshielded wires that terminate at the same point through the appropriate size solder sleeve.
 - (3) Position sleeve per Figure 205 and use procedure described in 3.A.(3) for shrinking and soldering of sleeve.
- C. Alternate method. To be used when solder sleeves are not available.
- (1) Cut the outer jacket around its circumference four inches from the end of the cable as shown in Figure 206.
 - (2) Push the metal braid shielding back over the insulated wire to make a hump.
 - (3) Make an opening by separating the wires in the metal braid at the hump. Work the insulated wire through the opening. Push the shielding even further over the wire. Wrap one or two turns of vinyl tape around the wire at the base of the hump. Slide the braid over the taped joint.
- CAUTION: DO NOT DAMAGE THE WIRE INSULATION OR SHIELDING.**
- (4) Slide the outer covering over the pigtail and taped wire. Wrap two or three turns of tape around the cut end of the outer jacket to make a moisture and dustproof joint.
 - (5) Cut the insulated wire to proper length, strip insulation and install connector.
 - (6) Cut the pigtail to length. Enclose pigtail in vinyl sleeving and stake terminal to pigtail.
- D. Dead ending a shield.
- (1) Strip cable and cut heat shrink tubing to length according to dimensions in Figure 207.
 - (2) refer to Heat Shrinkable Tubing - Maintenance Practices for proper size tubing and further installation details.

NOTE: Part number D144-50 solder sleeve is for a single 22 AWG pigtail. For more than one pigtail or pigtail larger than 22 AWG use a D144-51 solder sleeve.

NOTE: For Mil-W-16878 Type D shielded cable use shrink tube for a heat sink between the conductor insulation and the shield.

4. Terminating Shielded Cables

- A. When terminating shielded cables, the following guide lines should be observed.
- (1) Shield terminations (jumper wires or braid strap) shall be as short and as straight as possible to the back of a connector or to a ground stud.
 - (2) Ground shields only where indicated by the applicable wiring diagram.
 - (3) There shall be no more than two jumper wires (or braid straps) per ground terminal. If shown on a wire diagram, it is permissible to have three braid straps per ground terminal.
 - (4) Only jumper shielded cables together as shown on the applicable wiring diagram.
 - (5) Refer to Table 201 to determine proper solder sleeve for shielded cable to be terminated.

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Table 202. Solder Sleeves for Shielded Cable

Diameter - Inches (Wire and Jumper)		Solder Sleeve	Raychem P/N
Maximum	Minimum		
0.105	0.035	S2974*1	
0.145	0.055	S2974*2	D108-10
0.200	0.085	S2974*3	D108-11
0.255	0.130	S2974*4	
0.300	0.170	S2974*5	D108-12
0.450	0.225		D142-65
0.535	0.350		

- B. Strip the shielded cable in accordance with dimensions in Figure 202.
- (1) Use Thomas & Betts tool Number WT-700 (or equivalent) to cleanly cut the shield to required length.
 - (2) The fold back strip method is required for M27500 Type B shielded cable.
 - (3) The center strip method is used when terminating shields at a connector backshell, equipment rack or using a single solder sleeve for several shielded cables.
- C. Position the solder sleeve and jumper (or braid strap) and heat with a Raychem Zap Gun or Raychem Model CV-4504 Shop Air Heater (or equivalent), move side to side until proper shrinking and soldering is observed. Refer to Figure 208.

NOTE: For MIL-W-16878 Type D shielded cable use shrink tube for a heat sink between the conductor insulation and the shield.

- (1) There shall be no more than two jumpers (or braid straps) per solder sleeve.
 - (2) If using a single solder sleeve for several shielded cables, slip the shielded cables and all unshielded wires that terminate at the same point through the solder sleeve.
- D. Dead ending a shield. Refer to Figure 207.
- (1) Strip shield braid within 1.5 inches from the end of the wire.
 - (2) Position heat shrink tubing 0.75 inch long over the shield braid. Refer to Chapter 20, Heat Shrinkable Tubing - Maintenance Practices.
 - (3) Heat the heat shrink tubing with a Raychem Zap Gun or Raychem Model CV-4504 Shop Air Heater (or equivalent), move side to side until proper shrinking is observed.
- E. Terminating shields at connector backshells or equipment racks. Refer to Figure 209.
- (1) Solder sleeves shall be four inches or less from the connector.
 - (2) Only use S2974-X Solder Sleeves (with braid strap).
 - (3) Crimp braid strap(s) in terminal to match strain relief screws. Refer to Chapter 20, Splices and Terminals, to determine terminal size required.
 - (4) Ensure connector backshell and strain relief clamp are properly tightened.
- F. Terminating shields with a band clamp. Refer to Figure 210.
- (1) Band clamps are used to terminate shields at a connector backshell or equipment rack. Band clamps are also used to terminate shield overbraids that cover an entire wire bundle.
 - (2) Refer to Table 202 for band clamp and installation tool part numbers.

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Table 203. Band Clamp and Installation Tool Part Numbers

Name	Part Number	Manufacturer	Use
Band Clamp	600-052	BAND-IT - IDEX, Inc. P.O. Box 16307 Denver, CO 80216-0307	Shield and shield overbraid termination
Tie-Dex II Tool	A40199	BAND-IT - IDEX, Inc. P.O. Box 16307 Denver, CO 80216-0307	Installation of band clamps

- (3) When replacing band clamps, the following guidelines should be observed.
- (a) Substitutions, such as tie wraps, are not allowed.
 - (b) Only use S2974-X Solder Sleeves (with braid strap) or braid straps when terminating shields with a band clamp.
 - (c) Ensure wires are not under the area to be clamped.
 - (d) Band clamps may not be reused. Band clamps must be replaced when removed for maintenance.
 - (e) After installation, the band clamp shall lay flat across the area to be clamped and shall be secure (cannot be moved by hand).
- (4) Removal of band clamps.
- (a) Using a flat screwdriver, bend down the locking lip on the band clamp and slide the band through the band clamp buckle.
- (5) Installation of band clamps.
- (a) Double wrap the band clamp around area to be clamped. Both wraps of the band clamp must pass through the slot on the band clamp buckle.
 - (b) Squeeze the gripper release handle on the band clamp installation tool and insert the band into the installation tool band slot.

NOTE: The cut-off handle (white handle) should be on the same side as the band clamp buckle.

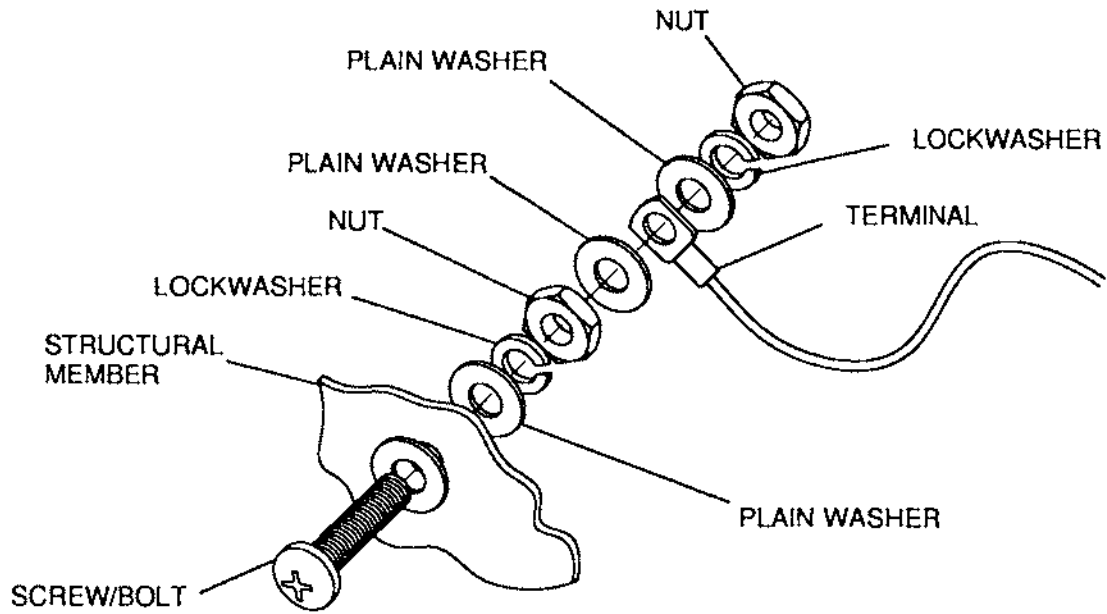
- (c) Repeatedly squeeze the pull-up handle (blue handle) until the handle locks against the installation tool body.
- (d) Squeeze the cut-off handle (white handle) to crimp a locking lip on the band clamp and cut off excess band.

5. Resistance Values for Shield Terminations

- A. Resistance measured from a shield termination (braid strap) to a ground point shall be 0.010 ohms (10 milliohms) or less. Refer to Figure 211.
- B. Resistance measured from a ground point to the connector body shall be 0.005 ohms (5 milliohms) or less. Refer to Figure 211.

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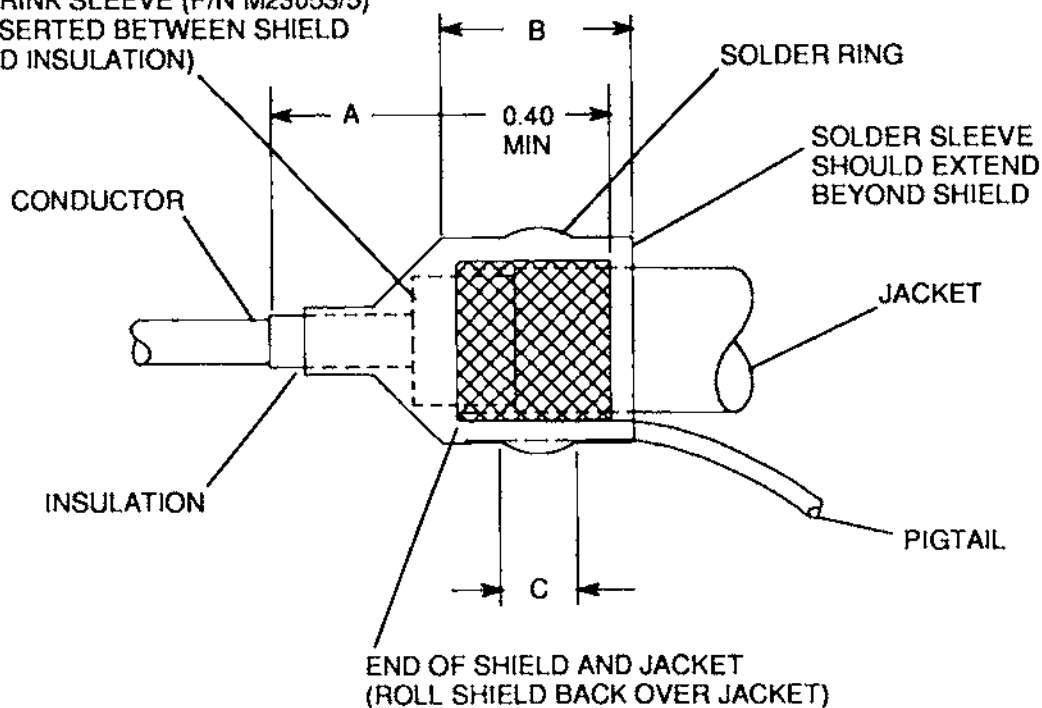
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Terminal Grounding
Figure 201 (Sheet 1)

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MODEL 172
 WIRING DIAGRAM MANUAL

815

0.25 LONG PROTECTION
 SHRINK SLEEVE (P/N M23053/5)
 (INSERTED BETWEEN SHIELD
 AND INSULATION)



DIM.	MIN.	MAX.
A	0.50	3.00
B	0.625	0.675
C	0.20	0.50

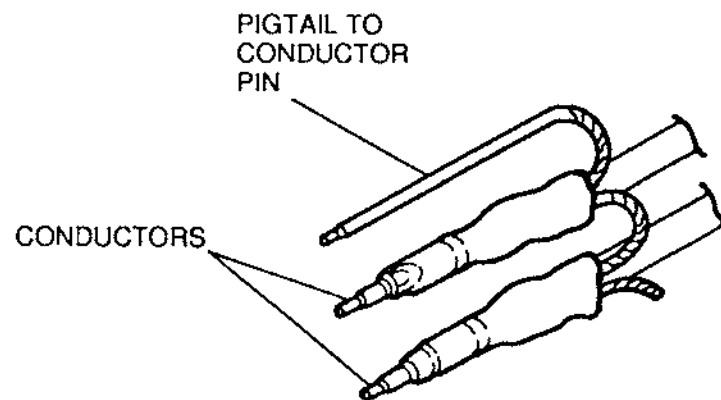
NOTE: SINGLE CONDUCTOR SHOWN. THIS METHOD
 ALSO APPLICABLE TO DUAL AND TRIPLE
 CONDUCTOR SHIELDED CABLE.

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Solder Sleeve Assembly Using Method I
 Figure 202 (Sheet 1)

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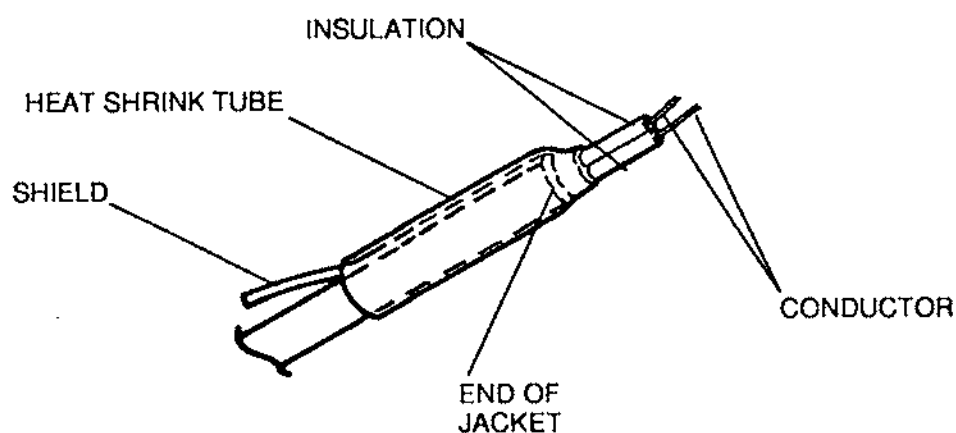


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Multiple Shield Terminations Using Method 1
Figure 203 (Sheet 1)

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817



NOTE: TWO CONDUCTOR SHIELDED CABLE
SHOWN. THIS METHOD ALSO APPLICABLE
TO SINGLE AND TRIPLE CONDUCTOR
SHIELDED CABLE

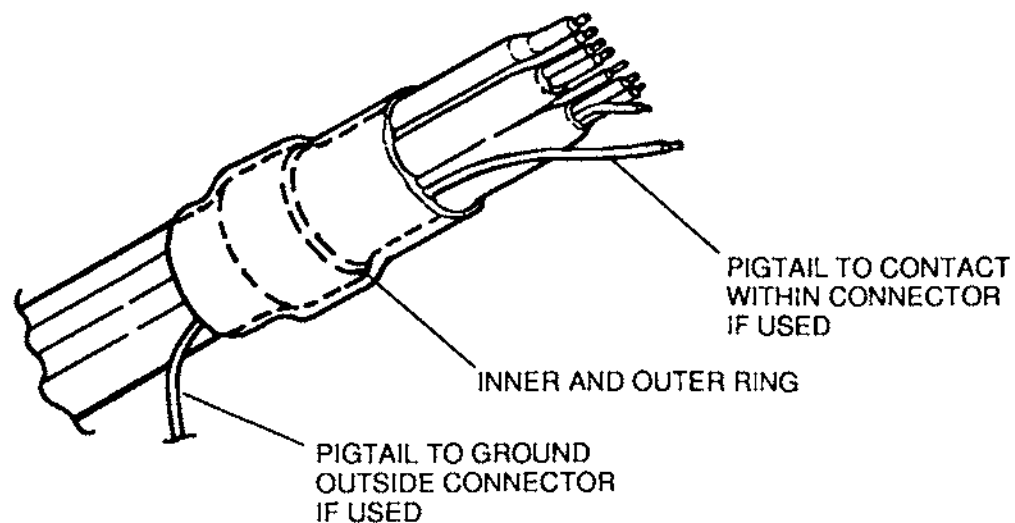
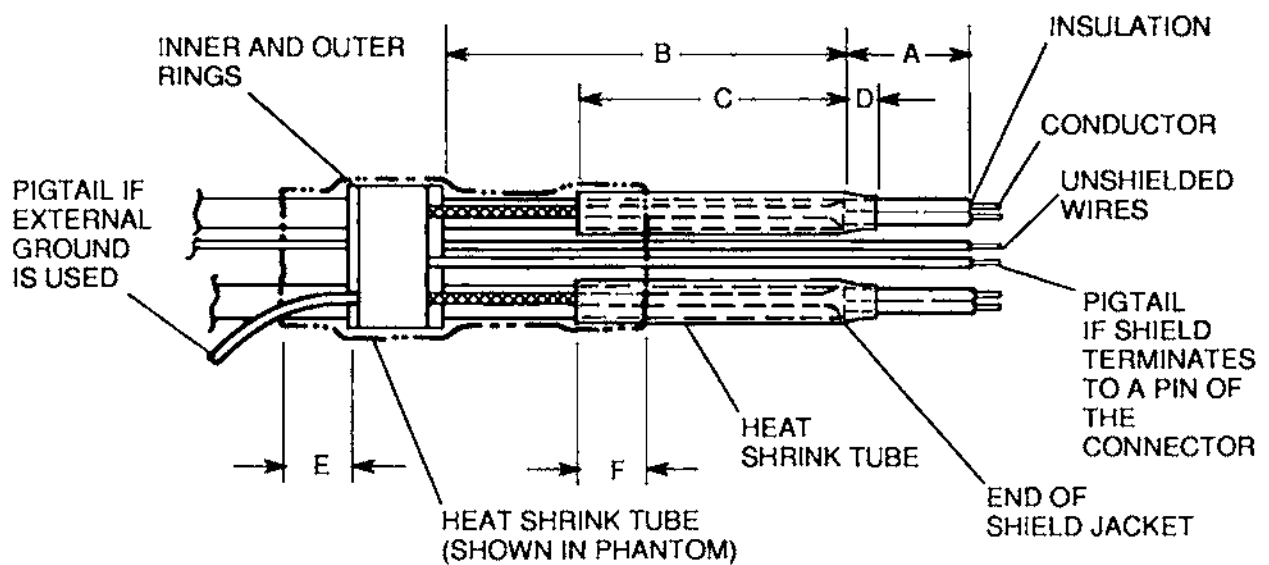
6518X1201

Preparation of Individual Shielded Cables Before Applying Method II
Figure 204 (Sheet 1)

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MODEL 172
 WIRING DIAGRAM MANUAL

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DIM.	MIN.	MAX.
A	0.50	1.25
B	320	3.00
C	1.50	2.00
D	0.15	0.25
E	0.50	320
F	0.50	320

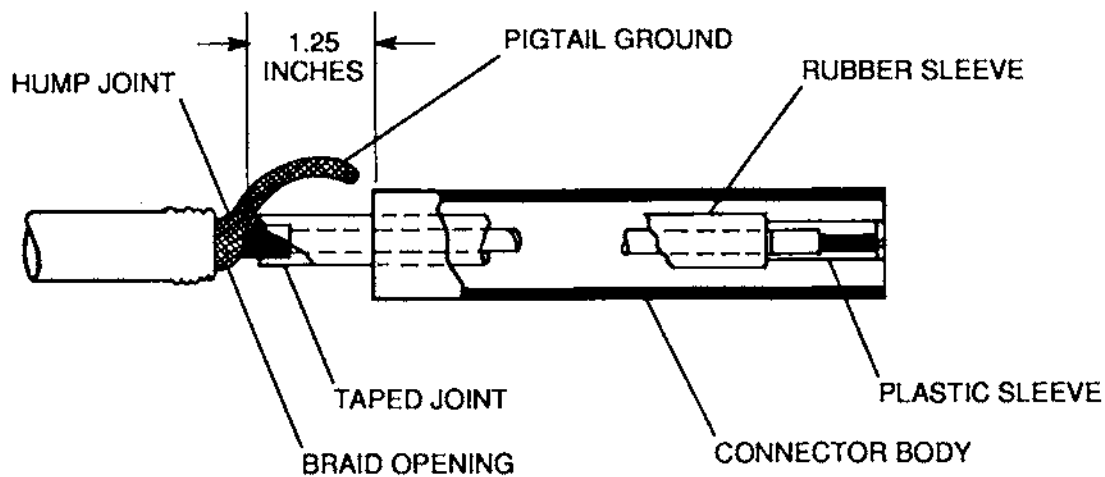
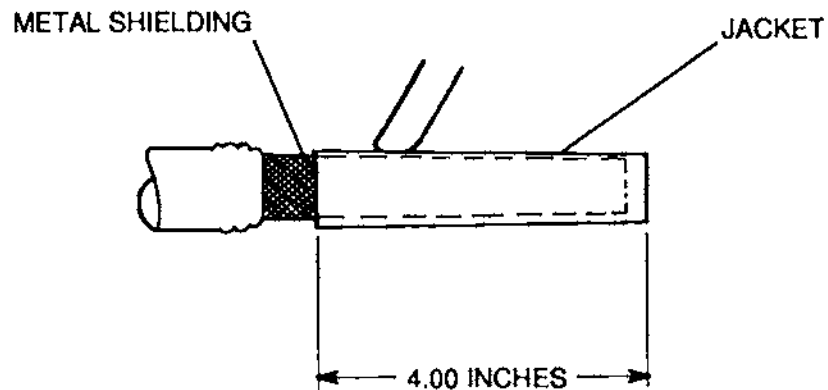


65181201
 65181200

Multiple Shield Terminations Using Method II
 Figure 205 (Sheet 1)

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WIRING DIAGRAM MANUAL

819

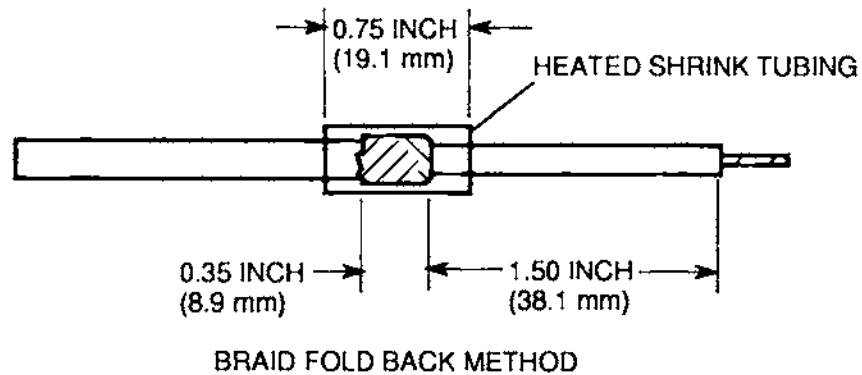
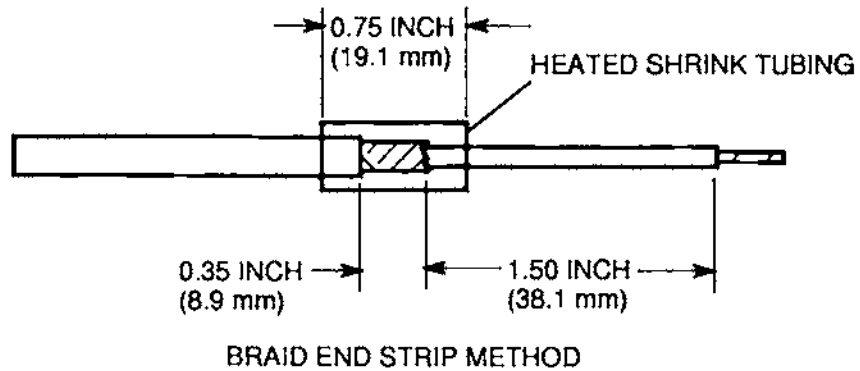


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55982011

Shielded Cable Ground Installation
Figure 206 (Sheet 1)

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WIRING DIAGRAM MANUAL

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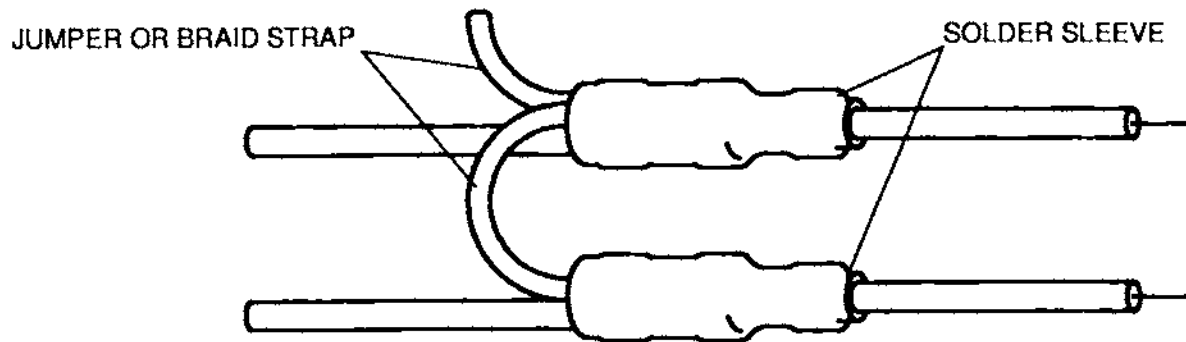


6718T1277

Dead End Shield Terminations
Figure 207 (Sheet 1)

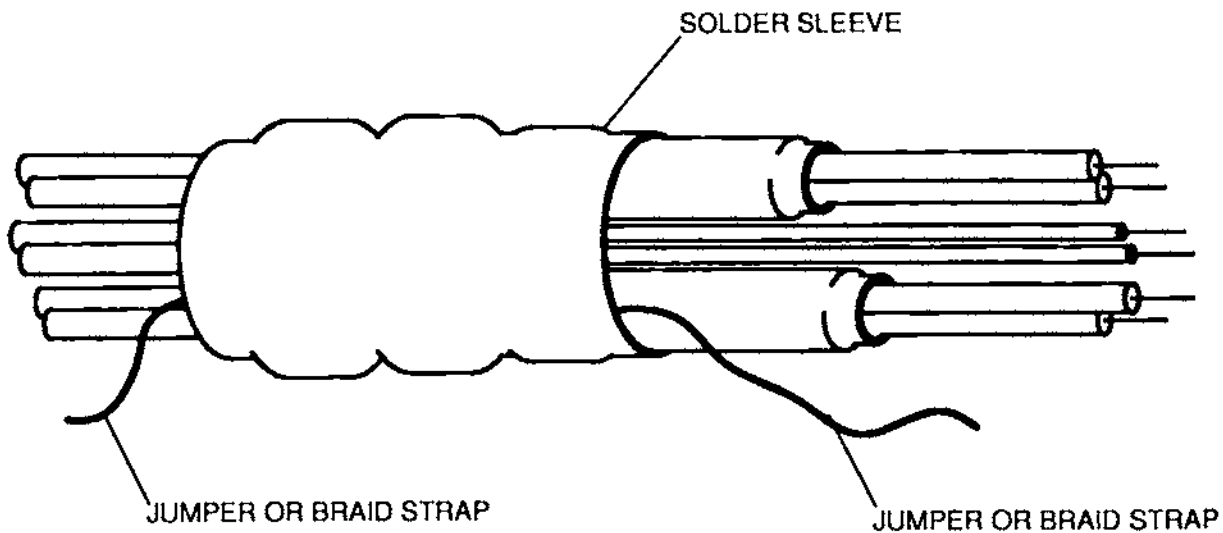
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NOTE: ONLY JUMPER SHIELDED CABLES TOGETHER
AS SHOWN ON WIRING DIAGRAM.

MULTIPLE SHIELD TERMINATIONS



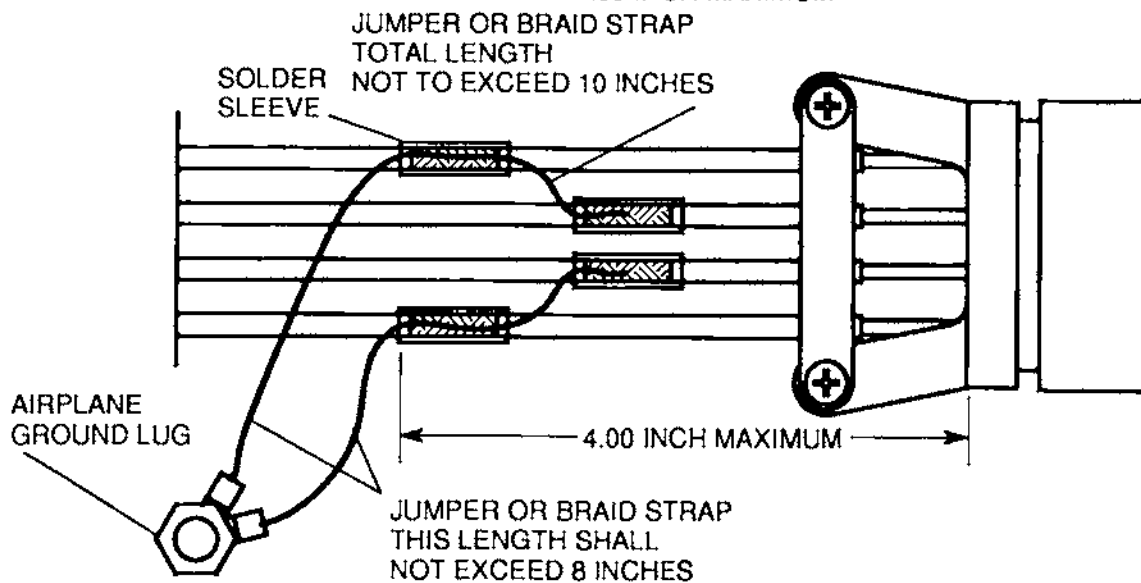
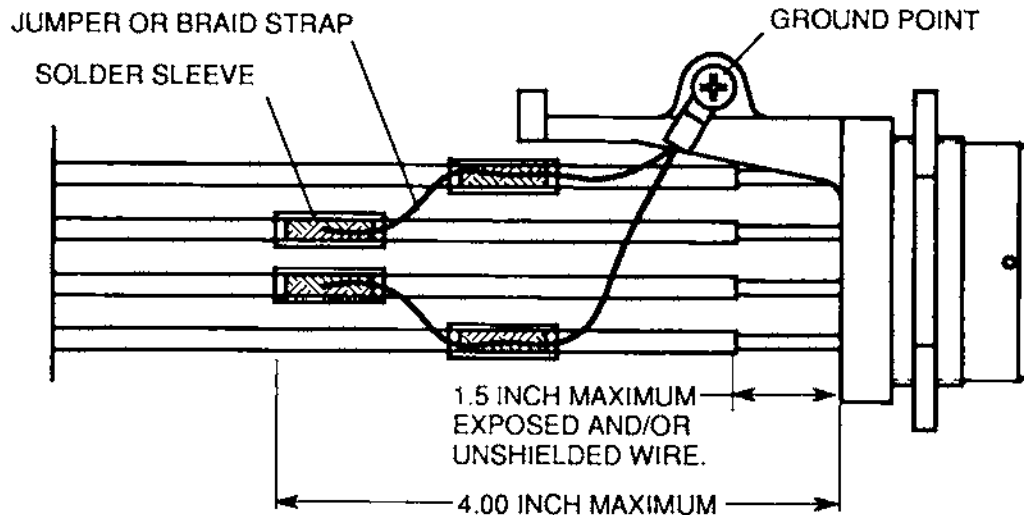
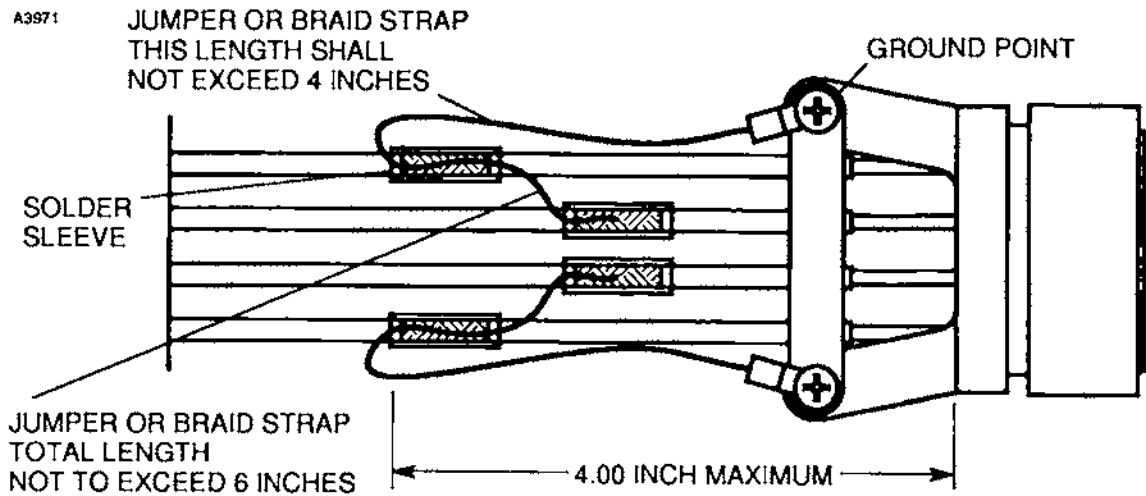
SINGLE SOLDER SLEEVE FOR MULTIPLE SHIELDED CABLES

6718T1276

Shielded Cable Terminations
Figure 208 (Sheet 1)

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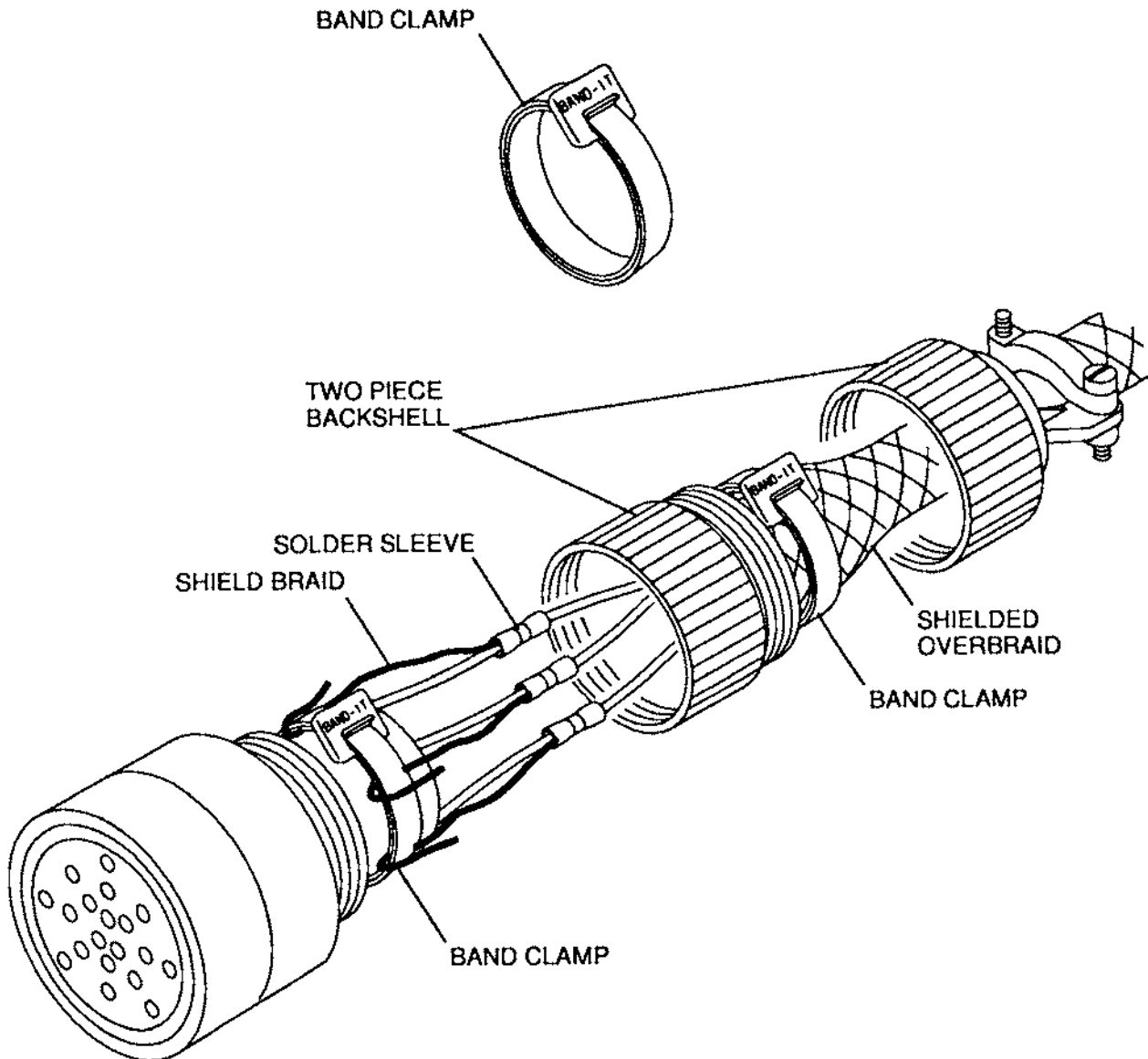


Shield Terminations at Connector Backshells
 Figure 209 (Sheet 1)

6718T1278

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A12651

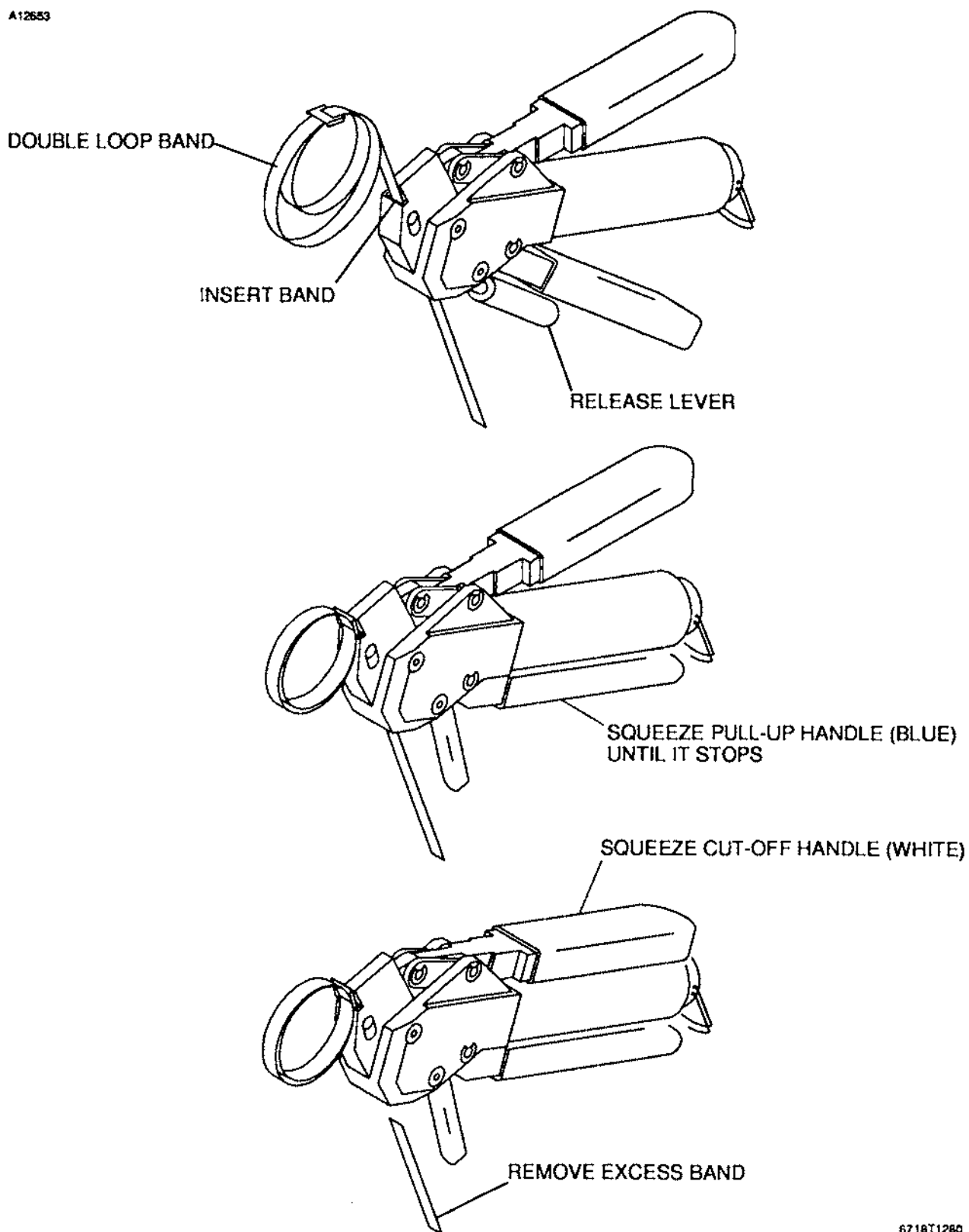


6718T1270

Band Clamp Installation
Figure 210 (Sheet 1)

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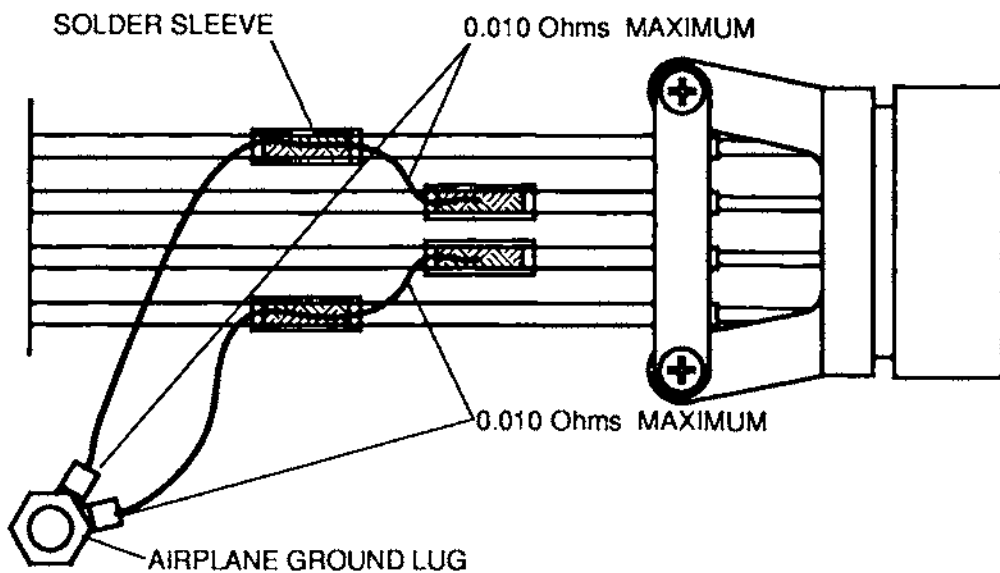
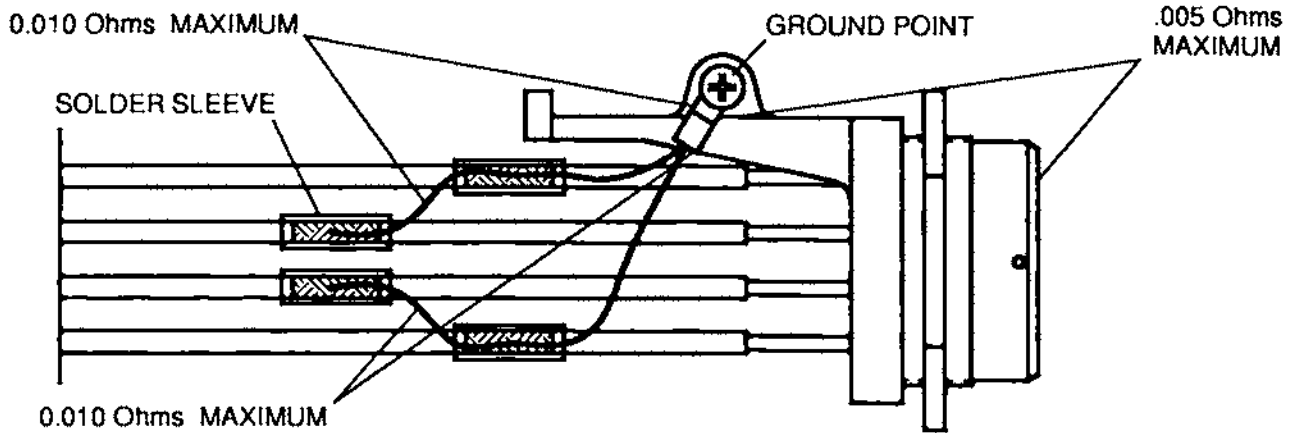
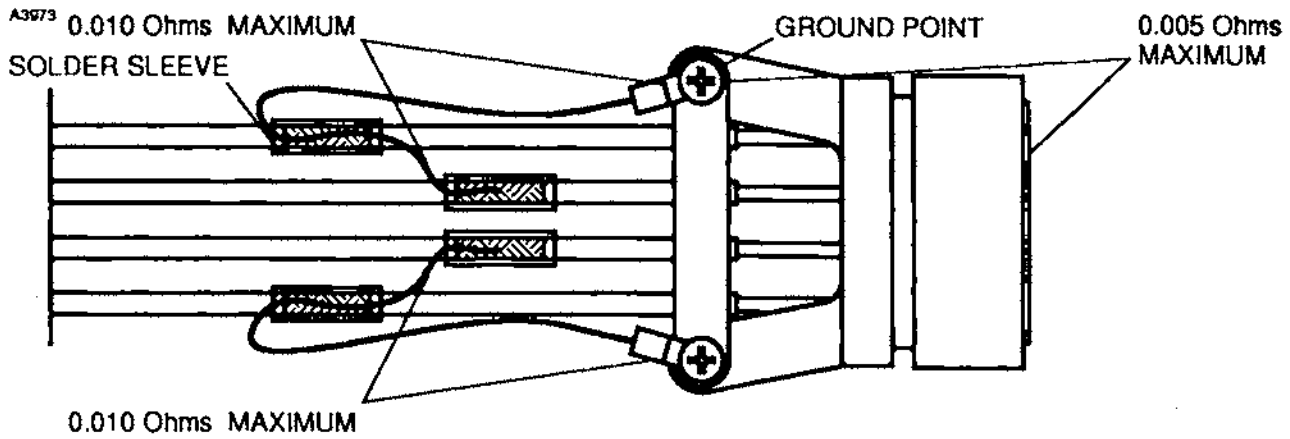
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6716T1280

Band Clamp Installation
Figure 210 (Sheet 2)

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Resistance Values for Shield Terminations
 Figure 211 (Sheet 1)

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SOLDERING - MAINTENANCE PRACTICES

1. General

- A. This section describes procedures for making solder joints with a filler metal having a flow temperature below 800° F. (Refer to Figures 201, 202, 203, 204, 205, 206, and 207)
- B. Electrical wiring and connections should be soldered with a tin-lead solder using a noncorrosive flux.

2. Tools and Equipment

- A. Solder.

CLASS AWS ASTM	COMPOSITION PERCENT BY WEIGHT		TEMPERATURE		USAGE	FLUX AND FLUX SOLVENT
			SOLIDUS °F	LIQ- UIDUS °F		
SN 60 QQ-S-571E	Tin 60	Lead 40	361	374	General purpose for connection (applications below 250°F)	Flux: Use Rosin Core Solder QQ-S-571E WRMAP2 Flux Solvent: Aliphatic Naph- tha (TT-N-95) or Trichloroethy- lene (ASTM D4080)

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CLASS AWS ASTM	COMPOSITION PERCENT BY WEIGHT		TEMPERATURE		USAGE	FLUX AND FLUX SOLVENT
			SOLIDUS °F	LIQ- UIDUS °F		
SN 63 (QQ-S-571E) (WRMAP2)	Tin 63	Lead 37	360	360	Special purpose electrical wiring and printed circuits where temperature limitations are critical.	Flux: Use Rosin Core Solder QQ-S-571E WRMAP2 Flux Solvent: Aliphatic Naphtha (TT-N-95) or Trichloroethylene (ASTM D4080)
AG 1.5	Tin 1.0 Silver 1.5	Lead 97.5	588	588	This solder has good joining properties to 350°F. Use electrical connectors and low temperature thermocouples to 350°F copper, brass and steel.	Flux: Type RA and AC Zinc-Chloride Base QQ-S-571E Flux Solvent: Water and Organic Solvent
AG 5.5	Lead 94.5	Silver 5.5	579	689	Good joining properties to 350°F copper, brass and steel.	Flux: Zinc-Chloride Base of Type RA and AC (QQ-S-571E) Flux Solvent: Water and Organic Solvents

ABBREVIATION:

ASTM - American Society for Testing and Materials
 AWS - American Welding Society
 QQ - Federal Specification
 QPL - Qualified Products List
 Kester Solder Division
 Litton Systems, Incorporated
 4201 Wrightwood Avenue
 Chicago, IL 60639

- B. Solvents used for the removal of grease, oil, and other dirt from the parts prior to soldering, as well as flux residues from the joint area after soldering.
- (1) Non-flammable.
 - (a) Tetrachloroethylene (perchloroethylene) electronic grade.
 - (b) Trichloroethylene electronic grade.

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WARNING: TETRACHLOROETHYLENE AND TRICHLOROETHYLENE ARE TOXIC. DO NOT BREATHE VAPORS. USE IN WELL VENTILATED AREA FREE FROM SPARKS, FLAME OR HOT SURFACES. WEAR SPLASH GOGGLES, SOLVENT RESISTANT GLOVES AND OTHER PROTECTIVE GEAR. IN CASE OF EYE CONTACT, FLUSH WITH WATER AND SEEK MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER.

- (2) Flammable.
- (a) Ethyl alcohol, grade 1, class A.
 - (b) Isopropyl alcohol, 99 percent pure.

WARNING: ISOPROPYL ALCOHOL IS TOXIC AND FLAMMABLE. DO NOT BREATHE VAPORS. USE IN WELL VENTILATED AREA FREE FROM SPARKS, FLAME OR HOT SURFACES. WEAR SPLASH GOGGLES, SOLVENT RESISTANT GLOVES, AND OTHER PROTECTIVE GEAR. IN CASE OF EYE CONTACT, FLUSH WITH WATER AND SEEK MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER.

3. Soldering

- A. Strip sufficient insulation from the wire or component leads so that no insulation will touch the solder connection. Insulation clearance is the gap between the insulation and the edge of the terminal or solder cup. Refer to Figure 207. Refer to Table 201 for insulation clearance.

Table 201. Insulation Clearance

WIRE SIZE (AWG) AMERICAN WIRE GAUGE	CLEARANCE	
	MINIMUM	MAXIMUM
Smaller than 20	Visible Clearance	0.06
20 thru 10	0.03	2 Times Diameter of Insulation
8 thru 2	0.03	0.375
1 and Larger	0.03	0.5

- B. Surfaces to be joined by soldering must be free of dust, oil and oxides. Clean surfaces with solvent or wire brush, do not use steel wool.
- C. Pre-tin wires and leads before joining by soldering. Part leads or terminals pretinned by the manufacturer do not require tinning unless corrosion has occurred during storage. Corrosion must be removed and the part pretinned before soldering.
- D. When required, shrink tubing or other insulating sleeving should be installed on wires prior to attachment to terminal. Refer to Figure 205.
- E. Hold the parts to be soldered together in a position to assure proper fit during the soldering operation.
- (1) Wires and component leads should be wrapped around a turret terminal or solder hook, or held, in a manner that will prevent the wire from moving while the solder is cooling. Movement of the wire during cooling will result in a cold solder joint.
 - (2) The wrap of a conductor around a turret terminal should not be less than 90 degrees or more than 270 degrees. Refer to Figure 201

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- F. The soldering iron tip should be clean, smooth and brightly tinned. A cellulose sponge moistened with water provides a good pad for cleaning the tip.
- (1) The soldering iron should be a size that will heat the joint rapidly, but will not damage adjacent areas.
 - (2) The soldering iron tip should be grounded when soldering voltage sensitive components.

CAUTION: THERMAL SHUNTS (HEAT SINKS) SHOULD BE USED TO PREVENT EXCESS HEAT FLOW TO ADJACENT PRESOLDERED JOINTS OR HEAT SENSITIVE PARTS.

- G. Apply the soldering iron tip to the connection in such a manner that soldering temperature will be reached in the minimum time. Refer to Figure 203 and Figure 207 for examples of acceptable and unacceptable solder joints.
- (1) Solder should be applied to the joint when the temperature of the joint will readily melt the solder.
 - (2) Solder should not be applied at the junction of the soldering iron tip and the parts to be joined, nor shall solder be melted on the soldering iron tip and allowed to flow over the parts to be joined.
 - (3) Apply sufficient solder to cover the conductor.
 - (a) A concave fillet should be formed between the center of the conductor and the terminal.
 - (b) The contour of the terminal and the conductor should not be completely obscured by solder. When the conductor is completely covered by solder, or when a solder spike or other excessive amount piles upon the terminal that could touch some adjacent component, the excessive solder must be removed.
 - (c) Wicking of solder in stranded wires should not extend to the insulation.
 - (4) Cold solder joints require reheating and reflowing of the solder.
 - (5) Rosin-base flux residue need not be removed, when required to be removed use appropriate solvent.
 - (6) After the connection has cooled, residue of nonrosin base flux should be completely removed to prevent corrosion.
- H. Thermal shunting should be used on all solder connections where heat flow to adjacent presoldered joints or heat sensitive components could occur. If in doubt, use a heat sink. Refer to Figure 206.
- (1) Thermal shunts (heat sinks) shall preferably be made of copper for good heat conductivity. They should be large enough to give adequate thermal protection, while causing as little interference to soldering as possible.
 - (2) Attach the thermal shunt (heat sink) as close as possible to the joint to be soldered.
 - (3) Several smaller thermal shunts (heat sinks) may be used in place of a large unit and often serve a double purpose of eliminating movement of wire leads preventing cold solder joints.
- I. Pretinning of wires before soldering.
- (1) All portions of stranded wires which come in contact with the area to be soldered can be tinned by dipping the fluxed wire in a solder pot or by use of a soldering iron.
 - (2) The tinning shall extend only far enough onto the wire to take full advantage of the area coming in contact with the connector or solder joint.
 - (3) A thin coating of solder shall be applied to all portions of the conductor wire coming in contact with the solder joint area. The solder shall penetrate to the inner strands of stranded conductors. To permit inspection for nicks or cuts at the point of insulation termination, solder and wicking shall not conceal the individual outer wire strands. A thermal shunt may be used to prevent this occurrence.
 - (4) The distance between the end of the wire insulation and the beginning of the tinned portion shall be no less than 1/2 the outside diameter of wire insulation.
 - (5) Part leads or terminals that are pretinned by the part manufacturer will not require further tinning unless corrosion has occurred during storage. Corrosion products shall be removed by pretinning of the lead or terminal.
 - (6) Parts which are dip-tinned shall be held in the solder container (Pot) until a bright, continuous, tightly adhering coat of solder is formed. The solder pot shall operate at a temperature 20°F to 50°F above the liquidus of the solder alloy used. The molten solder shall be of such volume that the temperature will not be reduced more than 10°F when parts are dipped.

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- J. When soldering components on printed circuit boards, the old component must be removed and the solder cleaned from the holes before installing the new component.
- (1) When lead wires must be bent to install a component, the minimum distance to the start of the bend is two lead wire diameters, but not less than 0.030 inch. Refer to Figure 202.
 - (2) Components with the value stamped on one side, the leads should be bent so the value will be visible when installed; if practical.
 - (3) Component leads on opposite side of printed circuit board may be clinched or extend straight through approximately 0.03 of an inch. Refer to Figure 203.
 - (4) Horizontally mounted ceramic components shall touch the board at least at one point. Maximum clearance of ceramic components is 0.015 inch. Glass components shall not rattle against the board during vibration and shall not touch the board. Maximum clearance of 0.03 inch between glass components and board shall be observed. Refer to Figure 202.
 - (5) For clearance requirements on circuit boards with plated-thru-holes refer to Figure 204.
 - (6) Protect adjacent areas with thermal shunts. Refer to Figure 206 for typical thermal shunts.
 - (7) Solder with low melting point solder.
 - (8) Solder joints shall be free of cracks, fractures and projections. Porosity, voids, and foreign materials in the solder joint shall not exceed 25% of the total area between the lead and the wall of the plated-thru-hole. Solder wetting of the component lead and of the hole wall to the pad must be evident.
- K. Soldering of sleeved or insulated terminals shall be accomplished in the following manner.
- (1) Insulation tubing shall be installed over wires, leads and harnesses prior to their attachment to terminals of relays, connectors, and similar items which are not protected by insulating grommets or potting.
 - (2) Insulation tubing shall be pushed back far enough from the terminal so as not to interfere with the securing and soldering operations.
 - (3) Insulation tubing shall be slipped back, after the solder has solidified and cooled and the joint is cleaned, over the wires and terminals and, where applicable, heat shrunk.
 - (4) After installation, the tubing shall extend above the stripped portion of the attached conductor; a distance equal to or greater than the tubing diameter.
- L. Soldering of solder cup terminals shall be accomplished in the following manner. Refer to Figure 207 for examples of acceptable and unacceptable solder joints.
- (1) The solder cup shall contain a sufficient amount of precut solder to completely fill the cup when solder is melted and the tinned wire inserted into the bottom of the cup.
 - (2) Sufficient heat shall be applied after the cup is filled with solder to assure that the flux has boiled up and out of the bottom of the cup. It is desired that continuous soldering iron contact be maintained throughout the soldering operation.
 - (3) The tinned wire or lead shall not be bent or formed for solder cup termination.
 - (4) All conductors terminating in a solder cup shall bottom in the cup.
 - (5) Insulating clearance shall be maintained, clearance shall be referenced from the point of entry into the cup.
 - (6) The solder shall follow the contour of the cup entry slot and shall not spill over or adhere to the sides of the cup. Connection may be made with either a resistance or conduction type soldering iron. When a conducting type soldering iron is used, the slight tinned effect occurring at the point where the tip contacts the base of the cup is normal and is acceptable provided there are no peaks, globules, or excessive buildup of solder.
 - (7) Excess solder in the form of buildup or overflow on a hollow terminal must not be in excess as to cause a short circuit between pins of other conductors and excess solder cannot interfere with the mechanical function of the terminals.

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4. Component Removal (Solder Removal Technique)

WARNING: XYLENE IS TOXIC. DO NOT BREATHE VAPORS. USE IN WELL VENTILATED AREA FREE FROM SPARKS, FLAME OR HOT SURFACES. WEAR SPLASH GOGGLES, SOLVENT RESISTANT GLOVES AND OTHER PROTECTIVE GEAR. IN CASE OF EYE CONTACT, FLUSH WITH WATER AND SEEK MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER.

- A. Printed circuit board assemblies are coated with an approved silicone resin coating. Before removing a component, carefully soften this coating with xylene or equivalent solvent. Remove resin from component and solder joint with a cleaning pad.
- B. Identify component by reference designation and note its polarity and pin orientation before removing it from board.

NOTE: Time between removal of old component, cleaning and soldering of new component must be kept to a minimum to prevent the formation of metallic oxides on surfaces to be soldered.

- C. Two methods for component solder removal are provided. Select a method based on equipment availability.

(1) Solder Extraction with Continuous Vacuum.

- (a) Select solder extraction tool and tip on the following criteria:
 - 1 Extraction Tool: Furnish adequate heat to melt solder.
 - 2 Tip I.D.: Minimum inside diameter that will fit over lead or pin while allowing sufficient clearance around the lead to permit solder and air to pass through it.
 - 3 Tip O.D.: Maximum outside diameter should not cover the pad completely nor touch the circuit board base material.
- (b) Set tip temperature so as to melt solder in two to three seconds.
- (c) Lightly place solder tip over lead and onto solder connection perpendicular to board or terminal.
- (d) Once solder begins to melt, use the tip to move the lead until it swings freely, indicating full solder melt.
- (e) Continuing to move the lead, start vacuum to remove solder and cool the solder joint. Apply vacuum for one to two seconds.
- (f) Remove the tip then turn off vacuum.

(2) Solder Removal with Solder Wick.

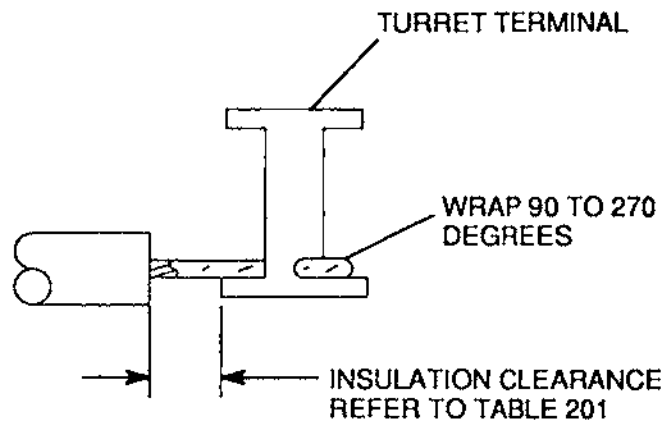
- (a) If component has exposed leads, cut leads and discard damaged components and leads.
- (b) Place a soldering iron equipped with the appropriate tip where lead end passes through board.
- (c) Heat the solder carefully.
- (d) Once solder has softened, extract lead end from board from the side opposite component.
- (e) Place solder wick over location of extracted component lead and heat solder wick with soldering iron.
- (f) Wick remaining solder from lead connection hole in board.
- (g) Repeat this procedure for both sides of lead connection hole.

D. Wire Lead Solder Removal.

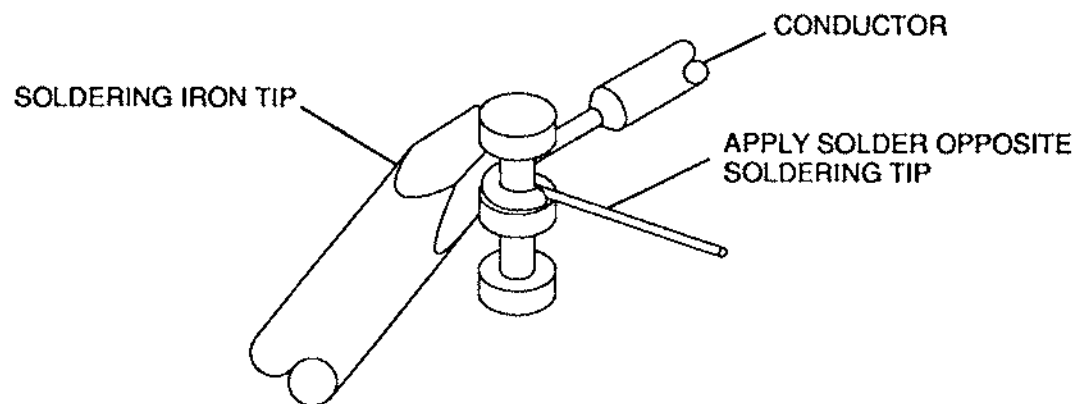
- (1) Using a soldering iron equipped with the appropriate tip, carefully heat the lead to be removed until the solder melts.
- (2) Carefully remove the lead wire so as to alter the shape of the connecting bend as little as possible.
- (3) Place solder wick over location of extracted wire lead. Heat solder wick with soldering iron to remove remaining solder from wire lead.

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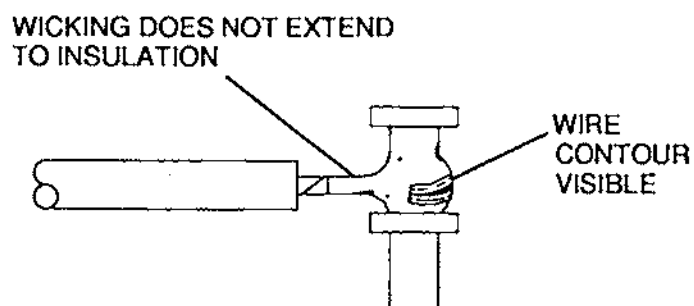
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A. ATTACH WIRE TO TERMINAL



B. SOLDER WIRE



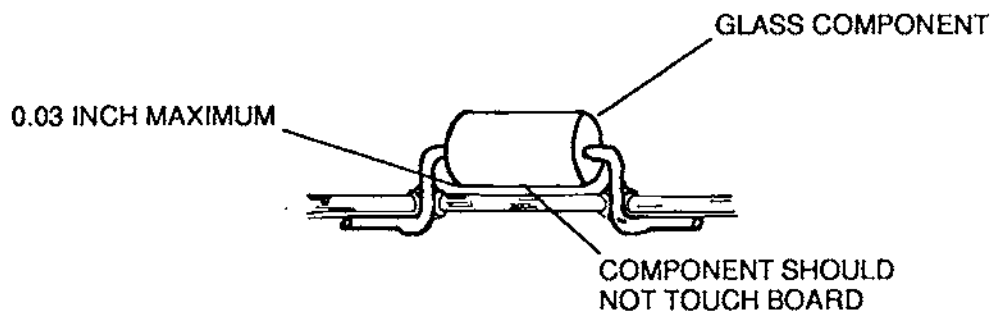
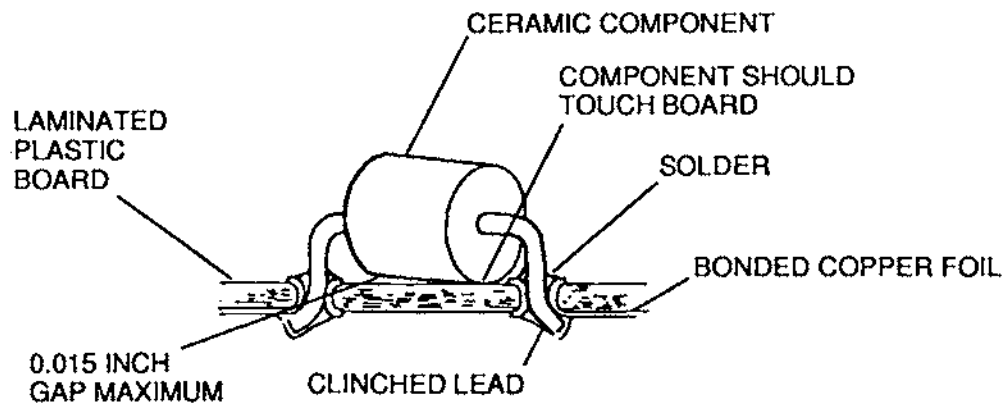
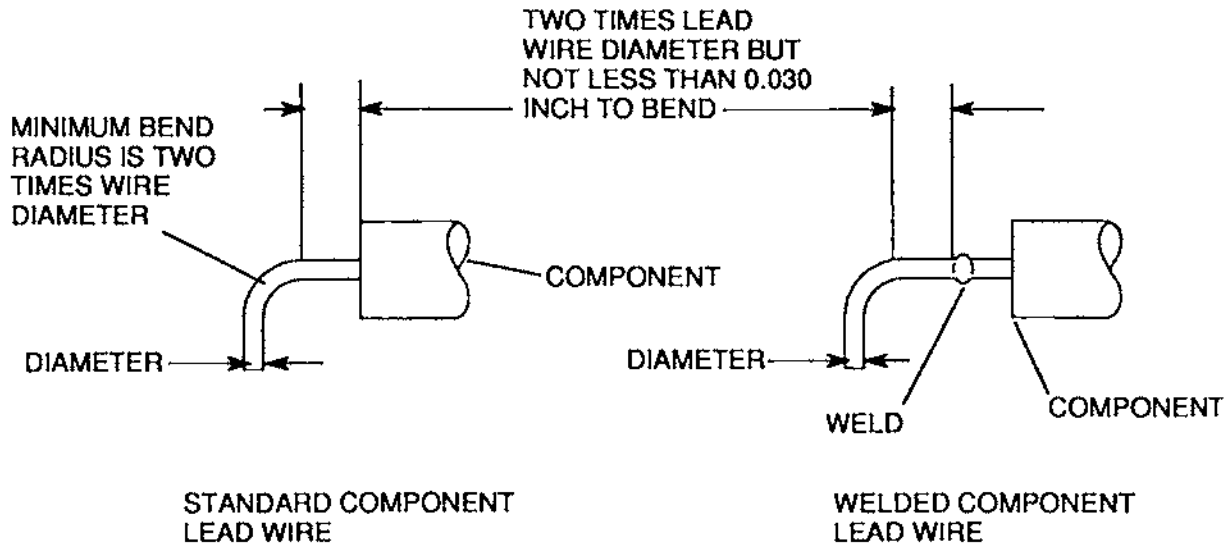
C. COMPLETED JOINT

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Soldering Turret Terminals
Figure 201 (Sheet 1)

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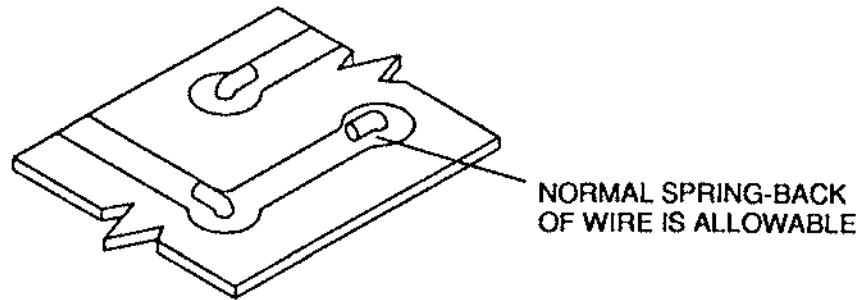


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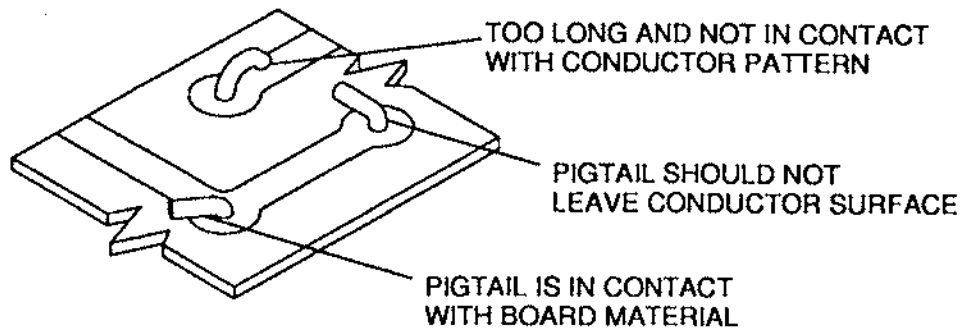
Installing Components on Printed Circuit Boards
 Figure 202 (Sheet 1)

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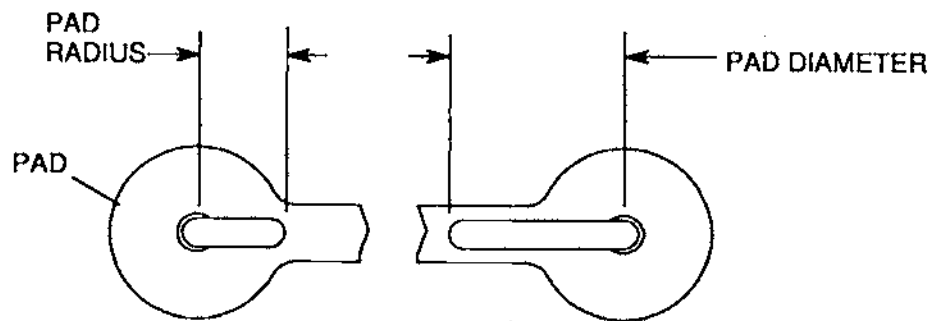
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PREFERRED



NOT ACCEPTABLE



MINIMUM CLINCH LENGTH
EQUAL TO PAD RADIUS

MAXIMUM CLINCH LENGTH
EQUAL TO PAD DIAMETER



PREFERRED



ACCEPTABLE



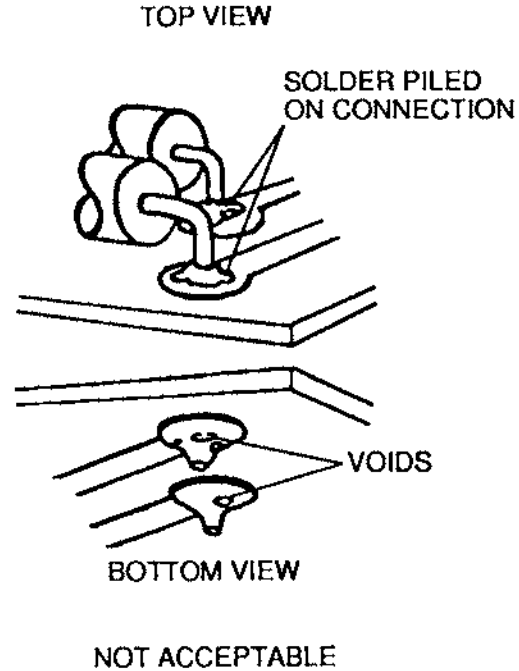
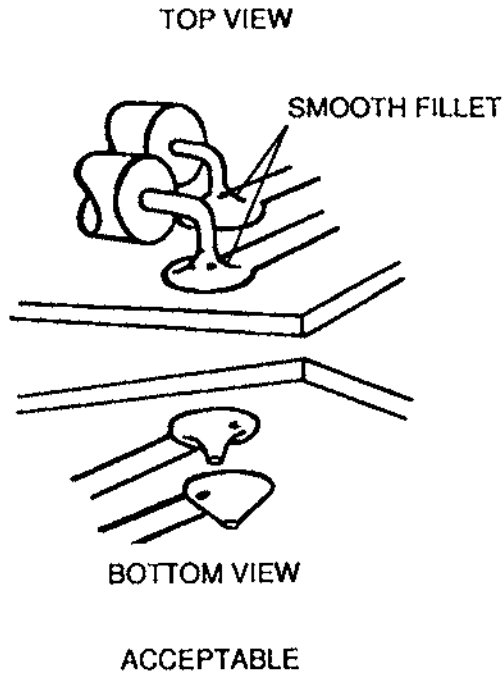
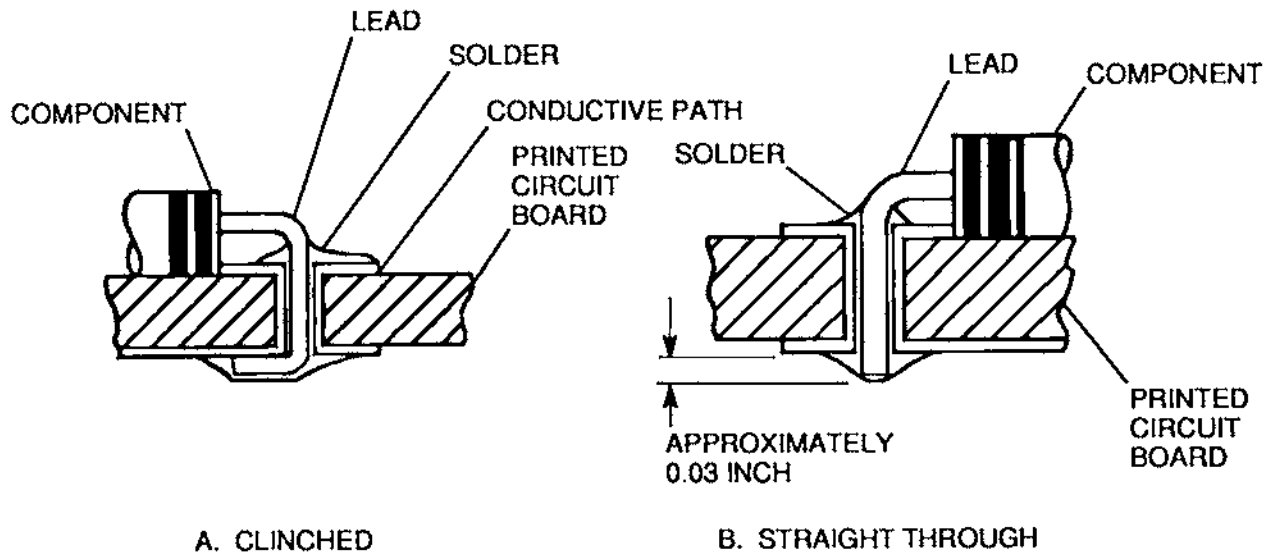
NOT ACCEPTABLE

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Installing Components on Printed Circuit Boards
 Figure 202 (Sheet 2)

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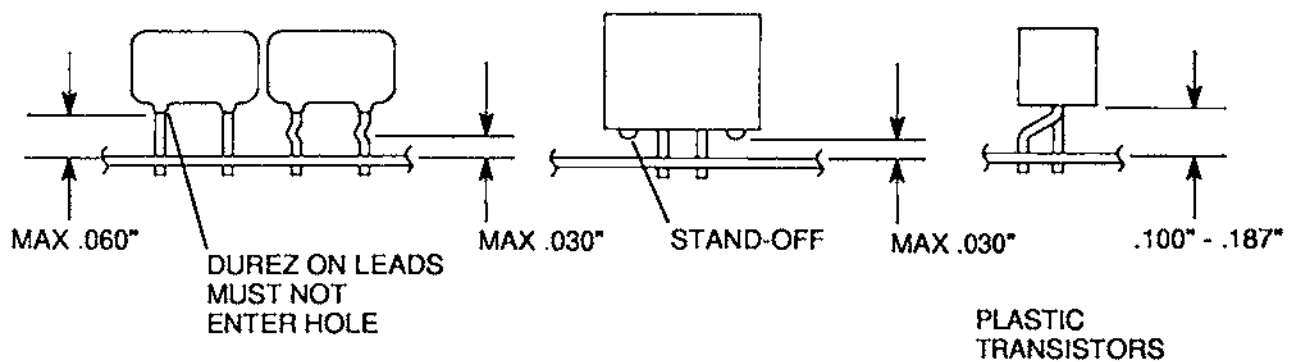
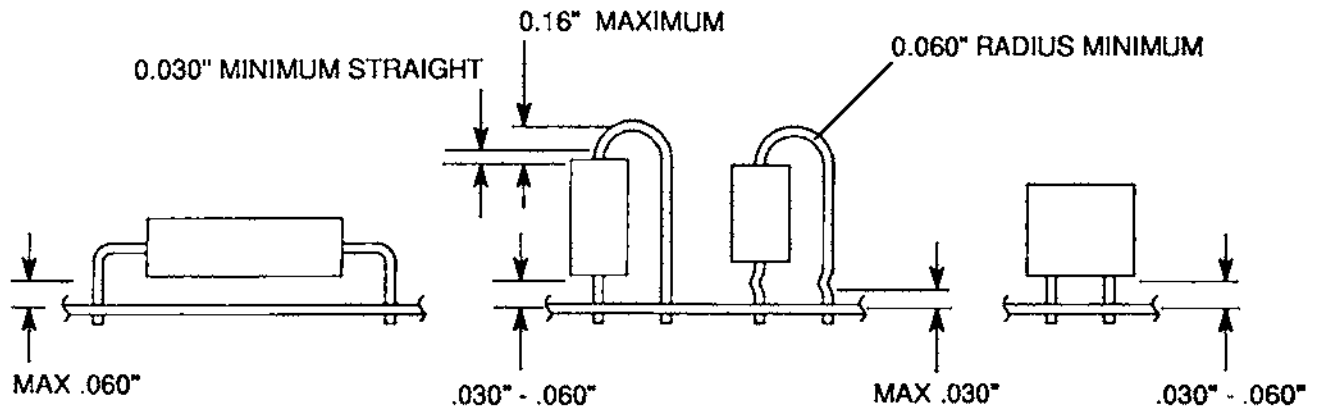


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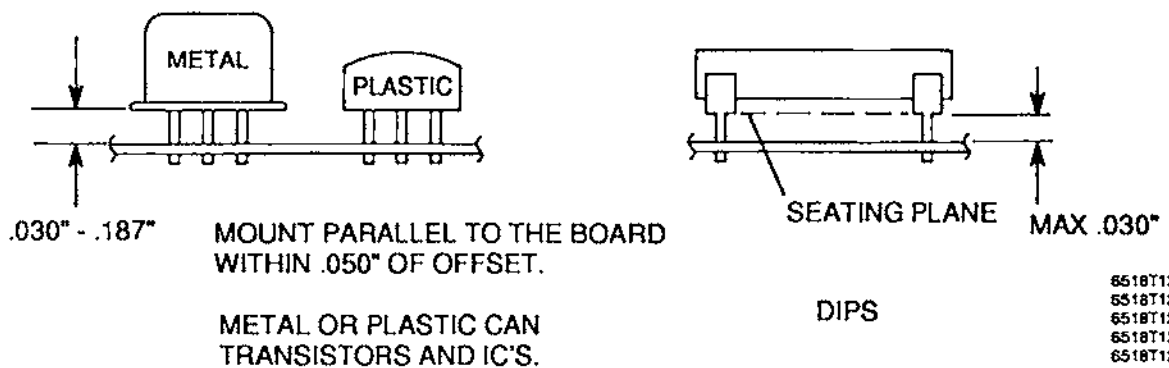
Soldering Printed Circuit Boards
 Figure 203 (Sheet 1)

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NOTE: THE COMPONENTS SHOWN ABOVE SHOULD BE MOUNTED PERPENDICULAR TO THE BOARD WITHIN 15°.

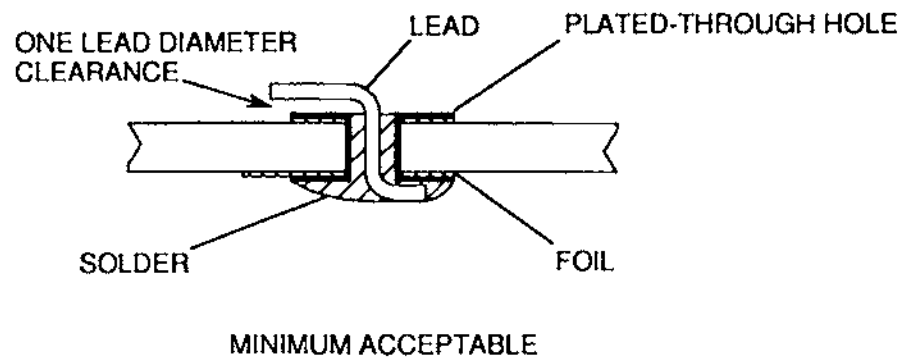
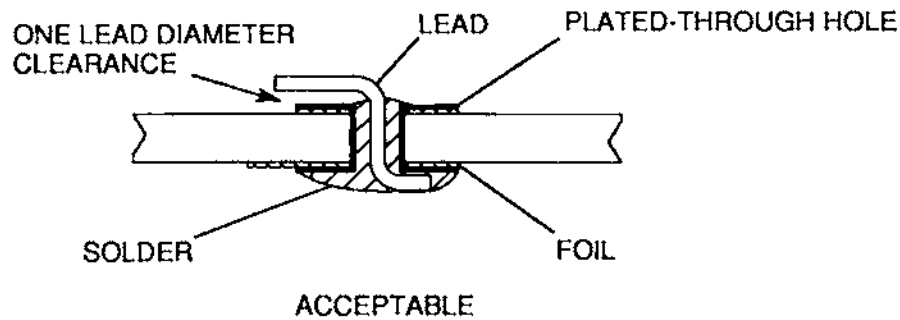
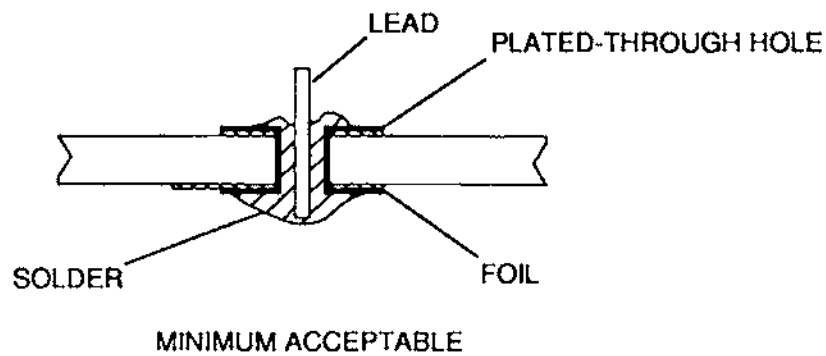
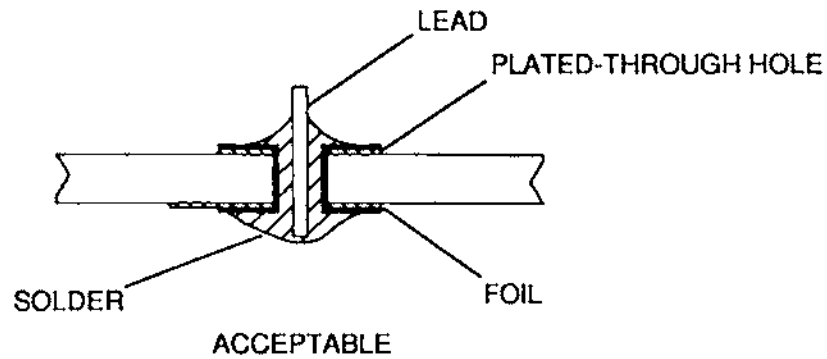


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Soldering Printed Circuit Boards With Plated-Thru-Holes
 Figure 204 (Sheet 1)

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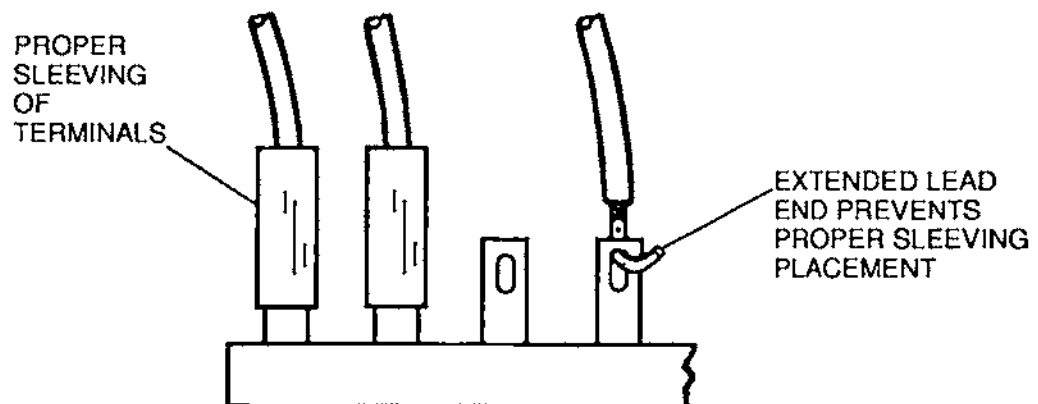


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Soldering Printed Circuit Boards With Plated-Thru-Holes
Figure 204 (Sheet 2)

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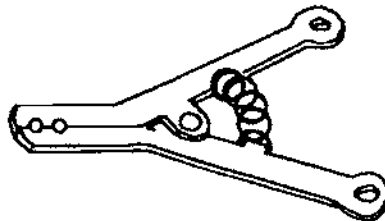
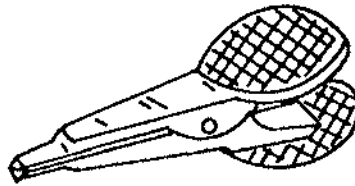


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Soldering and Sleeving of Insulated Terminals
Figure 205 (Sheet 1)

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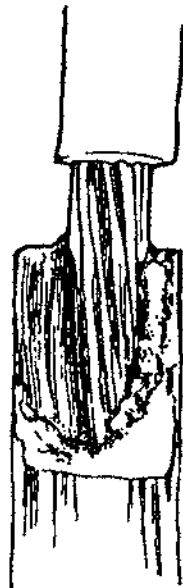
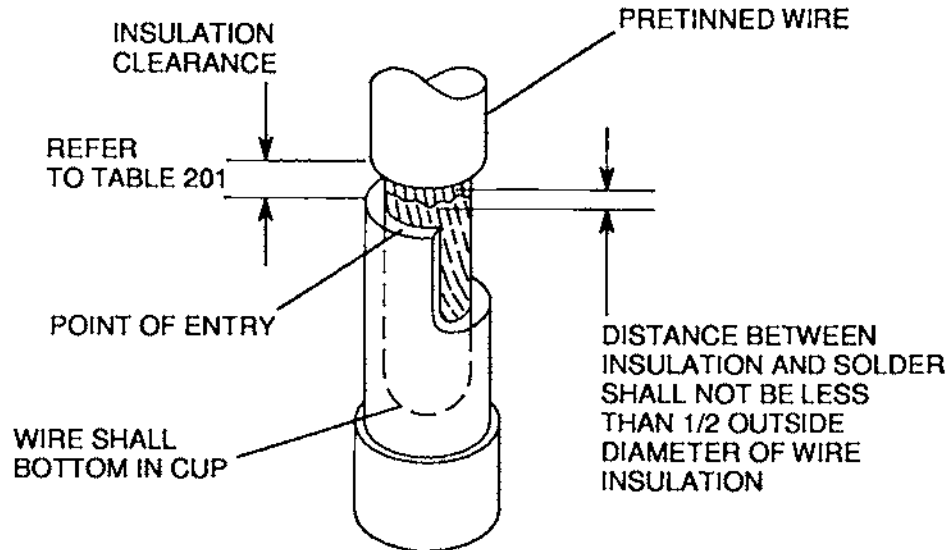


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Typical Thermal Shunts
Figure 206 (Sheet 1)

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DESIRED

1. ONLY SUFFICIENT SOLDER HAS BEEN USED TO FILL THE CUP.
2. CONDUCTOR SHOWS NO SIGN OF WICKING. INDIVIDUAL STRANDS ARE VISIBLE.
3. CONDUCTOR IS CORRECT SIZE FOR CUP APPLICATION.

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Soldering Solder Cup Terminals
Figure 207 (Sheet 1)

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ACCEPTABLE

1. SOLDER HAS WICKED UP TO BUT NOT UNDER THE INSULATION. NO EVIDENCE OF SCORCHING OR ENLARGING OF THE INSULATION.
2. ALL STRANDS ARE WITHIN CUP AND FULLY SEATED.
3. MAXIMUM SOLDER; HOWEVER THE SOLDER DOES NOT EXTEND BEYOND CUP DIAMETER.
4. STRANDS ARE DEFINED BELOW THE TOP SURFACE OF THE CUP.

NOT ACCEPTABLE

1. CONDUCTOR IS TOO BIG FOR CUP APPLICATION.
2. CONNECTION CONTAINS LOOSE STRANDS WHICH HAVE BEEN CUT TO REDUCE SIZE OF CONDUCTOR TO FIT CUP.
3. INSULATION STRIP GAP IS EXCESSIVE.



NOT ACCEPTABLE

1. COLD SOLDER.
2. EXCESSIVE SOLDER OBSCURES STANDS OF WIRE IN THE CUP.
3. WICKING IS EVIDENT BY SOLDER EXTENDING TO AND UNDER INSULATION AS EVIDENCED BY ENLARGED INSULATION.

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Soldering Solder Cup Terminals
Figure 207 (Sheet 2)

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ELECTRICAL CONNECTORS - MAINTENANCE PRACTICES

1. General

- A. Electrical connectors are used to join airplane wire bundles, electronics wiring and antenna cables. This section provides information about contacts and insertion/extraction tools used with connectors. To locate a connector in this section refer to Table 201. For crimp tool and positioner information used with a contact, refer to Table 202.
- B. Electrical connectors may use solder-type or crimp-type contacts.
- C. Some typical tools used with crimp-type connectors are shown in Figure 201. Refer to Figure 205 for typical crimping instructions.

Table 201. Connector Information

03-06-XX		V27264	Refer to Figure 206 03-06 and 06-06 Series Molex Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24 (Gold Plate)	02-06-6103	02-06-5103	11-01-0001	11-03-0009
18-24 (Tin)	02-06-2103	02-06-1103	11-02-0001	11-03-0009
1-480349-0, 1-480351-0		V00779	Refer to Figure 207 AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20	60620-1	60619-1	465644-1	465644-1
18-24	60618-1	60617-1	465644-1	465644-1
22-24	61174-1	61173-1	465644-1	465644-1
1-480424-0, 1-480278-0, 1-480305-0, 1-480318-0		1-480426-0, 1-480275-0, V00779	Refer to Figure 207 AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1
LMD4001X			Refer to Figure 208 LMD4000 Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
22	LMD-4022-36LJ	LMD-4122-96LD	MIL-I-81969/14-02	MIL-I-81969/14-02
M24308/2-X, M24308/4-X			Refer to Figure 209 M24308 Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-20	330-5291-001	031-1007-001	None Required	CET-20-15

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Table 201. Connector Information (continued)

20-24	030-5291-000	031-1007-000	None Required	CET20-11 EXT-20HD
RE04, RE54, RM04, RM54		V11139	Refer to Figure 210 RE/RM Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
16	2841-7-9016	2803-5-0016	M15570-16	M15570-16
18	2841-7-9016	2803-5-0016	M15570-18	M15570-18
20	103300-31	103304	M15570-20	M15570-20
22	2841-5-9000	2803-4-0000	M15570-22	M15570-22
24	2841-5-9000	2803-4-0000	M15570-24	M15570-24
S1637-1, S1637-2			Refer to Figure 207 AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20	60620-1	60619-1	465644-1	465644-1
18-24	60618-1	60617-1	465644-1	465644-1
22-24	61174-1	61173-1	465644-1	465644-1
S1638-1				
AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24 (Bronze)		S1636-1	455830-1	465644-1
S1638-2, S1638-4, S1638-6			Refer to Figure 207 AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1
S1640-12, S1641-12			Refer to Figure 207 AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1

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Table 201. Connector Information (continued)

S1640-6

AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24 (Bronze)	S1635-1		455830-1	465644-1

S1641-6

AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24		S1636-1	455830-1	465644-1

S2035-1

V00779

Refer to Figure 207
AMP Commercial Mate-N-Lock Series
Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24	S1635-1		455830-1	1-305183-2

S2035-2

Refer to Figure 207
AMP Commercial Mate-N-Lock Series
Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1

S3070-11, S3070-12

Refer to Figure 208
LMD4000 Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
20	S3070-7	S3070-8	MIL-I-81969/ 14-01	MIL-I-81969/ 14-01

S3070-9, S3070-10

Refer to Figure 208
LMD4000 Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
22	S3070-5	S3070-6	MIL-I-81969/ 14-02	MIL-I-81969/ 14-02

Table 202. Crimp Tools

Contact	Crimp Tool	Positioner
02-06-1103	11-01-0008	
02-06-2103	11-01-0008	
02-06-5103	11-01-0008	
02-06-6103	11-01-0008	
030-5291-000	M22520/2-01	M22520/2-08

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Table 202. Crimp Tools (continued)

Contact	Crimp Tool	Positioner
M39029/57-354	M22520/2-01	M22520/2-06
M39029/57-357	M22520/1-01	M22520/1-04
M39029/58-360	M22520/2-01	M22520/2-08
M39029/58-360	MS3191-A	P20-3191-1
M39029/58-363	M22520/1-01	M22520/1-04
S1635-1	90123-2	
S1636-1	90123-2	
S2099-4	90066	
S3070-5	M22520/2-01	
S3070-6	M22520/2-01	M22520/2-07

- D. All environmentally sealed type connectors will have all empty cavities filled with unwired contacts (pins and sockets) and sealing plugs.

2. Assembling MS3106 Series Connectors

A. Inserting Contacts. Refer to Figure 202.

- (1) Disassemble connector.
- (2) Slide clamping ring and compression sleeve on to wire bundle.
- (3) Feed wires through sealing grommet and rear insert.
- (4) Lock retaining ring into proper position by slipping silicone bushing toward receptacle or pin end of contact.

NOTE: Locking the retaining ring may be accomplished after crimping has been completed.

- (5) Strip insulation from wire ends.
- (6) Crimp contacts on to wires.
- (7) Install contacts in front insert.
- (8) After all contacts are properly positioned in front insert, slide rear insert over rear end of contacts until rear insert butts against forward insert.
- (9) Align keyway and install assembled inserts into connector shell.
- (10) Slide sealing grommet forward until grommet butts against rear insert.
- (11) Slide compression sleeve and clamping nut forward until clamping nut engages threads on connector shell. Make certain packing in clamping nut is seated properly.
- (12) Tighten clamping nut finger tight plus quarter turn.

NOTE: A strap wrench or a padded wrench may be used to tighten the clamping nut the additional quarter turn.

3. Assembling DBA-Type Connectors

NOTE: This is typical for all connectors with the contacts installed and removed from the rear.

A. Installing Contacts. Refer to Figure 203 and Figure 204.

- (1) Strip insulation from wire ends. For number 12 to number 20 contacts, strip 1/4 to 5/16 inch. For number 20 contacts, strip 5/32 to 7/32 inch.
- (2) Insert wire into contact until wire strands are visible in inspection hole.
- (3) Crimp contact with proper crimping tool.

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- D. All environmentally sealed type connectors will have all empty cavities filled with unwired contacts (pins and sockets) and sealing plugs.

2. Assembling MS3106 Series Connectors

A. Inserting Contacts. Refer to Figure 202.

- (1) Disassemble connector.
- (2) Slide clamping ring and compression sleeve on to wire bundle.
- (3) Feed wires through sealing grommet and rear insert.
- (4) Lock retaining ring into proper position by slipping silicone bushing toward receptacle or pin end of contact.

NOTE: Locking the retaining ring may be accomplished after crimping has been completed.

- (5) Strip insulation from wire ends.
- (6) Crimp contacts on to wires.
- (7) Install contacts in front insert.
- (8) After all contacts are properly positioned in front insert, slide rear insert over rear end of contacts until rear insert butts against forward insert.
- (9) Align keyway and install assembled inserts into connector shell.
- (10) Slide sealing grommet forward until grommet butts against rear insert.
- (11) Slide compression sleeve and clamping nut forward until clamping nut engages threads on connector shell. Make certain packing in clamping nut is seated properly.
- (12) Tighten clamping nut finger tight plus quarter turn.

NOTE: A strap wrench or a padded wrench may be used to tighten the clamping nut the additional quarter turn.

3. Assembling DBA-Type Connectors

NOTE: This is typical for all connectors with the contacts installed and removed from the rear.

A. Installing Contacts. Refer to Figure 203 and Figure 204.

- (1) Strip insulation from wire ends. For number 12 to number 20 contacts, strip 1/4 to 5/16 inch. For number 20 contacts, strip 5/32 to 7/32 inch.
- (2) Insert wire into contact until wire strands are visible in inspection hole.
- (3) Crimp contact with proper crimping tool.

B. Removing Contacts.

NOTE: For all crimp-type connectors, all unused wire cavities must be filled with plastic wire hole fillers designed for the type of connector being used.

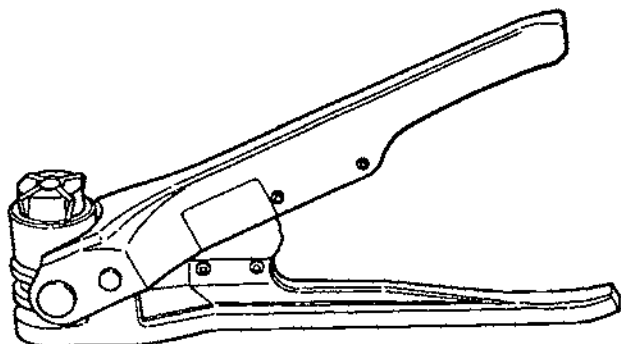
- (1) With the rear insert toward you, snap the white end of appropriate size insertion/removal tool over the wire of the contact to be removed.
- (2) Slowly slide the tool along the wire into the insert cavity until it engages the contact shoulder and a positive resistance is felt. At this time, the contact retaining clip is in the unlock position.
- (3) Press the wire against the serrations of the tool and pull both tool and contact-wire assembly from the connector.

C. Inserting Contacts.

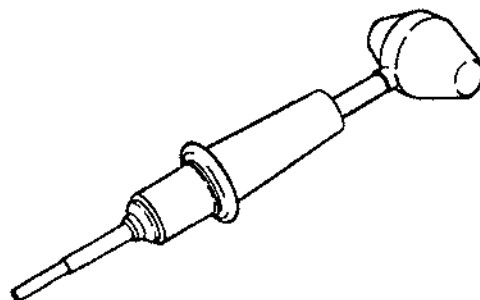
- (1) Snap the wire into the appropriate insertion/removal tool.
- (2) Pull the wire back through the tool until the tip of the tool seats against the back of the wire contact.
- (3) Holding the connector with the backshell removed, slowly push the contact straight into the connector insert.
- (4) A firm stop will be evident when the contact positively seats, then let go of the wire and pull out the tool.

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

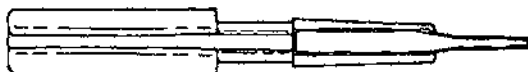
A4004



DEUTSCH
M15500-x-7
CONTACT CRIMPING TOOL



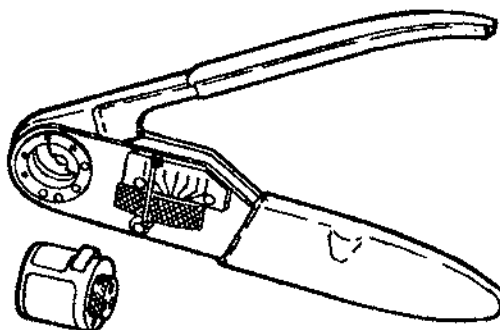
DEUTSCH
M15515-20
EXTRACTION TOOL



DEUTSCH
M15513-20
INSERTION TOOL



DEUTSCH
M15570-20
INSERTION / REMOVAL TOOL



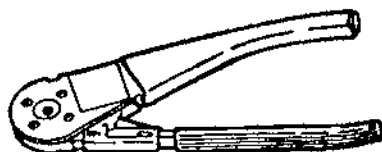
MS3191-3
MS3191-4
WITH MS3191-3T

55981015
55801010
55801010
55981014
55802009

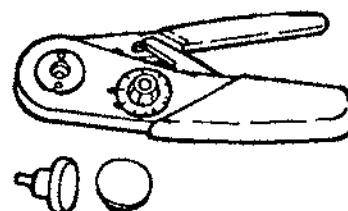
Typical Tools for Crimp-Type Connectors
Figure 201 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

A3978



MS3191-1



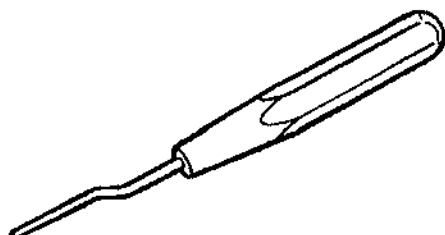
MS3198-1



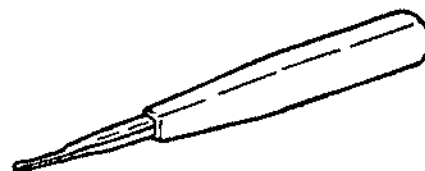
MS27495A20
 INSERTION TOOL



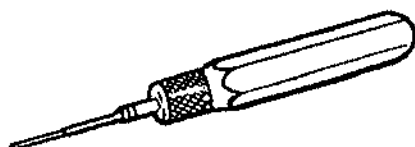
MS27495R20
 EXTRACTION TOOL



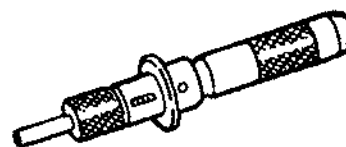
CANNON
 CIT-20-18



MS24256A20



CANNON
 CET-20-4



MS24256R20

55802009
 55802009
 55802009
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 55802009
 55802009
 55802009

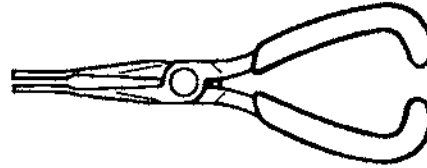
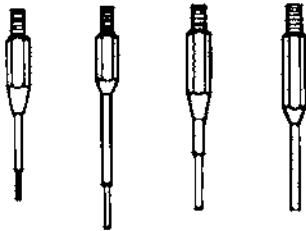
Typical Tools for Crimp-Type Connectors
 Figure 201 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

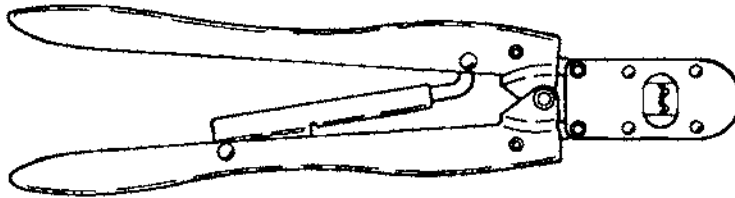
A3882



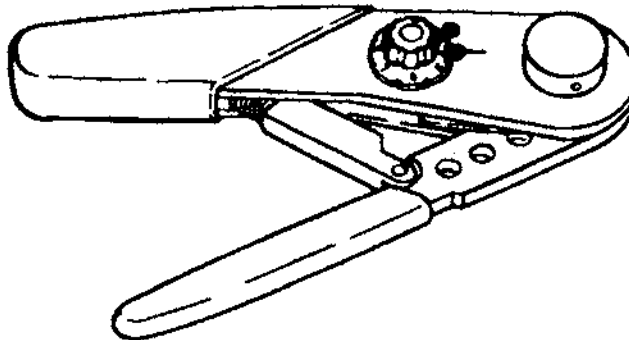
BENDIX
11-3697
11-3698
11-6783
11-6784
EXTRACTION TOOLS



BENDIX
11-8794-20
INSERTION TOOL



AMP
90066



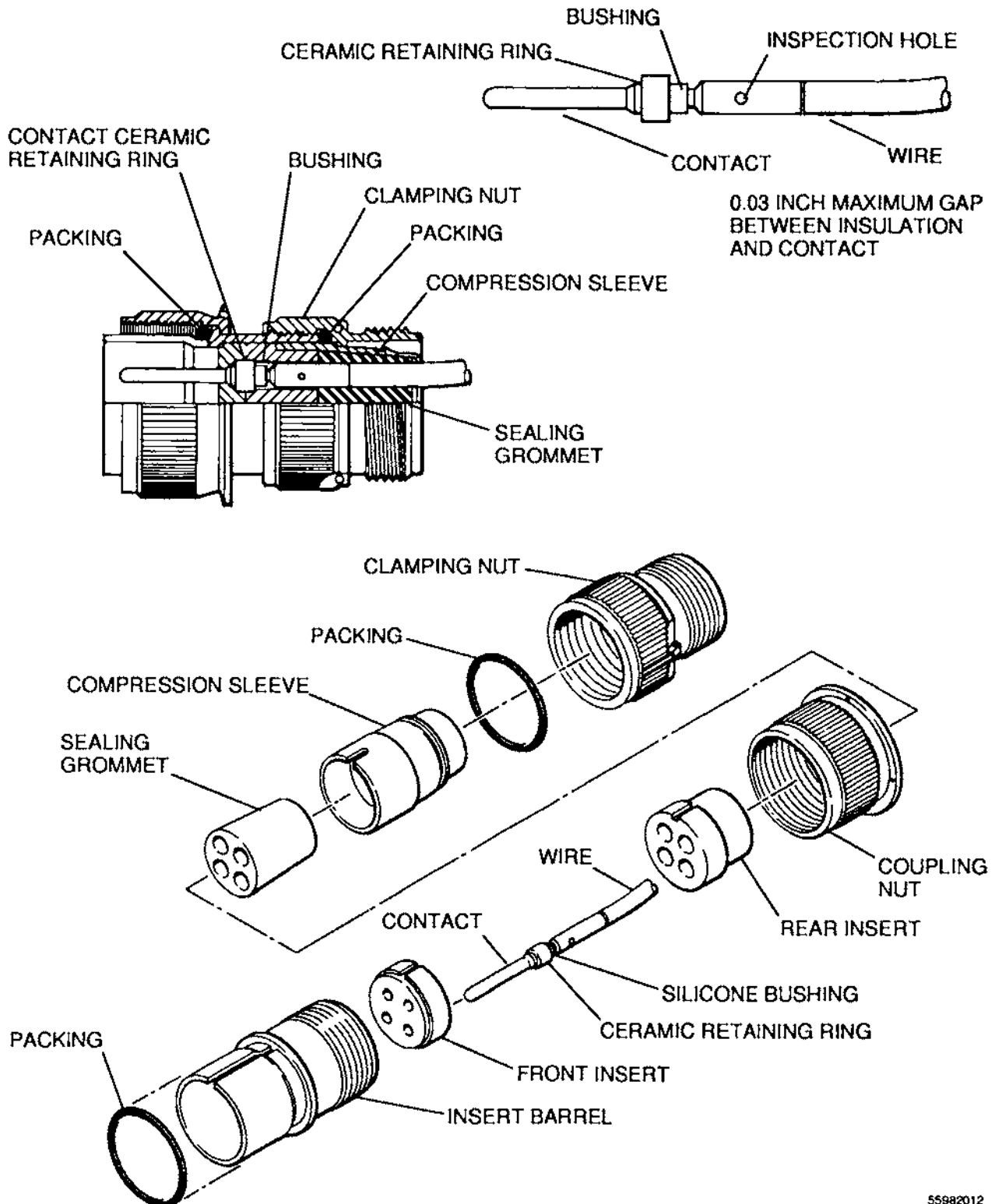
DANIELS
MH800-K127

55801010
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55801010
55801011
55802008

Typical Tools for Crimp-Type Connectors
Figure 201 (Sheet 3)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

A3984

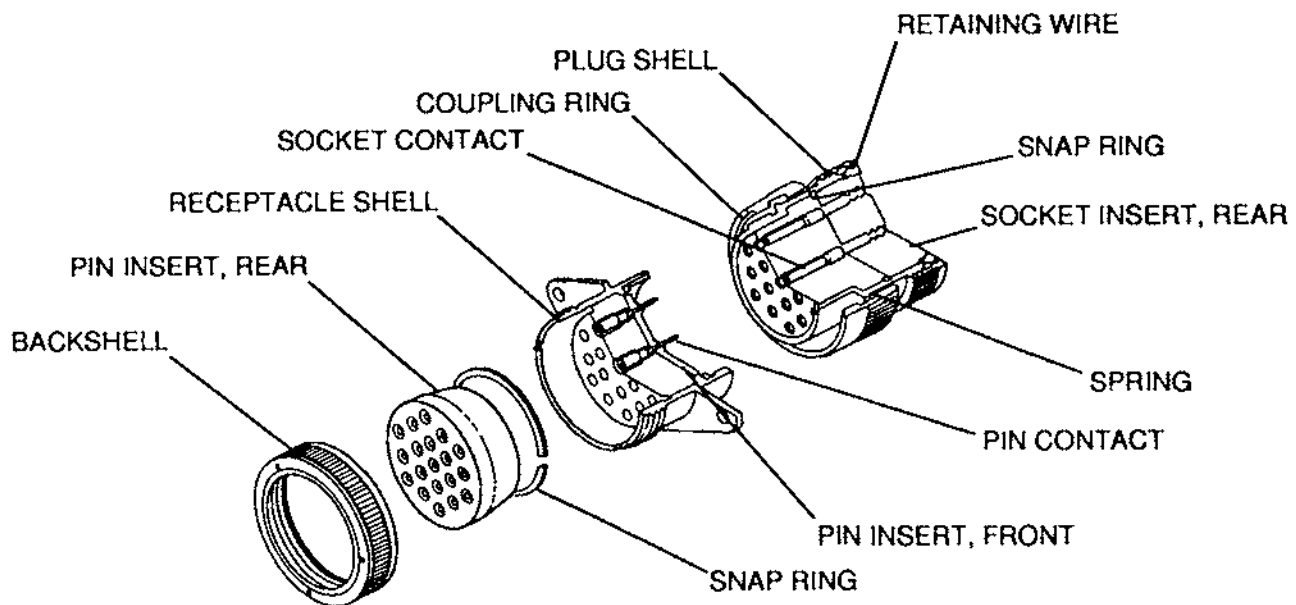


55982012
 55982012
 55982012

Solder-Type Connectors
 Figure 202 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

A3988



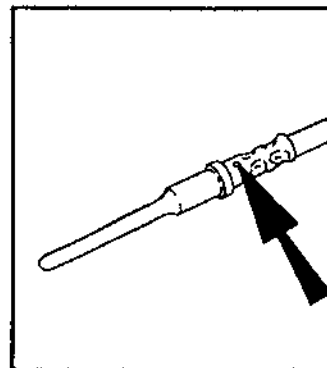
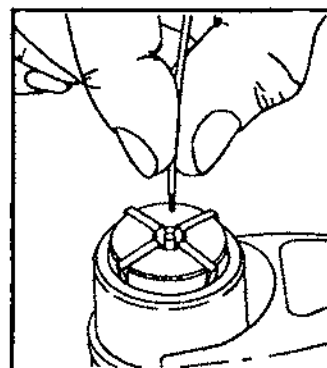
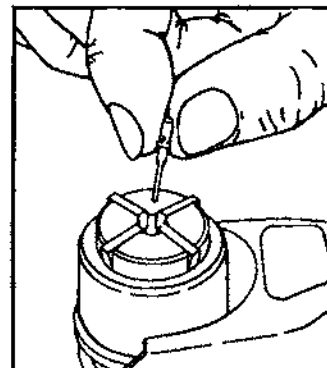
55981016

Crimp-Type Connector Assembly
Figure 203 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

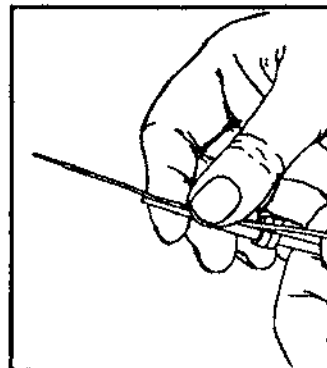
A3990

1. Drop either the pin or socket contact to be crimped into the crimping tool with the contact crimp barrel facing up. This tool features a universal crimp stop which is interchangeable with pins and sockets.
2. Insert the bare wire into the open end of the contact and squeeze the crimp tool. (The crimp tool will only release the contact when the full-crimping cycle has been performed.) Remove the crimped contact from the tool.
3. Visibility of the wire in the contact inspection hole (arrow) indicates that the wire is crimped into the contact at the proper depth and dimension.



TO INSERT

1. Hold the colored half of the appropriate insertion/removal tool between the thumb and forefinger and lay the wire to be inserted along the slot leaving about 0.50 inch of wire protruding. Then snap the wire into the tool. (Size 8 contacts do not require a tool.)



55802010

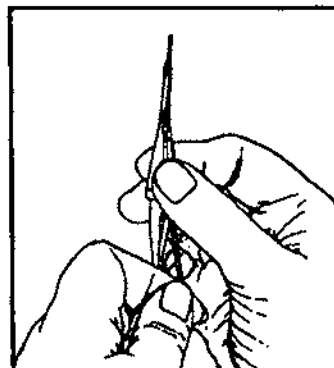
Typical Removal and Installation of Rear-Release Contacts
Figure 204 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

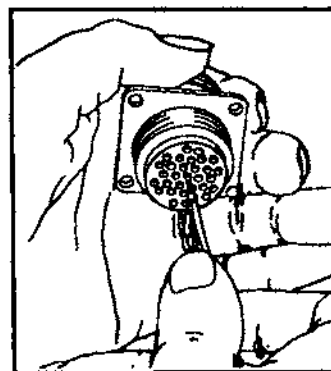
A3906

TO INSERT (Continued)

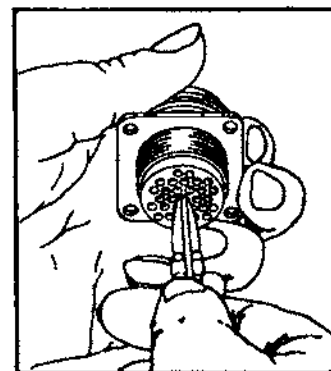
2. Pull the wire back through the tool until the tip of the tool seats against the shoulder.



3. Holding the connector with the backshell removed and the rear insert facing you, slowly push the contact straight into the connector insert.

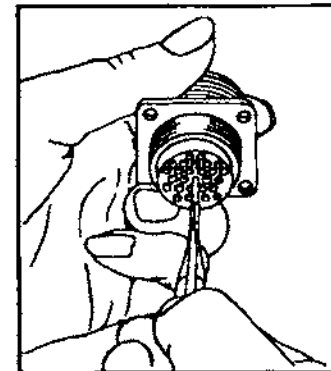


4. A firm stop will be evident when the contact positively seats in the connector insert. Then let go of the wire and pull out the tool.



TO REMOVE

1. With the rear insert toward you, snap the white end of the appropriate size double-ended plastic tool over the wire of the contact to be removed.



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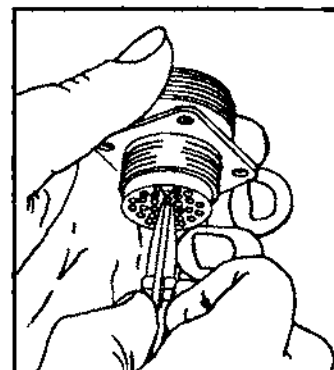
Typical Removal and Installation of Rear-Release Contacts
Figure 204 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

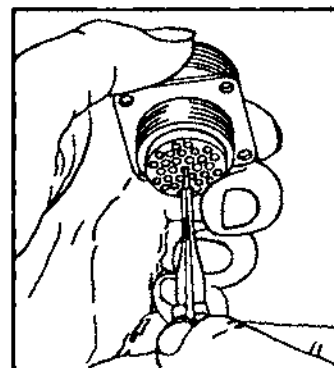
A4000

TO REMOVE (Continued)

2. Slowly slide the tool along the wire into the insert cavity until it engages the contact rear and a positive resistance is felt. At this time, the contact retaining clip is in the unlock position.

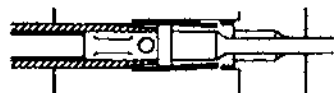


3. Press the wire of the contact to be removed against the serrations of the plastic tool and pull both the tool and the contact wire assembly out of the connector.

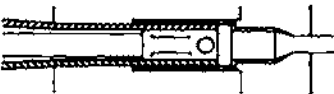


CONTACT INSERTION

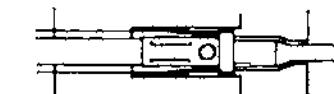
Contact partially inserted with insertion end of tool.



Contact fully inserted as tool expands tines.



Tines snap behind contact shoulder when tool is removed.

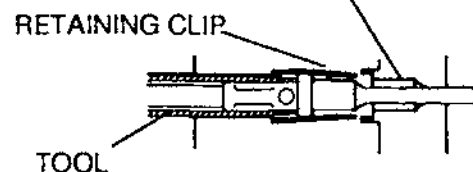


CONTACT EXTRACTION

Tines expanded beyond contact shoulder with extraction end of tool, ready for release.



Contact partially removed.



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 55801012
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Typical Removal and Installation of Rear-Release Contacts
 Figure 204 (Sheet 3)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

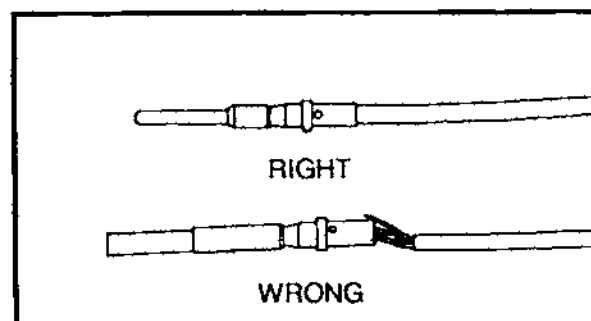
A4010

CRIMPING CONTACTS

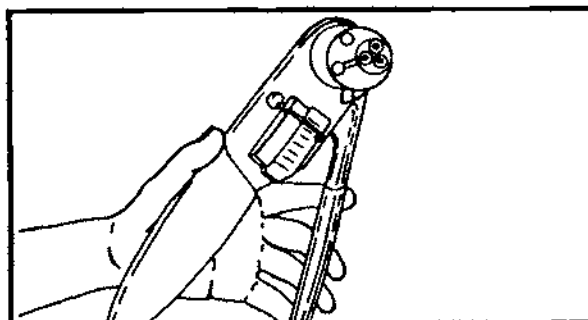
1. Strip wires according to the table, taking care not to cut or nick strands.

Contact Size	Wire Size AWG	Strip Insulation
20	Number 20 - 24	0.18
16	Number 16 - 20	0.25

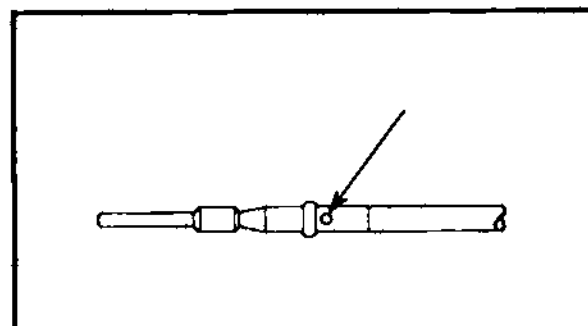
2. Insert stripped wire into contact crimp pot. Wire must be visible through inspection hole



3. Using correct crimp tool and locator, cycle the tool once to be sure the indentors are open. Insert contact and wire into locator. Squeeze tool handles firmly and completely to ensure a proper crimp. The tool will not release unless the crimp indentors in the tool head have been fully actuated.



4. Release crimped contact and wire from tool. Be certain the wire is visible through inspection hole in contact.



55801008
 55801009

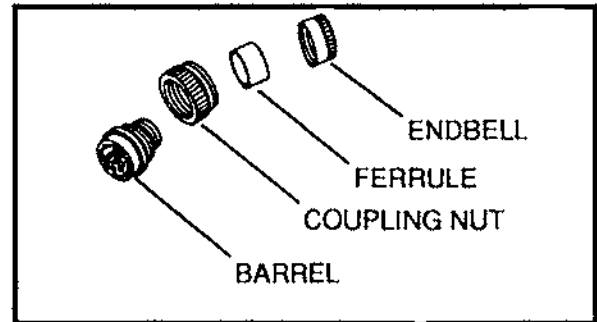
Typical Removal and Installation of Front-Release Contacts
 Figure 205 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

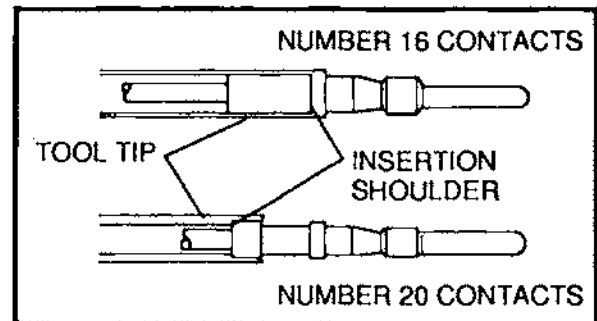
A4018

CONTACT INSERTION

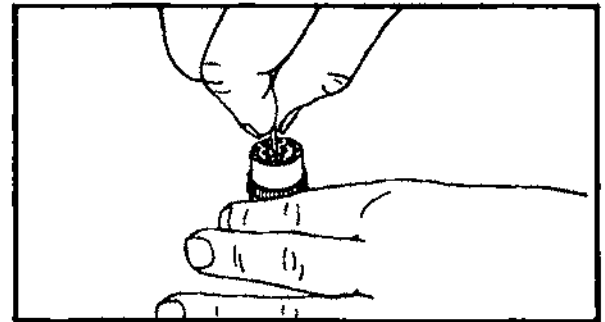
5. Remove hardware from plug and receptacle. Slide hardware over wire bundle in proper order for reassembly.



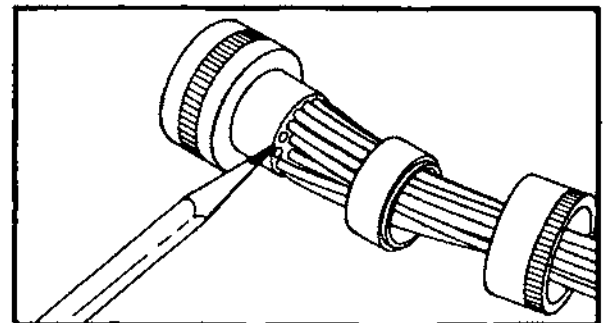
6. Use the proper contact insertion tool, and slide the tool over the terminal end of the contact. The size 16 contact lies in the tool and the tool tip butts against the contact shoulder. The rear, or insulation support of the size 20 contact butts against an internal shoulder in the tool tip.



7. Beginning from center cavity and working outward, insert wired contacts into rear of connector by hand until the front of the contact shoulder is no more than 0.12 inch from the grommet. Holding the connector securely, position tool behind contact. Push tool straight into contact cavity until contact snaps into position. A light pull on the wire will assure that contact is locked securely. Repeat for remaining contacts.



8. Use wire hole fillers or grommet sealing plugs to fill any empty cavities and assemble hardware to rear of plug or receptacle.



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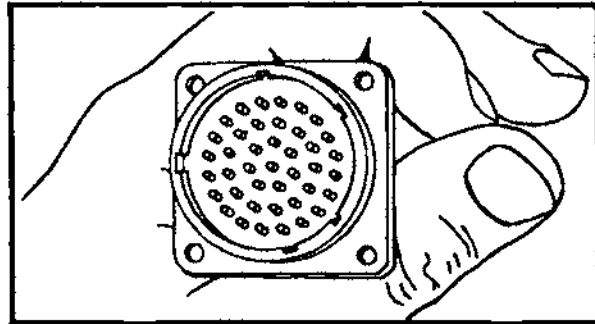
Typical Removal and Installation of Front-Release Contacts
Figure 205 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

A4021

COMPLETION

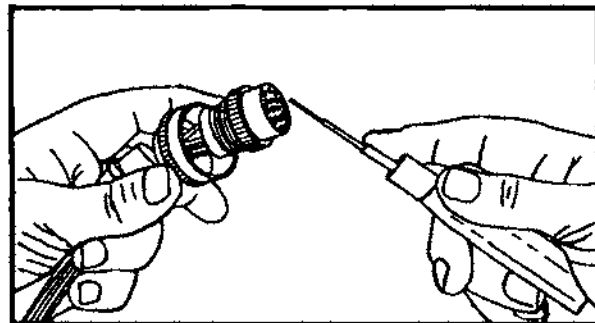
9. Check face of plug or receptacle for proper contact installation.



CONTACT EXTRACTION

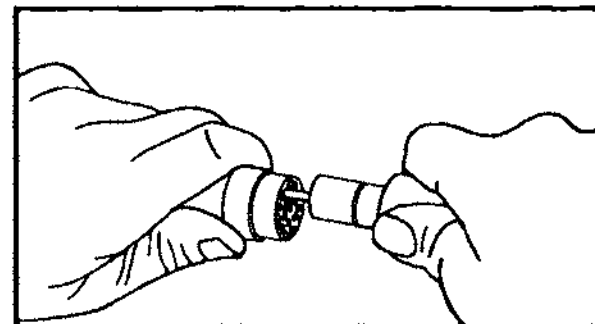
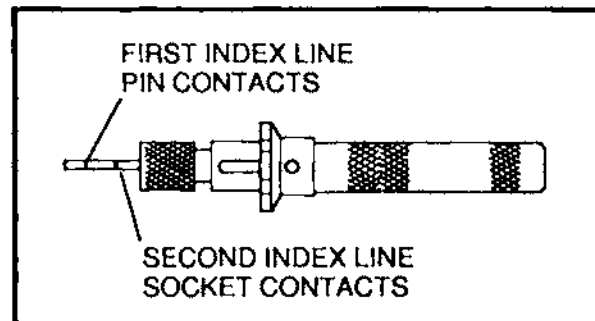
10. Slide hardware back over wire bundle. Using proper extraction tool or extraction end of proper insertion/extraction tool, proceed as follows:

KPTM: Make sure reversible tool tip is set for pin or socket contacts. Place tool tip over contact from front of insulator and, with slow and even pressure, push contact out of back of insulator.



MS3126F-xx-xxx: Use the proper extraction tool. There are two lines on the clip sleeve which are vital to the contact removal process. The first index line is used for removing pin contacts while the second index line is for removing socket contacts.

Carefully place the tool over the contact to be extracted until the tool tip touches the insulator face. Carefully rotate the tool until the index line is slightly below the insulator face. Keep an even pressure against tool body; push plunger forward with thumb and index finger, and push the contact out through the clip. Carefully remove extraction tool from connector. Pull the wire by hand to complete the removal of the contact.

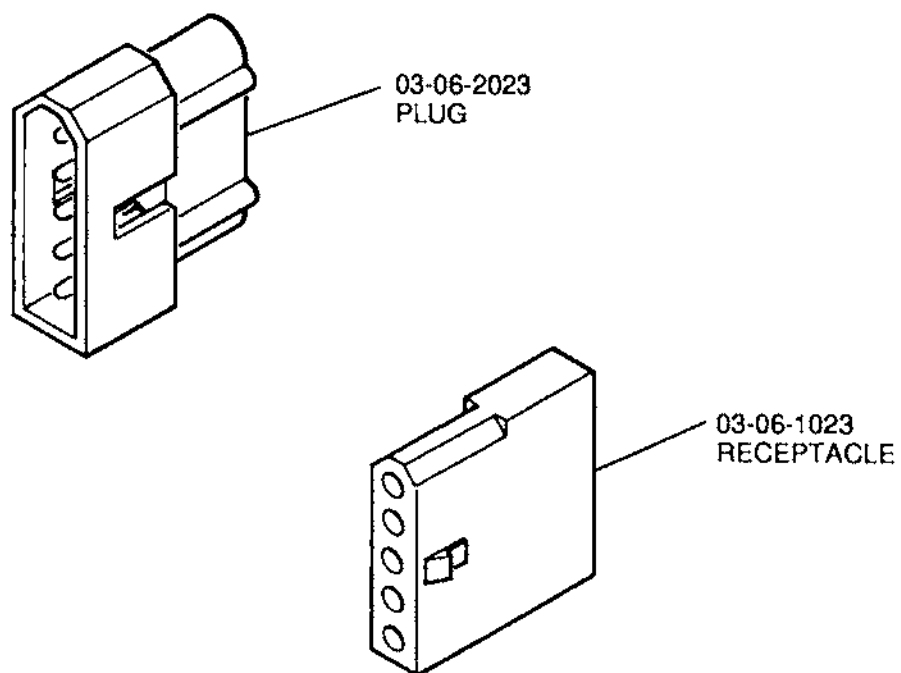


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55801008

Typical Removal and Installation of Front-Release Contacts
Figure 205 (Sheet 3)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

A4017

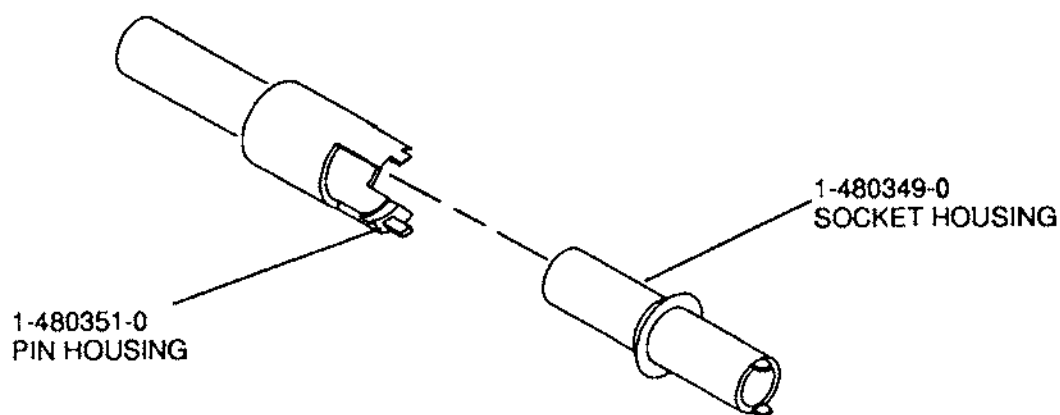


65181162

03-06 and 06-06 Series MoLEX Connectors
Figure 206 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

A4013



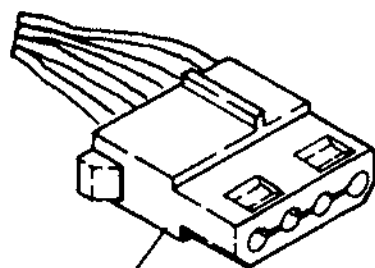
CESSNA PART NUMBER S1637-1 (VENDOR PART NUMBER 1-480351-0)
CESSNA PART NUMBER S1637-2 (VENDOR PART NUMBER 1-480349-0)

1-480351-0
1-480349-0

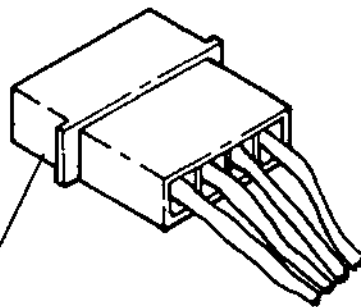
AMP Commercial Mate-N-Lock Series Connectors
Figure 207 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

A3986



1-480303-0
(3 CONTACT, SIMILAR)
1-480424-0
(4 CONTACT, SHOWN)
1-480275-0
(12 CONTACT, SIMILAR)
SOCKET HOUSING
(PLUG)



1-480305-0
(3 CONTACT, SIMILAR)
1-480426-0
(4 CONTACT, SHOWN)
1-480278-0
(12 CONTACT, SIMILAR)
PIN HOUSING
(CAP)

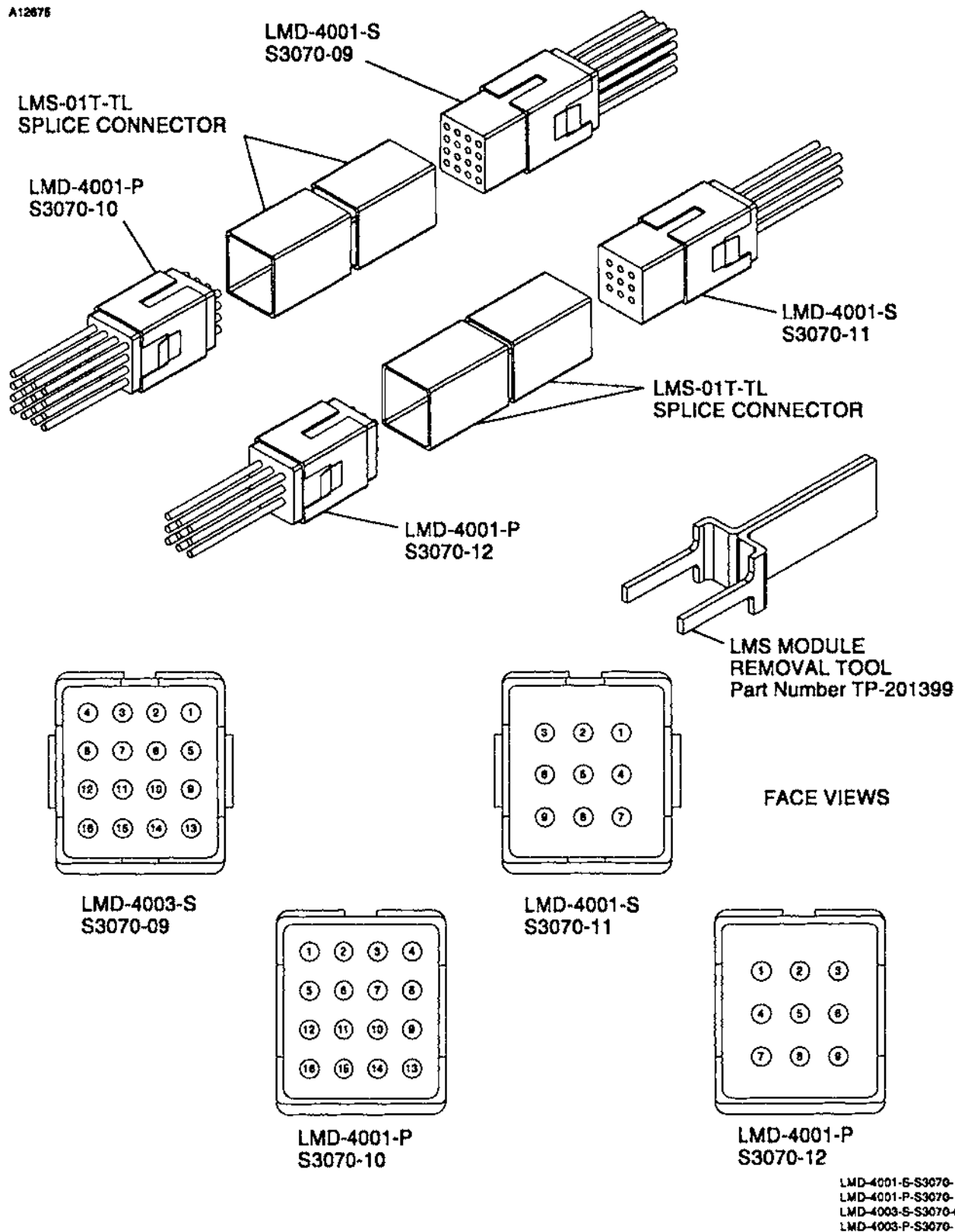
CESSNA PART NUMBER S1638-1 (Vendor Part Number 1-480303-0)
CESSNA PART NUMBER S1638-2 (Vendor Part Number 1-480305-0)
CESSNA PART NUMBER S1638-4 (Vendor Part Number 1-480426-0)
CESSNA PART NUMBER S1638-6 (Vendor Part Number 1-480424-0)
CESSNA PART NUMBER S1640-12 (Vendor Part Number 1-480278-0)
CESSNA PART NUMBER S1641-12 (Vendor Part Number 1-480275-0)

60181026

AMP Commercial Mate-N-Lock Series Connectors
Figure 207 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

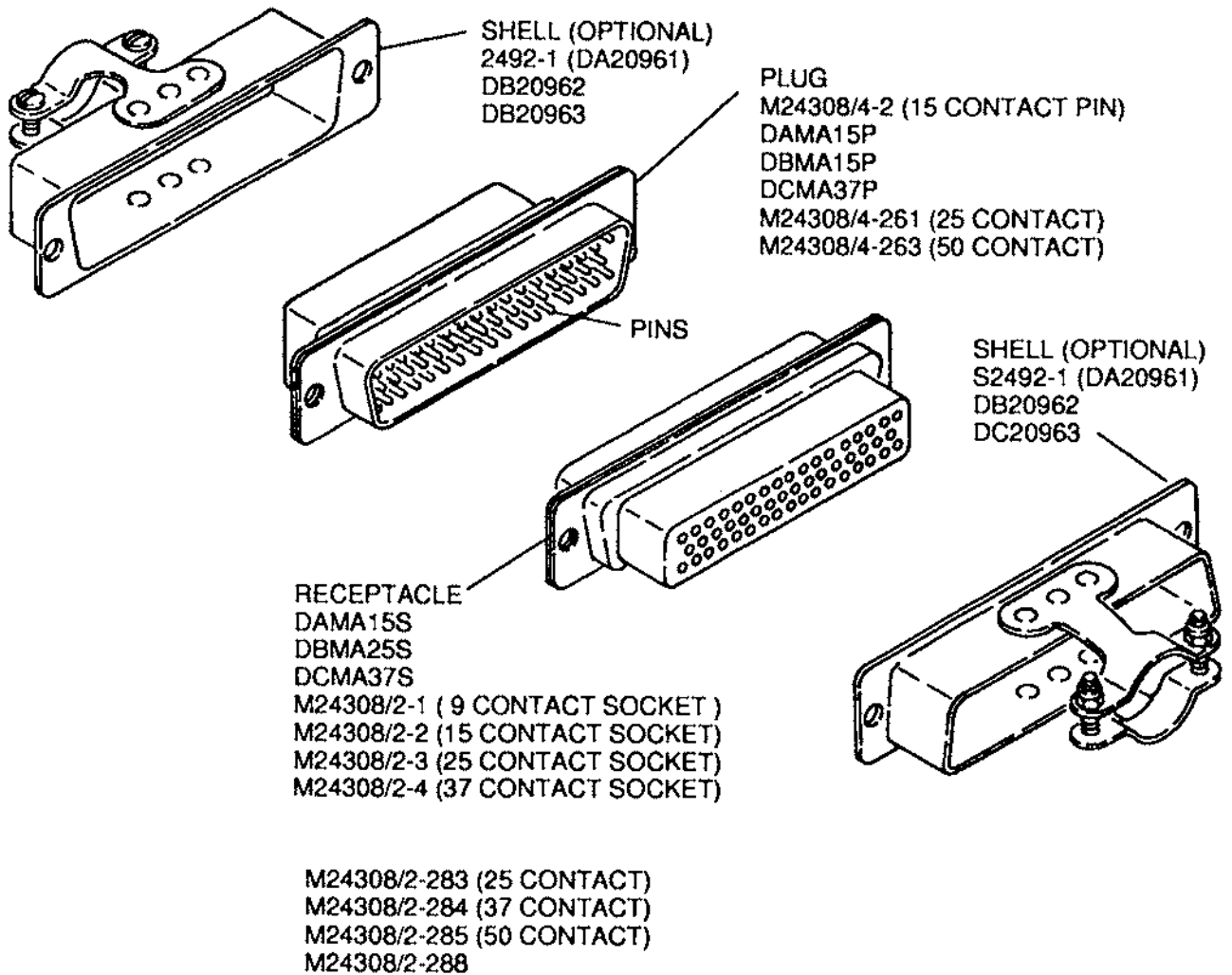
A12875



LMD4000 Series Connectors
 Figure 208 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

A12666



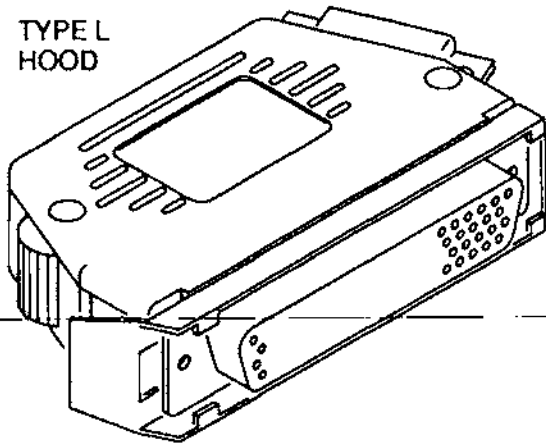
65181020

M24308 Series Connectors
 Figure 209 (Sheet 1)

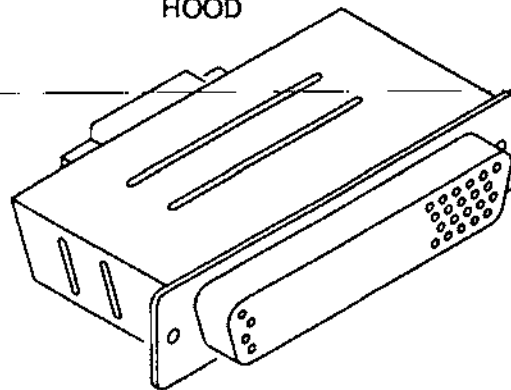
CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

A25487

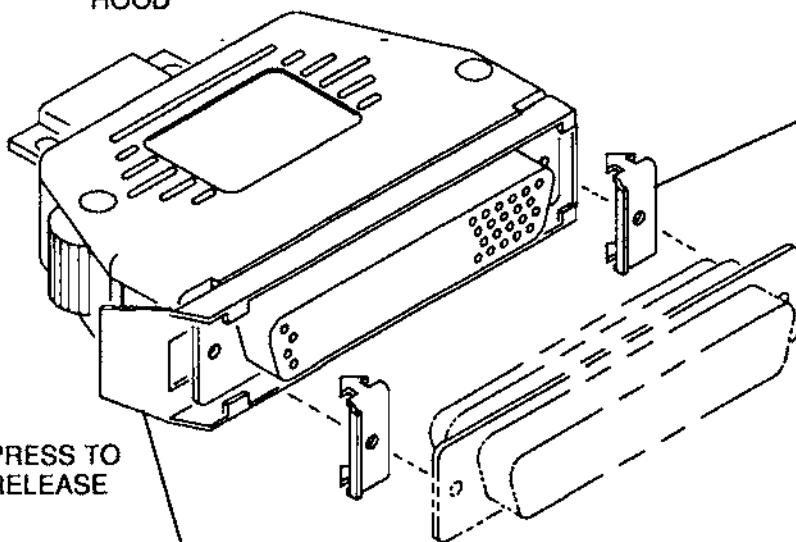
TYPE L
HOOD



TYPE H
HOOD



TYPE J
HOOD



LOCK TAB (NOTE)

D-9-000-0-V3
 D-15-000-0-V3
 D-25-000-0-V3
 D-37-000-0-V3
 D-50-000-0-V3

PRESS TO
RELEASE

QUICK RELEASE
 LOCKING DEVICE
 WITH HOOD (NOTE)
 D-9-000 * VL
 D-15-000 * VL
 D-25-000 * VL
 D-37-000 * VL
 D-50-000 * VL
 * ADD HOOD STYLE

NOTE: VENDOR V28198

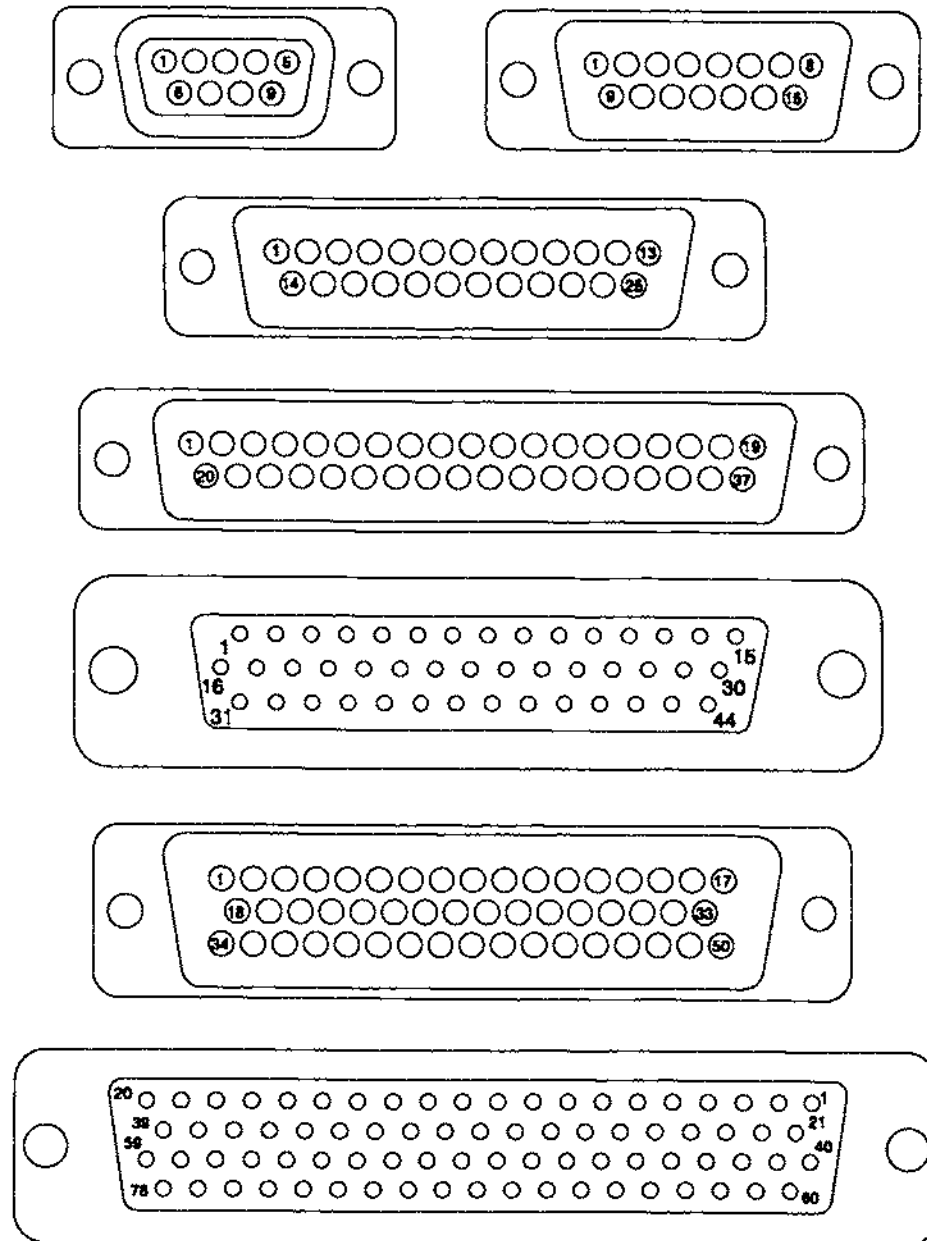
D50000K00
 D50000K00

M24308 Series Connectors
 Figure 209 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

A25458

FACE VIEW PIN INSERT



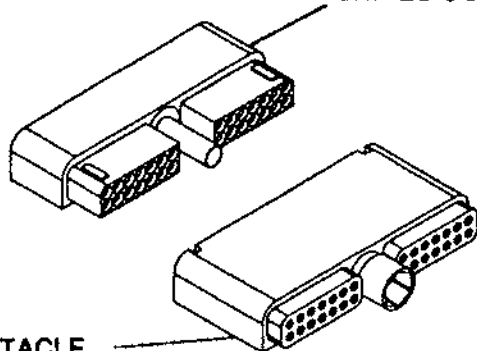
MS18273-1
 MS18274-1
 MS18275-1
 MS18276-1
 MS18275-2
 MS18277-1
 MS18277-2

M24308 Series Connectors
 Figure 209 (Sheet 3)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

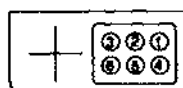
A12704

PLUG RE54-106S RE54-328P, RM54-212P,
 RM54-442S AND ALL OTHER RE54 AND RM54
 SERIES CONNECTORS

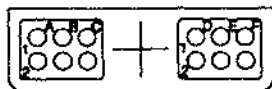


RECEPTACLE
 RE04-106P,
 RE04-328S, RM04-121S,
 RM04-328P AND ALL OTHER
 RE04 AND RM04 SERIES PLUGS

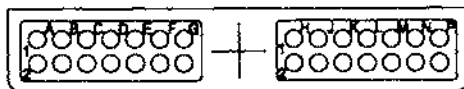
FACE VIEW PIN INSERT



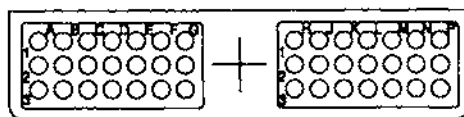
106



212



328



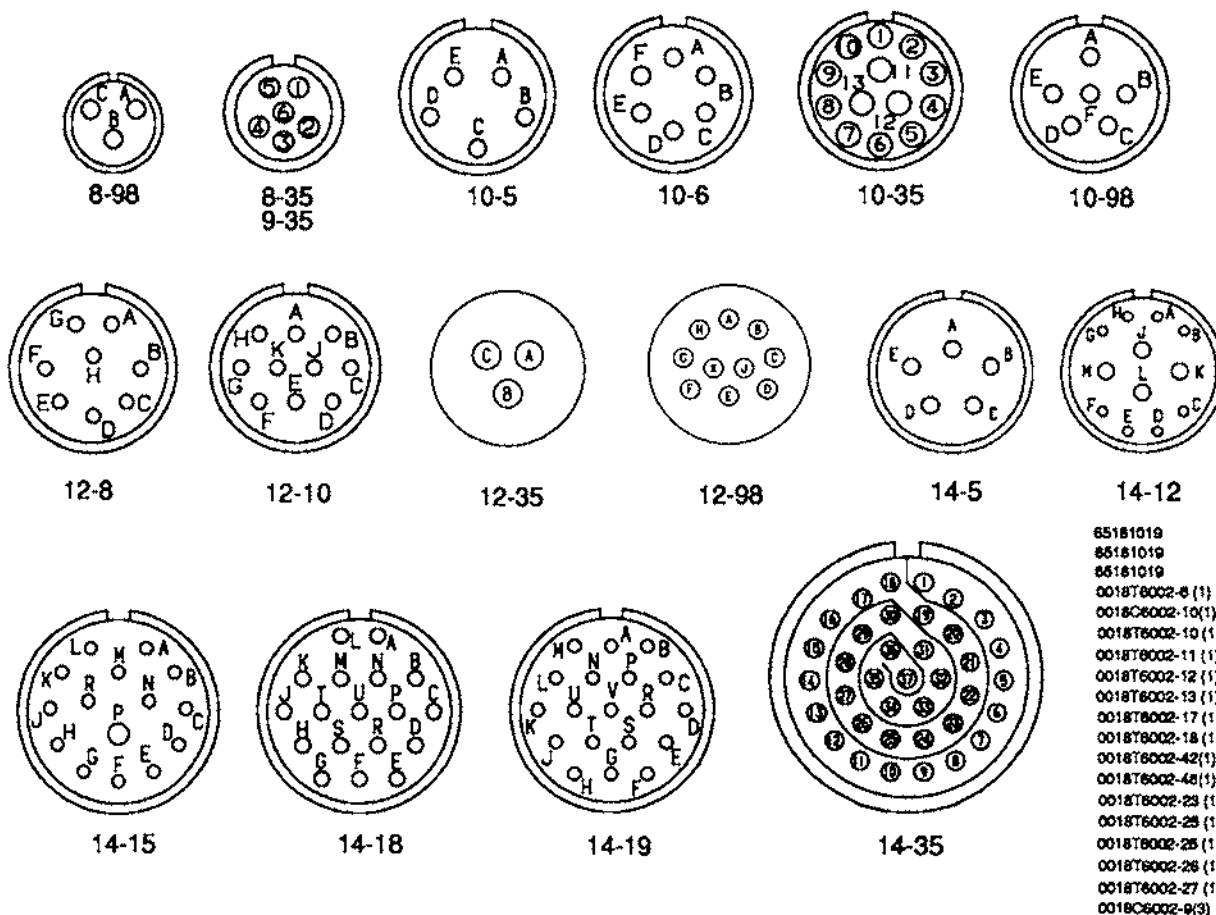
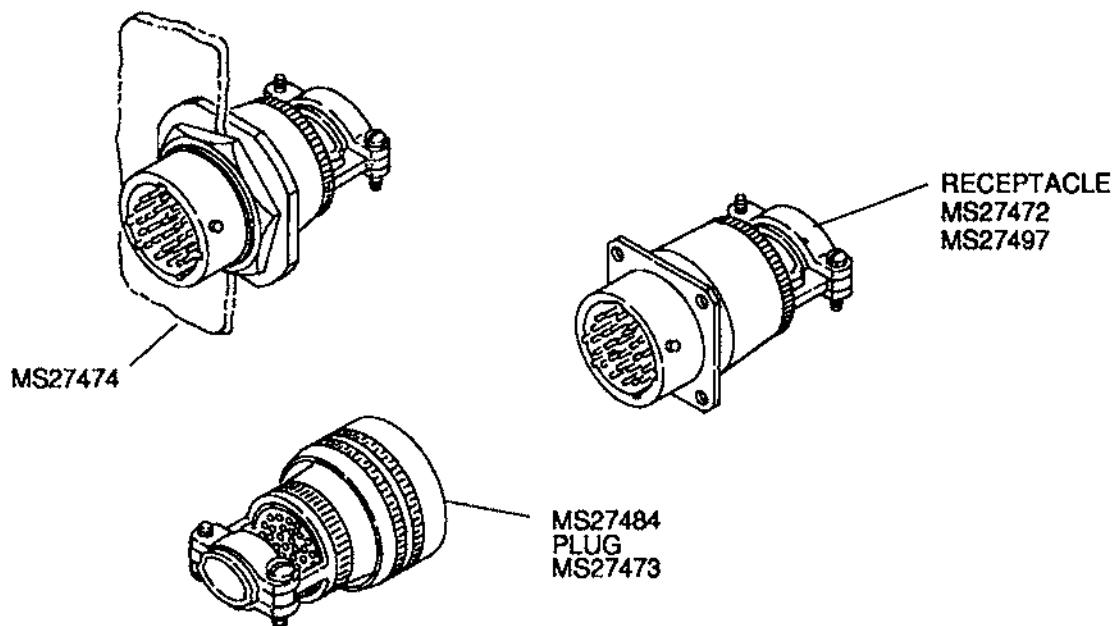
442

RE54-106S
 RM54-212P
 RE54-328P
 RM54-442S

RE/RM Series Connectors
 Figure 210 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

A25648

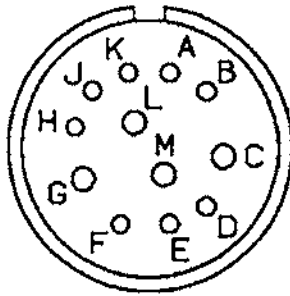


Mil-C-38999 Series 1 and Series 2 Connectors
 Figure 211 (Sheet 1)

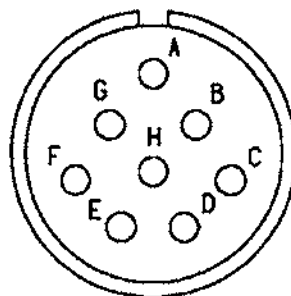
CESSNA AIRCRAFT COMPANY
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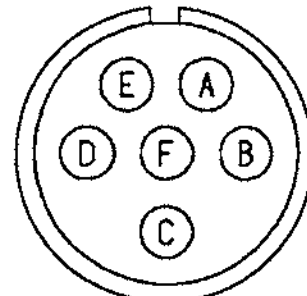
FACE VIEW PIN INSERT



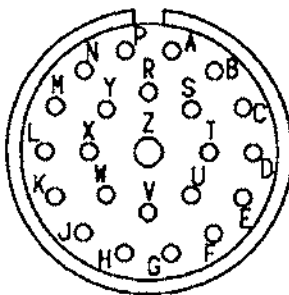
14-97



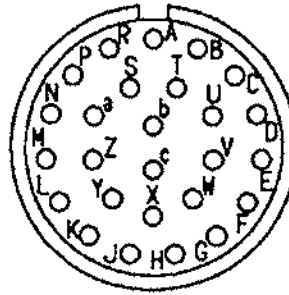
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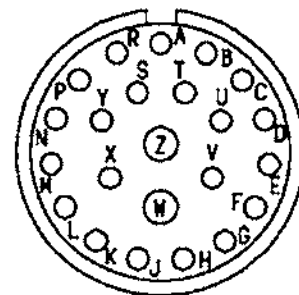
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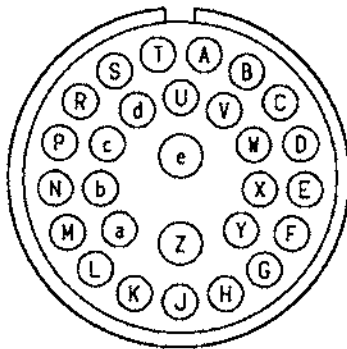
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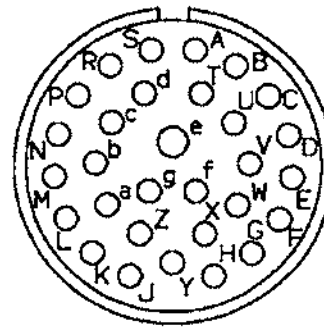
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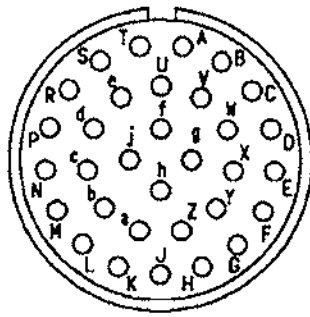
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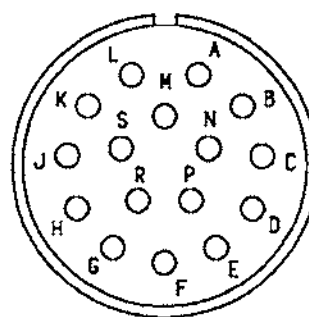
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18-30



18-32



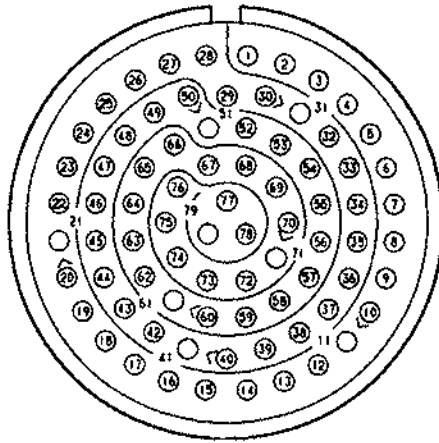
20-16

0018T8002-29 (1)
 0018T8002-2 (2)
 0018T8002-3 (2)
 0018T8002-5 (2)
 0018T8002-7 (2)
 0018T8002-15 (2)
 0018T8002-05 (3)
 0018T8002-17 (2)
 0018T8002-19 (2)
 0018T8002-04 (3)

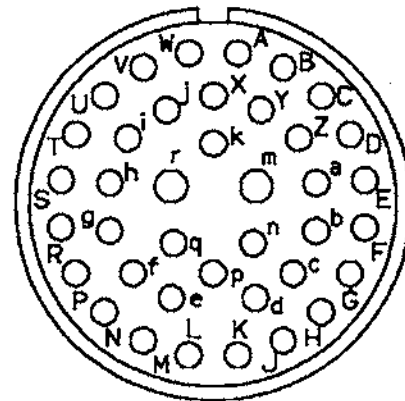
Mil-C-38999 Series 1 and Series 2 Connectors
 Figure 211 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

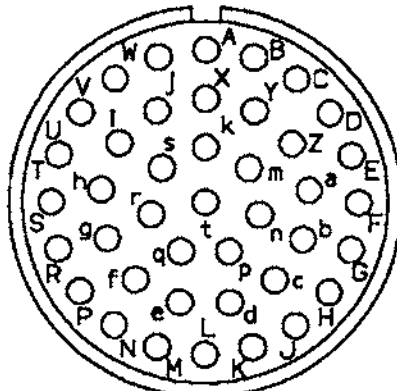
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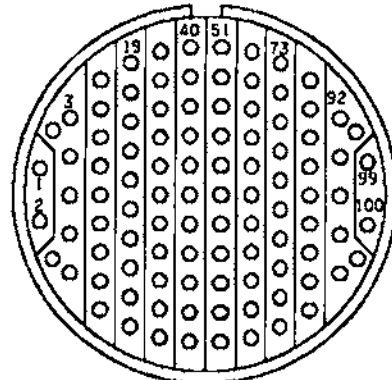
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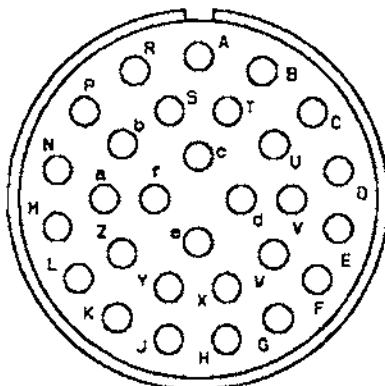
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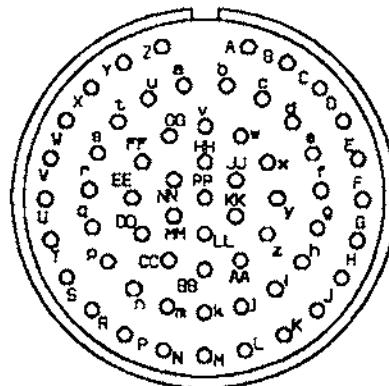
20-41



24-2



24-29



24-61

0018T8002-17 (2)
 0018T8002-18 (2)
 0018T8002-04 (3)
 0018T8002-40 (2)
 0018T8002-22 (2)
 0018T8002-23 (2)

Mil-C-38999 Series 1 and Series 2 Connectors
 Figure 211 (Sheet 3)

CESSNA AIRCRAFT COMPANY
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COAX CABLE CONNECTORS - MAINTENANCE PRACTICES

1. General

- A. The following information is intended for replacement of coax cable connectors in general. Instructions given are typical for coax cable connectors.
- B. Coax cable connectors described herein are of two types: one utilizing a threaded-type braid clamp, the other a swaged-type braid clamp.

2. Installation/Assembly Coax Cable Connectors (Threaded Type)

- A. Assembly Procedures. Refer to Figure 201.
 - (1) Cut coax cable to length.
 - (2) Trim jacket approximately 5/16 inch from end of cable.
 - (3) Slip clamp nut, washer, gasket and braid clamp onto cable.
 - (4) Flare braid over braid clamp.
 - (5) Strip insulation from center conductor to depth of contact solder pot.
 - (6) Install and solder contact to center conductor.

NOTE: Nuts having captivated contacts, washer and insulator are assembled before soldering contacts.

- (7) Insert complete assembly into connector body so contact enters hold in insulator properly.
- (8) Start connector nut by hand and tighten to 40 inch pounds +10, -10 inch-pounds, torque.

3. Installation/Assembly Connectors with K-Grips (Swaged Type)

- A. Assembly Procedures. Refer to Figure 202.
 - (1) Disassemble nut, gasket and braid clamp from connector body. Remove K-Grip and sleeve from individual package.
 - (2) Slip K-Grip sleeve and connector nut onto cable.
 - (3) Remove outer jacket to dimension A. Refer to Table 201.

Table 201. K-Grip Assembly

Connector	Dimension A Inches	Dimension B Inches	Dimension C Inches	K-Grip	Tool
UG-913A/U	1.18	0.3	0.111	KS-89-05	683-51470-1
UG-88C/U	1.18	0.3	0.111	KS-89-05	683-51470-1

CAUTION: DO NOT NICK OR CUT THE BRAID.

- (4) Trim braid to dimension B with small scissors or fingernail clippers. Refer to Table 201.
- (5) Slide grooved slotted end of K-Grip barrel over dielectric and under braid until braid touches step of barrel.
- (6) Slide connector nut in place so that nut butts against collar of K-Grip barrel.

NOTE: Nut must be correctly positioned before crimping.

- (7) Hold K-Grip barrel in position and slide K-Grip sleeve until forward edge of sleeve is even with step of barrel and the braid is visible between sleeve and step.
- (8) Crimp K-Grip sleeve as shown using tool specified in Table 201. If an alternate tool is used, crimp sleeve twice to utilize full length of sleeve, yet leave a flare at each end.
- (9) Trim dielectric to dimension C in Table 201.

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CAUTION: DO NOT NICK OR CUT CENTER CONDUCTOR.

- (10) Trim center conductor to depth of contact solder pot so contact is flush with dielectric.
- (11) Tin center conductor lightly.
- (12) Install and solder contact on center conductor.
- (13) Install gasket and braid clamp.
- (14) Insert complete assembly into connector body so contact enters hole in insulator and braid clamp seats properly. Push assembly into body as far as possible. Start connector nut by hand and tighten moderately with wrench.
- (15) Hold connector body and tighten to torque value of 40 inch-pounds +10, -10 inch-pounds.

4. Assembly MIL-C-25516 (M25516/20-XX-XX) Connectors.

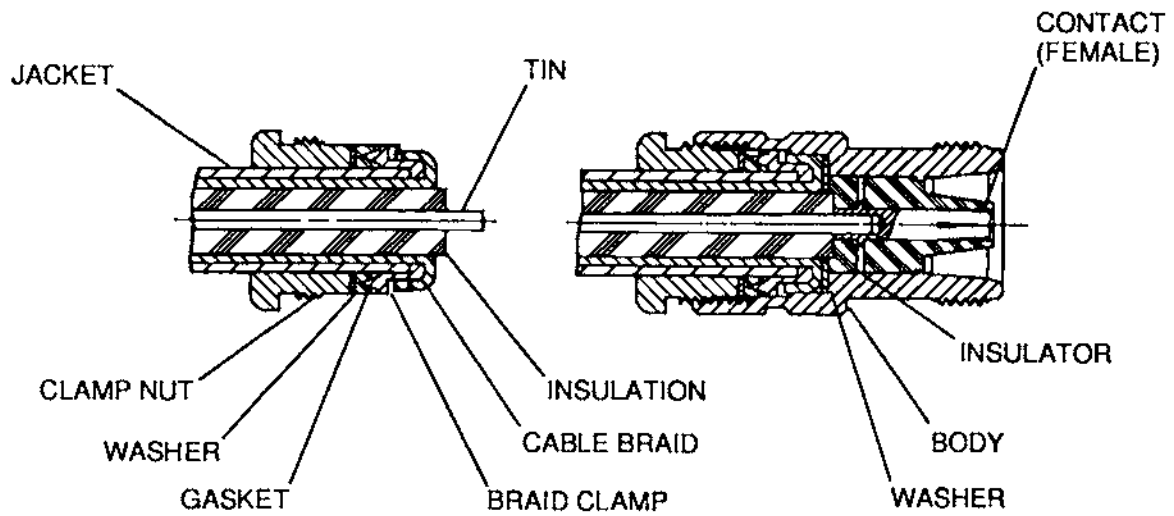
- A. Assembly Procedures. Refer to Figure 203.
- B. Instructions also cover Ted Manufacturing Corporation Series 59 and 69 connectors for shielded cables.

5. Assembly 2755-2-9 King K-Grip Connectors

- A. Assembly Procedures. Refer to Figure 204.

CESSNA AIRCRAFT COMPANY
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WIRING DIAGRAM MANUAL

A4038

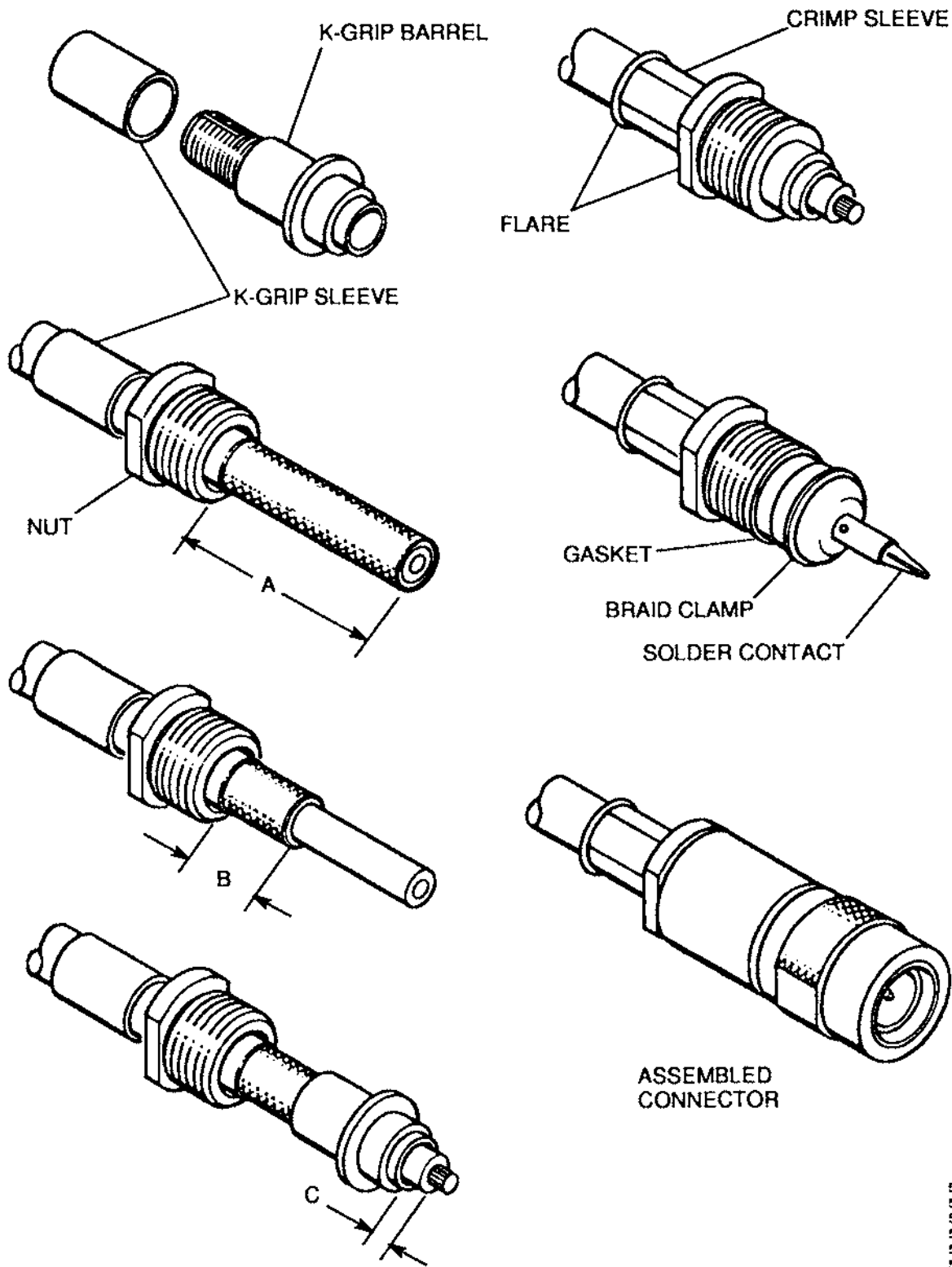


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Coax Cable Termination Installation
Figure 201 (Sheet 1)

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MODEL 172
 WIRING DIAGRAM MANUAL

A4040

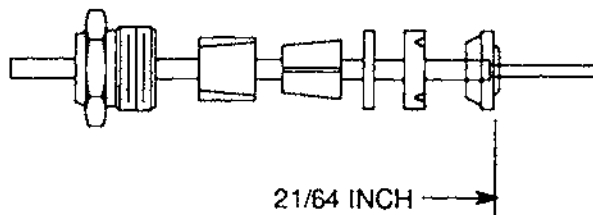
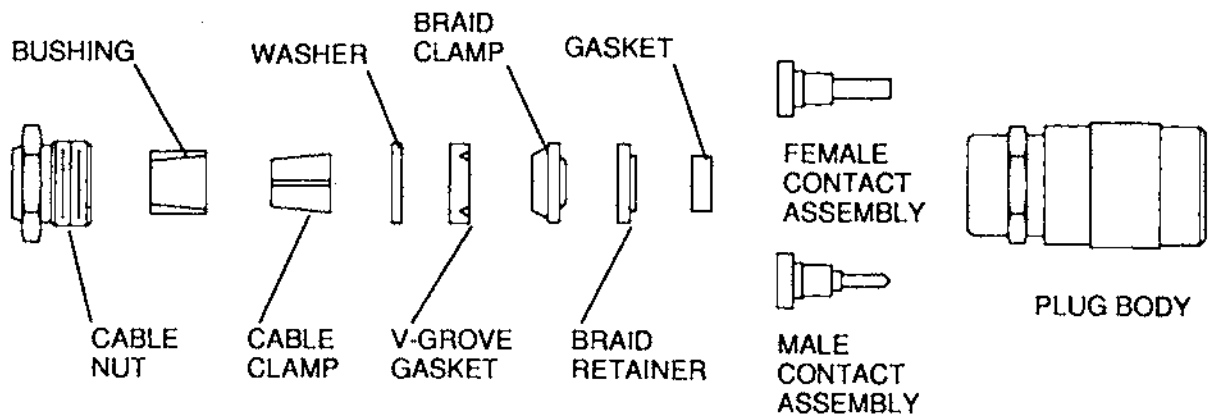


Connector With K-Grip (Typical)
 Figure 202 (Sheet 1)

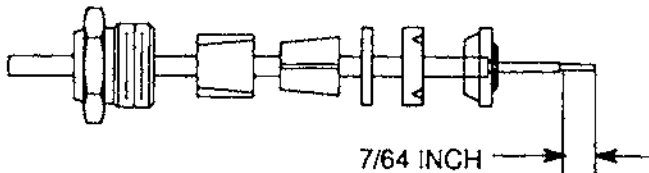
55982013
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CESSNA AIRCRAFT COMPANY
MODEL 172
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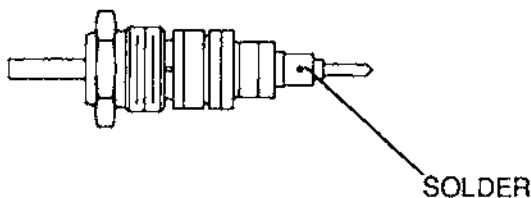
A4042



Cut cable off square and remove outer jacket to dimension shown. Slip cable nut, bushing, cable clamp, washer and gasket (V-groove as shown for 69 series; flat gasket on 59 series) over outer jacket of cable. Position braid clamp with inside shoulder against shoulder of outer jacket.



Comb out braid and fold back over braid clamp and trim off excess braid as shown. Trim dielectric from center conductor to dimension shown.



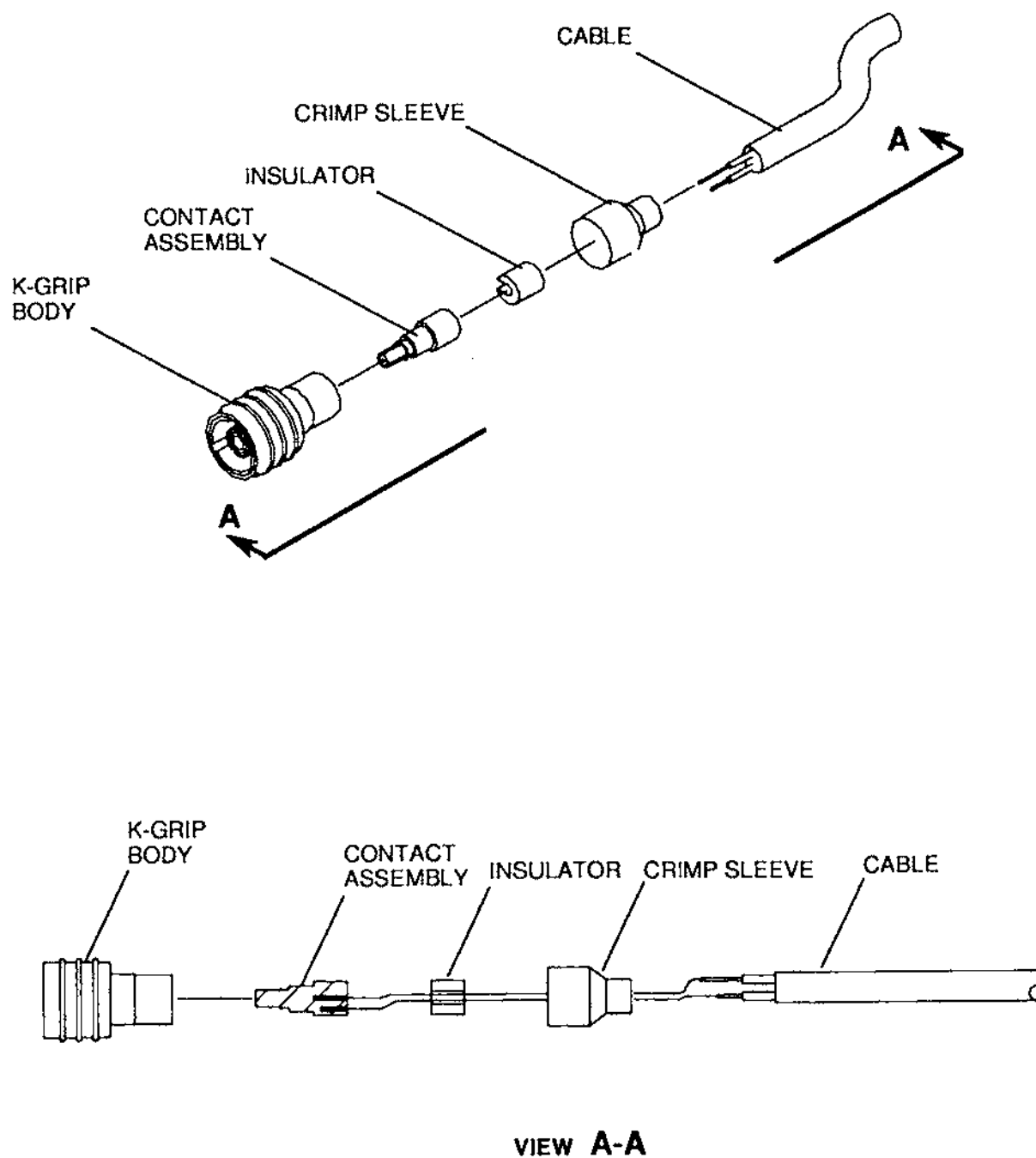
Position braid retainer and small gasket as shown. Push both tightly against the braid clamp and solder contact assembly to center conductor.

6018T1030
 6018T1030
 6018T1030
 6018T1030

Assembly Mil-C-25516 (M25516/20-XX-XX) Connectors
 Figure 203 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

A12716

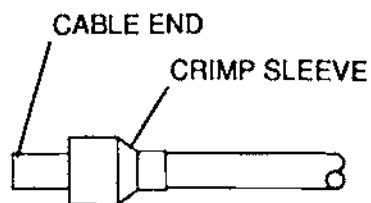


2755-2-9 King K-Grip Connectors
Figure 204 (Sheet 1)

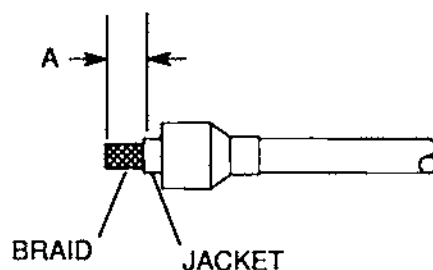
2755T-2-9
A-A2755T-2-9

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

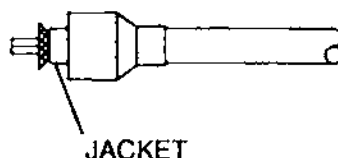
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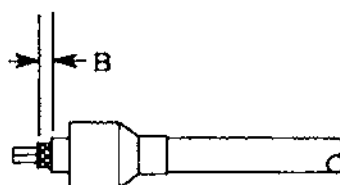
CUT CABLE END SQUARE AND SLIDE CRIMP SLEEVE OVER CABLE END AS SHOWN.



REMOVE JACKET TO "A" DIMENSION



FLARE OR BULGE BACK BRAID AND TRIM WITH SCISSORS AT EDGE OF JACKET



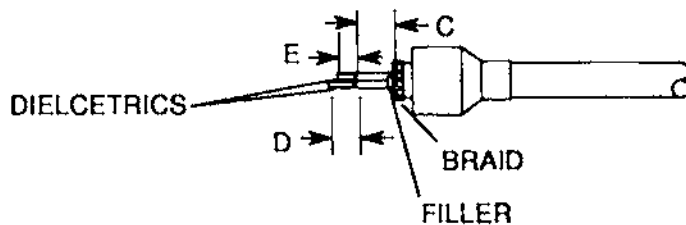
REMOVE JACKET TO "B" DIMENSION, TAKING CARE NOT TO NICK BRAID.

2755T-2-9
2755T-2-9
2755T-2-9
2755T-2-9

2755-2-9 King K-Grip Connectors
Figure 204 (Sheet 2)

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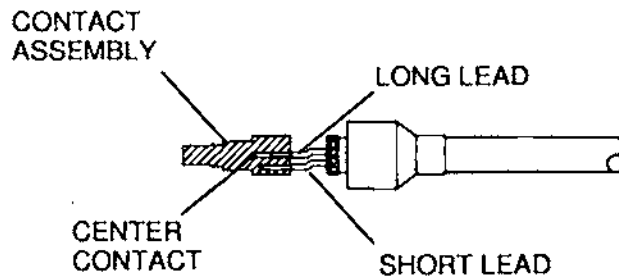
A12718



FOLD BACK BRAID AND TRIM BOTH FILLERS FLUSH WITH FOLD. THEN CUT THRU BOTH DIELECTRICS AT "D" DIMENSION. DO NOT NICK CONDUCTORS AND DO NOT REMOVE DIELECTRICS.

NEXT, TRIM ONE OF THE LEADS TO THE "E" DIMENSION, THE REMAINING LONG LEAD WILL BE INSERTED INTO THE CENTER CONTACT IN THE NEXT STEP.

DASH NO.	A	B	C	D	E
-1	.200	.391	.279	.312	.172
-2	-	-	-	.312	.172



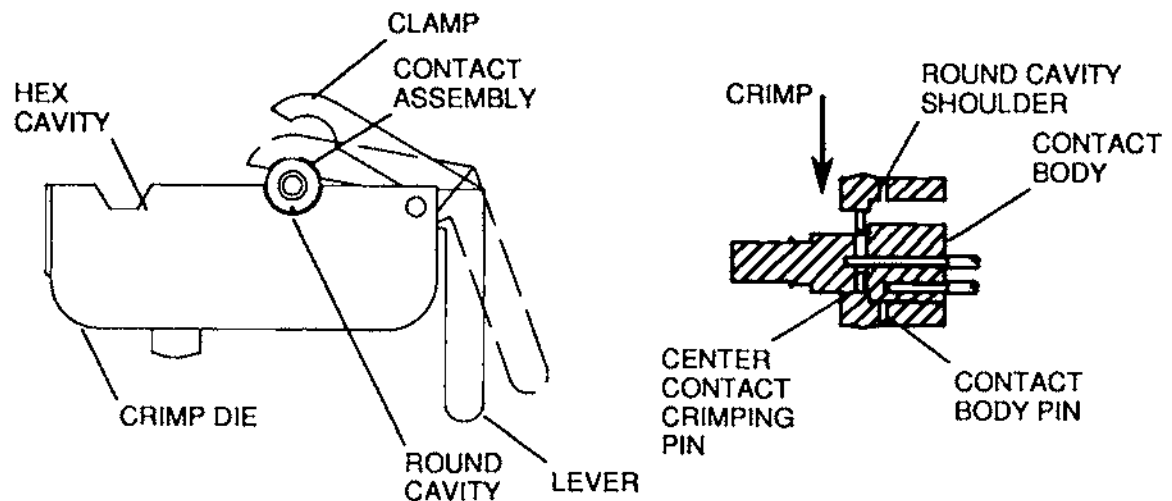
REMOVE THE DIELECTRICS AND INSERT CENTER CONDUCTORS (LONG LEAD IN CENTER, SHORT LEAD IN CONTACT BODY) INTO CONTACT ASSEMBLY. A GENTLE ROCKING MOTION OF THE CABLE WILL FACILITATE ENTRY OF THE LEADS.

2755T-2-9
 2756T-2-9

2755-2-9 King K-Grip Connectors
 Figure 204 (Sheet 3)

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A12720



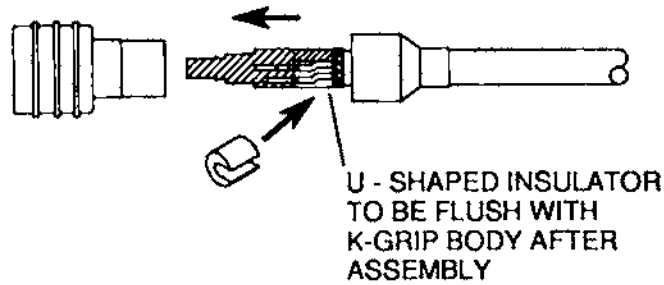
PLACE APPROPRIATE CRIMP DIE INTO CRIMPING TOOL. PUSH DOWN ON LEVER TO OPEN CLAMP. INSERT CONTACT ASSEMBLY, WITH CABLE CONDUCTORS IN PLACE, AGAINST THE ROUND DIE CAVITY SHOULDER. LINE UP CENTER CONTACT CRIMPING PINS WITH CLEARANCE HOLES (MAKE SURE THAT THE CONDUCTOR INSERTED IN THE CONTACT BODY IS IN LINE WITH THE CONTACT BODY PIN.) RELEASE THE CLAMP LEVER, LOCKING CONTACT ASSEMBLY IN PLACE AND CRIMP CAREFULLY.

2755T-2-9
2755T-2-9

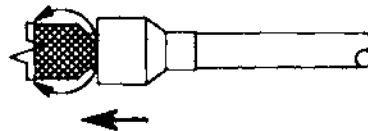
2755-2-9 King K-Grip Connectors
Figure 204 (Sheet 4)

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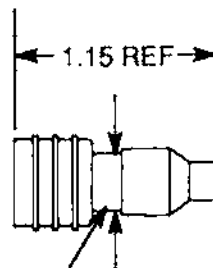
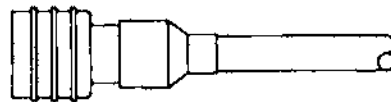
A12721



SLIDE U-SHAPED INSULATOR INTO GAP
 BETWEEN CONTACT ASSEMBLY AND
 BRAID. USING INSULATOR SNAP IN
 CONTACT ASSEMBLY INTO K-GRIP BODY.



FOLD BRAID BACK OVER K-GRIP BODY,
 SLIDE CRIMP SLEEVE OVER BRAID AND
 BODY. CRIMP WITH HEX CAVITY OF DIE.



STAMP: KINGS 2755-2-9 .33 DIAMETER

2755T-2-9
 2755T-2-9
 2755T-2-9
 2755T-2-9

2755-2-9 King K-Grip Connectors
 Figure 204 (Sheet 5)

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SPLICES AND TERMINALS - MAINTENANCE PRACTICES

1. General

- A. This section contains information for replacement of splices and terminals.
- B. The splices covered are of two types: one a permanent crimp-type splice that must be destroyed to separate the wires, the other a quick-disconnect that can be connected and disconnected repeatedly.
- C. The terminals covered are crimp-type in straight and flag type.
- D. All wire sizes referenced are American Wire Gauge (AWG).

2. Splices - Quick Disconnect Non-environmental

- A. Refer to Table 201 for splice part numbers.
- B. For installation, use WT110M crimp tool available through Thomas and Betts

Table 201. Quick Disconnect Non-environmental Splices

WIRE SIZE	PART NUMBER
22 Thru 18	S341-2
16 Thru 14	S341-1

3. Splices - Permanent Non-environmental

- A. Permanent crimp non-environmental splices may be used on various wire sizes or combinations of wires. Refer to table 203 for splice wire size information.
- B. The crimp tools listed in Table 202 or their equivalent are required to install these splices. All crimp tools listed are available through AMP Inc. V00779.

NOTE: The splice crimping tool has an insulation crimping adjustment set to 1, 2, 3 or 4 depending on the thickness of insulation. The splice should have a firm crimp on the insulation without damage.

Table 202. Tools for Permanent Crimp Non-environmental Splices

AWG	SPLICE	CRIMPING TOOL
22-16	320559	59250
14-16	320562	59250
10-12	320570	59239-4
22-16	S1370-1	59250
14-16	S1370-2	59250
10-12	S1370-3	59239-4

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Table 203. Permanent Non-environmental Splices

S1370-1 or 320559 *		S1370-2 or 320562 *		S1370-3 or 320570 *	
RED		BLUE		YELLOW	
WIRE SIZE 22 THRU 16		WIRE SIZE 16 AND 14		WIRE SIZE 12 AND 10	
NUMBER OF WIRES	WIRE SIZE	NUMBER OF WIRES	WIRE SIZE	NUMBER OF WIRES	WIRE SIZE
1	22	1	16	1	14
1	20	1	14	1	12
2	22	2	20	1	10
2	20	1	20 and 18	2	14
3	22	2	18	1	14 and 12
		2	16	2	12
		3	20		

* AMP Inc. V00779

4. Splices - High Temperature

A. Refer to Table 204 for splice part numbers and crimp tool information.

Table 204. High Temperature Splices

WIRE SIZE	PART NUMBER *	CRIMP TOOL
22 Thru 20	330377-1	69710-1 Handle 69327 Crimp Head
18 Thru 16	330378-1	69710-1 Handle 69328 Crimp Head

* AMP Inc. V00779

5. Splices - Quick Disconnect Environmental

A. Table 205 contains contact information and installation tools for use with quick disconnect environmental resistant splices.

Table 205. Quick Disconnect Environmental Resistant Splices

TSE12-01 (2 wire disconnect splice)

Contact (wire sizes 12 and 14)	1841-1-5612	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-12	Deutsch Co. V11139

TSE16-01 (2 wire disconnect splice)

Contact (wire sizes 16, 18, 20)	1841-1-5616	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-16	Deutsch Co. V11139

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Table 205. Quick Disconnect Environmental Resistant Splices (continued)

TSE20-01 (2 wire disconnect splice)

Contact (wire sizes 20, 22, 24)	1841-1-5620	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-20	Deutsch Co. V11139

TSE22-01 (2 wire disconnect splice)

Contact (wire sizes 22 and 24)	100060-56	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-22-1	Deutsch Co. V11139

CTL-12 (2 wire disconnect splice) and CTM-12 (4 Wire disconnect splice)

Contact (wire sizes 12 and 14)	CTS-S12/12	Deutsch Co. V11139
	AFLC-8027520-2-1	Commercially Available
Crimping Tool	M22520/1-01	Commercially Available
Positioner	TP405	Commercially Available
Insertion/Removal Tool	M15570-12	Commercially Available
	81515-12	
Sealing Plug for unused holes	M81511/39-12	Commercially Available

DME-12 and DME12B

Contact (wire size 12)	M39029/22-605	DME Electronics
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool	M81969/14-04	Commercially Available

DME-16 and DME16B

Contact (wire size 16)	M39029/22-193	DME Electronics
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal	M81969/14-03	Commercially Available

DME-20 and DME20B

Contact 20 AWG	M39029/22-192	DME Electronics
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool 20 AWG	M81969/14-11	Commercially Available

DME-22 and DME22B

Contact (wire sizes 22 and 24)	M39029/22-191	DME Electronics
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool	M81969/14-01	Commercially Available

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Table 205. Quick Disconnect Environmental Resistant Splices (continued)

CTL-16 (2 wire disconnect splice) and CTM-16 (4 Wire disconnect splice)

Contact (wire sizes 16 and 20)	CTS-S16/16	Deutsch Co. V11139
	M39029/22-193	Commercially Available
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-13	Commercially Available
Insertion/Removal Tool	M83723/31-16	Commercially Available
	M15570-16	Deutsch Co. V11139
Sealing Plug for unused holes	M81511/39-16	Commercially Available

CTL-20 (2 wire disconnect splice) and CTM-20 (4 Wire disconnect splice)

Contact (wire sizes 20 and 24)	CTS-S20/20	Deutsch Co. V11139
	M39029/22-192	Commercially Available
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-12	Commercially Available
Insertion/Removal Tool	M83723/31-20	Commercially Available
	M15570-20	Deutsch Co. V11139
Sealing Plug for unused holes	M81511/39-20	Commercially Available

CTL-22 (2 wire disconnect splice) and CTM-22 (4 Wire disconnect splice)

Contact (wire sizes 22 and 24)	CTS-S22/22	Deutsch Co. V11139
	M39029/22-191	Commercially Available
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool	M15570-22-1	Commercially Available
	81515-23	Deutsch Co. V11139
Sealing Plug for unused holes	8027520-2-2	Deutsch Co. V11139

M81714/12-20B2 Double Splice

Contact (wire sizes 20 and 24)	M39029/1-101	Commercially Available
Crimping Tool	M22520/1-01	Commercially Available
Positioner	M22520/1-02	Commercially Available
Insertion/Removal Tool	M81969/14-02	Commercially Available

6. Splices - Permanent Crimp, Environmental Resistant Splices

- A. Permanent crimp environmental resistant splices may be used on various wire sizes or combinations of wires. Refer to Table 207 for splice wire size information.
- B. Tools used with permanent crimp environmental resistant splices.

NOTE: The following tools (or equivalent) are required.

- (1) Heat gun part number CV5700 and reflector part number MG7 are available through Raychem Corp. V06090.

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- (2) For crimp tool information refer to Table 206.

Table 206. Permanent Crimp Environmental Resistant Splice Installation Tools

M81824/1-1, M81824/1-2, D436-36, D436-37, D436-52, D436-110

CRIMP TOOL	DIE	MANUFACTURER
M22520/5-01	M22520/5-103	Commercially Available
M22520/10-01	M22520/10-104	Commercially Available
AD1377	none	Raychem Corp. V06090

M81824/1-3, D436-38, D436-53

CRIMP TOOL	DIE	MANUFACTURER
M22520/5-01	M22520/5-102	Commercially Available
M22520/10-01	M22520/10-103	Commercially Available
AD1377	none	Raychem Corp. V06090

C. Installation of permanent crimp environmental resistant splices.

(1) MIL-S-81824 Type Splices.

- (a) Slide the insulating/sealing sleeve onto the wire(s) that will be located at one end of the sleeve.
- (b) Strip 0.312 to 0.343 of insulation from the wires.
- (c) Insert the wires into crimp barrel and crimp with crimp tool.
- (d) Slide the insulating/sealing sleeve to center the crimp barrel between the sealing rings.
- (e) Using a heat gun, shrink the insulating/sealing sleeve over the crimp barrel and wires. Continue to heat the ends of the sealing sleeve until the meltable inserts flow from the ends of the sleeve.

(2) 3-Wire Guide Type Splices Sealing Insert.

- (a) Slide the insulating/sealing sleeve onto the wires that will be located on the 3-wire guide end of splice, maximum of 2 wires in each hole in wire guide.
- (b) Repeat Steps 6.C.1 (b) through (e) for MIL-S-81824 type splices.

Table 207. Permanent Crimp Environmental Resistant Splices

WIRE END 1		SPLICE * PART NUMBER	APPROVED TO MIL. SPEC. PART NUMBER	WIRE END 2	
NUMBER OF WIRES	WIRE SIZE	SINGLE WIRE SPLICING		NUMBER OF WIRES	WIRE SIZE
1	24	D436-36 RED	M81824/1-1	1	24
1	22	D436-36 RED	M81824/1-1	1	22
1	20	D436-36 RED	M81824/1-1	1	20
1	18	D436-37 BLUE	M81824/1-2	1	18

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Table 207. Permanent Crimp Environmental Resistant Splices (continued)

WIRE END 1		SPLICE * PART NUMBER	APPROVED TO MIL. SPEC. PART NUMBER	WIRE END 2	
1	16	D436-37 BLUE	M81824/1-2	1	16
1	14	D436-38 YELLOW	M81824/1-3	1	14
1	12	D436-38 YELLOW	M81824/1-3	1	12
NUMBER OF WIRES	WIRE SIZE	MULTIPLE WIRE SPLICING		NUMBER OF WIRES	WIRE SIZE
2	24	D436-36 RED	M81824/1-1	1	22
2	24	D436-36 RED	M81824/1-1	1	24
2	22	D436-36 RED	M81824/1-1	1	22
2	22	D436-36 RED	M81824/1-1	1	20
2	22	D436-36 RED	M81824/1-1	2	22
2	20	D436-37 BLUE	M81824/1-2	1	20
2	20	D436-37 BLUE	M81824/1-2	1	18
2	20	D436-37 BLUE	M81824/1-2	2	20
1	18 and 20	D436-38 YELLOW	M81824/1-3	1	18 and 20
2	18	D436-38 YELLOW	M81824/1-3	1	16
2	18	D436-38 YELLOW	M81824/1-3	2	20
2	18	D436-38 YELLOW	M81824/1-3	2	18
2	18	D436-38 YELLOW	M81824/1-3	1	18
2	16	D436-38 YELLOW	M81824/1-3	2	18
2	16	D436-38 YELLOW	M81824/1-3	2	16
2	16	D436-38 YELLOW	M81824/1-3	1	16

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Table 207. Permanent Crimp Environmental Resistant Splices (continued)

WIRE END 1		SPLICE * PART NUMBER	APPROVED TO MIL. SPEC. PART NUMBER	WIRE END 2	
2	16	D436-38 YELLOW	M81824/1-3	1	14
3	24	D436-0110 RED		1	24
3	24	D436-0110 RED		2	24
3	24	D436-0110 RED		2	22
3	22	D436-52 BLUE		1	22 and 20
3	22	D436-52 BLUE		2	20
3	22	D436-52 BLUE		2	22
3	20	D436-53 YELLOW		2	20
3	20	D436-53 YELLOW		2	18
2	20 and 18	D436-53 YELLOW		2	20
3	18	D436-53 YELLOW		1	18
3	18	D436-53 YELLOW		2	18

* Raychem Corp. V06090

- D. Combinations of wire splicing not shown in Table 207, may be determined by the following procedure:
(1) Calculate the Circular Mil Area (CMA) for each end of the splice. Refer to Table 208.

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EXAMPLE: Splicing three AWG 22 wires to one AWG 16 wire:

Wire End 1

CMA = 3 X 754 = 2262

Wire End 2

CMA = 2426

Table 208. CMA (Circular Mill Area) Of Common Conductors

WIRE SIZE (AWG)	24	22	20	18	16	14	12
STRANDS	19	19	19	19	19	19	37
CMA	475	754	1216	1900	2426	3831	5874

- (2) Determine, from Table 209, which splice part numbers will accommodate the CMA and the number of wires of End 1. Note that a maximum of two wires can be sealed in any one hole in a sealing insert. (In the chart, refer to the MAXIMUM NUMBERS OF WIRES, END 1 and END 2 columns, and CMA RANGE OF BARREL, MINIMUM and MAXIMUM columns)

Example: Three AWG 22 wires

2262 CMA

Possible splices include Part Numbers

D436-52 and D436-53

- (3) Determine which part numbers will accommodate the CMA and the number of wires of End 2.

Example: One AWG 16 wire

2426 CMA

Possible splices include Part Numbers

D436-52 and D436-53

- (4) Select the part number for the smallest splice that will accommodate both ends.

Example: D436-52 for three AWG 22 to one AWG 16.

Table 209. CMA (Circular Mill Area) Limits of Splices

SPlice		CMA RANGE OF BARREL		MAXIMUM NUMBER OF WIRES	
PART NUMBER	COLOR	MINIMUM	MAXIMUM	END 1	END 2
D436-36	RED	304	1510	2	2
D436-37	BLUE	779	2680	2	2
D436-38	YELLOW	1900	6755	2	2
D436-0110	RED	304	1510	6 *	2
D436-52	BLUE	779	2680	6 *	2
D436-53	YELLOW	1900	6755	6 *	2

* Maximum number of 2 wires per hole in a 3 wire guide sealing insert.

7. Environment Resistant Splices for Shielded Cable

- A. Refer to Table 210 for splice information.

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B. Tools used with permanent crimp environmental resistant splices.

NOTE: The following tools are (or equivalent) are required.

- (1) Heat gun part number CV5000 and reflector part number TG135 are available through Raychem Corp.. V06090
- (2) Crimp tool part number AD1377 is available through Raychem Corp.. V06090

C. Installation of environment resistant splices for shielded cable

NOTE: The braided solder sleeve, splice sleeve and crimp barrel referred to in the following instructions are all part of the D150-01XX kit. Refer to Table 210.

- (1) Cut shielded cable at area to be spliced.
- (2) Slide braided solder sleeve over one end of the cable.
- (3) Remove cable jacket and shield.
 - (a) For single conductor shielded cable, remove cable jacket and shield 0.700 inches from both ends of the cable.
 - (b) For multiconductor shielded cable, remove cable jacket and shield 1.825 inches from both ends of the cable.
- (4) Remove cable jacket so as to expose 0.375 inches of shield on both ends of the cable.
- (5) Splice wires. Accomplish the following instructions for each wire in the cable.
 - (a) For multiconductor shielded cable, cut each wire 0.675 inches from the end of the shield at one end of the cable. Stagger wire cuts as follows:
 For 2 conductor cable, cut one wire at one end of the cable and the second wire at the opposite end of the cable.
 For 3 conductor cable, cut two wires at one end of the cable and the third wire at the opposite end of the cable.
 - (b) Strip insulation 0.275 inches from both ends of the wire.
 - (c) Slide the splice sleeve onto one end of the wire.
 - (d) Insert both ends of the wire into the crimp barrel and crimp.
 - (e) Center the splice sleeve over the crimp barrel and apply heat until the sealing rings melt and flow along the wire.
- (6) Install braided solder sleeve.
 - (a) Slide the braided solder sleeve over the wire splice(s).
 - (b) Starting at the center of the braided solder sleeve and working toward the ends, apply heat until the solder melts and the insulating sleeve shrinks.
 - (c) Apply sufficient heat to the area of the cable shield to ensure a good solder joint between the braided solder sleeve and the cable shield.
 - (d) Apply heat to the ends of the braided solder sleeve until rings melt and flow along the cable jacket.
 - (e) After installing the braided solder sleeve, the braided solder sleeve must not be cut or split. Shield strands must not extend through the braided solder sleeve.

Table 210. Environmental Resistant Shielded Cable Splices

NUMBER OF CONDUCTORS	WIRE SIZE (AWG)	PART NUMBER *
1 (Shielded Single)	20 - 26	D150-0168
	16 - 20	D150-0169
	12 - 16	D150-0170

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Table 210. Environmental Resistant Shielded Cable Splices (continued)

NUMBER OF CONDUCTORS	WIRE SIZE (AWG)	PART NUMBER *
2 (Shielded Pair)	20 - 26	D150-0174
	16 - 18	D150-0175
	14	D150-0176
	12	D150-0177
3 (Shielded Triple)	24 - 26	D150-0178
	20 - 22	D150-0179
	16 - 18	D150-0180
	12 - 14	D150-0181

* Raychem Corp. V06090

8. Terminals - General

- A. The crimped impression shall be centered on the portion of the barrel intended to grip the conductor.
- B. The wire shall be inserted into the barrel the full length of the barrel.
- C. The wire shall not protrude beyond the end of the barrel more than 0.05 inch and shall not interfere with installation of washers, nuts, or screws.
- D. The following terminals are used on the engine starter/generator: For 16 gage wires used on starter/generator terminals A and D, use MS20659-104. For 16 and 20 gage wires used on starter/generator terminal E, use AMP 50848 (both wires are inserted into one terminal).

9. Standard Insulated Terminals

- A. On standard insulated terminals, the insulation shall be fully within the insulation grip.
- B. Refer to Table 211 for standard insulated terminal information.

Table 211. Standard Insulated Terminals

WIRE SIZE (AWG)	COLOR	STUD SIZE	PART NUMBER
22-18	RED	4	MS25036-148
22-18	RED	6	MS25036-102
22-18	RED	8	MS25036-149
22-18	RED	10	MS25036-103
22-18	RED	1/4	MS25036-150
22-18	RED	5/16	MS25036-104
22-18	RED	3/8	MS25036-105
16-14	BLUE	4	MS25036-152
16-14	BLUE	6	MS25036-106
16-14	BLUE	6	MS25036-107
16-14	BLUE	8	MS25036-153

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Table 211. Standard Insulated Terminals (continued)

WIRE SIZE (AWG)	COLOR	STUD SIZE	PART NUMBER
16-14	BLUE	10	MS25036-108
16-14	BLUE	1/4	MS25036-154
16-14	BLUE	5/16	MS25036-109
16-14	BLUE	3/8	MS25036-110
12-10	YELLOW	6	MS25036-111
12-10	YELLOW	8	MS25036-156
12-10	YELLOW	10	MS25036-112
12-10	YELLOW	1/4	MS25036-157
12-10	YELLOW	5/16	MS25036-113
12-10	YELLOW	3/8	MS25036-114
8	RED	10	MS25036-115
8	RED	1/4	MS25036-116
8	RED	5/16	MS25036-117
8	RED	3/8	MS25036-118
6	BLUE	10	MS25036-119
6	BLUE	1/4	MS25036-120
6	BLUE	5/16	MS25036-121
6	BLUE	3/8	MS25036-122
4	YELLOW	10	323052 *
4	YELLOW	1/4	MS25036-123
4	YELLOW	5/16	MS25036-124
4	YELLOW	3/8	MS25036-125
2	RED	1/4	MS25036-126
2	RED	5/16	2-328942-1 *
2	RED	3/8	MS25036-127

* AMP Inc. V00779

10. Insulation Restricting Terminals

- A. On insulation restricting terminals, the insulation shall be bottomed-out against the restrictor fully within the insulation grip.
- B. Refer to Table 212 for insulation restricting terminal information.

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Table 212. Insulation Restricting Terminals

WIRE SIZE (AWG)	INSU- LATING SLEEVE COLOR	IDENT COLOR CODE	STUD SIZE	LOOSE PIECE * PART NUMBER
22	RED	GREEN	4	52273
22	RED	GREEN	6	51863-2
22	RED	GREEN	8	1-320551-2
22	RED	GREEN	10	2-36153-3
22	RED	GREEN	1/4	2-320571-3
22	RED	GREEN	5/16	2-320572-2
22	RED	GREEN	3/8	2-320573-1
20	RED	RED	4	52273-1
20	RED	RED	6	51863-3
20	RED	RED	8	1-320551-3
20	RED	RED	10	2-36153-4
20	RED	RED	1/4	2-320571-4
20	RED	RED	5/16	2-320572-3
20	RED	RED	3/8	2-320573-2
18	RED	WHITE	4	52273-2
18	RED	WHITE	6	51863-4
18	RED	WHITE	8	1-320551-4
18	RED	WHITE	10	2-36153-5
18	RED	WHITE	1/4	2-320571-5
18	RED	WHITE	5/16	2-320572-4
18	RED	WHITE	3/8	2-320573-3
16	BLUE	BLUE	6	51864-6
16	BLUE	BLUE	8	1-51864-0
16	BLUE	BLUE	10	51864-7
16	BLUE	BLUE	1/4	2-320563-3
16	BLUE	BLUE	5/16	2-320575-2
16	BLUE	BLUE	3/8	2-320564-1
14	BLUE	GREEN	6	51864-8
14	BLUE	GREEN	8	1-51864-1
14	BLUE	GREEN	10	51864-9
14	BLUE	GREEN	1/4	2-320563-4
14	BLUE	GREEN	5/16	2-320575-3

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Table 212. Insulation Restricting Terminals (continued)

WIRE SIZE (AWG)	INSU- LATING SLEEVE COLOR	IDENT COLOR CODE	STUD SIZE	LOOSE PIECE * PART NUMBER
14	BLUE	GREEN	3/8	2-320564-2
12	YELLOW	YELLOW	6	2-36161-5
12	YELLOW	YELLOW	8	2-320568-2
12	YELLOW	YELLOW	10	2-36161-3
12	YELLOW	YELLOW	1/4	2-320569-5
12	YELLOW	YELLOW	5/16	2-320576-2
12	YELLOW	YELLOW	3/8	2-320577-1
10	YELLOW	BROWN	6	2-36161-6
10	YELLOW	BROWN	8	2-320568-3
10	YELLOW	BROWN	10	2-36161-4
10	YELLOW	BROWN	1/4	2-320569-6
10	YELLOW	BROWN	5/16	2-320576-3
10	YELLOW	BROWN	3/8	2-320577-2

* AMP Inc. V00779

11. Flag Terminals

- A. For standard flag terminals refer to Table 213. For terminals used on fuel quantity probes in the fuel cell refer to Table 214.

Table 213. Standard Flag Terminals

WIRE SIZE (AWG)	STUD SIZE	PART NUMBER
8	8	MS25189-1
8	10	MS25189-2
8	1/4	MS25189-3
8	5/16	MS25189-4
8	3/8	MS25189-5
8	1/2	MS25189-6
6	10	MS25189-7
6	1/4	MS25189-8
6	5/16	MS25189-9
6	3/8	MS25189-10
6	1/2	MS25189-11
4	10	MS25189-12
4	1/4	MS25189-13

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Table 213. Standard Flag Terminals (continued)

WIRE SIZE (AWG)	STUD SIZE	PART NUMBER
4	5/16	MS25189-14
4	3/8	MS25189-15
4	1/2	MS25189-16
2	10	MS25189-17
2	1/4	MS25189-18
2	5/16	MS25189-19
2	3/8	MS25189-20
2	7/16	MS25189-21
2	1/2	MS25189-22

NOTE: The flag terminals listed in Table 214 are for use in fuel cells.

Table 214. Fuel Quantity Probe Flag Terminals

NAME	PART NUMBER	MANUFACTURER
#6 Terminal	36195	AMP Inc. V00779
#8 Terminal	34117	AMP Inc. V00779
#10 Terminal	34118	AMP Inc. V00779
Crimper	WT111M	Thomas and Betts
#6 Terminal	AB51	Thomas and Betts
#8 Terminal	AB52	Thomas and Betts
#10 Terminal	AB53	Thomas and Betts

12. CHECKING TERMINALS AND SPLICES

- A. Electrical Resistance.
 - (1) Properly installed terminals and splices shall offer no more resistance across the terminal than an equivalent length of wire of the same gage to which the terminal is attached.
- B. Tension Load Testing.
 - (1) To test crimping tools used for installing terminals and splices, a sample wire and terminal or splice should withstand the tension loads in Table 215.

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CAUTION: TENSION LOADS ARE FOR A TEST SAMPLE. DO NOT
 PERFORM TENSION LOAD TEST ON WIRING INSTALLED IN
 AN AIRPLANE.

Table 215. Minimum Tension Load for Installed Terminals and Splices

ALUMINUM WIRE AND TERMINALS

WIRE SIZE	8	6	4	2	1	0	00	000	0000
LOAD IN POUNDS	130	200	300	500	700	900	1100	1300	1500

OTHER TYPE WIRE AND TERMINALS

WIRE SIZE	24	22	20	18	16	14	12	10	8	6	4	2	0
LOAD IN POUNDS	10	15	19	38	50	70	110	15	220	300	400	550	700

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HEAT SHRINKABLE TUBING - MAINTENANCE PRACTICES

1. General

- A. Heat shrink tubing may be used to cover splices, terminals and short sections of wire where the insulation has been damaged.
- B. Some types of shrink tubing are coated inside with sealant, which melts when the tube shrinks, to provide moisture resistant seal to prevent corrosion.
- C. Heat shrink tubing shrinks to approximately one-half diameter when heated to approximately 250°F for a few seconds.

2. Tools and Equipment

- A. A heat gun part number CV5600 (or equivalent) is required and is available through Raychem Corp. V06090

3. Use of Shrink Tubing

- A. Place shrink tubing on wire away from splice or terminal area.
- B. Install splice or terminal in normal way.
- C. Slide shrink tubing over splice or terminal as required.
- D. Heat shrink tubing with heat gun until tubing has shrunk firmly around splice or terminal.

**CAUTION: PROTECT ADJACENT AREAS FROM HEAT AS HEAT GUN
PRODUCES IN EXCESS OF 250°F AIRFLOW.**

4. Heat Shrink tubing

- A. Heat shrink tubing with sealant is available through AMP Inc.. V00779
Part number 54081-1 can be used for wire diameters of 0.18 thru 0.3 inches.
Part number 54021-1 can be used for wire diameters of 0.26 thru 0.6 inches.
- B. Heat Shrink tubing without sealant (Mil-I-23053/5) is available through Raychem Corp. V06090 Class 1 tubing is flame resistant and class 3 tubing is highly flame resistant. Refer to Table 201 to determine the correct base part number, then refer to Table 202 to determine the correct color code.

Table 201. Class 1 and Class 3 Tubing

PART NUMBER	AS SUPPLIED ID MINIMUM	ID MAXIMUM (AFTER SHRINKAGE)
Class 1		
M23053/5-101-*	0.046	0.023
M23053/5-102-*	0.063	0.031
M23053/5-103-*	0.093	0.046
M23053/5-104-*	0.125	0.062
M23053/5-105-*	0.187	0.093
M23053/5-106-*	0.250	0.125
M23053/5-107-*	0.375	0.187
M23053/5-108-*	0.500	0.250
M23053/5-109-*	0.750	0.375

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Table 201. Class 1 and Class 3 Tubing (continued)

PART NUMBER	AS SUPPLIED ID MINIMUM	ID MAXIMUM (AFTER SHRINKAGE)
M23053/5-110-*	1.000	0.500
M23053/5-111-*	1.500	0.750
M23053/5-112-*	2.000	1.000
M23053/5-113-*	3.000	1.500
M23053/5-114-*	4.000	2.000
Class 3		
M23053/5-301-*	0.046	0.023
M23053/5-302-*	0.063	0.031
M23053/5-303-*	0.093	0.046
M23053/5-304-*	0.125	0.062
M23053/5-305-*	0.187	0.093
M23053/5-306-*	0.250	0.125
M23053/5-307-*	0.375	0.187
M23053/5-308-*	0.500	0.250
M23053/5-309-*	0.750	0.375
M23053/5-310-*	1.000	0.500
M23053/5-311-*	1.500	0.750

* The asterisk in the part number shall be replaced by color code designations.

Table 202. Color for Class 1 and 3 Tubing

Designator	Color	Designator	Color
0	Black	5	Green
1	Brown	6	Blue
2	Red	7	Violet (Purple)
3	Orange	8	Gray (Slate)
4	Yellow	9	White

5. End Caps

- A. End caps should be used to terminate a wire or coax cable when not in use. Table 203 lists part numbers for end caps available through Raychem Corp.V06090

Table 203. End Caps

SIZE	PART NUMBER
0.75 long	TC4001
1.0 long	TC4003
1.125 long	TC4005

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RESISTORS - MAINTENANCE PRACTICES

1. General

- A. This section provides a chart for determining the value of resistors, and shows some typical part numbers and how to determine the value from the part number.
- B. When a resistor burns out, the cause frequently will be a malfunction in some other part of the circuit. Check for shorted wires or other malfunction that could cause excessive current.
- C. Color codes for resistors. Refer to Figure 201.
- D. Part number value guide.
 - (1) CM3527 is 0.5 watt. CM3526 is 1 watt. These are Cessna engineering standards which are followed by a dash number for the complete part number.
 - (a) The first number after the dash is the first digit.
 - (b) The second number after the dash is the second digit.
 - (c) The third number after the dash is the number of zeros.
 - (d) The fourth letter is the tolerance: G = plus or minus 5 percent S = plus or minus 10 percent.

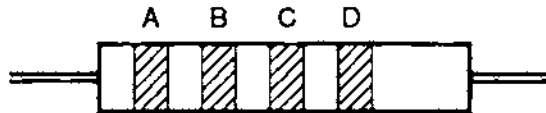
EXAMPLE: CM3527-430G is 43 ohms, one-half watt, plus or minus 5 percent.

- (e) For values less than 10 ohms, R is used in place of the second number and represents a decimal for the value.

Example: CM3527- 2R7G is 2.7 ohms, one-half watt, plus or minus 5 percent.

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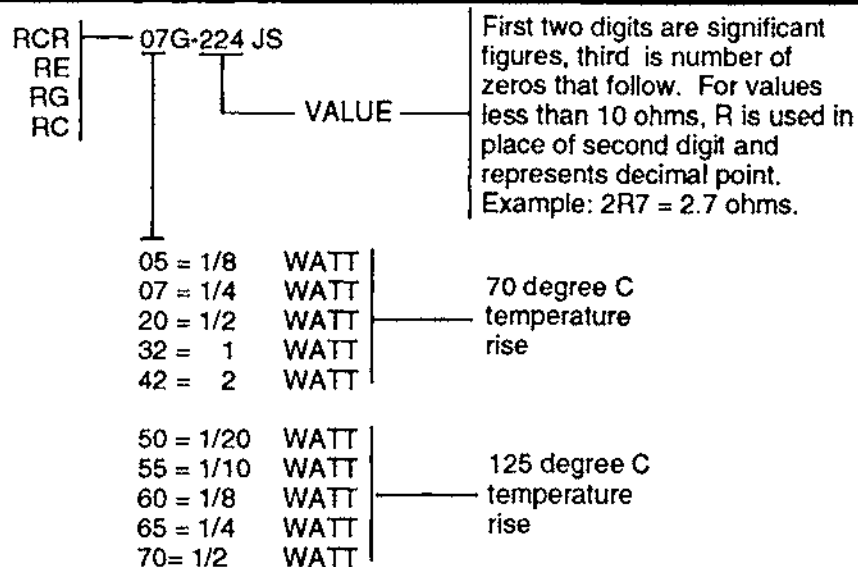
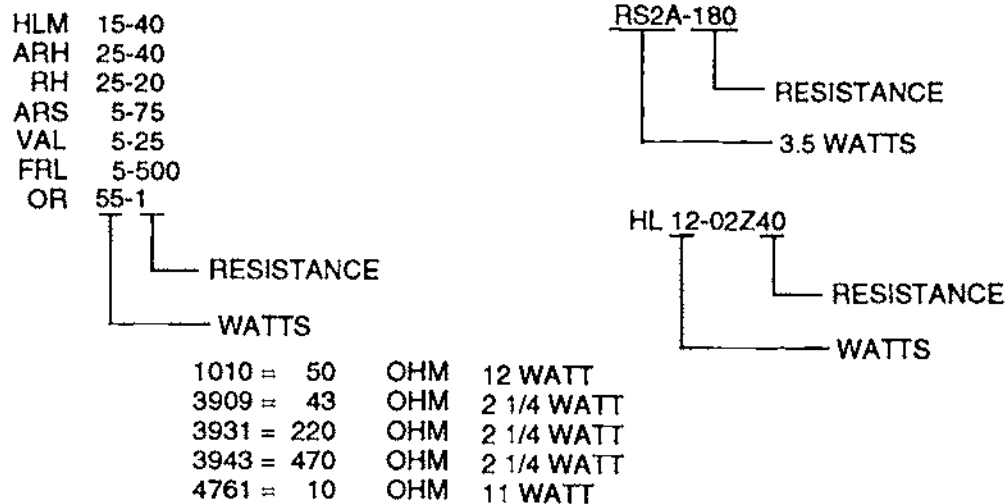
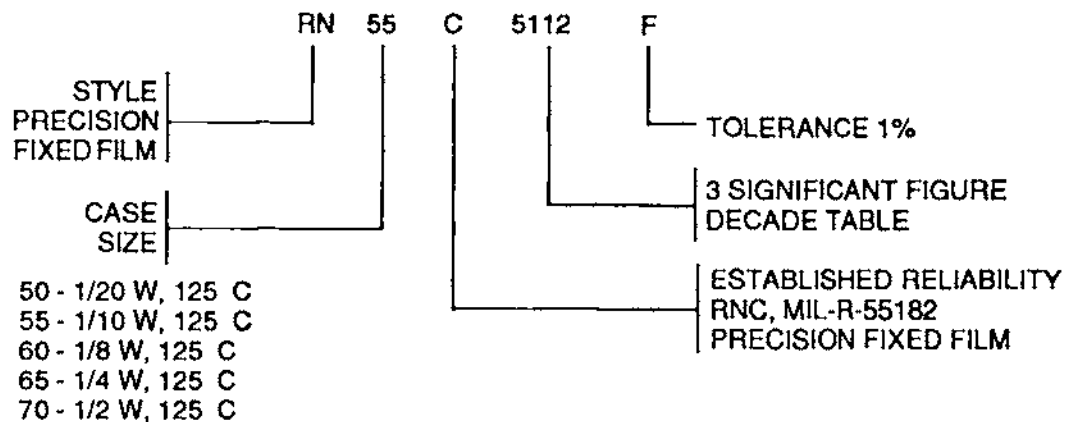
Tool, Pin and Insert Application Table

COLOR	FIRST DIGIT A	SECOND DIGIT B	MULTIPLIER C	TOLERANCE D
BLACK	0	0	1	
BROWN	1	1	10	
RED	2	2	100	
ORANGE	3	3	1,000	
YELLOW	4	4	10,000	
GREEN	5	5	100,000	
BLUE	6	6	1,000,000	
VIOLET	7	7	10,000,000	
GRAY	8	8	100,000,000	
WHITE	9	9	1,000,000,000	
GOLD			0.1	+5, - 5 Percent
SILVER			0.01	+10, - 10 Percent
NO COLOR				+20, - 20 Percent

Resistor Part Numbers
 Figure 201 (Sheet 1)

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Resistor Part Numbers
 Figure 201 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

TORQUE VALUES FOR THREADED FASTENER - MAINTENANCE PRACTICES

1. General

- A. These torque values are for electrical current carrying fasteners.
- B. Threads should be free of dust, metal filings and other material.
- C. Lubricants should not be added to any bolt.

2. Torque Values

- A. All threaded electrical current carrying fasteners for relay terminals, shunt terminals, fuse limiter mount block terminals, and bus bar attaching hardware should be torqued per Table 201.

Table 201. Threaded Current Carrying Fasteners

FASTENER DIAMETER	TORQUE IN INCH-POUNDS
3/16	20-30
1/4	40-60
5/16	80-100
3/8	105-125
1/2	130-150

- B. All threaded fasteners at airframe ground terminals should be torqued per Table 202.

Table 202. Threaded Ground Fasteners

FASTENER DIAMETER	TORQUE IN INCH-POUNDS
5/16	130-150
3/8	160-190

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SEALING OF ELECTRICAL CONNECTORS - MAINTENANCE PRACTICES

1. General

- A. This section describes procedures for sealing electrical connectors where protection from moisture is required.

2. Tools and Equipment

- A. The materials (or equivalent) listed in Table 201 are required.

Table 201. Tools and Equipment

NAME	NUMBER	MANUFACTURER	USE
Sealant	Silastic 738	Dow Corning 3901 S. Saginaw Road Midland, MI 48640	Potting connectors.
Cleaning solvent	Mozel Number 18	Mozel Chemical Prod. Co. 4003 Park Ave. St. Louis, MO 63110	Cleaning.
Cleaning solvent	Methyl n-propyl ketone	Commercially available	Cleaning.
Parting agent	MS-122 fluorocarbon	Miller-Stephenson Chemical Co., Inc. George Washington Highway P.O. Box 950 Danbury, CT 06810	For separation.
Parting agent	Resin- Release-N	General Mills, Inc. 9200 Wayzata Blvd. P.O. Box 1113 Minneapolis, MN 55440	For separation.
Etching supplies	Tetra-Etch	W.L. Gore and Associates 555 Paper Mill Road Newark, DE 19711	For etching.
Cheesecloth, Lint-free		Commercially available	For applying solvent.

3. Cleaning

- A. All surfaces to which sealant or primer is to be applied should be cleaned and dried immediately prior to sealant application. Remove all dust, lint, chips and shavings.
- B. Cleaning shall be accomplished by scrubbing the surfaces with a brush or cheesecloth moistened with solvent. It is essential that only clean cloths and clean solvent be used in the cleaning operations.

4. Etching

- A. All areas of insulation materials which contain fluorine, such as, Teflon or Kevlar, to which sealant is to adhere, should be cleaned per paragraph 3, and then etched in accordance with the manufacturer's instructions and recleaned before sealing.

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5. Sealant Application

- A. Before application of sealant, check all wires to make sure they are properly attached and in the correct position.
- B. After sealant is applied, joints should not be flexed until sealant is tack-free.
 - (1) At 77°F, sealant will require 20 minutes to be tack-free.
 - (2) Seventy-two hours is required to cure sealant thickness of one-eighth inch or thicker.
- C. Carefully insert the nozzle into the center of the wires. Inject the sealant keeping the nozzle slightly below the surface of the sealant.
 - (1) The injection shall be done slowly to allow the sealant to flow between the wires as it rises. Entrapped air may be released by vibration or lightly tapping the receptacle on a firm surface.
 - (2) Do not damage connector contacts.
- D. When the nozzle cannot be inserted between the wires because of spacing, insert the nozzle to one side of the wires and as near to the center as possible without forcing.
- E. Application continues until the mold is filled.
 - (1) Backshells should be filled to a minimum height of 0.25 inch above the top of the longest contact or the highest shield termination.
 - (2) Complete filling of backshell is preferred.
- F. Entrapment of air within sealants must be avoided in all cases. Air bubbles act as reservoirs for moisture buildup which may lead to short circuits.

CHAPTER

21

**AIR
CONDITIONING**

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<u>CHAPTER</u> <u>SECTION</u> <u>SUBJECT</u>	<u>NUMBER</u> <u>OF</u> <u>PAGES</u>	<u>DATE</u>
21-Title	1	
21-List of Effective Pages	1	Jan 20/2006
21-Record of Temporary Revisions	1	Jan 20/2006
21-Contents	1	Jan 20/2006
21-20-00	Figure 01	2 Jan 20/2006 Deleted
	Figure 02	2 Jan 20/2006 Deleted
	Figure 03	2 Jan 20/2006 Deleted
21-20-01	Figure 01	2 Jan 20/2006
	Figure 02	2 Jan 20/2006
	Figure 03	2 Jan 20/2006

CESSNA AIRCRAFT COMPANY
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RECORD OF REVISIONS

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CESSNA AIRCRAFT COMPANY
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WIRING DIAGRAM MANUAL

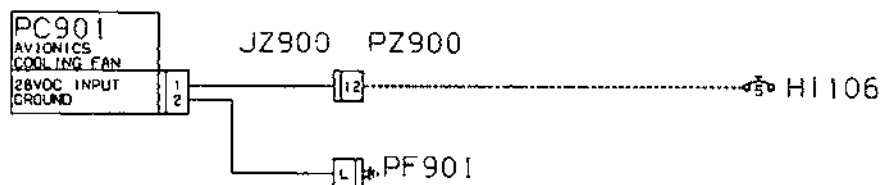
<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
AVIONICS COOLING FAN-STANDARD, NAV I, NAV II	21-20-00	01	
AVIONICS COOLING FAN-STANDARD, NAV I, NAV II, NAV II W/HSI, NAV III	21-20-00	02	
AVIONICS COOLING FAN-STANDARD, NAV I, NAV I W/ADF, NAV II, NAV II W/ADF, NAVII W/HSI, NAV II W/ADF/HSI, NAV II W/HSI/MFD	21-20-00	03	

CESSNA AIRCRAFT COMPANY
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NOTES:

1. ALL WIRE 22 GAUGE.

➤ CONNECTOR SUPPLIED WITH COOLING FAN.



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AVIONICS COOLING FAN
 FIGURE 01 (SHEET 1)

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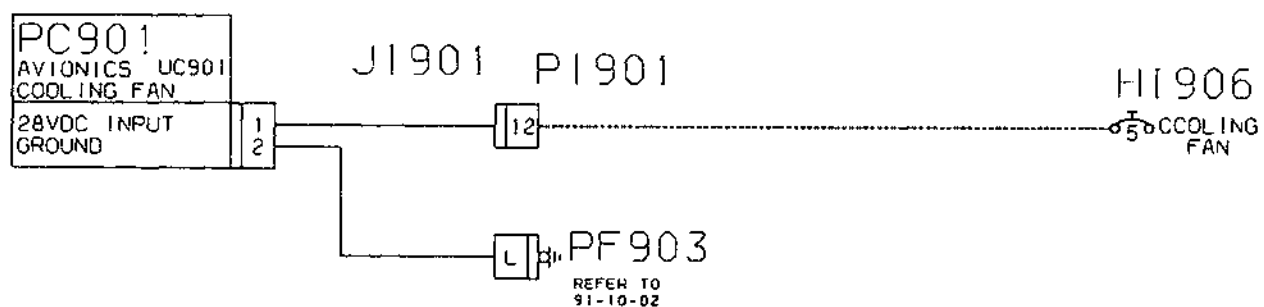
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
01			AVIONICS COOLING FAN-STANDARD, NAV I, NAV II 17280001 THRU 17280003		
	HJ106	S1360-5L	. CIRCUIT BREAKER AVIONICS FAN		01 R
	JZ900	S2350-3	. CONNECTOR (ZONE 220).		01 R
-		S2353-4	. . PINS		AR R
-		S2353-5	. . PINS		AR R
	PC901	03-06-1023	. CONNECTOR AVIONICS COOLING FAN (ZONE 120) V27264		01 R
-		S2216-4	. . SOCKET		AR R
	PF901	S2526-1	. CONNECTOR GROUND		01 R
-		S2099-4	. . CONTACT		AR R
	PZ900	S2349-1	. CONNECTOR WING LEVELER DISCONNECT (ZONE 220)		01 R
-		S2099-3	. . CONTACTS		AR R
-		S2099-4	. . CONTACTS		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
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 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE.



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AVIONICS COOLING FAN
 FIGURE 02 (SHEET 1)

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MODEL 172
WIRING DIAGRAM MANUAL

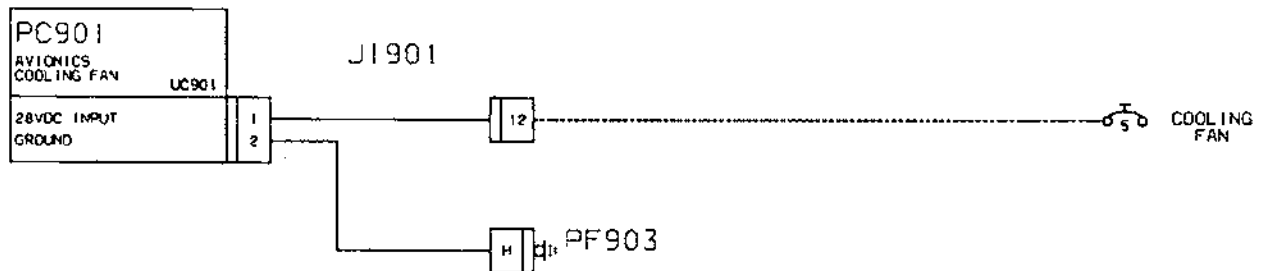
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
02		AVIONICS COOLING FAN-STANDARD, NAV I, NAV II, NAV II W/HSI, NAV III STANDARD, NAV I, NAV II 17280004 THRU 17280983 172S8001 THRU 172S8703 NAV II W/HSI 17280694 THRU 17280983 172S8113 THRU 172S8703 NAV III, NAV III W/HSI 172S8372 THRU 172S8703		
H1906	1610-128-050A7	CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	. . . PIN		AR R
PC901	03-06-1023	CONNECTOR AVIONICS COOLING FAN (ZONE 120)	V27264	01 R
-	S2216-4	. . . SOCKET		AR R
PF903	SK2701	CONNECTOR (ZONE 221)		01 R
-	FC120N2	. . . CONTACT	V28198	AR R
PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-	S2099-3	. . . CONTACT		AR R
-	S2099-4	. . . CONTACT		AR R
UC901	4000014-002	COOLING FAN (ZONE 610)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
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WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE.



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AVIONICS COOLING FAN
FIGURE 03 (SHEET 1)

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WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
			1 2 3 4 5 6 7		
03			AVIONICS COOLING FAN		
			17280984 & ON		
			172S8704 & ON		
			STANDARD, NAV I, NAV I W/ADF, NAV II, NAV II W/ADF, NAVII		
			W/HSI, NAV II W/ADF/HSI, NAV II W/HSI/MFD		
	HI906	1610-128-050A7	CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	JI901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE		01 R
			220)		
-		S2353-5	PIN		AR R
-	PC901	03-06-1023	CONNECTOR AVIONICS COOLING FAN (ZONE 120)	V27264	01 R
-		S2216-4	SOCKET		AR R
-	PF903	SK2701	CONNECTOR (ZONE 221)	V28198	01 R
-		FC116N2	CONTACT	V28198	AR R
-		FC120N2	CONTACT		AR R
-	PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-		S2099-3	CONTACT		AR R
-		S2099-4	CONTACT		AR R
-	UC901	4000014-002	COOLING FAN (ZONE 610)		01 R

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CHAPTER

22

AUTO FLIGHT

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<u>CHAPTER SECTION SUBJECT</u>	<u>NUMBER OF PAGES</u>	<u>DATE</u>
22-Title	1	
22-List of Effective Pages	1	Jan 20/2006
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22-10-01	Figure 01	2 Jan 20/2006
	Figure 02	2 Jan 20/2006
	Figure 03	2 Jan 20/2006
	Figure 04	2 Jan 20/2006
22-10-02	Figure 01	2 Jan 20/2006
	Figure 02	2 Jan 20/2006
	Figure 03	2 Jan 20/2006
22-10-30	Figure 01	4 Jan 20/2006
22-10-31	Figure 01	4 Jan 20/2006
22-10-32	Figure 01	4 Jan 20/2006
22-10-33	Figure 01	4 Jan 20/2006
22-10-40	Figure 01	4 Jan 20/2006
22-10-41	Figure 01	4 Jan 20/2006
22-10-42	Figure 01	4 Jan 20/2006
22-10-43	Figure 01	4 Jan 20/2006
22-10-44	Figure 01	4 Jan 20/2006 Added
22-10-45	Figure 01	6 Jan 20/2006 Added
22-10-46	Figure 01	6 Jan 20/2006 Added

WIRING DIAGRAM MANUAL

RECORD OF REVISIONS

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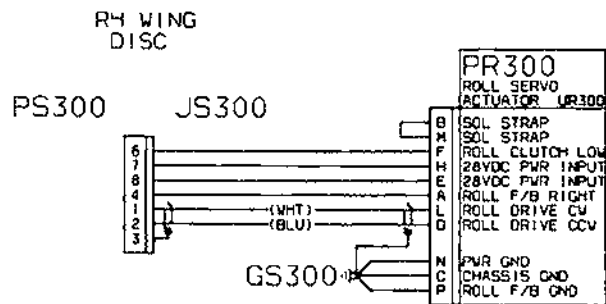
CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
ROLL SERVO ACTUATOR	22-10-01	01	
ROLL SERVO ACTUATOR	22-10-01	02	
ROLL SERVO ACTUATOR	22-10-01	03	
ROLL SERVO ACTUATOR	22-10-01	04	
WING LEVELER-STANDARD, NAV I	22-10-02	01	
WING LEVELER-STANDARD, NAV I	22-10-02	02	
WING LEVELER-STANDARD, NAV I	22-10-02	03	
SINGLE AXIS AUTOPILOT-NAV II	22-10-30	01	
SINGLE AXIS AUTOPILOT-NAV II W/HSI	22-10-31	01	
SINGLE AXIS AUTOPILOT-NAV II	22-10-32	01	
SINGLE AXIS AUTOPILOT-NAV II W/HSI	22-10-33	01	
DUAL AXIS AUTOPILOT-NAV II W/HSI	22-10-40	01	
DUAL AXIS AUTOPILOT-NAV II	22-10-41	01	
DUAL AXIS AUTOPILOT-NAV II W/HSI	22-10-42	01	
DUAL AXIS AUTOPILOT-NAV II	22-10-43	01	

CESSNA AIRCRAFT COMPANY
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 WIRING DIAGRAM MANUAL

NOTES:

1 ALL WIRE 22 AWG, EXCEPT AS NOTED.



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ROLL SERVO ACTUATOR
 FIGURE 01 (SHEET 1)

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MODEL 172
 WIRING DIAGRAM MANUAL

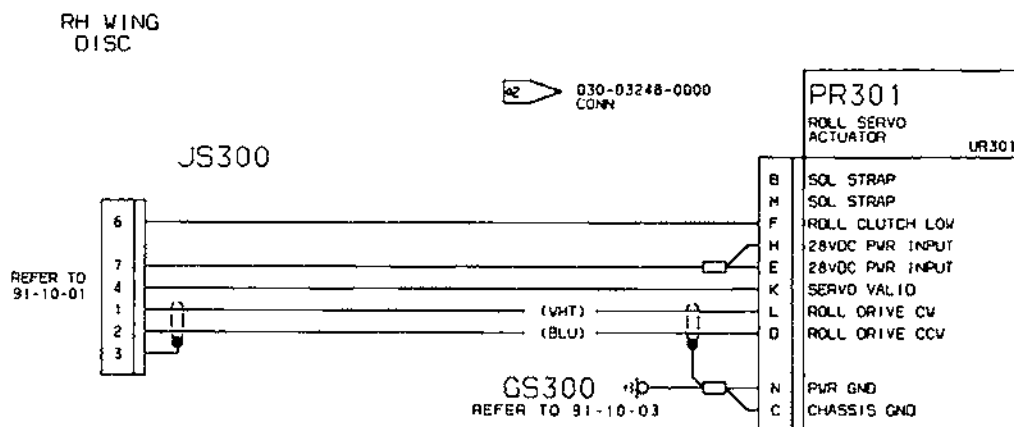
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			ROLL SERVO ACTUATOR		
			17280001 THRU 17280003		
	GS300	3910276-2	. GROUND STUD (ZONE 610)		01 R
	JS300	S1641-9	. CONNECTOR RIGHT WING DISCONNECT (ZONE 210)		01 R
		S1636-1	. . SOCKET		AR R
	PR300	030-2000-00	. CONNECTOR ROLL SERVO ACTUATOR (ZONE 620)	V22373	01 R
		030-1008-00	. . LEVER	V22373	01 R
		030-1009-00	. . HOOD	V22373	01 R
	PS300	S1640-9	. CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01 R
		S1635-1	. . CONTACT		AR R
	UR300		. ACTUATOR ROLL SERVO		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 AWG, EXCEPT AS NOTED.
 2. PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000.



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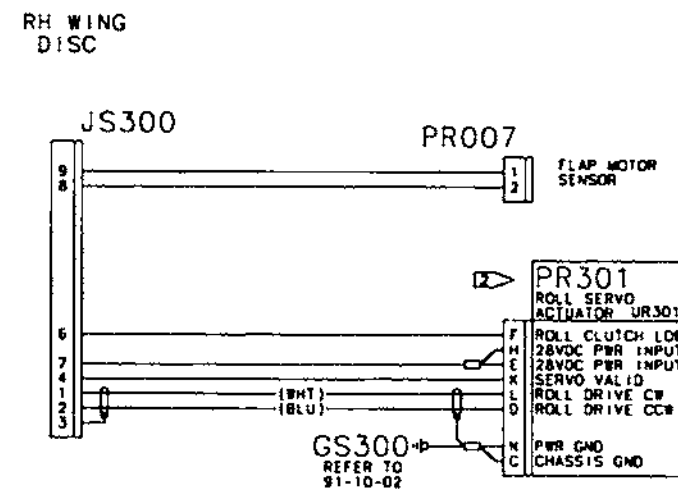
ROLL SERVO ACTUATOR
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
02			ROLL SERVO ACTUATOR 17280004 THRU 17280830 172S8001 THRU 172S8347		
	GS300	3910276-2	. GROUND STUD (ZONE 610)		01 R
	JS300	S1641-9	. CONNECTOR RIGHT WING DISCONNECT (ZONE 210)		01 R
		S1636-1	. . SOCKET		AR R
	PR301	030-03248-0000	. CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01 R
		050-00398-0000	INSTALLATION KIT	V22373	01 R
	UR301		. ACTUATOR ROLL SERVO		RF R

• ITEM NOT ILLUSTRATED

NOTES:
 1. ALL WIRE 22 AWG, EXCEPT AS NOTED.
 2. PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000.
 3. THE DIFFERENCE BETWEEN DASH NUMBERS IS THE
 LENGTH OF THE CABLE ASSEMBLY AS DEFINED ON THE
 AIRCRAFT WIRE ROUTING DRAWING.



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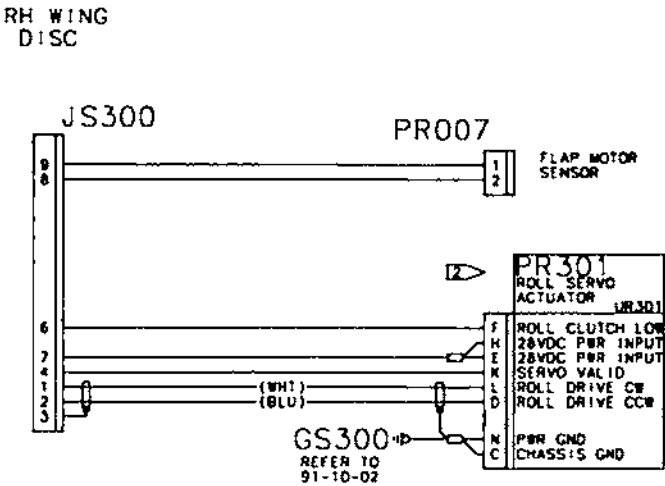
ROLL SERVO ACTUATOR
 Figure 03 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1234567			
03			ROLL SERVO ACTUATOR		
			17280831 THRU 17280983		
			172S8348 THRU 172S8703		
GS300	3910276-2		GROUND STUD (ZONE 610)		01
JS300	S1641-9		CONNECTOR RIGHT WING DISCONNECT (ZONE 210)		01
-	S1636-1		SOCKET		AR
PR007	S1638-1		CONNECTOR AVIONICS FLAP ACTUATOR DISCONNECT (ZONE 610)		01
-	S1636-1		CONTACT		AR
PR301	030-03248-0000		CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
-	050-00398-0000		INSTALLATION KIT	V22373	01
UR301			ACTUATOR ROLL SERVO		RF

- ITEM NOT ILLUSTRATED

NOTES:
1. ALL WIRE 22 AWG, EXCEPT AS NOTED.
2. PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000.
3. THE DIFFERENCE BETWEEN DASH NUMBERS IS THE LENGTH OF THE CABLE ASSEMBLY AS DEFINED ON THE AIRCRAFT WIRE ROUTING DRAWING.



- ① CABLE ASSY - 172 ROLL SERVO
- ② CABLE ASSY - 182 ROLL SERVO
- ③ CABLE ASSY - 206 ROLL SERVO

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ROLL SERVO ACTUATOR
Figure 04 (Sheet 1)

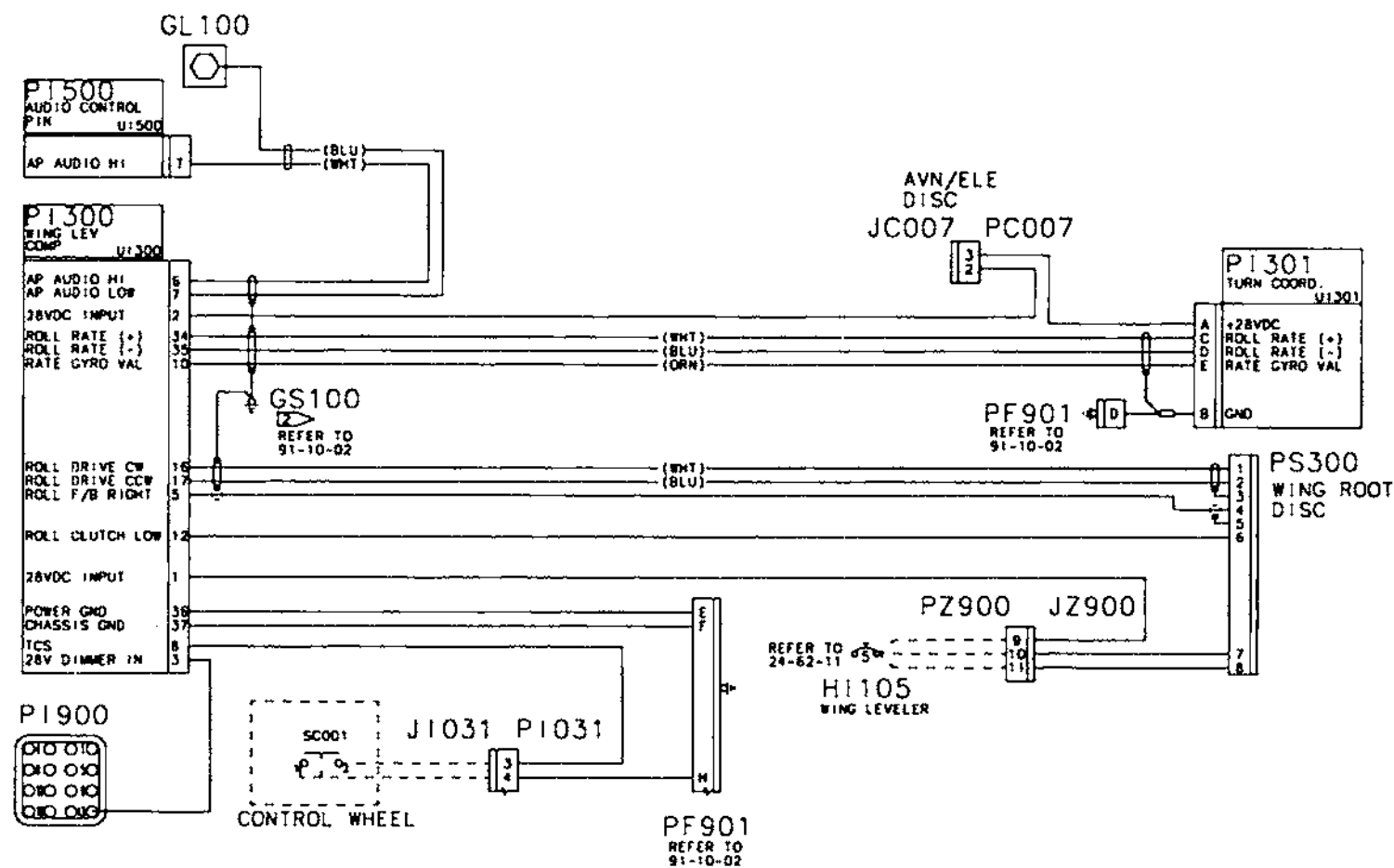
CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
04		ROLL SERVO ACTUATOR 17280984 & ON 172S8704 & ON		
GS300	3910276-2	GROUND STUD (ZONE 610)		01 R
JS300	S1641-9	CONNECTOR RIGHT WING DISCONNECT (ZONE 210)		01 R
	S1636-1	SOCKET		AR R
PR007	S1638-1	CONNECTOR AVIONICS FLAP ACTUATOR DISCONNECT (ZONE 610)		01 R
	S1636-1	CONTACT		AR R
PR301	030-03248-0000	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01 R
	050-00398-0000	INSTALLATION KIT	V22373	01 R
UR301		ACTUATOR ROLL SERVO		RR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:
 1 ALL WIRE 22 AWG. EXCEPT AS NOTED.
 2 GND STUD IS LOCATED ON THE BACK OF THE WING LEVELER COMPUTER RACK.



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WING LEVELER
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

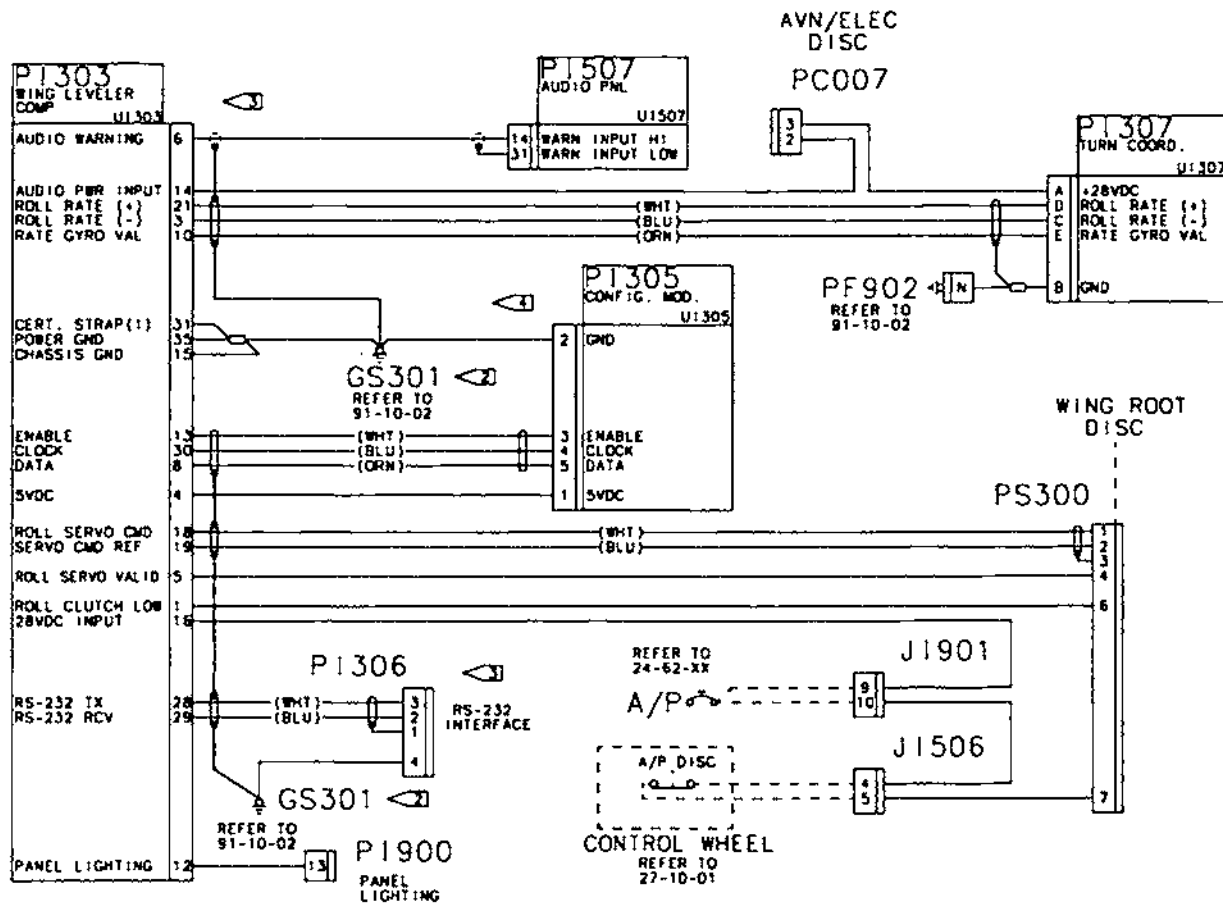
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			WING LEVELER		
			17280001 THRU 17280003		
			STANDARD, NAV I		
	GL100	008-0041-00	GROUND	V22373	01 R
	GS100		GROUND STUD		RF R
	HI105	S1360-5L	CIRCUIT BREAKER WING LEVELER		01
	JC007	S1641-1	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		01
		S1636-1	PINS		AR
	J1031		CONNECTOR		RF R
	JZ900	S2350-3	CONNECTOR (ZONE 220)		01
		S2353-4	PINS		AR
		S2353-5	PINS		AR
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01
		S1635-1	PIN		AR
	PF901	S2526-1	CONNECTOR GROUND		01
		S2099-4	CONTACT		AR
	PI031		CONNECTOR		RF R
		S1636-1	CONTACT		02 R
	PI300	030-01175-0000	CONNECTOR WING LEVELER COMPUTER DISCONNECT (ZONE 225)		01
	PI301	MS3106F14S-5S	CONNECTOR TURN COORDINATOR (ZONE 220)		01
	PI500	030-1094-58	PANEL AUDIO (ZONE 225)	V22373	01
		030-1107-46	PIN	V22373	AR
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
		LMD6106P	BUSSING MODULE	V49367	01
		LMS01T-TL	SPLICE CONNECTOR	V49367	01
		S2353-5	PIN		AR
	PS300	S1640-9	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
		S1635-1	CONTACT		AR
	PZ900	S2349-1	CONNECTOR WING LEVELER DISCONNECT (ZONE 220)		01
		S2099-3	CONTACTS		AR
		S2099-4	CONTACTS		AR
	UI300		COMPUTER WING LEVELER		RF
	UI301		GAGE TURN COORDINATOR		RF
	UI500		PANEL AUDIO		RF

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

- NOTES:
- 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
 - 2 GND STUD IS LOCATED ON THE BACK OF THE WING LEVELER COMPUTER RACK.
 - 3 PART OF ALLIED SIGNAL INSTL KIT D50-03375-0000.
 - 4 PART OF ALLIED SIGNAL KIT D50-03245-0000.



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WING LEVELER
Figure 02 (Sheet 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

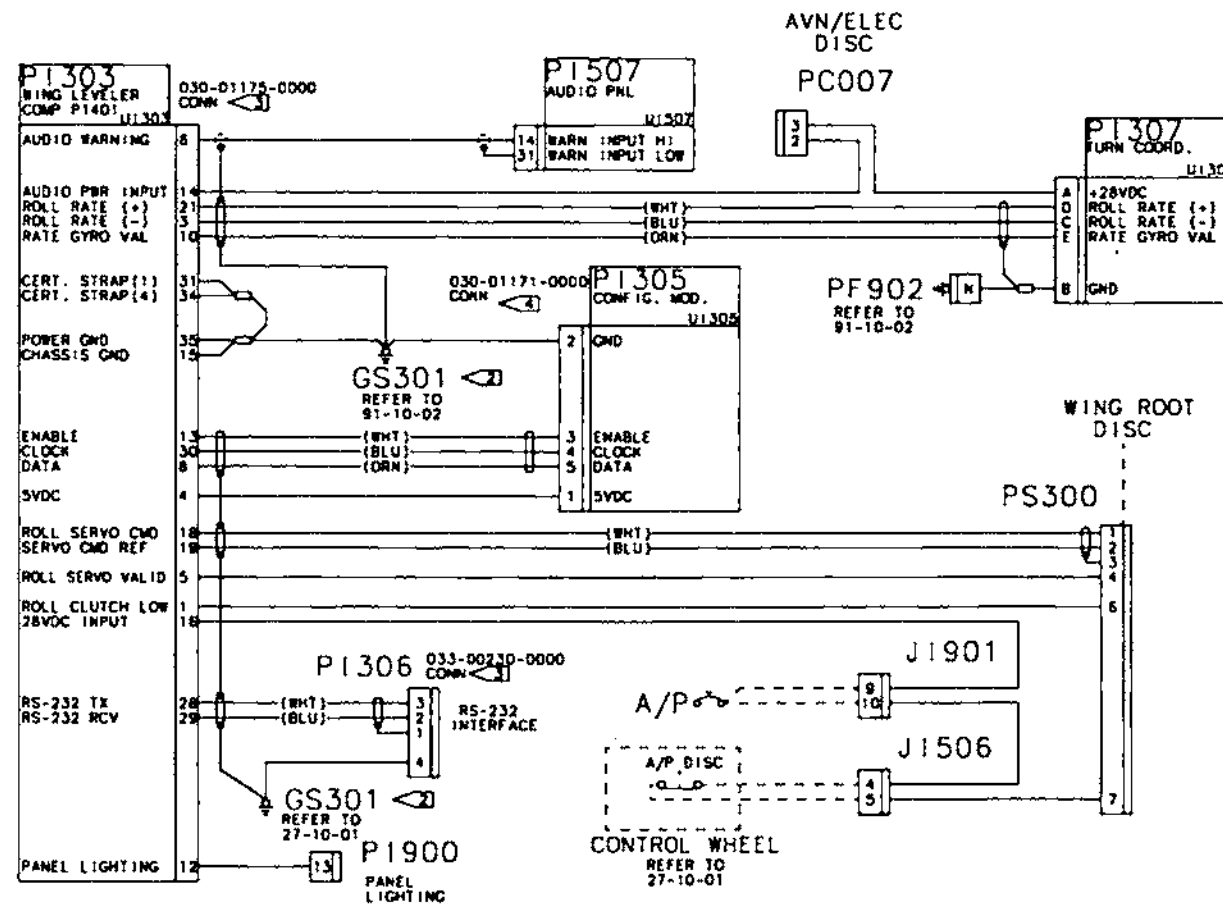
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
		1 2 3 4 5 6 7			ASSY
02			WING LEVELER-STANDARD, NAV I		
			17280004 THRU 17280830		
			172S8001 THRU 172S8347		
GS301	3910276-2		GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01 R
HI905	1610-128-050A7		CIRCUIT BREAKER AUTOPILOT (ZONE 224) V76374		01 R
JI506	S1641-6		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
	S1636-1		SOCKET		AR R
JI901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	S2353-5		PIN		AR R
P1	S1641-9		CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
	S1636-1		SOCKET		AR R
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
	S1635-1		PIN		AR R
PF902	SK2701		CONNECTOR GROUND (ZONE 221) V28198		01 R
	FC116N2		CONTACT		AR R
	FC120N2		CONTACT		AR R
PI303	030-01175-0000		CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01 R
	050-03375-0001		CONNECTOR KIT		01 R
PI305	030-01171-0000		CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220) V22373		01 R
	050-03245-0000		CONNECTOR KIT		01 R
PI306	033-00230-0000		CONNECTOR RS-232 INTERFACE (ZONE 120)		01 R
	050-03375-0000		CONNECTOR KIT		01 R
PI307	97-4106A14S-5S		CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220) V77820		01 R
	97-3057-1007-1		BACKSHELL	V77820	01 R
	9755-1622S-4		SOCKET	V77820	AR R
PI507	050-03392-0000		CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	LMD6106P		BUSSING MODULE	V49367	01 R
	LMS01T-TL		SPLICE CONNECTOR	V49367	01 R
PI901	S2349-1		CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224)		01 R
	S2099-3		CONTACT		AR R
	S2099-4		CONTACT		AR R
PS300	S1640-9		CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01 R
	S1635-1		CONTACT		AR R
UI303			COMPUTER AUTO PILOT (ZONE 225)		RF R
UI305			MODULE CONFIGURATION (ZONE 211)		RF R
UI307			TURN COORDINATOR		RF R
UI507	066-01155-0101		PANEL AUDIO (ZONE 225) V22373	80001 80601	01 R
	066-01155-0201		ALTERNATE FOR 066-01155-0101	V22373	01 R
UI507	066-01155-0201		PANEL AUDIO (ZONE 225) V22373	80602 80720	01 R
				S8001 S8189	
UI507	S3100-160		PANEL AUDIO (ZONE 225)	80721 80983	01 R
				S8190 S8703	

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

- 1 ALL WIRE 22 AWG. EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE WING LEVELER COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0000.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.



3924121A1

WING LEVELER
 Figure 03 (Sheet 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
03			WING LEVELER		
			17280831 THRU 17280983		
			172S8348 THRU 172S8703		
			STANDARD, NAV I		
GS301	3910276-2		GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
J1506	S1641-6		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01
-	S1636-1		SOCKET		AR
J1901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
-	S2353-5		PIN		AR
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01
-	S1635-1		PIN		AR
PF902	SK2701		CONNECTOR GROUND (ZONE 221)	V28198	01
-	FC116N2		CONTACT		AR
-	FC120N2		CONTACT	V28198	AR
PI303	030-01175-0000		CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
-	050-03375-0001		PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI305	030-01171-0000		CONNECTOR KIT		01
-			CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220)	V22373	01
-	050-03245-0000		PART OF ALLIED SIGNAL KIT 050-03245-0000		
PI306	033-00230-0000		CONNECTOR KIT	V22373	01
-			CONNECTOR RS-232 INTERFACE (ZONE 120)		01
-	050-03375-0000		PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI307	97-4106A14S-5S		CONNECTOR KIT		01
-	97-3057-1007-1		CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220).	V77820	01
-	9755-1622S-4		BACKSHELL	V77820	01
PI507	050-03392-0000		SOCKET	V77820	AR
PI900	S3070-9		CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
-	LMD6106P		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
-	LMS01T-TL		BUSSING MODULE	V49367	01
-	S2353-5		SPLICE CONNECTOR	V49367	01
-	S1640-9		PIN		AR
PS300	S1635-1		CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
-			CONTACT		AR
UI303			COMPUTER AUTO PILOT (ZONE 225)		RF
UI305			MODULE CONFIGURATION (ZONE 211)		RF
UI307			TURN COORDINATOR		RF
UI507	S3100-160		PANEL AUDIO (ZONE 225)	80721 80983 8190 8703	01

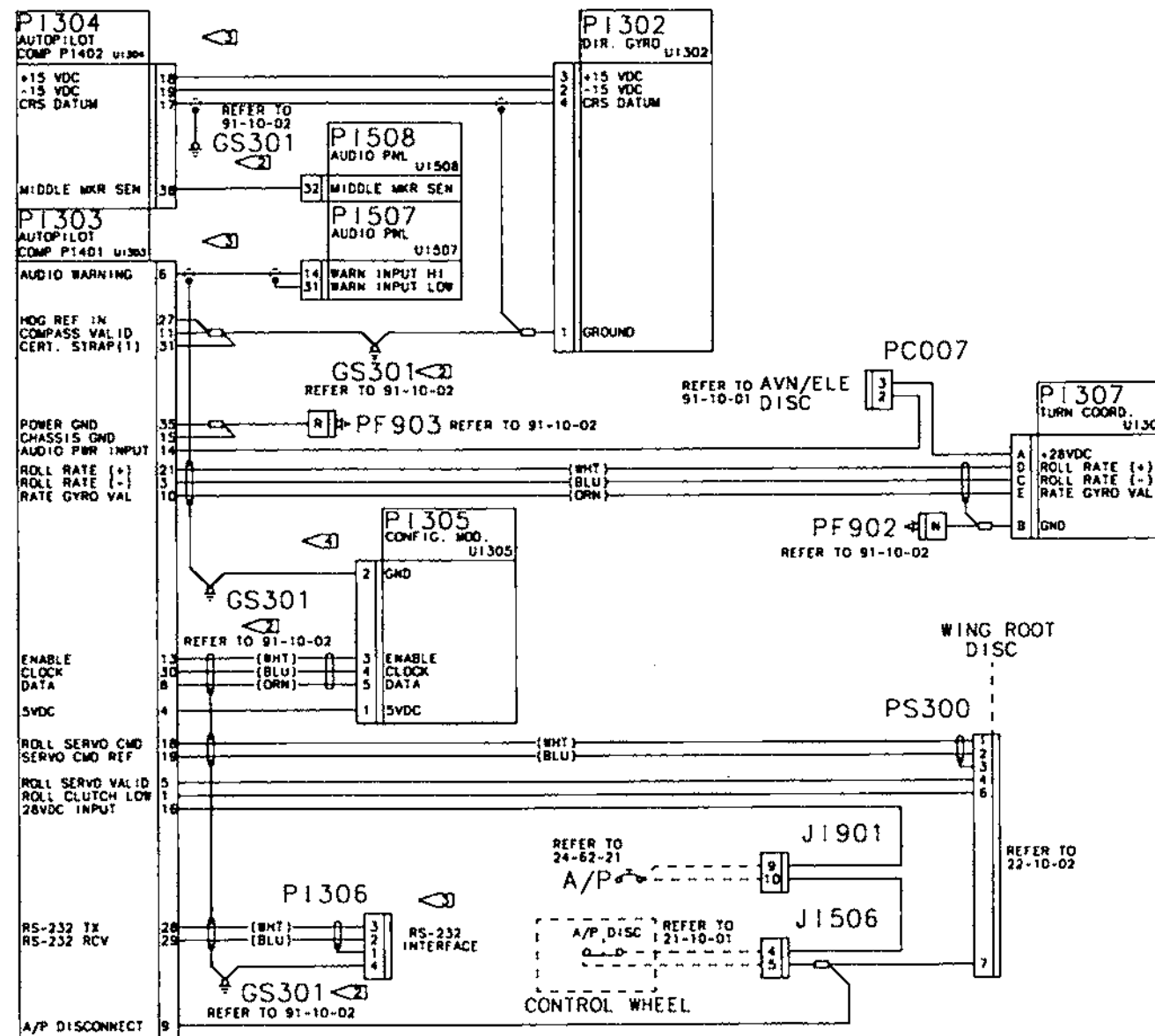
- ITEM NOT ILLUSTRATED

Figure 03

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

- NOTES:
 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0000.
 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.



3924105A1

SINGLE AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			SINGLE AXIS AUTOPILOT-NAV II		
			17280001 THRU 17280830		
			172S8001 THRU 172S8347		
GS301	3910276-2		GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01 R
JI506	S1641-6		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
	S1636-1		SOCKET		AR R
JI901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	S2353-5		PIN		AR R
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
	S1635-1		PIN		AR R
PF902	SK2701		CONNECTOR GROUND (ZONE 221) V28198		01 R
	FC116N2		CONTACT		AR R
	FC120N2		CONTACT		AR R
PF903	SK2701		CONNECTOR (ZONE 221)		01 R
	FC120N2		CONTACT V28198		AR R
PI302	D01PB406NT-837		CONNECTOR DIRECTIONAL GYRO DISCONNECT (ZONE 220) V50541		01 R
	YSK006-11AH		SOCKET V50541		AR R
PI303	030-01175-0000		CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01 R
	050-03375-0001		CONNECTOR KIT		01 R
PI304	030-01176-0000		CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01 R
	050-003375-0000		CONNECTOR KIT		01 R
PI306	033-00230-0000		CONNECTOR RS-232 INTERFACE (ZONE 120)		01 R
	050-03375-0000		CONNECTOR KIT		01 R
PI307	97-4106A14S-5S		CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220) V77820		01 R
	97-3057-1007-1		BACKSHELL V77820		01 R
	9755-1622S-4		SOCKET V77820		AR R
PI507	050-03392-0000		CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI508	050-03392-0000		CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PS300	S1640-9		CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01 R
	S1635-1		CONTACT		AR R
UI302	S3330-1		GYRO DIRECTIONAL (ZONE 220)		01 R
UI303			COMPUTER AUTO PILOT (ZONE 225)		RF R
UI304			COMPUTER AUTO PILOT (ZONE 225)		RF R
UI305			MODULE CONFIGURATION (ZONE 211)		RF R
UI307			TURN COORDINATOR		RF R
UI507	066-01155-0101		PANEL AUDIO (ZONE 225) V22373 80001 80601		01 R
	066-01155-0201		ALTERNATE FOR 066-01155-0101 V22373		01 R
UI507	066-01155-0201		PANEL AUDIO (ZONE 225) V22373 80602 80720		01 R
			 S8001 S8189		
UI507	S3100-160		PANEL AUDIO (ZONE 225)		01 R
			 80721 80983		
UI508			PANEL AUDIO		RF R
			 S8190 S8703		

• ITEM NOT ILLUSTRATED

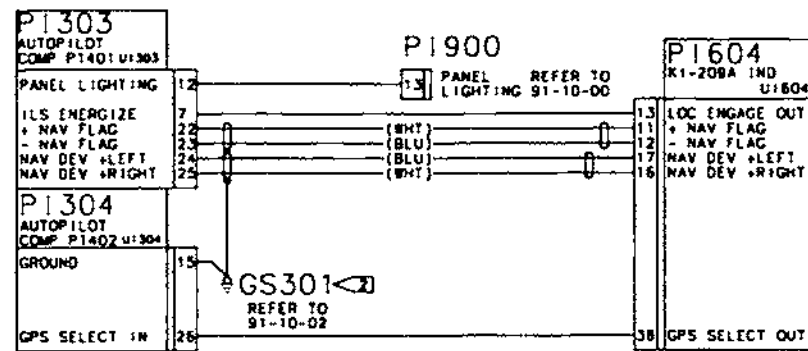
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 AWG, EXCEPT AS NOTED.
2. GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.



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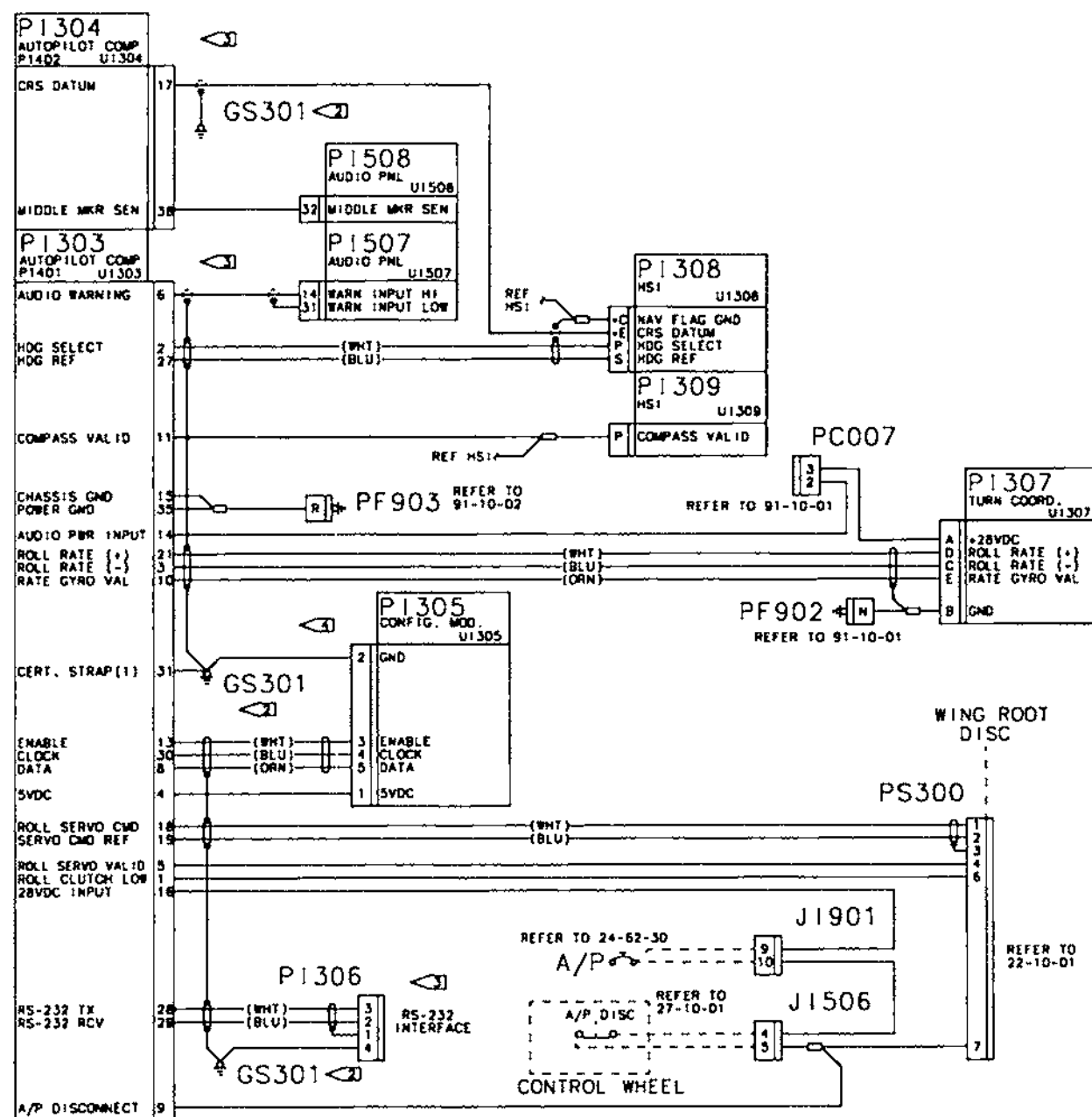
SINGLE AXIS AUTOPILOT
 Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		SINGLE AXIS AUTOPILOT 17280001 THRU 17280830 172S8001 THRU 172S8347 NAV II		
GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
	050-03375-0001	PART OF ALLIED SIGNAL KIT 050-03375-0001		
		CONNECTOR KIT		01
PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
		PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0000	CONNECTOR KIT		01
PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01
	050-01550-0001	CONNECTOR KIT		01
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
	LMD6106P	BUSSING MODULE	V49367	01
	LMS01T-TL	SPLICE CONNECTOR	V49367	01
	S2353-5	PIN		AR
UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
UI604	S3100-158	INDICATOR KI-209A (ZONE 210)	80780 & ON 8262 & ON	01

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- 1 ALL WIRE 22 AWG. EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0000.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.

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SINGLE AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

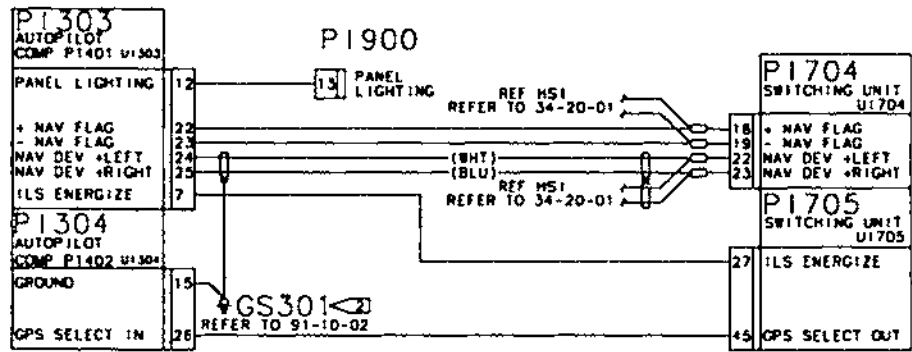
MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		SINGLE AXIS AUTOPILOT 17280694 THRU 17280830 172S8113 HTRU 172S8347 NAV II W/HSI		
GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
J1506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01
-	S1636-1	SOCKET		AR
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
-	S2353-5	PIN		AR
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01
-	S1635-1	PIN		AR
PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01
-	FC116N2	CONTACT		AR
-	FC120N2	CONTACT	V28198	AR
PF903	SK2701	CONNECTOR (ZONE 221).	V28198	01
-	FC116N2	CONTACT	V28198	AR
-	FC120N2	CONTACT		AR
PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
-	050-03375-0001	PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI304	030-01176-0000	CONNECTOR KIT		01
-	050-03375-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
-	050-03375-0000	PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI305	030-01171-0000	CONNECTOR KIT		01
-	050-03245-0000	CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220)	V22373	01
-	050-03245-0000	PART OF ALLIED SIGNAL KIT 050-03245-0000		
PI306	033-00230-0000	CONNECTOR KIT	V22373	01
-	050-03375-0000	CONNECTOR RS-232 INTERFACE (ZONE 120)		01
-	97-4106A14S-5S	PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI307	97-3057-1007-1	CONNECTOR KIT		01
-	9755-1622S-4	CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220).	V77820	01
-	030-02153-0000	BACKSHELL	V77820	01
PI308	050-01344-0002	SOCKET	V77820	AR
-	S2800-216	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01
-	030-02178-0000	CONNECTOR KIT		01
PI309	050-01344-0002	BACKSHELL		01
-	S2800-216	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01
PI507	050-03392-0000	CONNECTOR KIT		01
PI508	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
PS300	S1640-9	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
-	S1635-1	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610).		01
UI303		CONTACT		AR
UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
UI305		COMPUTER AUTO PILOT (ZONE 225)		RF
UI307		MODULE CONFIGURATION (ZONE 211).		RF
UI308	066-03046-0007	TURN COORDINATOR		RF
UI309	066-3046-07	INDICATOR HSI		01
UI507	066-01155-0201	INDICATOR HSI	V22373	01
-		PANEL AUDIO (ZONE 225)	V22373	01
UI507	S3100-160	PANEL AUDIO (ZONE 225)	80602 80720 8001 8189 80721 80983	01
UI507	066-01176-0101	PANEL AUDIO (ZONE 225)	8190 8703 80984 & ON 8704 & ON	01
UI508		PANEL AUDIO		RF

- ITEM NOT ILLUSTRATED

NOTES:
1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.



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SINGLE AXIS AUTOPILOT
Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

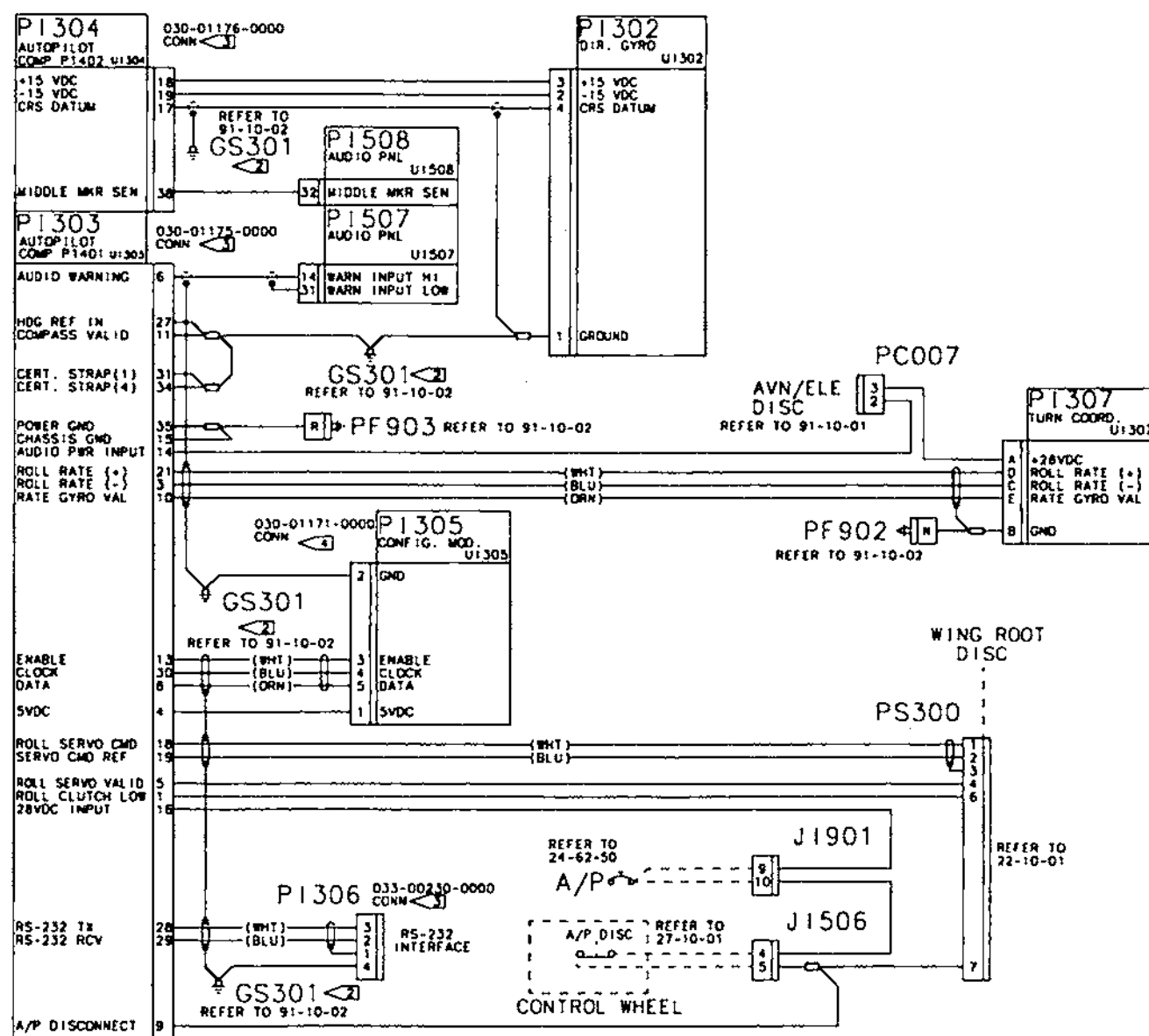
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			SINGLE AXIS AUTOPILOT		
			17280694 THRU 17280830		
			172S8113 THRU 172S8347		
			NAV II W/HSI		
GS301	3910276-2		GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
PI303	030-01175-0000		CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0001		CONNECTOR KIT		01
PI304	030-01176-0000		CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE		01
			225)		
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0000		CONNECTOR KIT		01
PI704	RD50F10JVL0		CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V26198 80694 & ON	01
				8113 & ON	
PI705	RD50M10JVL0		CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON	01
				8113 & ON	
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
-	LMD6106P		BUSSING MODULE	V49367	01
-	LMS01T-TL		SPLICE CONNECTOR	V49367	01
-	S2353-5		PIN		AR
UI303			COMPUTER AUTO PILOT (ZONE 225)		RF
UI304			COMPUTER AUTO PILOT (ZONE 225)		RF
UI704			SWITCHING UNIT		RF
UI705			SWITCHING UNIT		RF

• ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

- 1 ALL WIRE 22 AWG. EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0000.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.



3924122A1

SINGLE AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

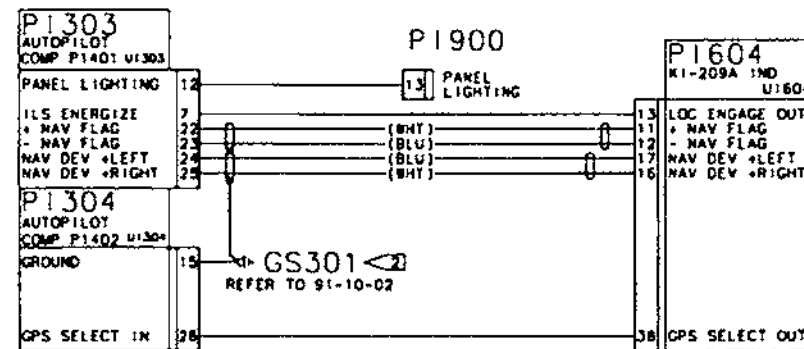
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			SINGLE AXIS AUTOPILOT		
			17280831 THRU 17280983		
			172S8348 THRU 172S8703		
			NAV II		
	GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	J1506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01
		S1635-1	SOCKET		AR
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
		S2353-5	PIN		AR
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01
		S1635-1	PIN		AR
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01
		FC116N2	CONTACT		AR
		FC120N2	CONTACT	V28198	AR
	PF903	SK2701	CONNECTOR (ZONE 221)	V28198	01
		FC116N2	CONTACT	V28198	AR
		FC120N2	CONTACT		AR
	PI302	D01PB406NT-837	CONNECTOR DIRECTIONAL GYRO DISCONNECT (ZONE 220)	V50541	01
		YSK006-11AH	SOCKET	V50541	AR
	PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
		050-03375-0001	PART OF ALLIED SIGNAL KIT 050-03375-0001		
	PI304	030-01176-0000	CONNECTOR KIT		01
			CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
		050-03375-0000	PART OF ALLIED SIGNAL KIT 050-03375-0001		
	PI305	030-01171-0000	CONNECTOR KIT		01
			CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220)	V22373	01
		050-03245-0000	PART OF ALLIED SIGNAL KIT 050-03245-0000		
	PI306	033-00230-0000	CONNECTOR KIT	V22373	01
			CONNECTOR RS-232 INTERFACE (ZONE 120)		01
		050-03375-0000	PART OF ALLIED SIGNAL KIT 050-03375-0001		
	PI307	97-4106A14S-5S	CONNECTOR KIT		01
		97-3057-1007-1	CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220)	V77820	01
		9755-1622S-4	BACKSHELL	V77820	01
			SOCKET	V77820	AR
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
	PI508	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
	PS300	S1640-9	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
		S1635-1	CONTACT		AR
	UI302	S3330-1	GYRO DIRECTIONAL (ZONE 220)		01
	UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI305		MODULE CONFIGURATION (ZONE 211)		RF
	UI307		TURN COORDINATOR		RF
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01
				8190 8703	
	UI507	066-01176-0101	PANEL AUDIO (ZONE 225)	V22373 80984 & ON	01
				8704 & ON	
	UI508		PANEL AUDIO		RF

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:
 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.



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SINGLE AXIS AUTOPILOT
 Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY

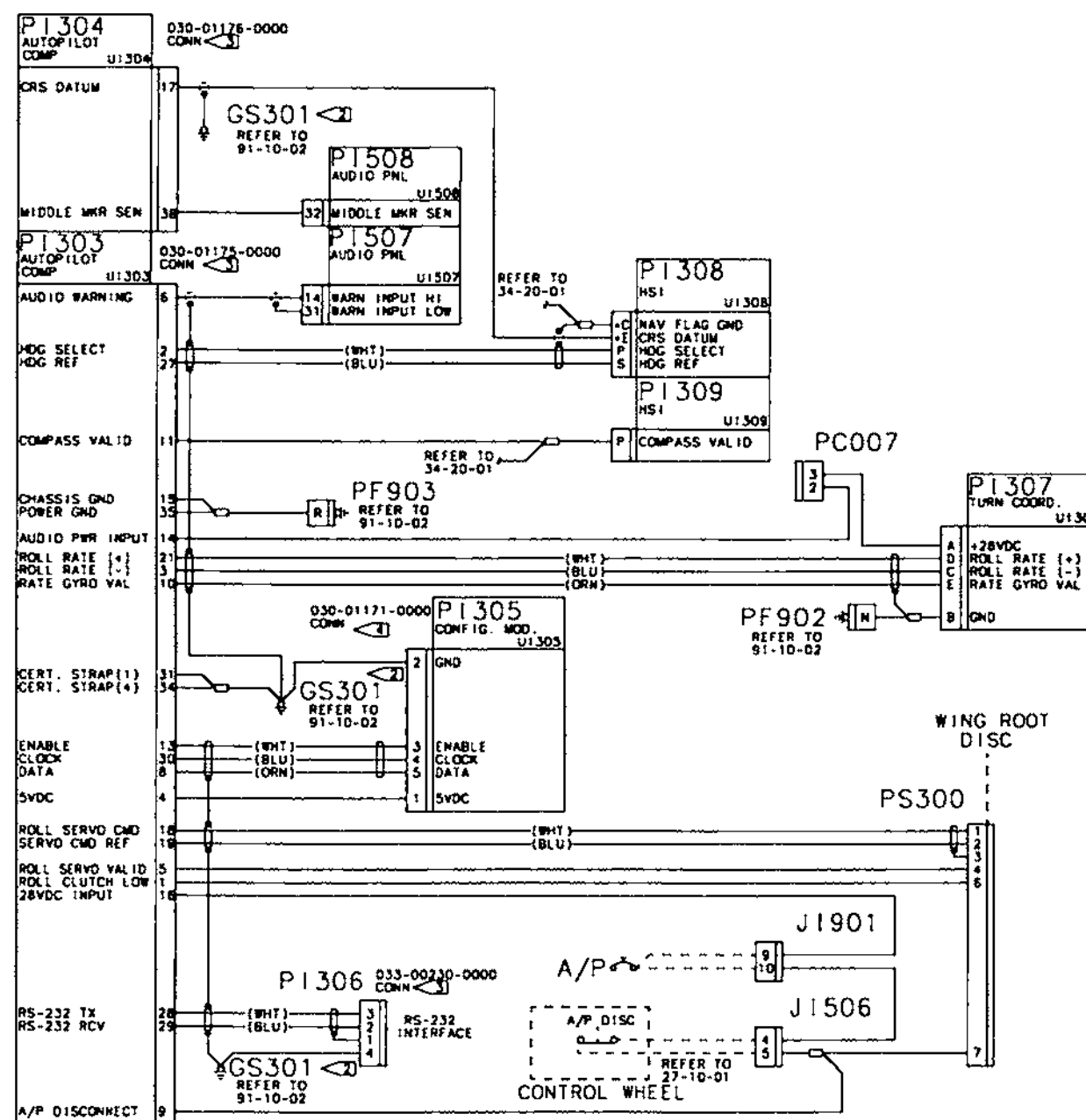
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES		1234567		FROM TO	PER ASSY
01			SINGLE AXIS AUTOPILOT 17280831 THRU 17280983 172S8348 THRU 172S8703 NAV II		
	GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	CONNECTOR KIT		01
	PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01
		050-01550-0001	CONNECTOR KIT		01
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
		LMD6106P	BUSSING MODULE	V49367	01
		LMS01T-TL	SPLICE CONNECTOR	V49367	01
		S2353-5	PIN		AR
	UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI604	S3100-158	INDICATOR KI-209A (ZONE 210)	80780 & ON 8262 & ON	01

ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0000.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.

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SINGLE AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			SINGLE AXIS AUTOPILOT		
			17280831 THRU 17280983		
			172S8348 THRU 172S8703		
			NAV II W/HSI		
	GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	J1506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01
		S1636-1	SOCKET		AR
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
		S2353-5	PIN		AR
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01
		S1635-1	PIN		AR
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01
		FC116N2	CONTACT		AR
		FC120N2	CONTACT	V28198	AR
	PF903	SK2701	CONNECTOR (ZONE 221)	V28198	01
		FC116N2	CONTACT	V28198	AR
		FC120N2	CONTACT	V28198	AR
	PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	CONNECTOR KIT		01
	PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI305	030-01171-0000	CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220)	V22373	01
			PART OF ALLIED SIGNAL KIT 050-03245-0000		
		050-03245-0000	CONNECTOR KIT	V22373	01
	PI306	033-00230-0000	CONNECTOR RS-232 INTERFACE (ZONE 120)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI307	97-4106A14S-5S	CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220)	V77820	01
		97-3057-1007-1	BACKSHELL	V77820	01
		9755-1622S-4	SOCKET	V77820	AR
	PI308	030-02153-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01
		050-01344-0002	CONNECTOR KIT		01
		S2800-216	BACKSHELL		01
	PI309	030-02178-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01
		050-01344-0002	CONNECTOR KIT		01
		S2800-216	BACKSHELL		01
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
	PI508	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
	PS300	S1640-9	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
		S1635-1	CONTACT		AR
	UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI305		MODULE CONFIGURATION (ZONE 211)		RF
	UI307		TURN COORDINATOR		RF
	UI308	066-03046-0007	INDICATOR HSI		01
	UI309	066-3046-07	INDICATOR HSI	V22373	01
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01
				8190 8703	
	UI507	066-01176-0101	PANEL AUDIO (ZONE 225)	V22373 80984 & ON	01
				8704 & ON	
	UI508		PANEL AUDIO		RF

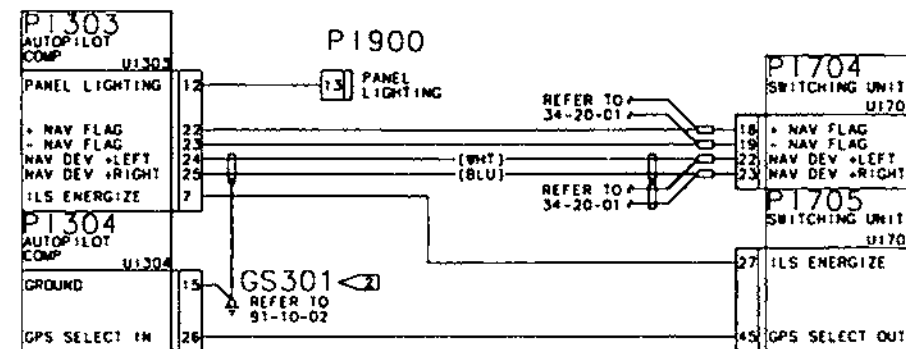
- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:
 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0000.
 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.



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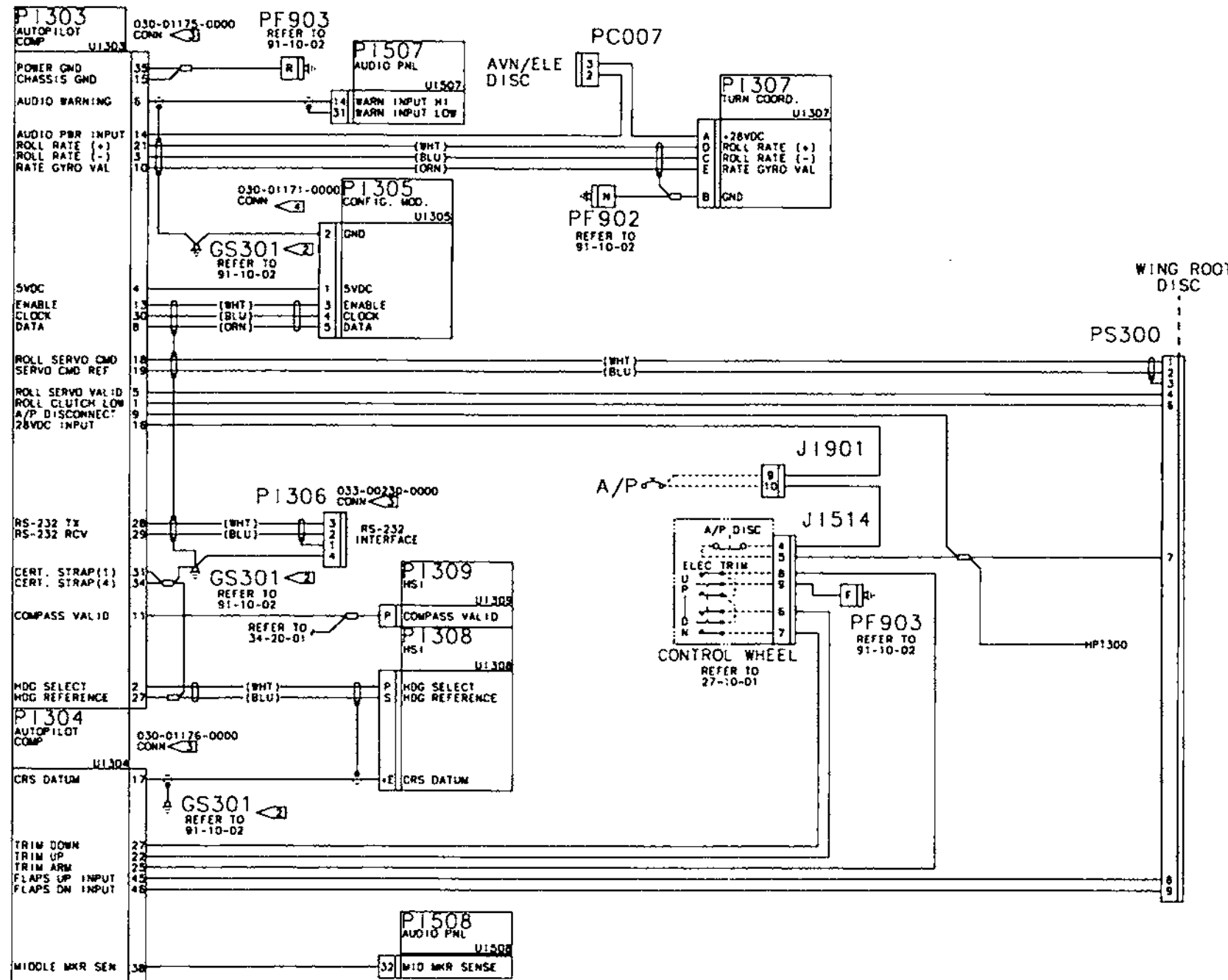
SINGLE AXIS AUTOPILOT
 Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		SINGLE AXIS AUTOPILOT 17280831 THRU 17280983 172S8348 THRU 172S8703 NAV II W/HSI		
GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
	050-03375-0001	PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI304	030-01176-0000	CONNECTOR KIT		01
		CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
	050-03375-0000	PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI704	RD50F10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON 8113 & ON	01
PI705	RD50M10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON 8113 & ON	01
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
-	LMD6106P	BUSSING MODULE	V49367	01
-	LMS01T-TL	SPLICE CONNECTOR	V49367	01
-	S2353-5	PIN		AR
UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
UI704		SWITCHING UNIT		RF
UI705		SWITCHING UNIT		RF

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



- NOTES:**
1. ALL WIRE 22 AWG, EXCEPT AS NOTED.
 2. GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
 3. PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
 4. PART OF ALLIED SIGNAL KIT 050-03245-0000.
 5. GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
 6. PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 REQ)
 7. GND STUD IS LOCATED ON THE PITCH TRIM SERVO MOUNTING RACK.

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DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

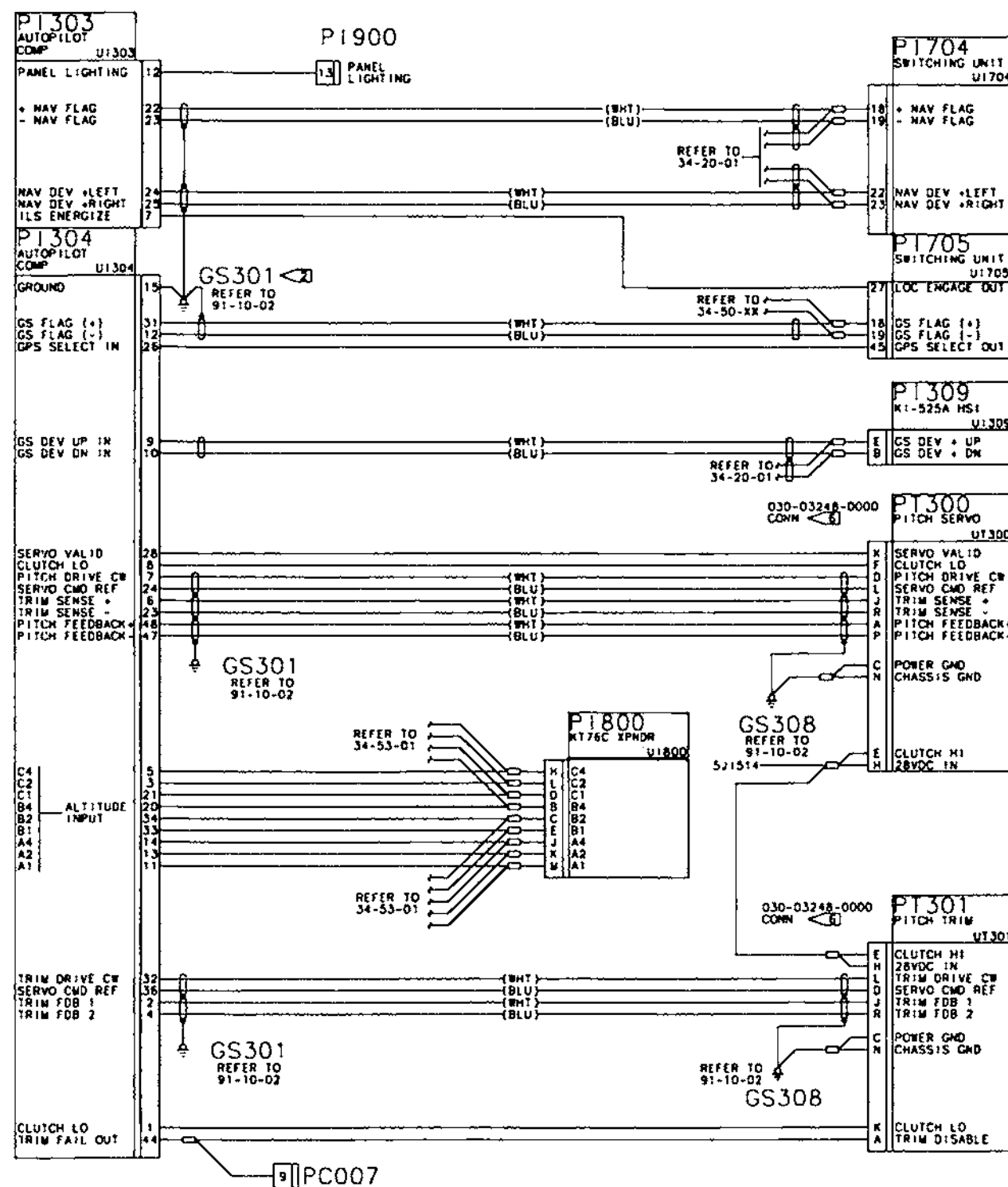
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			DUAL AXIS AUTOPILOT		
			172S8348 THRU 172S8703		
			NAV II W/HSI		
	GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	J1514	S1641-9	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222)		01
		S1536-1	SOCKET		AR
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
		S2353-5	PIN		AR
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01
		S1635-1	PIN		AR
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01
		FC116N2	CONTACT		AR
		FC120N2	CONTACT	V28198	AR
	PF903	SK2701	CONNECTOR (ZONE 221)	V28198	01
		FC116N2	CONTACT	V28198	AR
		FC120N2	CONTACT		AR
	PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	CONNECTOR KIT		01
	PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI305	030-01171-0000	CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220)	V22373	01
			PART OF ALLIED SIGNAL KIT 050-03245-0000		
		050-03245-0000	CONNECTOR KIT	V22373	01
	PI306	033-00230-0000	CONNECTOR RS-232 INTERFACE (ZONE 120)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI307	97-4106A14S-5S	CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220)	V77820	01
		97-3057-1007-1	BACKSHELL	V77820	01
		9755-1622S-4	SOCKET	V77820	AR
	PI308	030-02153-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01
		050-01344-0002	CONNECTOR KIT		01
		S2800-216	BACKSHELL		01
	PI309	030-02178-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01
		050-01344-0002	CONNECTOR KIT		01
		S2800-216	BACKSHELL		01
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
	PI508	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
	PS300	S1640-9	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
		S1635-1	CONTACT		AR
	UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI305		MODULE CONFIGURATION (ZONE 211)		RF
	UI307		TURN COORDINATOR		RF
	UI308	066-03046-0007	INDICATOR HSI		01
	UI309	066-3046-07	INDICATOR HSI	V22373	01
	UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373	01
				80602 80720	
				8001 8189	
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01
				8190 8703	
	UI508		PANEL AUDIO		RF

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- 1 ALL WIRE 22 AWG. EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.
- 5 GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
- 6 PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 RED)
- 7 GND STUD IS LOCATED ON THE PITCH TRIM SERVO MOUNTING RACK.

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DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

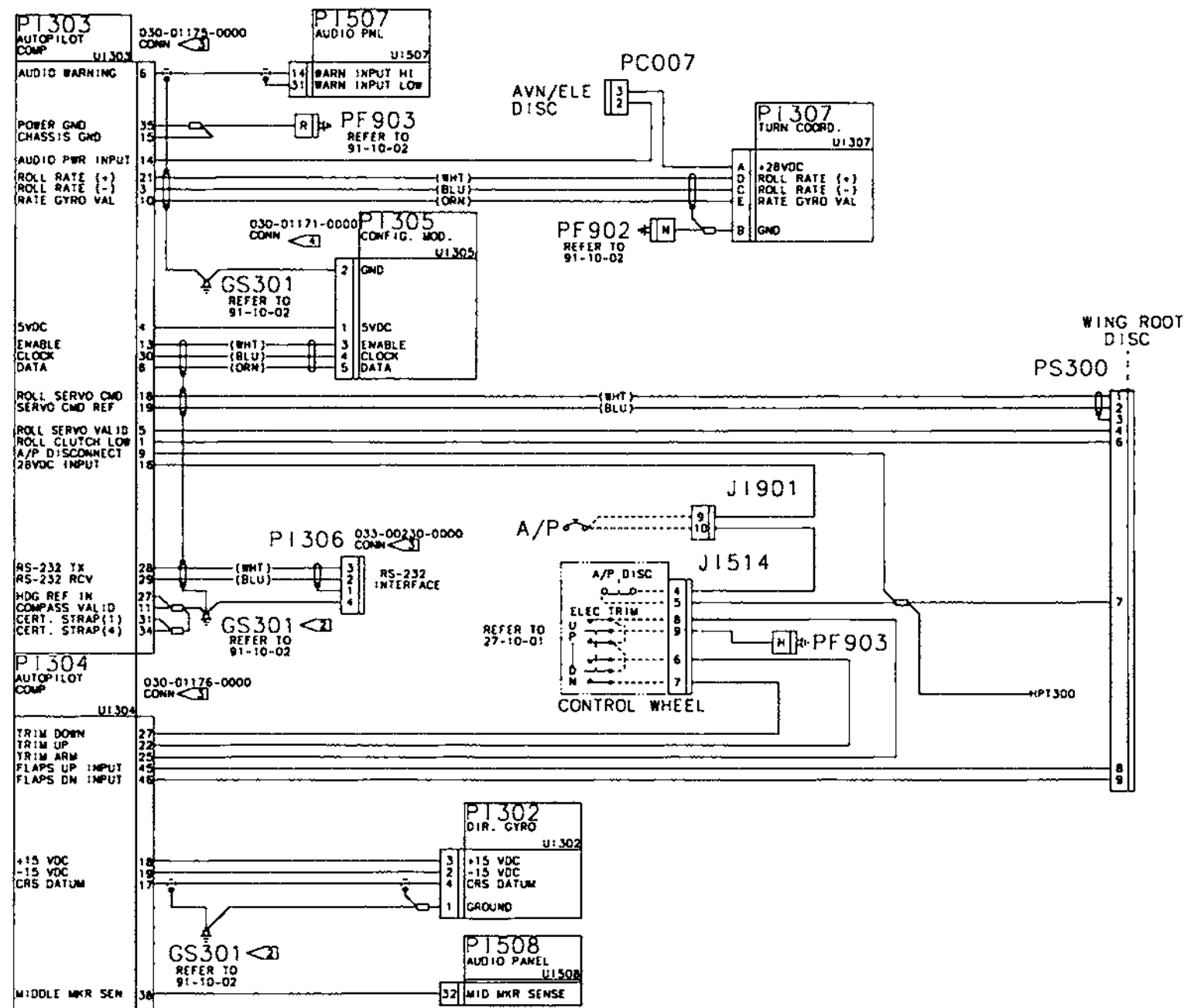
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		DUAL AXIS AUTOPILOT 172S8348 THRU 172S8703 NAV II W/HSI		
GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
GS308	3910276-2	GROUND STUD (ZONE 211)		01
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01
	S1635-1	PIN		AR
PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
	050-03375-0001	PART OF ALLIED SIGNAL KIT 050-03375-0001		
PI304	030-01176-0000	CONNECTOR KIT		01
	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
	050-03375-0000	PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0000	CONNECTOR KIT		01
PI309	030-02178-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01
	050-01344-0002	CONNECTOR KIT		01
	S2800-216	BACKSHELL		01
PI704	RD50F10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON	01
			8113 & ON	
PI705	RD50M10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON	01
			8113 & ON	
PI800	030-01094-0002	CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01
	050-01577-0001	CONNECTOR KIT		01
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
	LMD6106P	BUSSING MODULE	V49367	01
	LMS01T-TL	SPLICE CONNECTOR	V49367	01
	S2353-5	PIN		AR
PT300	030-03248-0000	CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
	050-00398-0000	PART OF ALLIED SIGNAL KIT 050-00398-0000		
PT301	030-03248-0000	CONNECTOR KIT		02
	030-03248-0000	CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
	050-00398-0000	PART OF ALLIED SIGNAL KIT 050-00398-0000		
	050-00398-0000	CONNECTOR KIT		02
UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
UI309	066-3046-07	INDICATOR HSI	V22373	01
UI704		SWITCHING UNIT		RF
UI705		SWITCHING UNIT		RF
UI800	066-01156-0101	TRANSPONDER KT-76C (ZONE 225)		01
UT300	065-00178-2200	ACTUATOR PITCH TRIM (ZONE 310)	8348 8422	01
UT300	S3100-180	ACTUATOR PITCH SERVO (ZONE 310)	80888 81110	01
			8423 9068	
UT301	065-00180-0400	ACTUATOR PITCH TRIM (ZONE 310)	V22373 80984 & ON	01
			8348 8422	
UT301	S3100-180	ACTUATOR PITCH TRIM (ZONE 310)	80888 81110	01
			8423 9068	

• ITEM NOT ILLUSTRATED

Figure 01

Page 3

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22 AWG, EXCEPT AS NOTED.
2. GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
3. PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
4. PART OF ALLIED SIGNAL KIT 050-03245-0000.
5. GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
6. PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 REQ)

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DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

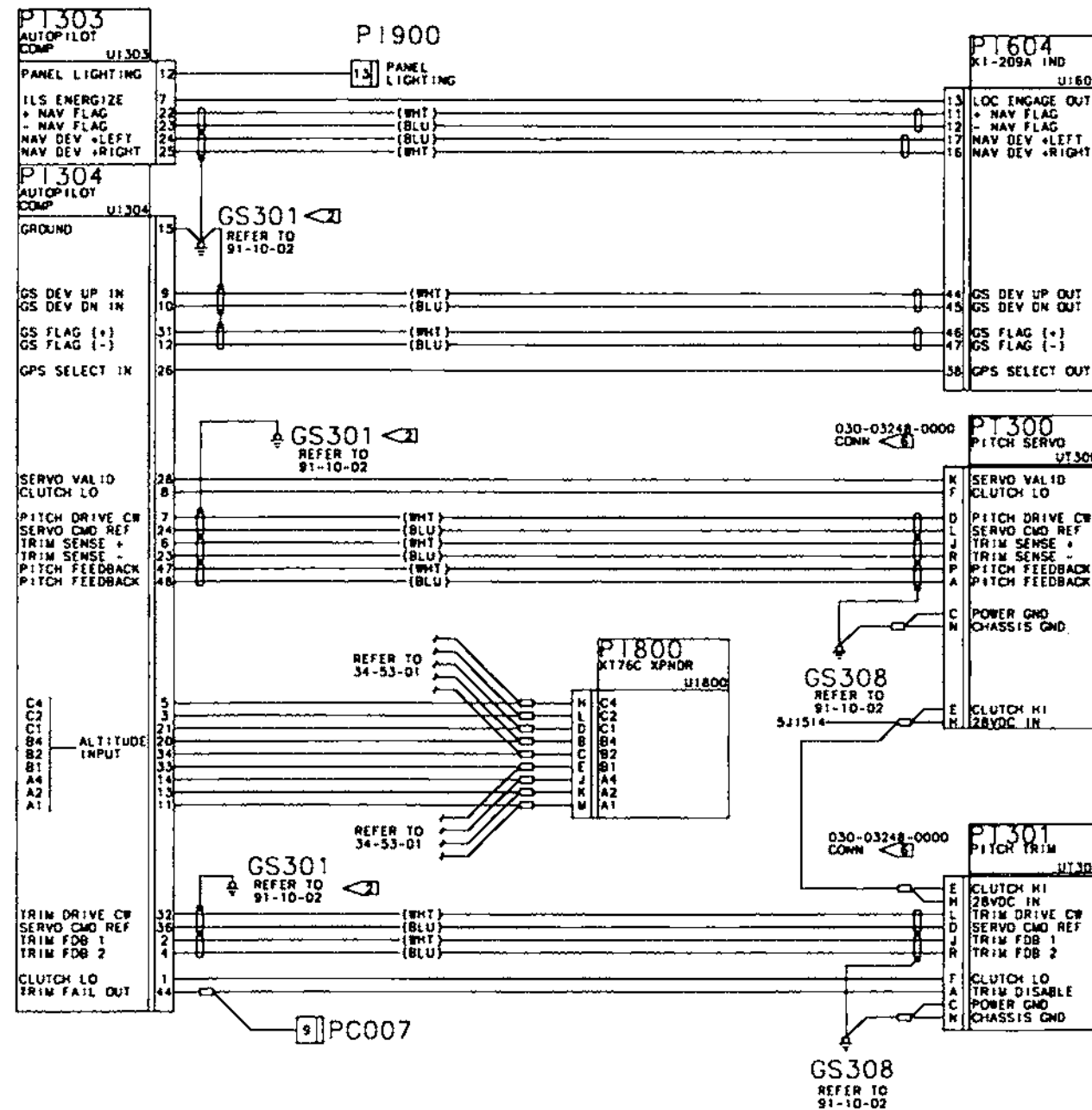
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES			1 2 3 4 5 6 7	FROM TO	PER ASSY
01			DUAL AXIS AUTOPILOT		
			172S8348 THRU 172S8703		
			NAV II		
GS301	3910276-2		GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
J1514	S1641-9		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222)		01
	S1636-1		SOCKET		AR
J1901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
	S2353-5		PIN		AR
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01
	S1635-1		PIN		AR
PF902	SK2701		CONNECTOR GROUND (ZONE 221) V28198		01
	FC116N2		CONTACT		AR
	FC120N2		CONTACT		AR
PF903	SK2701		CONNECTOR (ZONE 221) V28198		01
	FC116N2		CONTACT		AR
	FC120N2		CONTACT		AR
PI302	D01PB406NT-837		CONNECTOR DIRECTIONAL GYRO DISCONNECT (ZONE 220) V50541		01
	YSK006-11AH		SOCKET		AR
PI303	030-01175-0000		CONNECTOR WING LEVELER COMPUTER (ZONE 225) V50541		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0001		CONNECTOR KIT		01
PI304	030-01176-0000		CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0000		CONNECTOR KIT		01
PI305	030-01171-0000		CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220) V22373		01
			PART OF ALLIED SIGNAL KIT 050-03245-0000		
	050-03245-0000		CONNECTOR KIT		01
PI306	033-00230-0000		CONNECTOR RS-232 INTERFACE (ZONE 120) V22373		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0000		CONNECTOR KIT		01
PI307	97-4106A14S-5S		CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220) V77820		01
	97-3057-1007-1		BACKSHELL		01
	9755-1622S-4		SOCKET		AR
PI507	050-03392-0000		CONNECTOR KIT AUDIO PANEL (ZONE 225) V77820		01
PI508	050-03392-0000		CONNECTOR KIT AUDIO PANEL (ZONE 225)		01
PS300	S1640-9		CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
	S1635-1		CONTACT		AR
UI302	S3330-1		GYRO DIRECTIONAL (ZONE 220)		01
UI303			COMPUTER AUTO PILOT (ZONE 225)		RF
UI304			COMPUTER AUTO PILOT (ZONE 225)		RF
UI305			MODULE CONFIGURATION (ZONE 211)		RF
UI307			TURN COORDINATOR		RF
UI507	S3100-160		PANEL AUDIO (ZONE 225)	80721 80983	01
				8190 8703	
UI508			PANEL AUDIO		RF

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.
- 5 GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
- 6 PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 REQ)
- 7 GND STUD IS LOCATED ON THE PITCH TRIM SERVO MOUNTING RACK.

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DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY

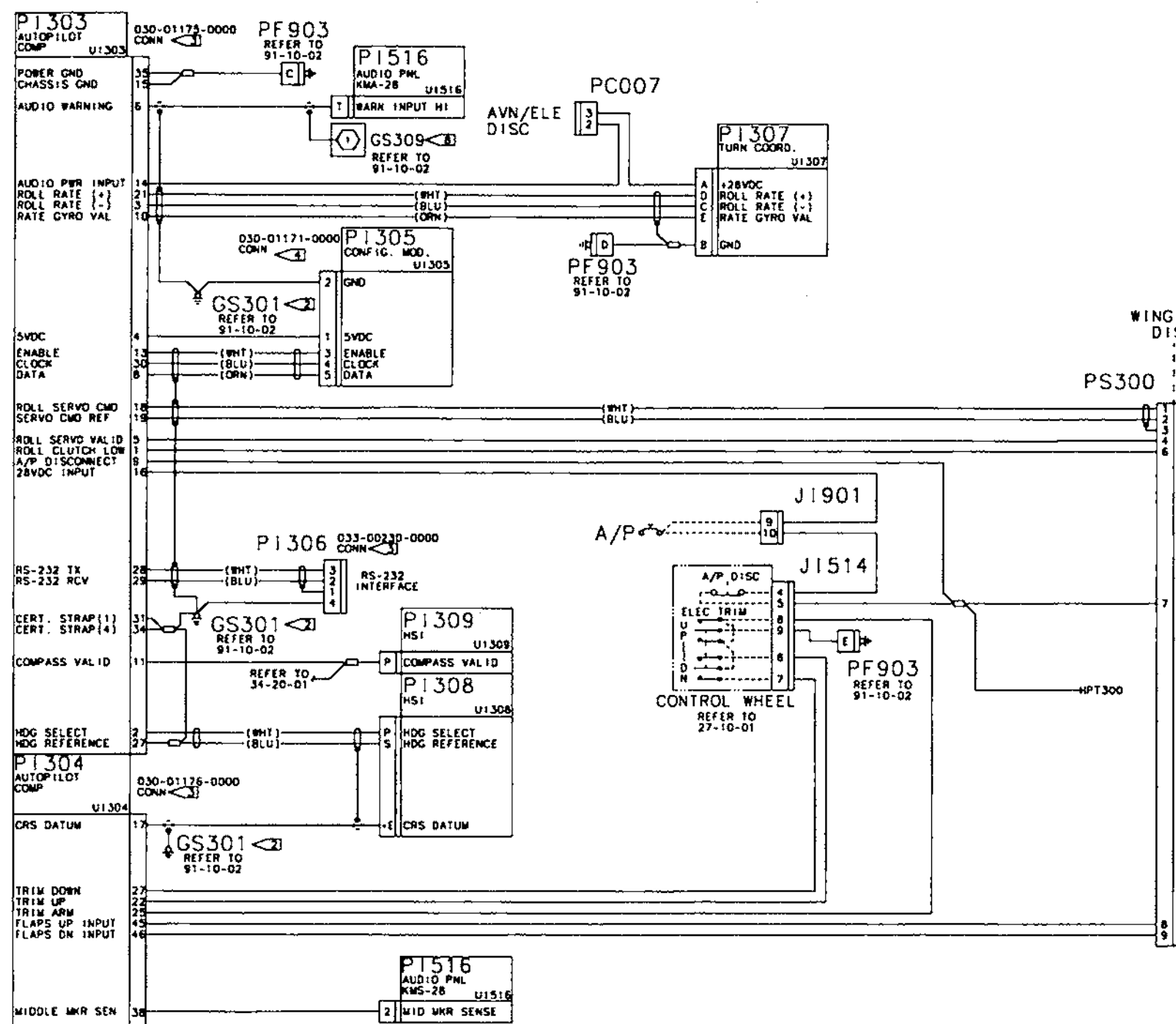
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			DUAL AXIS AUTOPILOT		
			172S8348 THRU 172S8703		
			NAV II		
	GS301	3910276-2	. GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	GS308	3910276-2	. GROUND STUD (ZONE 211)		01
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01
		S1635-1	. . PIN		AR
	PI303	030-01175-0000	. CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	CONNECTOR KIT		01
	PI304	030-01176-0000	. CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI604	030-01176-0000	. CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01
		050-01550-0001	CONNECTOR KIT		01
	PI800	030-01094-0002	. CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01
		050-01577-0001	CONNECTOR KIT		01
	PI900	S3070-9	. CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
		LMD6106P	. . BUSSING MODULE	V49367	01
		LMS01T-TL	. . SPLICE CONNECTOR	V49367	01
		S2353-5	. . PIN		AR
	PT300	030-03248-0000	. CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
			PART OF ALLIED SIGNAL KIT 050-00398-0000		
		050-00398-0000	CONNECTOR KIT		02
	PT301	030-03248-0000	. CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
			PART OF ALLIED SIGNAL KIT 050-00398-0000		
		050-00398-0000	CONNECTOR KIT		02
	UI303		. COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		. COMPUTER AUTO PILOT (ZONE 225)		RF
	UI604	S3100-158	. INDICATOR KI-209A (ZONE 210)	80780 & ON 8262 & ON	01
	UI800	066-01156-0101	. TRANSPONDER KT-76C (ZONE 225)		01
	UT300	065-00178-2200	. ACTUATOR PITCH TRIM (ZONE 310)	8348 8422	01
	UT300	S3100-180	. ACTUATOR PITCH SERVO (ZONE 310)	80888 81110 8423 9068	01
	UT301	065-00180-0400	. ACTUATOR PITCH TRIM (ZONE 310)	V22373 80984 & ON 8348 8422	01
	UT301	S3100-180	. ACTUATOR PITCH TRIM (ZONE 310)	80888 81110 8423 9068	01

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



- NOTES:**
- 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
 - 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
 - 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
 - 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.
 - 5 GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
 - 6 PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 REQ)
 - 7 GND STUD IS LOCATED ON THE PITCH TRIM SERVO MOUNTING RACK.
 - 8 GND STUD IS LOCATED ON THE BACK OF THE AUDIO PANEL RACK.

3924127_1

DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

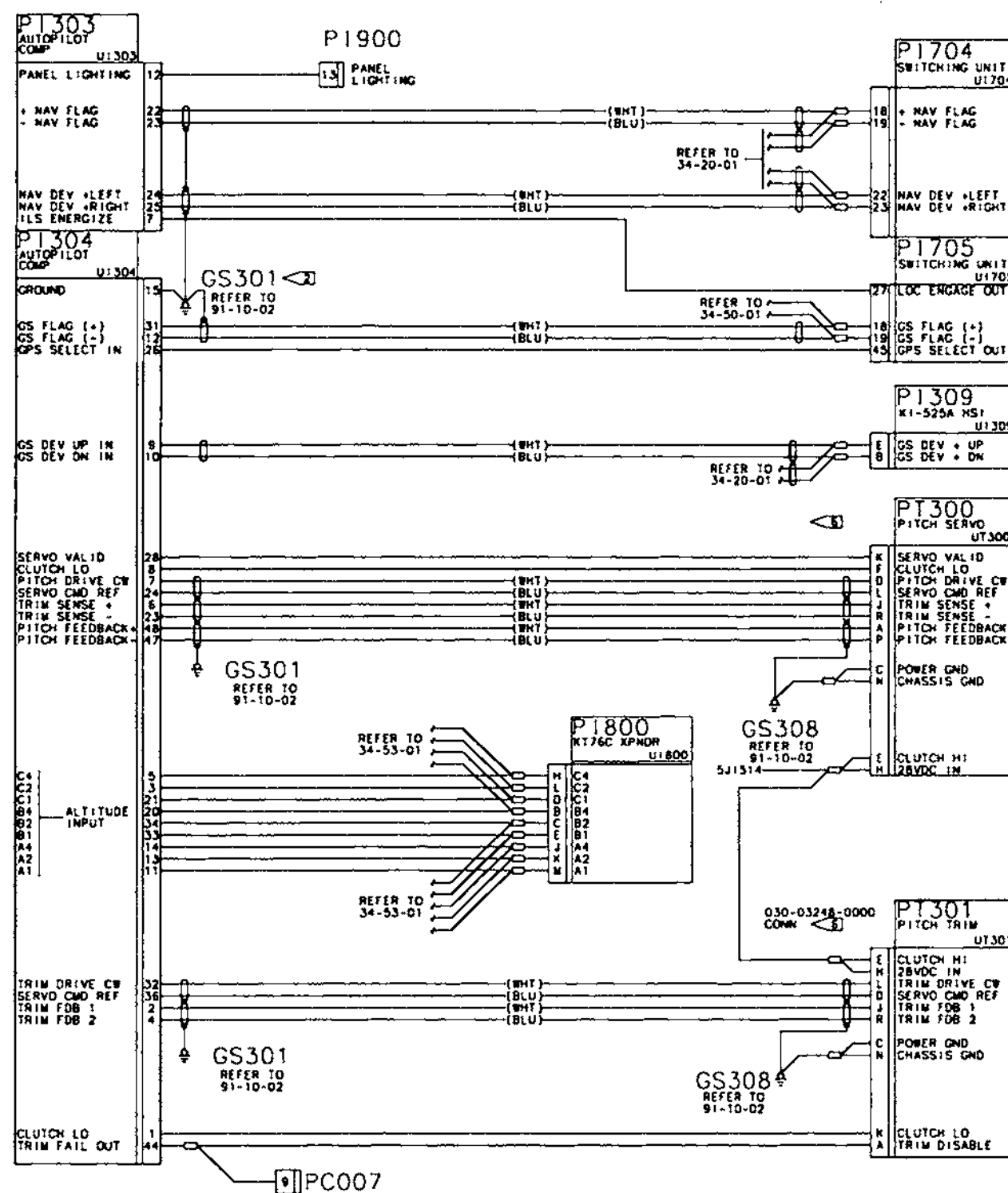
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			DUAL AXIS AUTOPILOT		
			17280984 & ON		
			172S8703 & ON		
			NAV II W/HSI		
	GS301	3910276-2	. GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	GS309	3910276-2	. GROUND STUD (ZONE 225)		01
	J1514	S1641-9	. CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222)		01
		S1636-1	. . SOCKET		AR
	J1901	S2350-3	. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
		S2353-5	. . PIN		AR
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01
		S1635-1	. . PIN		AR
	PF903	SK2701	. CONNECTOR (ZONE 221) V28198		01
		FC116N2	. . CONTACT	V28198	AR
		FC120N2	. . CONTACT		AR
	PI303	030-01175-0000	. CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	. CONNECTOR KIT		01
	PI304	030-01176-0000	. CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	. CONNECTOR KIT		01
	PI305	030-01171-0000	. CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220) V22373		01
			PART OF ALLIED SIGNAL KIT 050-03245-0000		
		050-03245-0000	. CONNECTOR KIT	V22373	01
	PI306	033-00230-0000	. CONNECTOR RS-232 INTERFACE (ZONE 120)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	. CONNECTOR KIT		01
	PI307	97-4106A14S-5S	. CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220). V77820		01
		97-3057-1007-1	. . BACKSHELL	V77820	01
		9755-1622S-4	. . SOCKET	V77820	AR
	PI308	030-02153-0000	. CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220) .		01
		050-01344-0002	. CONNECTOR KIT		01
		S2800-216	. . BACKSHELL		01
	PI309	030-02178-0000	. CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220) .		01
		050-01344-0002	. CONNECTOR KIT		01
		S2800-216	. . BACKSHELL		01
	PI516	030-01094-0058	. CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01
		050-03613-0001	. CONNECTOR KIT		01
	PS300	S1640-9	. CONNECTOR ROLL SERVO ACTUATOR (ZONE 610).		01
		S1635-1	. . CONTACT		AR
	UI303		. COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		. COMPUTER AUTO PILOT (ZONE 225)		RF
	UI305		. MODULE CONFIGURATION (ZONE 211)		RF
	UI307		. TURN COORDINATOR		RF
	UI308	066-03046-0007	. INDICATOR HSI		01
	UI309	066-3046-07	. INDICATOR HSI V22373		01
	UI516	3910310-19	. AUDIO PANEL KMA-28	80984 & ON 8704 & ON	01

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.
- 5 GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
- 6 PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 REQ)
- 7 GND STUD IS LOCATED ON THE PITCH TRIM SERVO MOUNTING RACK.
- 8 GND STUD IS LOCATED ON THE BACK OF THE AUDIO PANEL RACK.

3924127_2

DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY

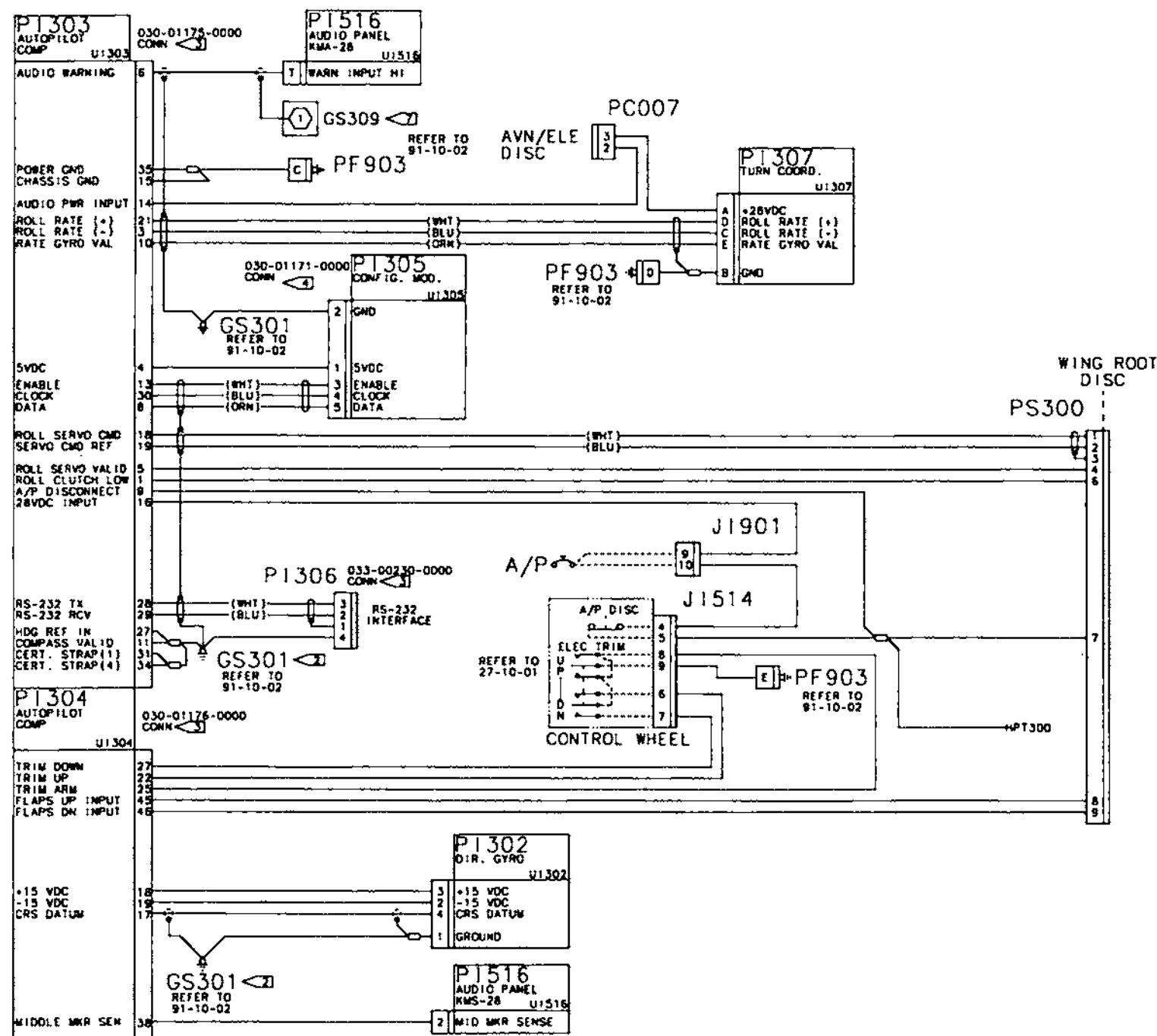
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			DUAL AXIS AUTOPILOT		
			17280984 & ON		
			172S8703 & ON		
			NAV II W/HSI		
GS301	3910276-2		GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
GS308	3910276-2		GROUND STUD (ZONE 211)		01
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01
	S1635-1		. . . PIN		AR
PI303	030-01175-0000		CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0001		CONNECTOR KIT		01
PI304	030-01176-0000		CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE		01
			225)		
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0000		CONNECTOR KIT		01
PI309	030-02178-0000		CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220) .		01
	050-01344-0002		CONNECTOR KIT		01
	S2800-216		. . BACKSHELL		01
PI704	RD50F10JVL0		CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON	01
				8113 & ON	
PI705	RD50M10JVL0		CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON	01
				8113 & ON	
PI800	030-01094-0002		CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01
	050-01577-0001		CONNECTOR KIT		01
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
	LMD6106P		. . BUSSING MODULE	V49367	01
	LMS01T-TL		. . SPLICE CONNECTOR	V49367	01
	S2353-5		. . PIN		AR
PT300	030-03248-0000		CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
			PART OF ALLIED SIGNAL KIT 050-00398-0000		
	050-00398-0000		CONNECTOR KIT		02
PT301	030-03248-0000		CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
			PART OF ALLIED SIGNAL KIT 050-00398-0000		
	050-00398-0000		CONNECTOR KIT		02
UI303			COMPUTER AUTO PILOT (ZONE 225)		RF
UI304			COMPUTER AUTO PILOT (ZONE 225)		RF
UI309	066-3046-07		INDICATOR HSI	V22373	01
UI704			SWITCHING UNIT		RF
UI705			SWITCHING UNIT		RF
UI800	066-01156-0101		TRANSPONDER KT-76C (ZONE 225)		01
UT300	S3100-180		ACTUATOR PITCH SERVO (ZONE 310)	80888 81110	01
				8423 9068	
UT300	S3100-253		ACTUATOR PITCH SERVO (ZONE 310)	81111 & ON	01
				9069 & ON	
UT301	S3100-253		ACTUATOR PITCH TRIM (ZONE 310)	81111 & ON	01
				9069 & ON	

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22 AWG, EXCEPT AS NOTED.
2. GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
3. PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
4. PART OF ALLIED SIGNAL KIT 050-03245-0000.
5. GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
6. PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 REQ)
7. GND STUD IS LOCATED ON THE BACK OF THE AUDIO PANEL RACK.

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DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			DUAL AXIS AUTOPILOT		
			17280984 THRU 17281173		
			172S8704 THRU 172S9422		
			NAV II		
	GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	GS309	3910276-2	GROUND STUD (ZONE 225)		01
	JIS14	S1641-9	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222)		01
		S1636-1	SOCKET		AR
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01
		S2353-5	PIN		AR
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01
		S1635-1	PIN		AR
	PF903	SK2701	CONNECTOR (ZONE 221)	V28198	01
		FC116N2	CONTACT	V28198	AR
		FC120N2	CONTACT		AR
	PI302	D01PB406NT-837	CONNECTOR DIRECTIONAL GYRO DISCONNECT (ZONE 220)	V50541	01
		YSK006-11AH	SOCKET	V50541	AR
	PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	CONNECTOR KIT		01
	PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI305	030-01171-0000	CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220)	V22373	01
			PART OF ALLIED SIGNAL KIT 050-03245-0000		
		050-03245-0000	CONNECTOR KIT	V22373	01
	PI306	033-00230-0000	CONNECTOR RS-232 INTERFACE (ZONE 120)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI307	97-4106A14S-5S	CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220)	V77820	01
		97-3057-1007-1	BACKSHELL	V77820	01
		9755-1622S-4	SOCKET	V77820	AR
	PI516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01
		050-03613-0001	CONNECTOR KIT		01
	PS300	S1640-9	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01
		S1635-1	CONTACT		AR
		S3330-1	GYRO DIRECTIONAL (ZONE 220)		01
	UI302		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI305		MODULE CONFIGURATION (ZONE 211)		RF
	UI307		TURN COORDINATOR		RF
	UI516	3910310-19	AUDIO PANEL KMA-28	80984 & ON 8704 & ON	01

- ITEM NOT ILLUSTRATED

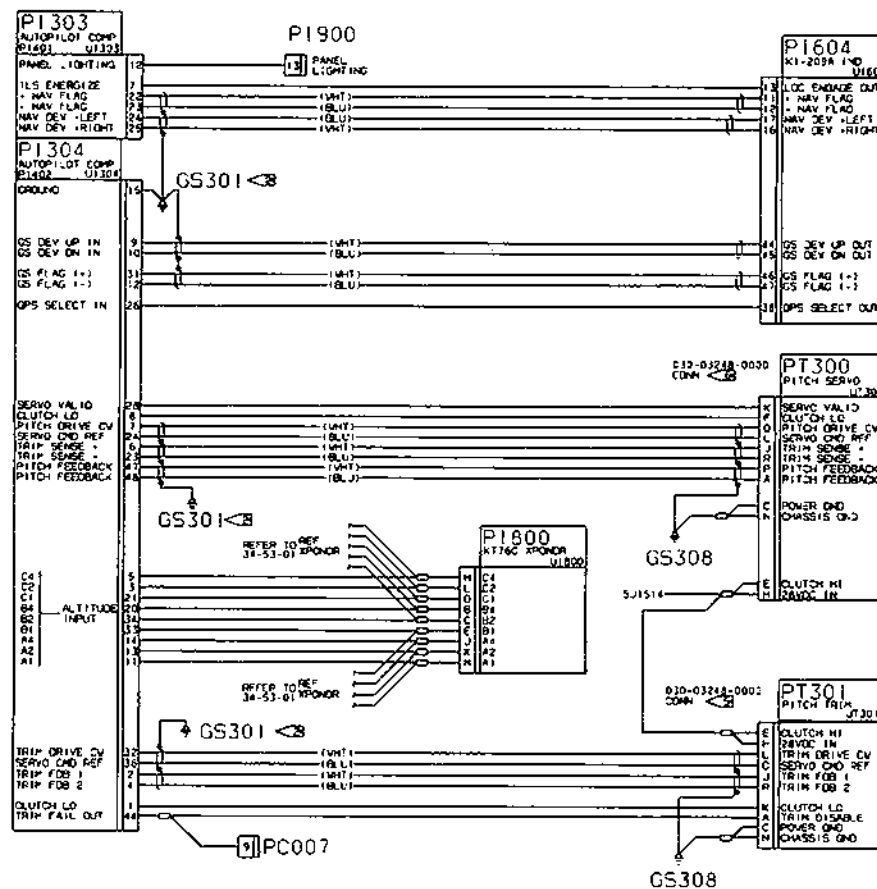
CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 AWG, EXCEPT AS NOTED

2. GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.

3. PART OF ALLIED SIGNAL INSTL KIT 050-00398-000012 REQD



DUAL AXIS AUTOPILOT - NAV II
 FIGURE 01 (SHEET 2)

CESSNA AIRCRAFT COMPANY

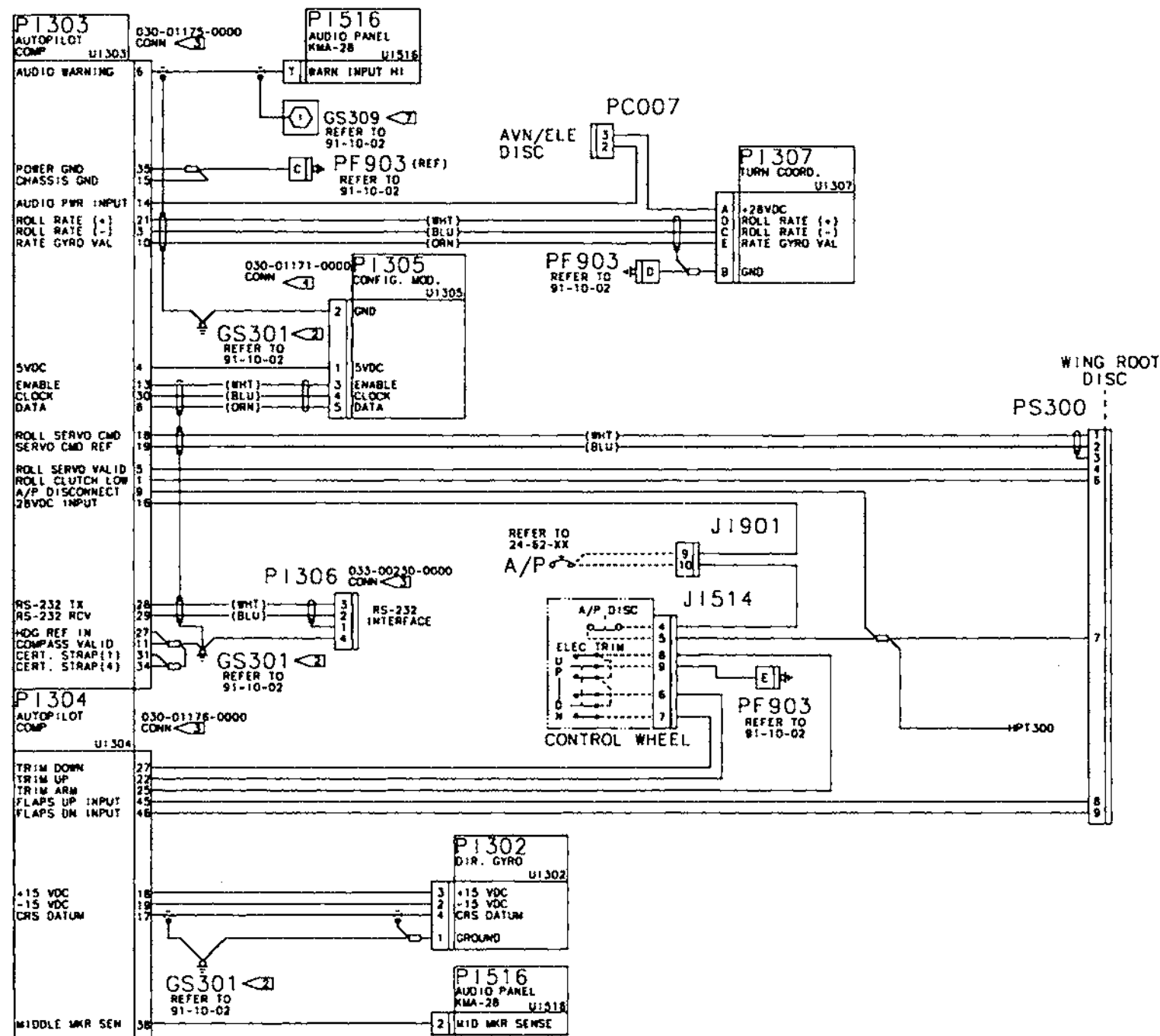
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			DUAL AXIS AUTOPILOT 17280984 THRU 17281173 172S8704 THRU 172S9422 NAV II		
	GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01
	GS308	3910276-2	GROUND STUD (ZONE 211)		01
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01
		S1635-1	PIN		AR
	PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	CONNECTOR KIT		01
	PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01
	PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01
		050-01550-0001	CONNECTOR KIT		01
	PI800	030-01094-0002	CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01
		050-01577-0001	CONNECTOR KIT		01
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01
		LMD6106P	BUSSING MODULE	V49367	01
		LMS01T-TL	SPLICE CONNECTOR	V49367	01
		S2353-5	PIN		AR
	PT300	030-03248-0000	CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
			PART OF ALLIED SIGNAL KIT 050-00398-0000		
		050-00398-0000	CONNECTOR KIT		02
	PT301	030-03248-0000	CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01
			PART OF ALLIED SIGNAL KIT 050-00398-0000		
		050-00398-0000	CONNECTOR KIT		02
	UI303		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI304		COMPUTER AUTO PILOT (ZONE 225)		RF
	UI604	S3100-158	INDICATOR KI-209A (ZONE 210)	80780 & ON 8262 & ON	01
	UI800	066-01156-0101	TRANSPONDER KT-76C (ZONE 225)		01
	UT300	S3100-180	ACTUATOR PITCH SERVO (ZONE 310)	80888 81110 8423 9068	01
	UT300	S3100-253	ACTUATOR PITCH SERVO (ZONE 310)	81111 & ON 9069 & ON	01
	UT301	S3100-253	ACTUATOR PITCH TRIM (ZONE 310)	81111 & ON 9069 & ON	01

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- 1 ALL WIRE 22 AWG, EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.
- 5 GND STUD IS LOCATED ON THE PITCH SERVO MOUNTING RACK.
- 6 PART OF ALLIED SIGNAL INSTL KIT 050-00398-0000(2 REQ)
- 7 GND STUD IS LOCATED ON THE BACK OF THE AUDIO PANEL RACK.
- 8 SPLICE IS LOCATED CLOSE TO P1701.

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DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY

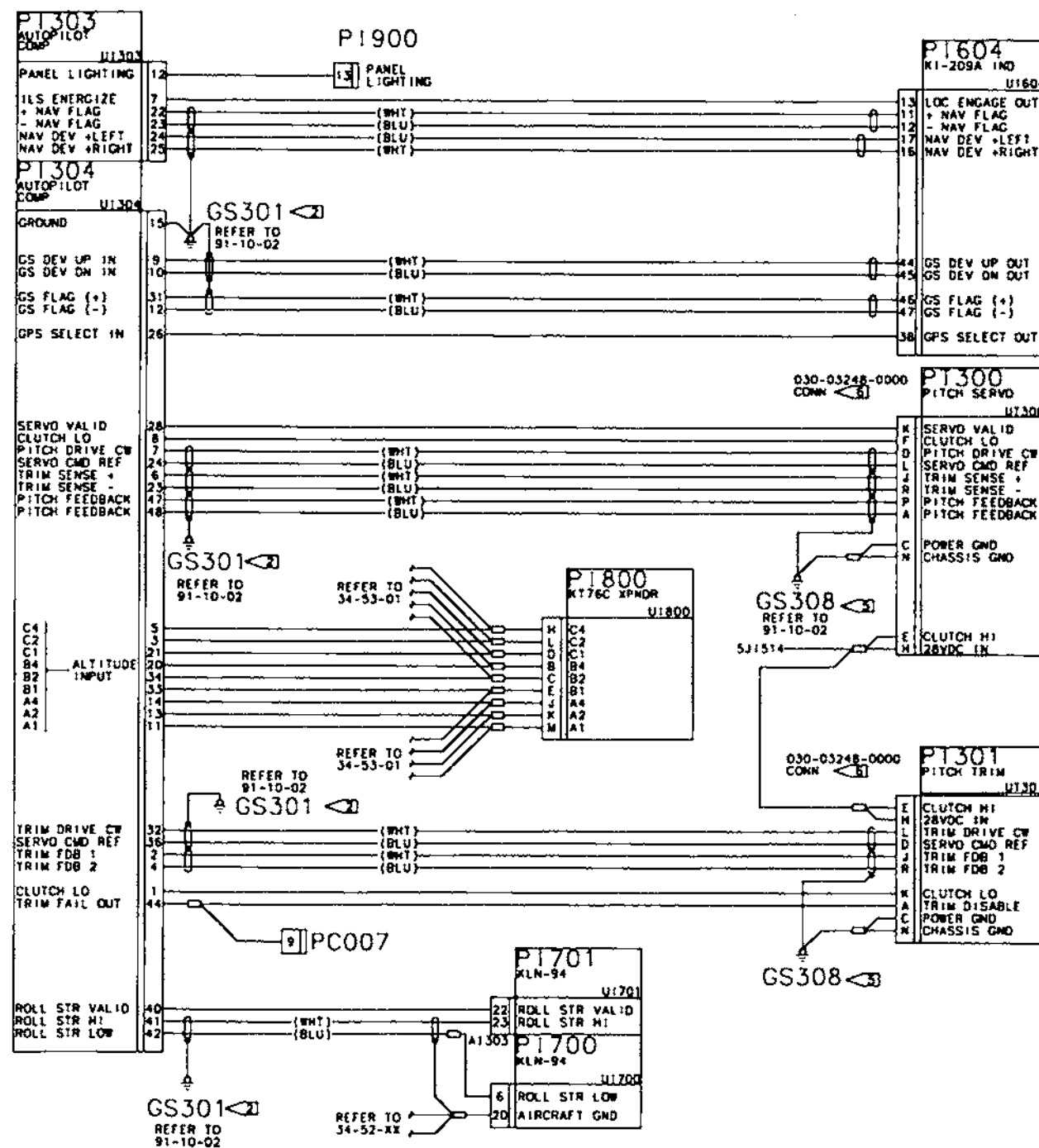
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			DUAL AXIS AUTOPILOT		
			17281174 & ON		
			172S9423 & ON		
			NAV II		
	GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01 R
	GS309	3910276-2	GROUND STUD (ZONE 225)		01 R
	JI514	S1641-9	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222)		01 R
		S1636-1	SOCKET		AR R
	JI901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	PIN		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
		S1635-1	PIN		AR R
	PF903	SK2701	CONNECTOR (ZONE 221)	V28198	01 R
		FC116N2	CONTACT	V28198	AR R
		FC120N2	CONTACT		AR R
	PI302	D01PB406NT-837	CONNECTOR DIRECTIONAL GYRO DISCONNECT (ZONE 220)	V50541	01 R
		YSK006-11AH	SOCKET	V50541	AR R
	PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01 R
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0001	CONNECTOR KIT		01 R
	PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01 R
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01 R
	PI305	030-01171-0000	CONNECTOR CONFIGURATION MODULE DISCONNECT (ZONE 220)	V22373	01 R
			PART OF ALLIED SIGNAL KIT 050-03245-0000		
		050-03245-0000	CONNECTOR KIT	V22373	01 R
	PI306	033-00230-0000	CONNECTOR RS-232 INTERFACE (ZONE 120)		01 R
			PART OF ALLIED SIGNAL KIT 050-03375-0001		
		050-03375-0000	CONNECTOR KIT		01 R
	PI307	97-4106A14S-5S	CONNECTOR TURN COORDINATOR DISCONNECT (ZONE 220)	V77820	01 R
		97-3057-1007-1	BACKSHELL	V77820	01 R
		9755-1622S-4	SOCKET	V77820	AR R
	PI516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
		050-03613-0001	CONNECTOR KIT		01 R
	PS300	S1640-9	CONNECTOR ROLL SERVO ACTUATOR (ZONE 610)		01 R
		S1635-1	CONTACT		AR R
	UI302	S3330-1	GYRO DIRECTIONAL (ZONE 220)		01 R
	UI303		COMPUTER AUTO PILOT (ZONE 225)		RF R
	UI304		COMPUTER AUTO PILOT (ZONE 225)		RF R
	UI305		MODULE CONFIGURATION (ZONE 211)		RF R
	UI307		TURN COORDINATOR		RF R
	UI516	3910310-19	AUDIO PANEL KMA-28	80984 & ON 8704 & ON	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



3924143_2

DUAL AXIS AUTOPILOT
 Figure 01 (Sheet 2)

CESSNA AIRCRAFT COMPANY

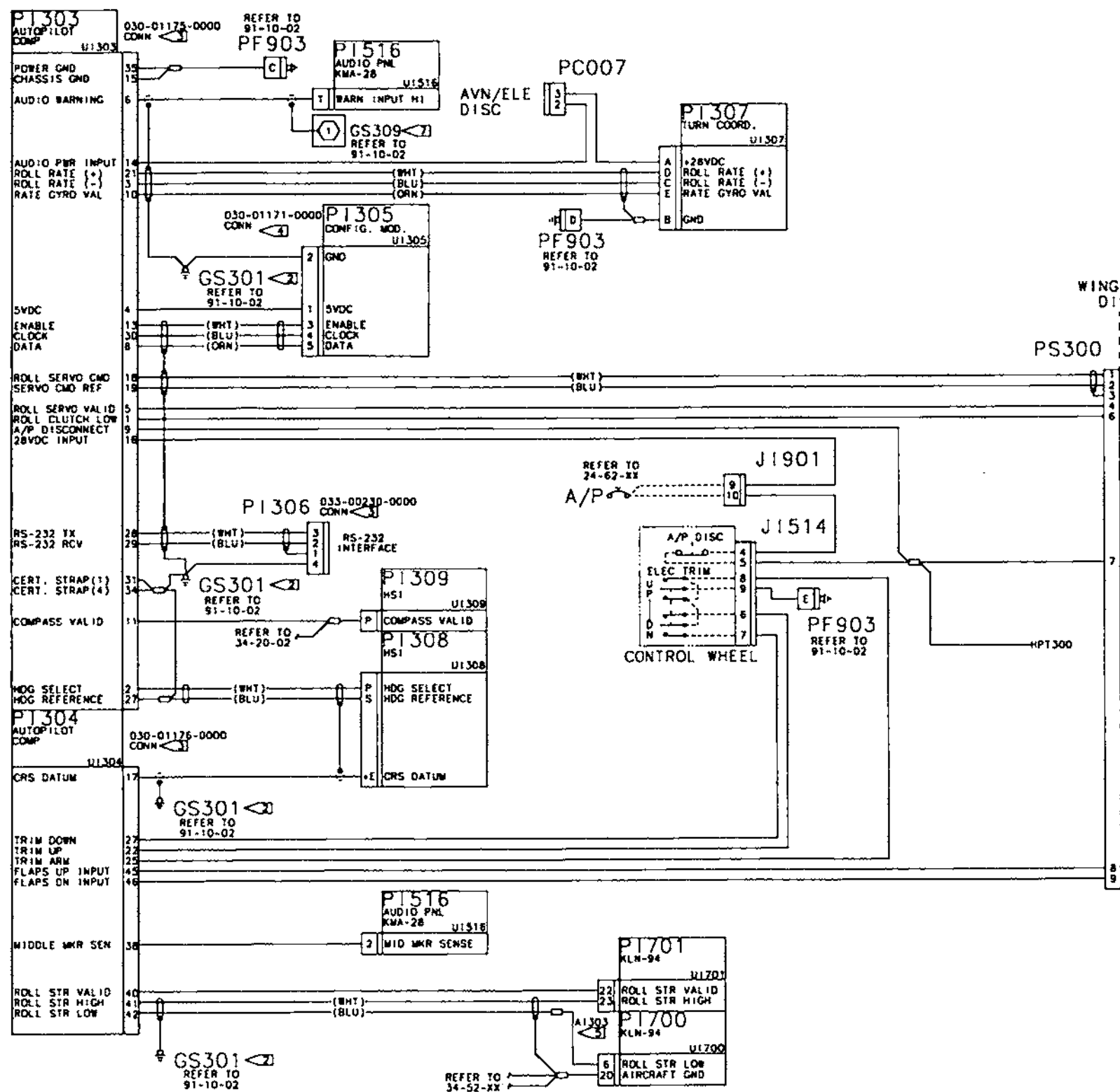
MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		DUAL AXIS AUTOPILOT		
		17281174 & ON		
		172S9423 & ON		
		NAV II		
GS301	3910276-2	GROUND STUD WING LEVELER COMPUTER (ZONE 225)		01 R
GS308	3910276-2	GROUND STUD (ZONE 211)		01 R
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
	S1635-1	PIN		AR R
PI303	030-01175-0000	CONNECTOR WING LEVELER COMPUTER (ZONE 225)		01 R
		PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0001	CONNECTOR KIT		01 R
PI304	030-01176-0000	CONNECTOR AUTOPILOT COMPUTER DISCONNECT (ZONE 225)		01 R
		PART OF ALLIED SIGNAL KIT 050-03375-0001		
	050-03375-0000	CONNECTOR KIT		01 R
PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01 R
	050-01550-0001	CONNECTOR KIT		01 R
PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
	050-03321-0000	CONNECTOR KIT		01 R
PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225)		01 R
PI800	030-01094-0002	CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01 R
	050-01577-0001	CONNECTOR KIT		01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	LMD6106P	BUSSING MODULE	V49367	01 R
	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	S2353-5	PIN		AR R
PT300	030-03248-0000	CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01 R
		PART OF ALLIED SIGNAL KIT 050-00398-0000		
	050-00398-0000	CONNECTOR KIT		02 R
PT301	030-03248-0000	CONNECTOR PITCH TRIM ACTUATOR (ZONE 310)		01 R
		PART OF ALLIED SIGNAL KIT 050-00398-0000		
	050-00398-0000	CONNECTOR KIT		02 R
UI303		COMPUTER AUTO PILOT (ZONE 225)		RF R
UI304		COMPUTER AUTO PILOT (ZONE 225)		RF R
UI604	S3100-158	INDICATOR KI-209A (ZONE 210)	80780 & ON	01 R
			8262 & ON	
UI700	069-01034-0101	RECEIVER GPS (ZONE 225)	V22373 80984 & ON	01 R
			8704 & ON	
UI701	069-01034-0101	RECEIVER GPS (ZONE 225)	V22373 80978 & ON	01 R
			8704 & ON	
UI800	066-01156-0101	TRANSPONDER KT-76C (ZONE 225)		01 R
UT300	S3100-253	ACTUATOR PITCH SERVO (ZONE 310)	81111 & ON	01 R
			9069 & ON	
UT301	S3100-253	ACTUATOR PITCH TRIM (ZONE 310)	81111 & ON	01 R
			9069 & ON	

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

- 1 ALL WIRE 22 AWG. EXCEPT AS NOTED.
- 2 GND STUD IS LOCATED ON THE BACK OF THE AUTOPILOT COMPUTER RACK.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-03375-0001.
- 4 PART OF ALLIED SIGNAL KIT 050-03245-0000.
- 5 SPLICE IS LOCATED CLOSE TO PI701.
- 6 PART OF ALLIED SIGNAL INSTL KIT 050-00396-0000(2 REQ)
- 7 GND STUD IS LOCATED ON THE BACK OF THE AUDIO PANEL RACK

3924144_1

DUAL AXIS AUTOPILOT
Figure 01 (Sheet 1)

CHAPTER

23

COMMUNICATIONS

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>		<u>NUMBER OF PAGES</u>	<u>DATE</u>
23-Title		1	
23-List of Effective Pages		1	Jan 20/2006
23-Record of Revisions		1	
23-Contents		1	Jan 20/2006
23-00-00		1	Jan 20/2006
23-20-01	Figure 01	2	Jan 20/2006 Added
23-21-01	Figure 01	2	Jan 20/2006 Added
23-50-10	Figure 01	2	Jan 20/2006
	Figure 02	4	Jan 20/2006
	Figure 03	4	Jan 20/2006
	Figure 04	4	Jan 20/2006
23-50-20	Figure 01	4	Jan 20/2006
	Figure 02	2	Jan 20/2006
	Figure 03	4	Jan 20/2006
23-50-21	Figure 01	2	Jan 20/2006
	Figure 02	4	Jan 20/2006
	Figure 03	4	Jan 20/2006 Added
23-50-22	Figure 01	4	Jan 20/2006 Added
23-50-24	Figure 01	4	Jan 20/2006 Added
23-50-25	Figure 01	2	Jan 20/2006 Added

CESSNA AIRCRAFT COMPANY MODEL 172 WIRING DIAGRAM MANUAL

RECORD OF REVISIONS

[illegible]

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
COMMUNICATIONS - GENERAL	23-00-00		
GDL-69 DATA LINK PROVISIONS	23-20-01	01	
GDL-69A FIS	23-21-01	01	
AUDIO SYSTEM	23-50-10	01	
AUDIO SYSTEM	23-50-10	02	
AUDIO SYSTEM	23-50-10	03	
AUDIO SYSTEM	23-50-10	04	
AUDIO SYSTEM	23-50-20	01	
AUDIO SYSTEM	23-50-20	02	
AUDIO SYSTEM	23-50-20	03	
AUDIO SYSTEM	23-50-21	01	
AUDIO SYSTEM	23-50-21	02	
AUDIO SYSTEM	23-50-21	03	
AUDIO SYSTEM	23-50-22	01	
AUDIO SYSTEM	23-50-24	01	
INTEGRATED AVIONICS	23-50-25	01	

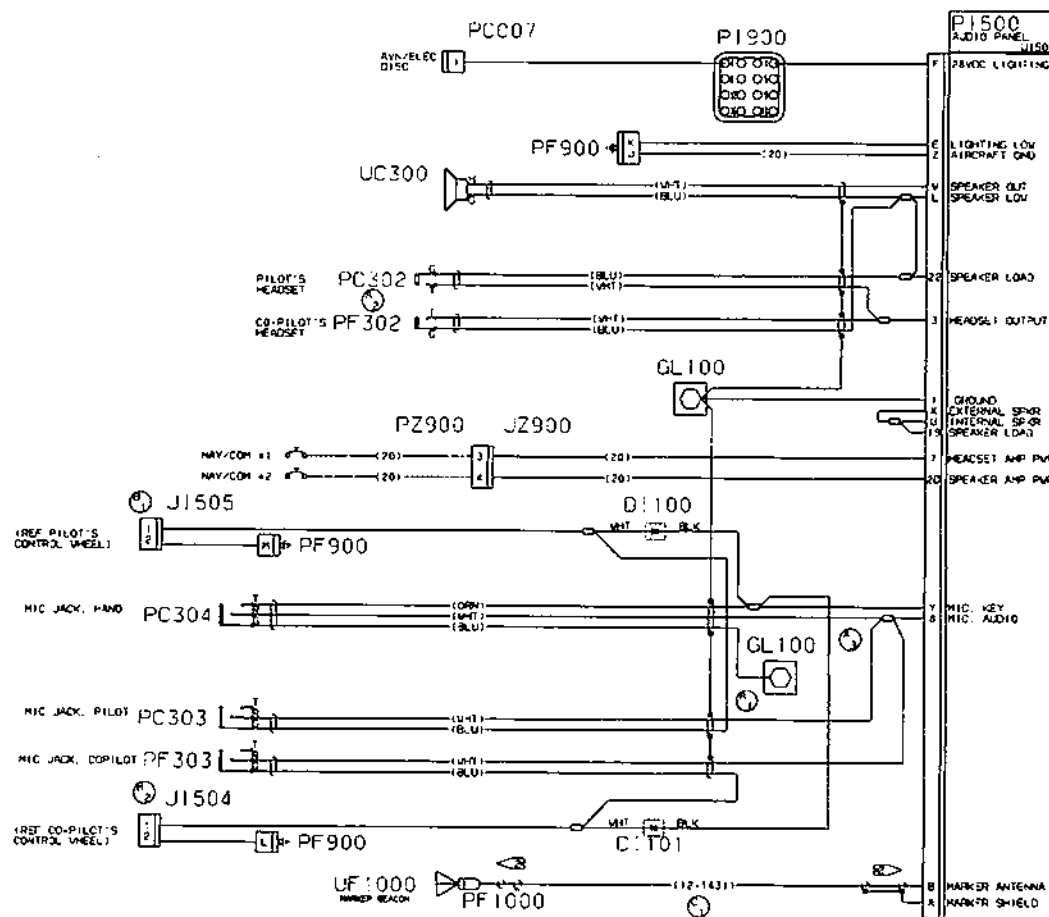
CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

COMMUNICATIONS

1. General

- I** A. Refer to Chapter 34 for Comm #1 and Comm #2.

CESSNA AIRCRAFT COMPANY
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 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED.
2. OUTER SHIELD TO BE UNGROUNDED AT PF1000, BOTH INNER AND OUTER SHIELD TO BE GROUNDED TO SHELL OF P1500

AUDIO SYSTEM-STANDARD
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

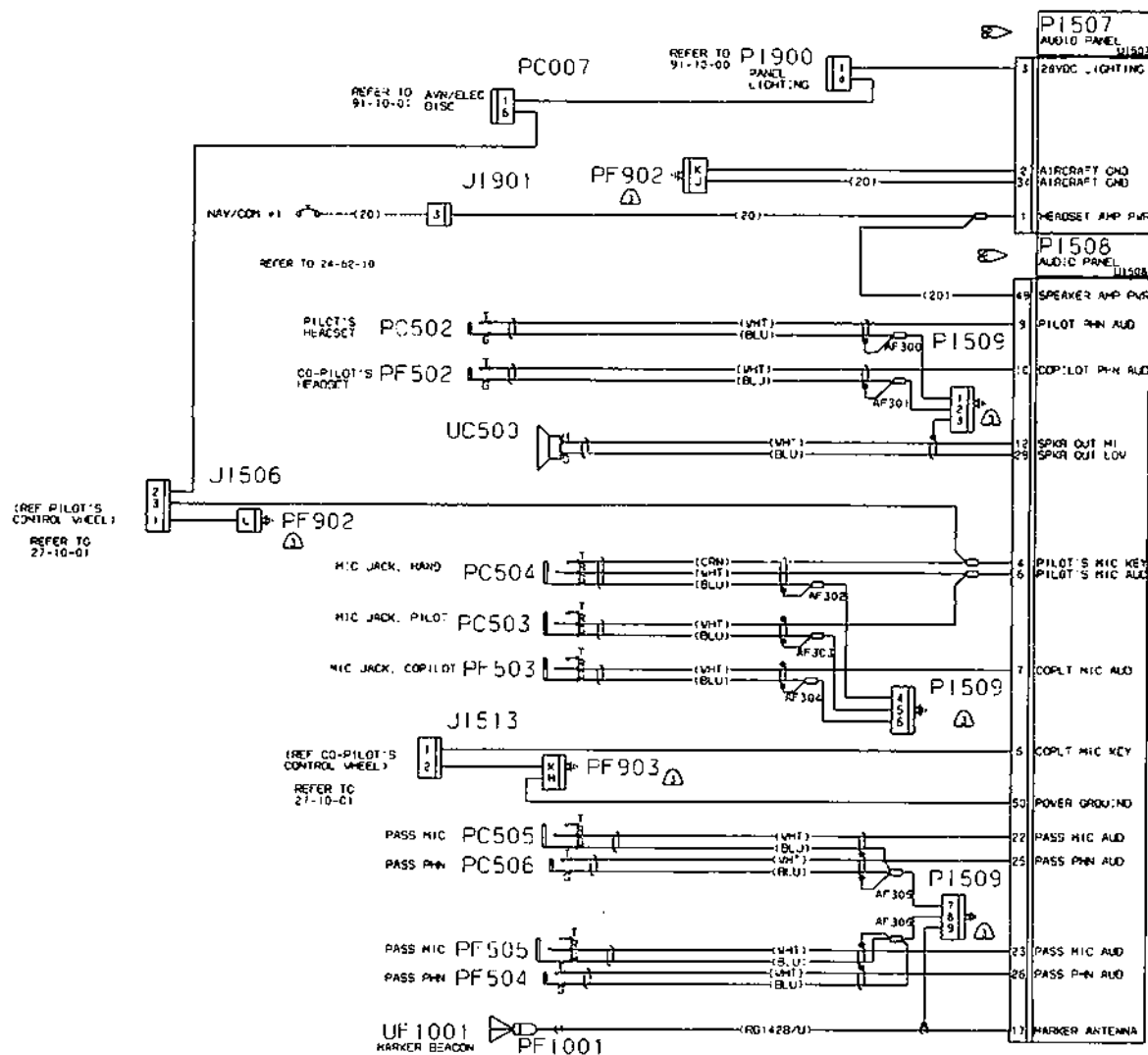
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			AUDIO SYSTEM-STANDARD 17280001 THRU 17280003		
	DI100	S3106-4	. DIODE		01 R
	DI101	S3106-4	. DIODE		01 R
	GL100		. GROUND		RF R
	J1504	S2035-2	. CONNECTOR COPILOT'S CONTROL WHEEL (ZONE 221)		01 R
-		S1636-1	. . SOCKET		AR R
	J1505	S1638-5	. CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
-		S1636-1	. . SOCKET		AR R
	JZ900	S2350-3	. CONNECTOR (ZONE 220).		01 R
-		S2353-4	. . PINS		AR R
-		S2353-5	. . PINS		AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-		S1635-1	. . PIN		AR R
	PC302	S1612-1	. JACK PILOT'S HEADSET (ZONE 211).		01 R
	PC303	S1102-1	. JACK PILOT'S MIC (ZONE 211)		01 R
	PC304	S1102-1	. JACK PILOT'S HAND MIC (ZONE 211)		01 R
	PF1000	331178	. CONNECTOR MARKER BEACON ANTENNA (ZONE 310)	V00779 80001 80003	01 R
	PF302	S1612-1	. JACK CO-PILOT'S HEADSET (ZONE 211)		01 R
	PF303	S1102-1	. JACK CO-PILOT'S MIC (ZONE 211)		01 R
	PF900		. CONNECTOR GROUND (ZONE 221)		RF R
	PI500	030-1094-58	. PANEL AUDIO (ZONE 225)	V22373	01 R
-		030-1107-46	. . PIN	V22373	AR R
	PI900	S3070-9	. CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-		LMD6106P	. . BUSSING MODULE	V49367	01 R
-		LMS01T-TL	. . SPLICE CONNECTOR	V49367	01 R
	PZ900	S2349-1	. CONNECTOR WING LEVELER DISCONNECT (ZONE 220)		01 R
-		S2099-3	. . CONTACTS		AR R
-		S2099-4	. . CONTACTS		AR R
	UC300	C596504-0101	. SPEAKER AUDIO PANEL (ZONE 211).		01 R
-		S1829-1	. . TERMINAL		02 R
	UF1000	CI102	. ANTENNA MARKER BEACON		01 R
	UI500		. PANEL AUDIO		RF R

- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- ALL WIRE 220AUGE UNLESS OTHERWISE NOTED.
- PART OF ALLIED SIGNAL INSTALLATION KIT 050-03392-0000
- REFER TO 91-10-02.

AUDIO SYSTEM-STANDARD
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

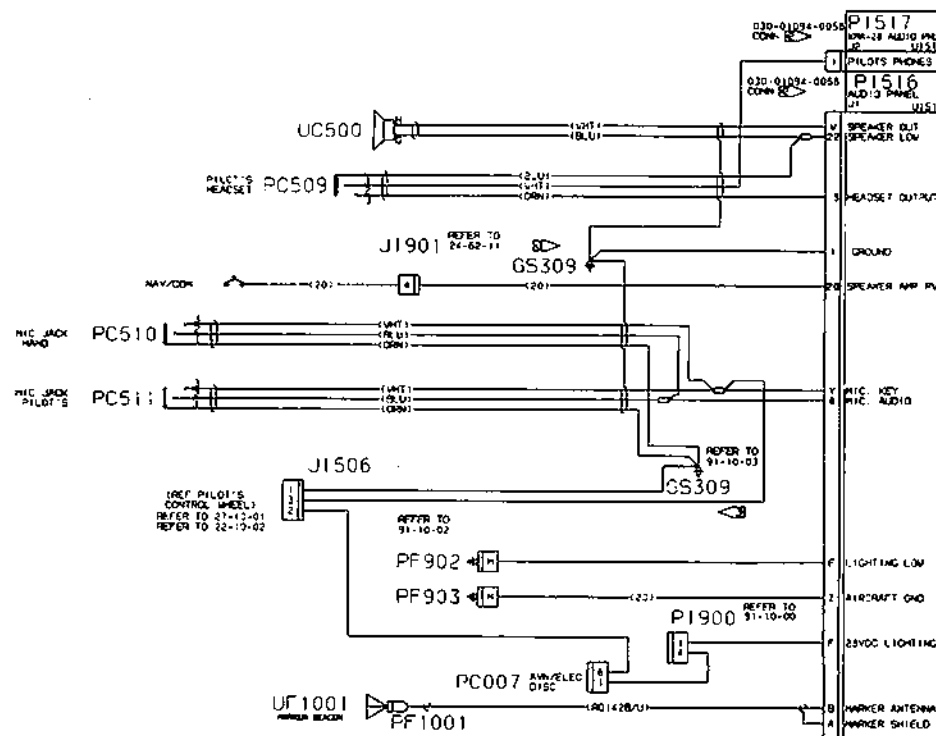
MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
02		AUDIO SYSTEM-STANDARD		
		17280004 THRU 17280983		
		172S8001 THRU 172S8703		
J1506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
	S1638-1	SOCKET		AR R
J1513	S2035-2	CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 221)		01 R
	S1638-1	SOCKET		AR R
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	S2353-5	PIN		AR R
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
	S1635-1	PIN		AR R
PC502	S1612-1	JACK PILOT'S HEADSET (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PC503	S1102-1	JACK PILOT'S MIC (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PC504	S1102-1	JACK HAND MIC (ZONE 220)	80001 80983	01 R
			S8001 S8703	
PC505	S1102-1	JACK PASSENGER MIC (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PC506	S1612-1	JACK PASSENGER PHONE (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PF1001	UG88C/U	CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	80004 81097	01 R
			S8001 S9062	
PF502	S1612-1	JACK CO-PILOT'S HEADSET (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PF503	S1102-1	JACK CO-PILOT'S MIC (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PF504	S1612-1	JACK PASSENGER PHONE (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PF505	S1102-1	JACK PASSENGER MIC (ZONE 211)	80001 80983	01 R
			S8001 S8703	
PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
	FC116N2	CONTACT		AR R
	FC120N2	CONTACT		AR R
PF903	SK2701	CONNECTOR (ZONE 221)		01 R
	FC120N2	CONTACT	V28198	AR R
PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI508	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	LMD6106P	BUSSING MODULE	V49367	01 R
	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
UC500	C596504-0101	SPEAKER (ZONE 211)		01 R
	S1829-1	TERMINAL		02 R
UF1001	CI102	ANTENNA MARKER BEACON (ZONE 310)		01 R
UI507	066-01155-0101	PANEL AUDIO (ZONE 225)	V22373 80001 80601	01 R
	066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80602 80720	01 R
			S8001 S8189	
UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01 R
			S8190 S8703	
UI508		PANEL AUDIO		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED
2. CONNECTOR PART OF ALL ADDITIONAL INSTALLATION KIT 050-03613-0001
3. GROUND STUDS ARE LOCATED ON THE BACK OF THE 050-03613-0001 MOUNTING RACK.
4. REFER TO DETAIL A FOR PINS ON ENTERTAINMENT JACK.

AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF
 FIGURE 03 (SHEET 1)

CESSNA AIRCRAFT COMPANY

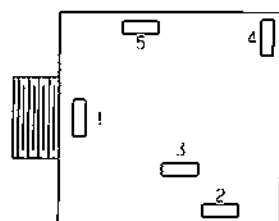
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
03			AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF 17280984 THRU 17281097 172S8704 THRU 172S9062		
	GS309	3910276-2	GROUND STUD (ZONE 225)		01 R
	J1506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
		S1636-1	SOCKET		AR R
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	PIN		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
		S1635-1	PIN		AR R
	PC509	N112B	JACK PILOT'S HEADSET (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
	PC510	NS112B	JACK HAND MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
	PC511	NS112B	JACK PILOT'S MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
	PF1001	UG88C/U	CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	80004 81097 S8001 S9062	01 R
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
		FC116N2	CONTACT		AR R
		FC120N2	CONTACT		AR R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
		FC120N2	CONTACT	V28198	AR R
	PI516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
		050-03613-0001	CONNECTOR KIT		01 R
	PI517	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
		050-03613-0001	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	BUSSING MODULE	V49367	01 R
		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	UC500	C596504-0101	SPEAKER (ZONE 211)		01 R
		S1829-1	TERMINAL		02 R
	UF1001	CI102	ANTENNA MARKER BEACON (ZONE 310)		01 R
	UI516	3910310-19	AUDIO PANEL KMA-28	80984 & ON S8704 & ON	01 R
	UI517		AUDIO PANEL		RF R

- ITEM NOT ILLUSTRATED

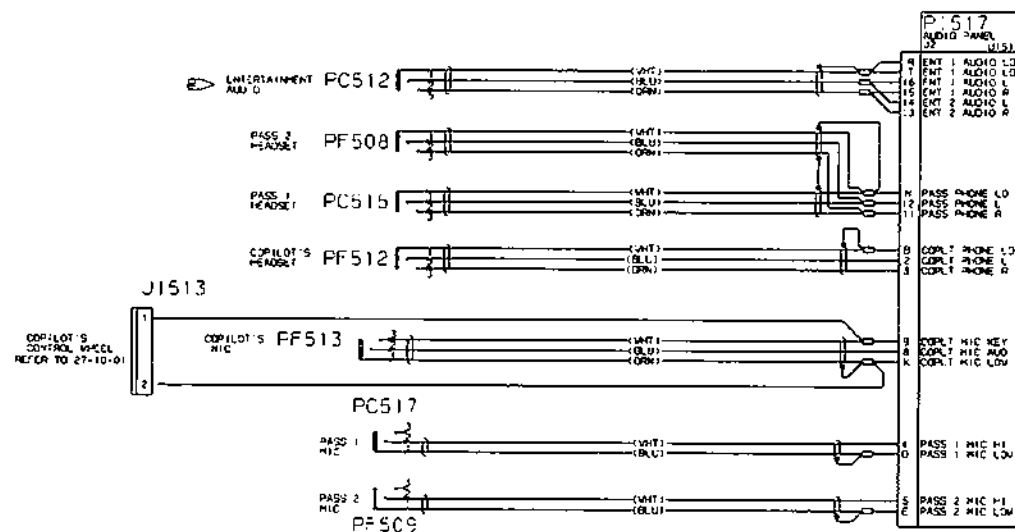
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MODEL 172
 WIRING DIAGRAM MANUAL



DETAIL A

NOTES:

REFER TO DETAIL A FOR PING ON ENTERTAINMENT JACK

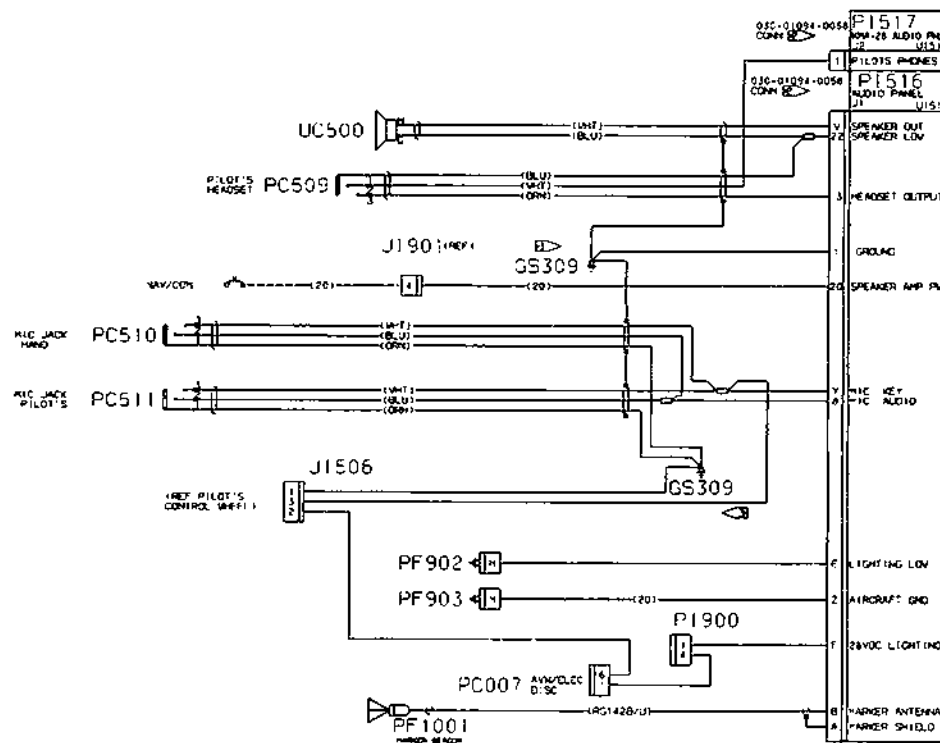


CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1234567			
03			AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF 17280984 THRU 17281097 172S8704 THRU 172S9062		
PC512	35RAPC4BH3		JACK ENTERTAINMENT AUDIO (ZONE 211)	80984 & ON S8704 & ON	01 R
PC515	N112B		JACK PASSENGER 1 HEADSET (ZONE 211)	V82382 80984 & ON S8704 & ON	01 R
PC517	NS112B		JACK PASSENGER 1 MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF508	N112B		JACK PASSENGER HEADSET (ZONE 211)	80984 & ON S8704 & ON	01 R
PF509	NS112B		JACK PASSENGER 2 MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF512	N112B		JACK COPILOT'S HEADSET (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF513	NS112B		JACK COPILOT'S MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PI517	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
UI517	050-03613-0001		CONNECTOR KIT		01 R
			AUDIO PANEL		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED.
2. CONNECTOR PART OF KVA-28 INSTALLATION KIT 050-03511-0001.
3. GROUND STUDS ARE LOCATED ON THE BACK OF THE KVA-28 MOUNTING RACK.

AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF
 FIGURE 04 (SHEET 1)

CESSNA AIRCRAFT COMPANY

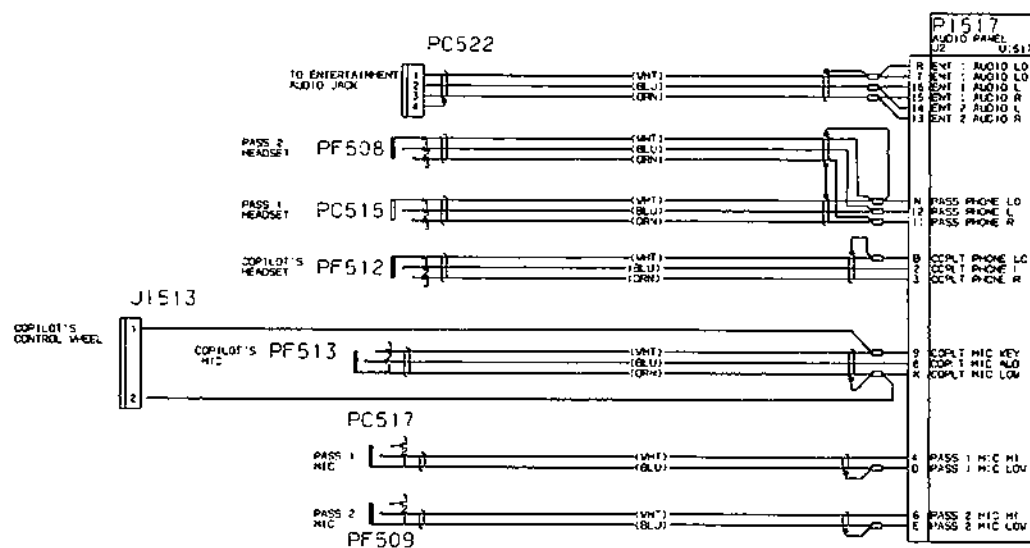
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES	DES			FROM TO	PER ASSY
		1 2 3 4 5 6 7			
04			AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF		
			17281098 & ON		
			172S9063 & ON		
GS309	3910276-2		GROUND STUD (ZONE 225)		01 R
J1506	S1641-6		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
-	S1636-1		SOCKET		AR R
J1901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5		PIN		AR R
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
-	S1635-1		PIN		AR R
PC509	N112B		JACK PILOT'S HEADSET (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PC510	NS112B		JACK HAND MIC (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PC511	NS112B		JACK PILOT'S MIC (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PF1001	S3284-1		CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	81098 & ON	01 R
				S9063 & ON	
PF902	SK2701		CONNECTOR GROUND (ZONE 221)	V28198	01 R
-	FC116N2		CONTACT		AR R
-	FC120N2		CONTACT		AR R
PF903	SK2701		CONNECTOR (ZONE 221)		01 R
-	FC120N2		CONTACT	V28198	AR R
PI516	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001		CONNECTOR KIT		01 R
PI517	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001		CONNECTOR KIT		01 R
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P		BUSSING MODULE	V49367	01 R
-	LMS01T-TL		SPLICE CONNECTOR	V49367	01 R
UC500	C596504-0101		SPEAKER (ZONE 211)		01 R
-	S1829-1		TERMINAL		02 R
UI516	3910310-19		AUDIO PANEL KMA-28	80984 & ON	01 R
				S8704 & ON	
UI517			AUDIO PANEL		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- 1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED.
- 2. CONNECTOR PART OF 10A-28 INSTALLATION KIT 055-01513-0001
- 3. GROUND STUDS ARE LOCATED ON THE BACK OF THE 10A-28 MOUNTING RACK

AUDIO SYSTEM-STANDARD, NAV 1)
 FIGURE 04 (SHEET 2)

CESSNA AIRCRAFT COMPANY

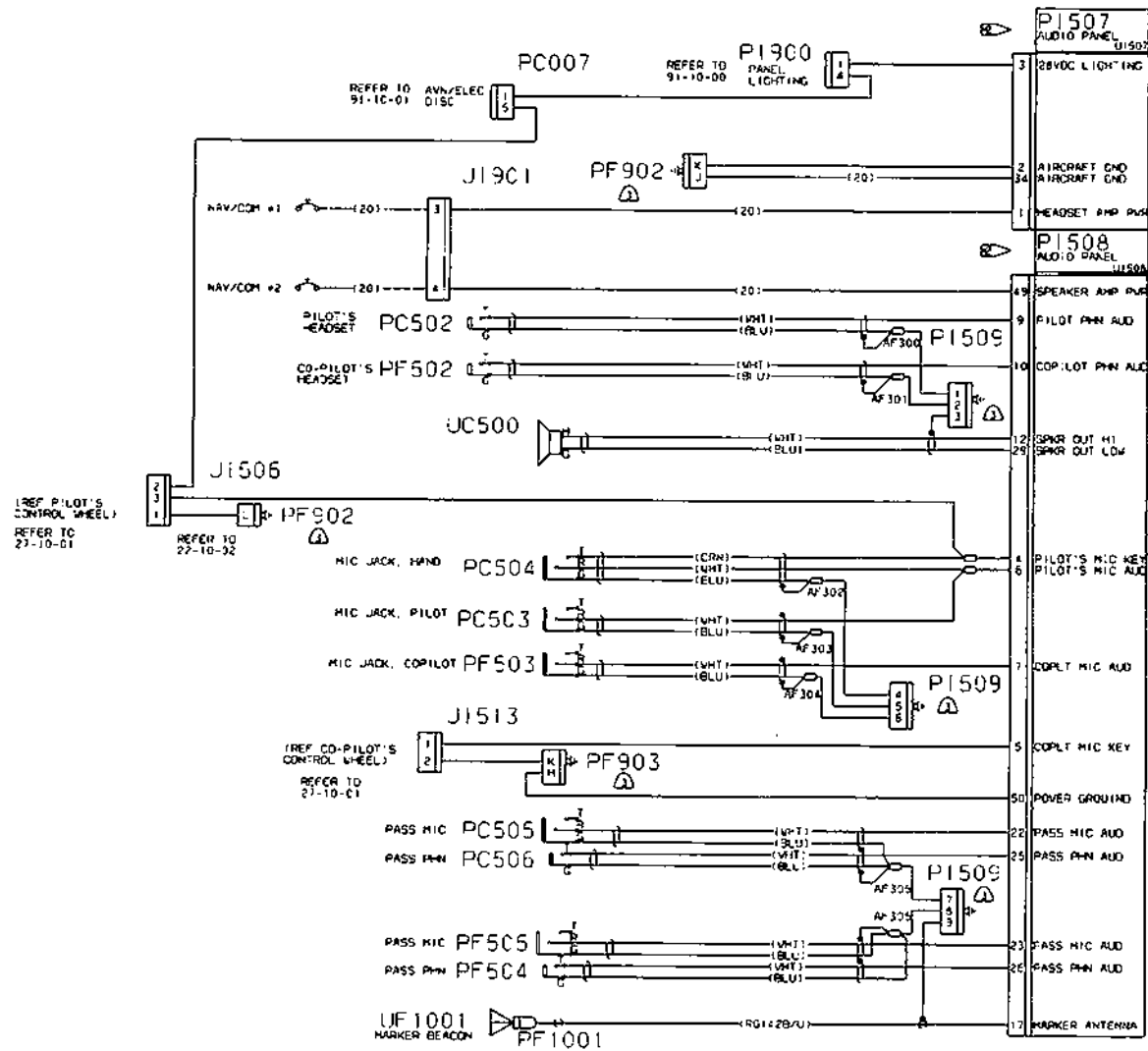
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1234567			
04			AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF		
			17281098 & ON		
			172S9063 & ON		
J1513	S2035-2		CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 221)		01 R
-	S1636-1		SOCKET		AR R
PC515	N112B		JACK PASSENGER 1 HEADSET (ZONE 211)	V82382 80984 & ON	01 R
				S8704 & ON	
PC517	NS112B		JACK PASSENGER 1 MIC (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PC522	S3556-4		CONNECTOR ENTERTAINMENT AUDIO JACK (ZONE 211)	81098 & ON	01 R
				S9063 & ON	
-	S3556-24		SOCKET		AR R
PF508	N112B		JACK PASSENGER HEADSET (ZONE 211)	80984 & ON	01 R
				S8704 & ON	
PF509	NS112B		JACK PASSENGER 2 MIC (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PF512	N112B		JACK COPILOT'S HEADSET (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PF513	NS112B		JACK COPILOT'S MIC (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PI517	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001		CONNECTOR KIT		01 R
UI517			AUDIO PANEL		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES

ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED
PART OF ALLIED SIGNAL INSTALLATION KIT QSO-03382-0000

REFER TO 91-10-02.

CESSNA AIRCRAFT COMPANY

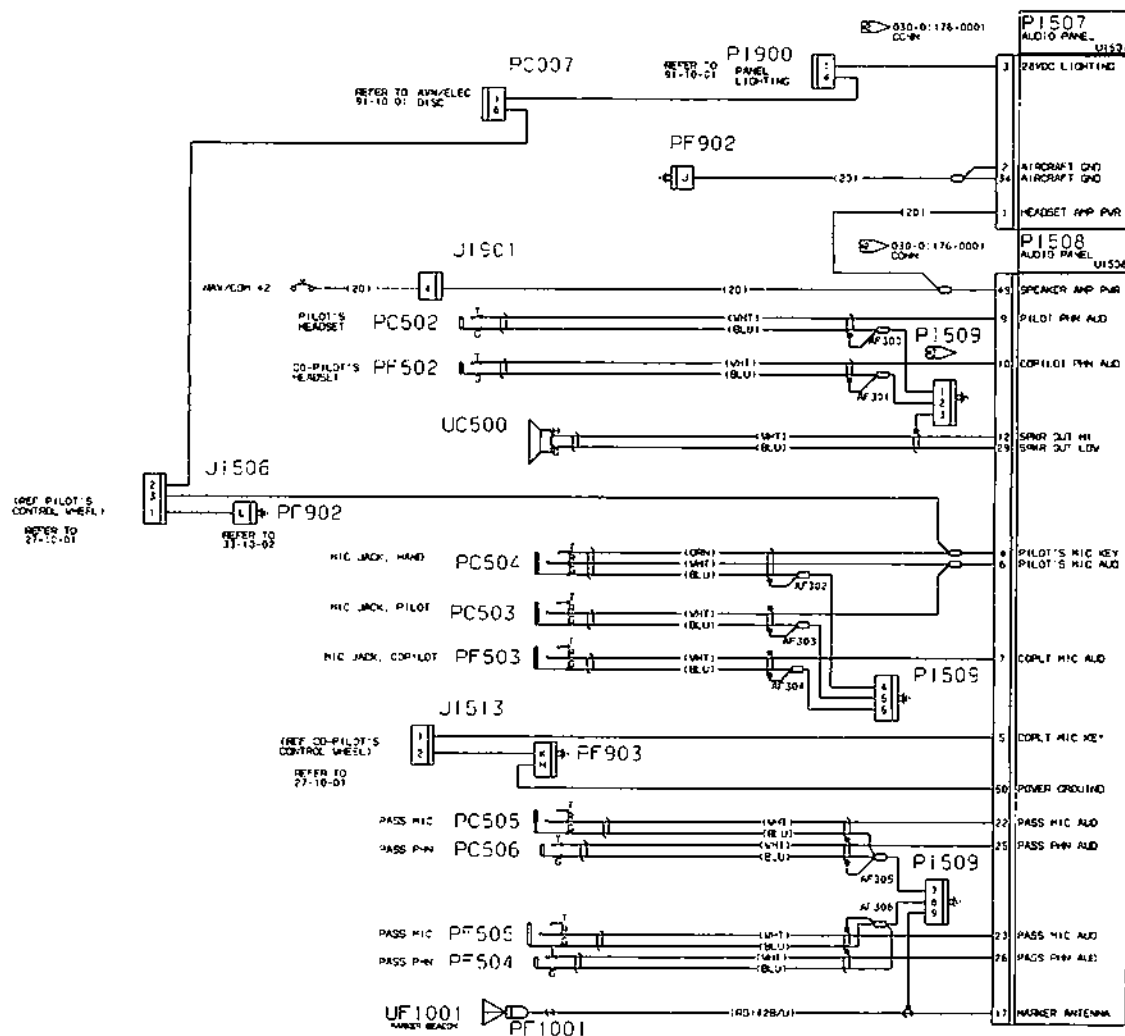
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
01			AUDIO SYSTEM-NAV I 17280001 THRU 17280830 172S8001 THRU 172S8347 NAV II W/HSI 17280694 THRU 17280830 172S8113 THRU 172S8347		
	J1506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
		S1636-1	SOCKET		AR R
	J1513	S2035-2	CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 221)		01 R
		S1636-1	SOCKET		AR R
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	PIN		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
		S1635-1	PIN		AR R
	PC502	S1612-1	JACK PILOT'S HEADSET (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PC503	S1102-1	JACK PILOT'S MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PC504	S1102-1	JACK HAND MIC (ZONE 220)	80001 80983	01 R
				S8001 S8703	
	PC505	S1102-1	JACK PASSENGER MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PC506	S1612-1	JACK PASSENGER PHONE (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF1001	UG88C/U	CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	80004 81097	01 R
				S8001 S9062	
	PF502	S1612-1	JACK CO-PILOT'S HEADSET (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF503	S1102-1	JACK CO-PILOT'S MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF504	S1612-1	JACK PASSENGER PHONE (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF505	S1102-1	JACK PASSENGER MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
		FC116N2	CONTACT		AR R
		FC120N2	CONTACT		AR R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
		FC120N2	CONTACT	V28198	AR R
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI508	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6108P	BUSSING MODULE	V49367	01 R
		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	UC500	C596504-0101	SPEAKER (ZONE 211)		01 R
		S1829-1	TERMINAL		02 R
	UF1001	C1102	ANTENNA MARKER BEACON (ZONE 310)		01 R
	UI507	066-01155-0101	PANEL AUDIO (ZONE 225)	V22373 80001 80601	01 R
		066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
	UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80502 80720	01 R
				S8001 S8189	
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01 R
				S8190 S8703	
	UI508		PANEL AUDIO		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED.
2. PART OF ALLIED SIGNAL INSTALLATION #17 050-03397-00-0.
3. P1509 CONNECTOR IS P/N 030-01054-0004.

AUDIO SYSTEM - NAV I, NAV II, NAV III W/HS;
FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

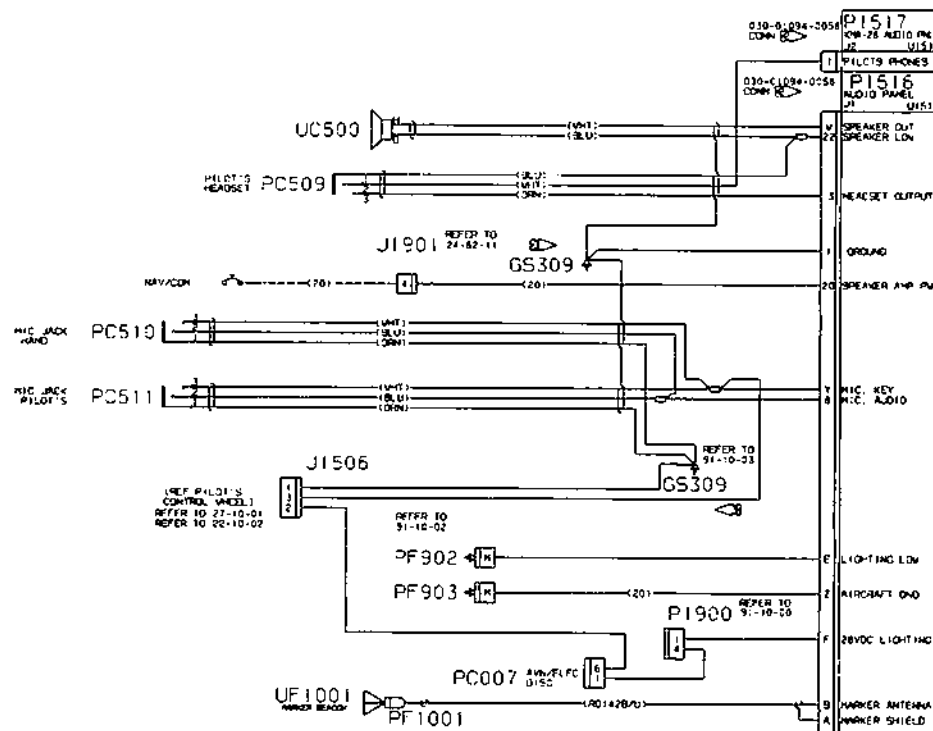
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
02			AUDIO SYSTEM-NAV I, NAV II, NAV II W/HSI 17280831 THRU 17280983 17258348 THRU 17258703		
	AF300		. SPLICE		RF R
	AF301		. SPLICE		RF R
	AF302		. SPLICE		RF R
	AF303		. SPLICE		RF R
	AF304		. SPLICE		RF R
	AF305		. SPLICE		RF R
	AF306		. SPLICE		RF R
	J1506	S1641-6	. CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
		S1636-1	. SOCKET		AR R
	J1513	S2035-2	. CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 221)		01 R
		S1636-1	. SOCKET		AR R
	J1901	S2350-3	. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	. PIN		AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
		S1635-1	. PIN		AR R
	PC502	S1612-1	. JACK PILOT'S HEADSET (ZONE 211)	80001 80983 S8001 S8703	01 R
	PC503	S1102-1	. JACK PILOT'S MIC (ZONE 211)	80001 80983 S8001 S8703	01 R
	PC504	S1102-1	. JACK HAND MIC (ZONE 220)	80001 80983 S8001 S8703	01 R
	PC505	S1102-1	. JACK PASSENGER MIC (ZONE 211)	80001 80983 S8001 S8703	01 R
	PC506	S1612-1	. JACK PASSENGER PHONE (ZONE 211)	80001 80983 S8001 S8703	01 R
	PF1001	UG88C/U	. CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	80004 81097 S8001 S9062	01 R
	PF502	S1612-1	. JACK CO-PILOT'S HEADSET (ZONE 211)	80001 80983 S8001 S8703	01 R
	PF503	S1102-1	. JACK CO-PILOT'S MIC (ZONE 211)	80001 80983 S8001 S8703	01 R
	PF504	S1612-1	. JACK PASSENGER PHONE (ZONE 211)	80001 80983 S8001 S8703	01 R
	PF505	S1102-1	. JACK PASSENGER MIC (ZONE 211)	80001 80983 S8001 S8703	01 R
	PF902	SK2701	. CONNECTOR GROUND (ZONE 221)	V28198	01 R
		FC116N2	. CONTACT		AR R
		FC120N2	. CONTACT		AR R
	PF903	SK2701	. CONNECTOR (ZONE 221)		01 R
		FC120N2	. CONTACT	V28198	AR R
	PI507	050-03392-0000	. CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI508	050-03392-0000	. CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI509	030-01094-0004	. CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
	PI900	S3070-9	. CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	. BUSSING MODULE	V49367	01 R
		LMS01T-TL	. SPLICE CONNECTOR	V49367	01 R
	UC500	C596504-0101	. SPEAKER (ZONE 211)		01 R
		S1829-1	. TERMINAL		02 R
	UF1001	CI102	. ANTENNA MARKER BEACON (ZONE 310)		01 R
	UI507	S3100-160	. PANEL AUDIO (ZONE 225)	80721 80983 S8190 S8703	01 R
	UI508		. PANEL AUDIO		RF R

• ITEM NOT ILLUSTRATED

Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED.
2. CONNECTOR PART OF ALL OPTIONAL INSTALLATION KIT 050-03013-0001.
3. GROUND STUDS ARE LOCATED ON THE BACK OF THE KWA-28 MOUNTING RACK.
4. REFER TO DETAIL A FOR PINS ON ENTERTAINMENT JACK.

AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF
 FIGURE 03 (SHEET 1)

CESSNA AIRCRAFT COMPANY

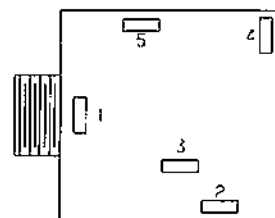
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
03			AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF		
			17280984 & ON		
			172S8704 & ON		
GS309	3910276-2	GROUND STUD (ZONE 225)			01 R
JI506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)			01 R
-	S1636-1	SOCKET			AR R
JI901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)			01 R
-	S2353-5	PIN			AR R
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).			01 R
-	S1635-1	PIN			AR R
PC509	N112B	JACK PILOT'S HEADSET (ZONE 211)	V82369 80984 & ON		01 R
PC510	NS112B	JACK HAND MIC (ZONE 211)	S8704 & ON		
PC511	NS112B	JACK PILOT'S MIC (ZONE 211)	V82369 80984 & ON		01 R
PF1001	UG88C/U	CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	S8704 & ON		
PF1001	S3284-1	CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	S8001 S9062		01 R
PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198		01 R
-	FC116N2	CONTACT			AR R
-	FC120N2	CONTACT			AR R
PF903	SK2701	CONNECTOR (ZONE 221)			01 R
-	FC120N2	CONTACT	V28198		AR R
PI516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)			01 R
-	050-03613-0001	CONNECTOR KIT			01 R
PI517	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)			01 R
-	050-03613-0001	CONNECTOR KIT			01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)			01 R
-	LMD6106P	BUSSING MODULE	V49367		01 R
-	LMS01T-TL	SPLICE CONNECTOR	V49367		01 R
UC500	C596504-0101	SPEAKER (ZONE 211)			01 R
-	S1829-1	TERMINAL			02 R
UF1001	CI102	ANTENNA MARKER BEACON (ZONE 310)			01 R
UI516	3910310-19	AUDIO PANEL KMA-28	80984 & ON		01 R
UI517		AUDIO PANEL	S8704 & ON		RF R

- ITEM NOT ILLUSTRATED

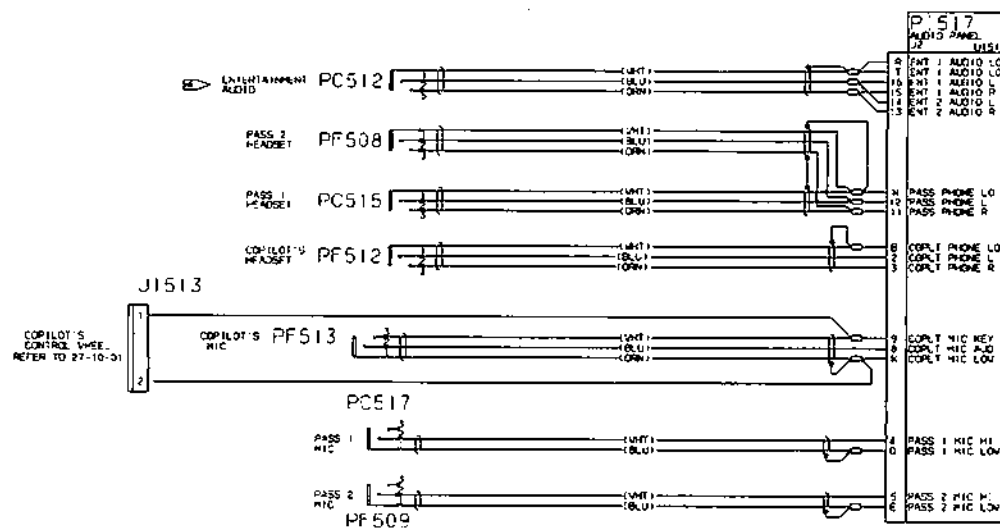
CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



DETAIL A

NOTES:

REFER TO DETAIL A FOR PINS ON ENTERTAINMENT JACK



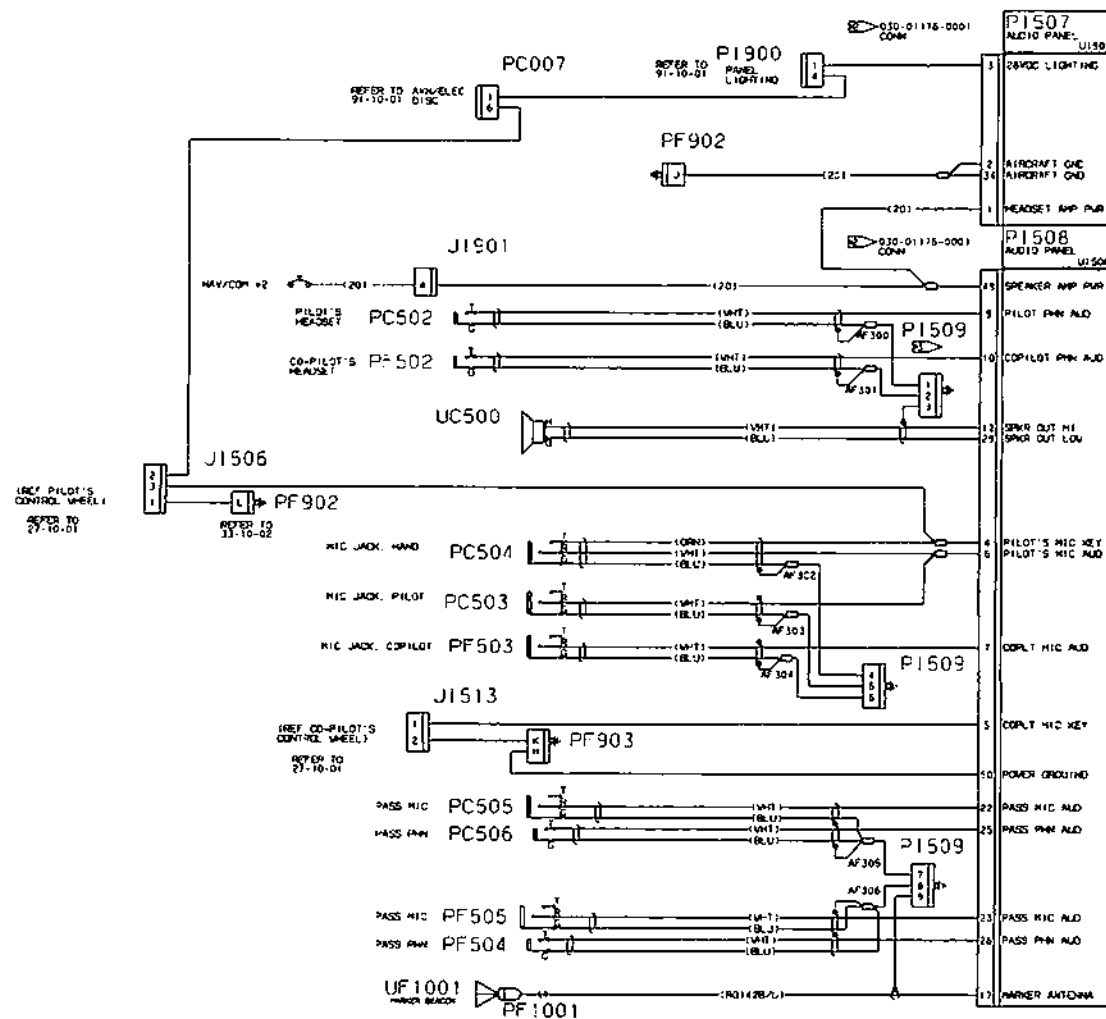
AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF
 FIGURE 03 (SHEET 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
03		AUDIO SYSTEM-STANDARD, NAV I, NAV I W/ADF 17280984 & ON 172S8704 & ON		
PC512	35RAPC4BH3	. JACK ENTERTAINMENT AUDIO (ZONE 211)	80984 & ON S8704 & ON	01 R
PC515	N112B	. JACK PASSENGER 1 HEADSET (ZONE 211)	V82382 80984 & ON S8704 & ON	01 R
PC517	NS112B	. JACK PASSENGER 1 MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF508	N112B	. JACK PASSENGER HEADSET (ZONE 211)	80984 & ON S8704 & ON	01 R
PF509	NS112B	. JACK PASSENGER 2 MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF512	N112B	. JACK COPILOT'S HEADSET (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF513	NS112B	. JACK COPILOT'S MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PI517	030-01094-0058	. CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001	CONNECTOR KIT		01 R
UI517		. AUDIO PANEL		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

- ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED.
- PART OF ALIATED SIGNAL INSTALLATION KIT 050-03397-0002.
- P1509 CONNECTOR IS P/N 050-01094-0004

AUDIO SYSTEM-NAV I, NAV II, NAV III W/HSI
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

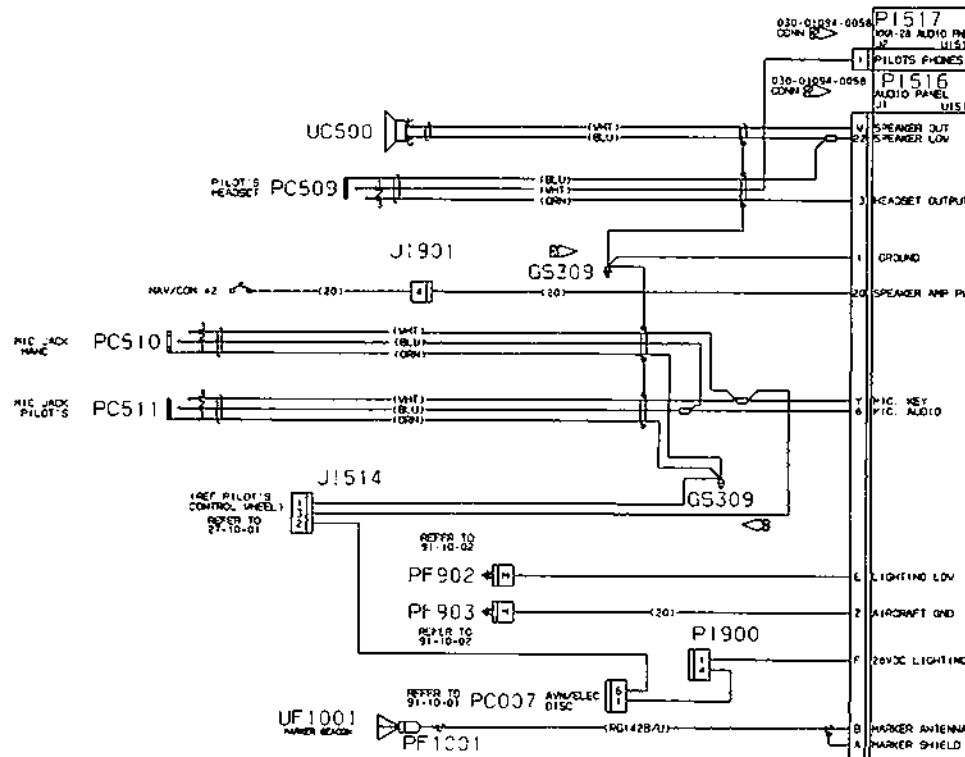
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
01			AUDIO SYSTEM-NAV I, NAV II, NAV II W/HSI 17280831 THRU 17280983 172S8348 THRU 172S8703		
	AF300		. SPLICE		RF R
	AF301		. SPLICE		RF R
	AF302		. SPLICE		RF R
	AF303		. SPLICE		RF R
	AF304		. SPLICE		RF R
	AF305		. SPLICE		RF R
	AF306		. SPLICE		RF R
	J1506	S1641-6	. CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
-		S1636-1	. . SOCKET		AR R
	J1513	S2035-2	. CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 221)		01 R
-		S1636-1	. . SOCKET		AR R
	J1901	S2350-3	. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-		S2353-5	. . PIN		AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
-		S1635-1	. . PIN		AR R
	PC502	S1612-1	. JACK PILOT'S HEADSET (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PC503	S1102-1	. JACK PILOT'S MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PC504	S1102-1	. JACK HAND MIC (ZONE 220)	80001 80983	01 R
				S8001 S8703	
	PC505	S1102-1	. JACK PASSENGER MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PC506	S1612-1	. JACK PASSENGER PHONE (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF1001	UG88C/U	. CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	80004 81097	01 R
				S8001 S9062	
	PF502	S1612-1	. JACK CO-PILOT'S HEADSET (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF503	S1102-1	. JACK CO-PILOT'S MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF504	S1612-1	. JACK PASSENGER PHONE (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF505	S1102-1	. JACK PASSENGER MIC (ZONE 211)	80001 80983	01 R
				S8001 S8703	
	PF902	SK2701	. CONNECTOR GROUND (ZONE 221)	V28198	01 R
-		FC116N2	. . CONTACT		AR R
-		FC120N2	. . CONTACT		AR R
	PF903	SK2701	. CONNECTOR (ZONE 221)		01 R
-		FC120N2	. . CONTACT	V28198	AR R
	P1507	050-03392-0000	. CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	P1508	050-03392-0000	. CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	P1509	030-01094-0004	. CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
	P1900	S3070-9	. CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-		LMD6106P	. . BUSSING MODULE	V49367	01 R
-		LMS01T-TL	. . SPLICE CONNECTOR	V49367	01 R
	UC500	C596504-0101	. SPEAKER (ZONE 211)		01 R
-		S1829-1	. . TERMINAL		02 R
	UF1001	C1102	. ANTENNA MARKER BEACON (ZONE 310)		01 R
	UI507	S3100-160	. PANEL AUDIO (ZONE 225)	80721 80983	01 R
				S8190 S8703	
	UI508		. PANEL AUDIO		RF R

- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED.
2. CONNECTOR PART OF ALLIED SIGNAL INSTALLATION KIT 050-01613-0001.
3. GROUND STUDS ARE LOCATED ON THE BACK OF THE WING-28 MOUNTING RACK.
4. REFER TO DETAIL A FOR PINS IN ENTERTAINMENT JACK.

AUDIO SYSTEM-NAV 11
FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

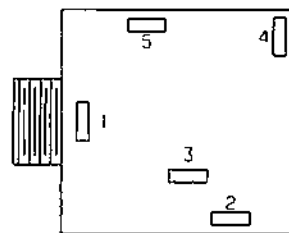
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
02			AUDIO SYSTEM-NAV II		
			17280984 THRU 17281097		
			172S8704 THRU 172S9062		
GS309	3910276-2		GROUND STUD (ZONE 225)		01 R
JI514	S1641-9		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222)		01 R
-	S1636-1		SOCKET		AR R
JI901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5		PIN		AR R
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-	S1635-1		PIN		AR R
PC509	N112B		JACK PILOT'S HEADSET (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PC510	NS112B		JACK HAND MIC (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PC511	NS112B		JACK PILOT'S MIC (ZONE 211)	V82389 80984 & ON	01 R
				S8704 & ON	
PF1001	UG88C/U		CONNECTOR MARKER BEACON ANTENNA DISCONNECT (ZONE 310)	80004 81097	01 R
				S8001 S9062	
PF902	SK2701		CONNECTOR GROUND (ZONE 221)	V28198	01 R
-	FC116N2		CONTACT		AR R
-	FC120N2		CONTACT		AR R
PF903	SK2701		CONNECTOR (ZONE 221)		01 R
-	FC120N2		CONTACT	V28198	AR R
PI516	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001		CONNECTOR KIT		01 R
PI517	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001		CONNECTOR KIT		01 R
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P		BUSSING MODULE	V49367	01 R
-	LMS01T-TL		SPLICE CONNECTOR	V49367	01 R
UC500	C596504-0101		SPEAKER (ZONE 211)		01 R
-	S1829-1		TERMINAL		02 R
UF1001	CI102		ANTENNA MARKER BEACON (ZONE 310)		01 R
UI516	3910310-19		AUDIO PANEL KMA-28	80984 & ON	01 R
				S8704 & ON	
UI517			AUDIO PANEL		RF R

• ITEM NOT ILLUSTRATED

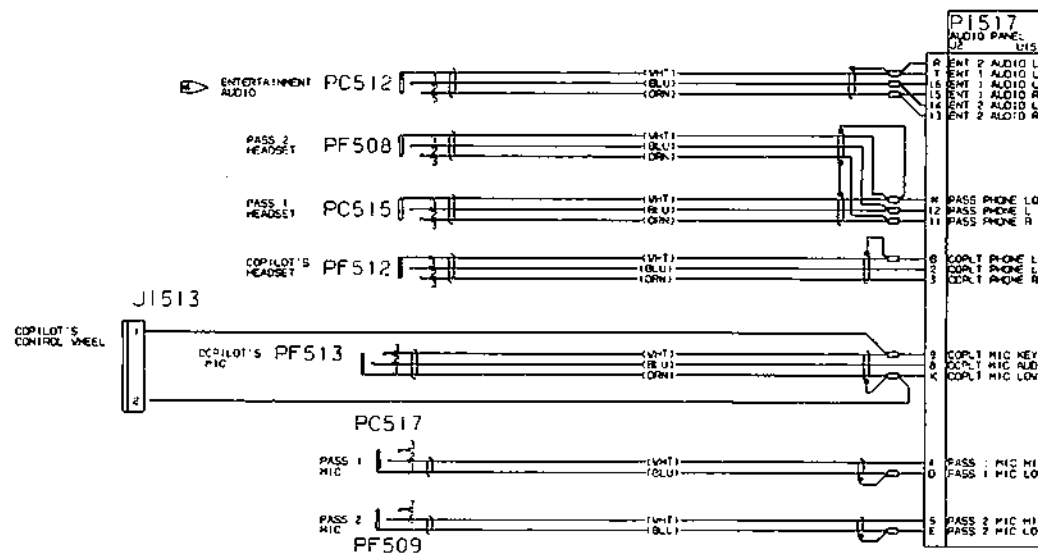
CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



DETAIL A

NOTES:

1. ALL WIRE 22GAUGE UNLESS OTHERWISE NOTED
2. CONNECTOR PART OF ALL ADDITIONAL INSTALLATION KIT 050-03613-0001
3. GROUND STUDS ARE LOCATED ON THE BACK OF THE KNA-26 MOUNTING RACK.
4. REFER TO DETAIL A FOR PINS ON ENTERTAINMENT JACK.



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FIG REF DES	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
02			AUDIO SYSTEM-NAV II 17280984 THRU 17281097 172S8704 THRU 172S9062		
J1513	S2035-2		. CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 221)		01 R
-	S1636-1		. . SOCKET		AR R
PC512	35RAPC48H3		. JACK ENTERTAINMENT AUDIO (ZONE 211)	80984 & ON S8704 & ON	01 R
PC515	N112B		. JACK PASSENGER 1 HEADSET (ZONE 211)	V82382 80984 & ON S8704 & ON	01 R
PC517	NS112B		. JACK PASSENGER 1 MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF508	N112B		. JACK PASSENGER HEADSET (ZONE 211)	80984 & ON S8704 & ON	01 R
PF509	NS112B		. JACK PASSENGER 2 MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF512	N112B		. JACK COPILOT'S HEADSET (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PF513	NS112B		. JACK COPILOT'S MIC (ZONE 211)	V82389 80984 & ON S8704 & ON	01 R
PI517	030-01094-0058		. CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001		. CONNECTOR KIT		01 R
UI517			. AUDIO PANEL		RF R

- ITEM NOT ILLUSTRATED

CHAPTER

24

**ELECTRICAL
POWER**

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>		<u>NUMBER OF PAGES</u>	<u>DATE</u>
24-Title		1	
24-List of Effective Pages		2	Jan 20/2006
24-Record of Revisions		1	
24-Contents		1	Jan 20/2006
24-20-00	Figure 01	2	Jan 20/2006 Deleted
	Figure 02	2	Jan 20/2006 Deleted
24-20-01	Figure 01	4	Jan 20/2006 Added
	Figure 02	4	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
24-30-00	Figure 01	2	Jan 20/2006 Deleted
	Figure 02	2	Jan 20/2006 Deleted
24-30-01	Figure 01	4	Jan 20/2006 Added
	Figure 02	4	Jan 20/2006 Added
	Figure 03	4	Jan 20/2006 Added
24-40-01	Figure 01	2	Jan 20/2006 Added
	Figure 02	2	Jan 20/2006 Added
24-50-00	Figure 01	2	Jan 20/2006 Deleted
	Figure 02	2	Jan 20/2006 Deleted
24-50-01	Figure 01	2	Jan 20/2006 Added
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
	Figure 04	2	Jan 20/2006 Added
24-51-01	Figure 01	2	Jan 20/2006
24-61-01	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
	Figure 03	2	Jan 20/2006
	Figure 04	2	Jan 20/2006 Deleted
24-61-02	Figure 01	2	Jan 20/2006
24-61-03	Figure 01	4	Jan 20/2006 Added
24-62-10	Figure 01	2	Jan 20/2006 Deleted
24-62-11	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
	Figure 03	2	Jan 20/2006
24-62-20	Figure 01	2	Jan 20/2006
24-62-21	Figure 01	2	Jan 20/2006
24-62-22	Figure 01	2	Jan 20/2006
24-62-23	Figure 01	2	Jan 20/2006
24-62-24	Figure 01	2	Jan 20/2006
24-62-25	Figure 01	2	Jan 20/2006
24-62-26	Figure 01	2	Jan 20/2006
24-62-27	Figure 01	2	Jan 20/2006
24-62-28	Figure 01	2	Jan 20/2006
24-62-29	Figure 01	2	Jan 20/2006 Added
24-62-30	Figure 01	2	Jan 20/2006 Added
24-62-31	Figure 01	2	Jan 20/2006 Added
24-62-32	Figure 01	2	Jan 20/2006 Added
24-62-33	Figure 01	2	Jan 20/2006 Added

24 - EFFECTIVITIES

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

CHAPTER
SECTION
SUBJECT

24-62-34
24-62-35

NUMBER
OF
PAGES

DATE

Figure 01	2	Jan 20/2006	Added
Figure 01	2	Jan 20/2006	Added

CESSNA AIRCRAFT COMPANY MODEL 172 WIRING DIAGRAM MANUAL

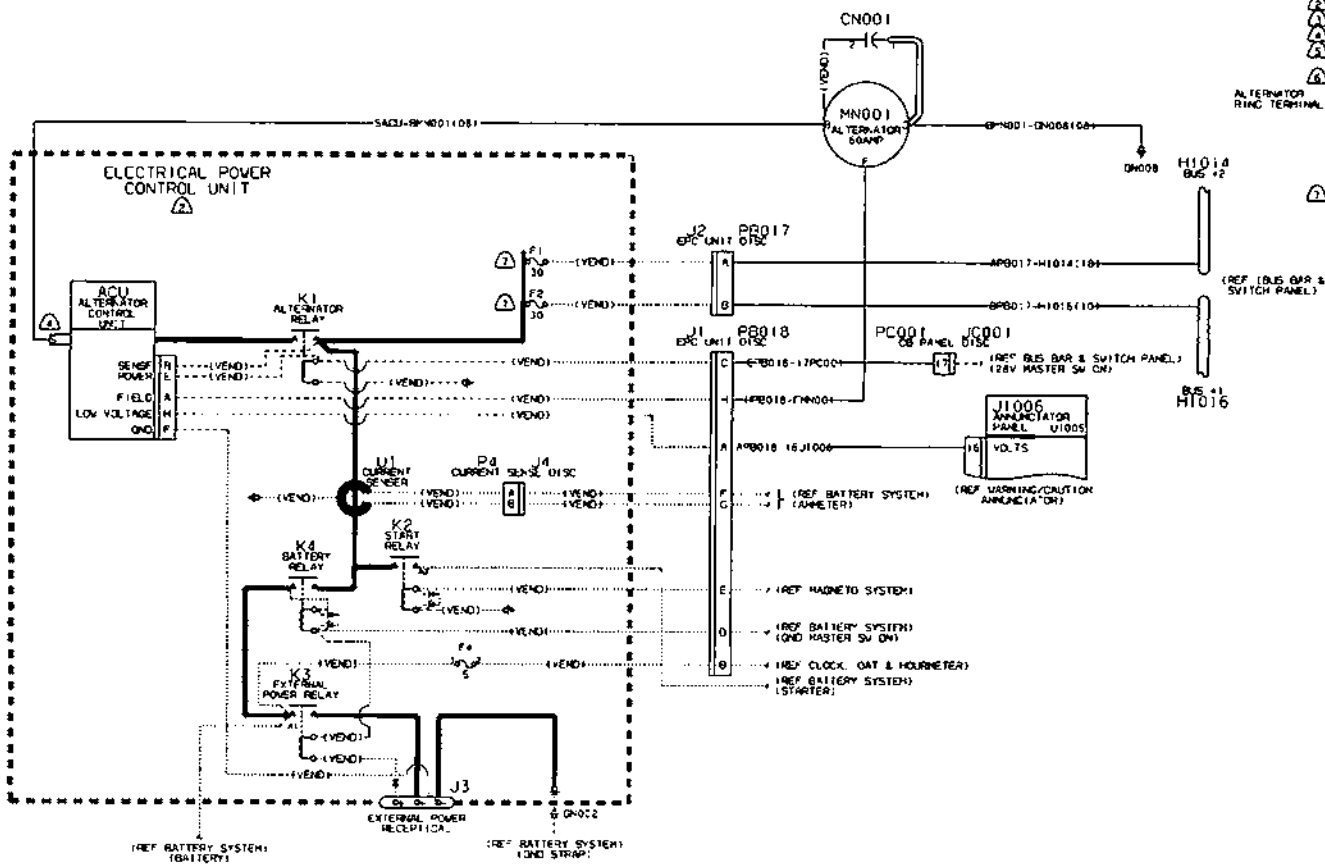
RECORD OF REVISIONS

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
ALTERNATOR SYSTEM	24-20-00	01	
ALTERNATOR SYSTEM	24-20-00	02	
BATTERY SYSTEM	24-30-00	01	
BATTERY SYSTEM	24-30-00	02	
CABIN EQUIPMENT POWER INTERFACE	24-50-00	01	
CABIN EQUIPMENT POWER INTERFACE	24-50-00	02	
POWER CONVERTER	24-51-01	01	
CIRCUIT BREAKER PANEL	24-61-01	01	
CIRCUIT BREAKER PANEL	24-61-01	02	
CIRCUIT BREAKER PANEL	24-61-01	03	
CIRCUIT BREAKER PANEL (OPT-SPLIT AVN SWITCH)	24-61-02	01	
AVIONICS CIRCUIT BREAKER PANEL-STANDARD	24-62-11	01	
AVIONICS CIRCUIT BREAKER PANEL-STANDARD	24-62-11	02	
AVIONICS CIRCUIT BREAKER PANEL-STANDARD	24-62-11	03	
AVIONICS CIRCUIT BREAKER PANEL-NAV I	24-62-20	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV II	24-62-21	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV I W/HSI	24-62-22	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV I	24-62-23	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV I W/ADF	24-62-24	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV II	24-62-25	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV I W/ADF	24-62-26	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV II W/HSI	24-62-27	01	
AVIONICS CIRCUIT BREAKER PANEL-NAV II W/HSI, ADF	24-62-28	01	

CESSNA AIRCRAFT COMPANY
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- NOTES:

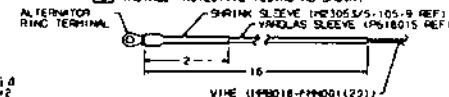
1. ALL WIRE TRAVEL, EXCEPT AS NOTED
2. VENDOR SUPPLIED ASSY

(NEVER USED)

▲ PIN 5 IS STUD LOCATED ON AQU.

5. INSTALL CAVITY PLUG/SEAL IN PIN C ON PBD19 WHEN
OPTIONAL CONFIGURATION IS NOT INSTALLED.

6. INSTALL PROTECTIVE TUBING AS SHOWN:



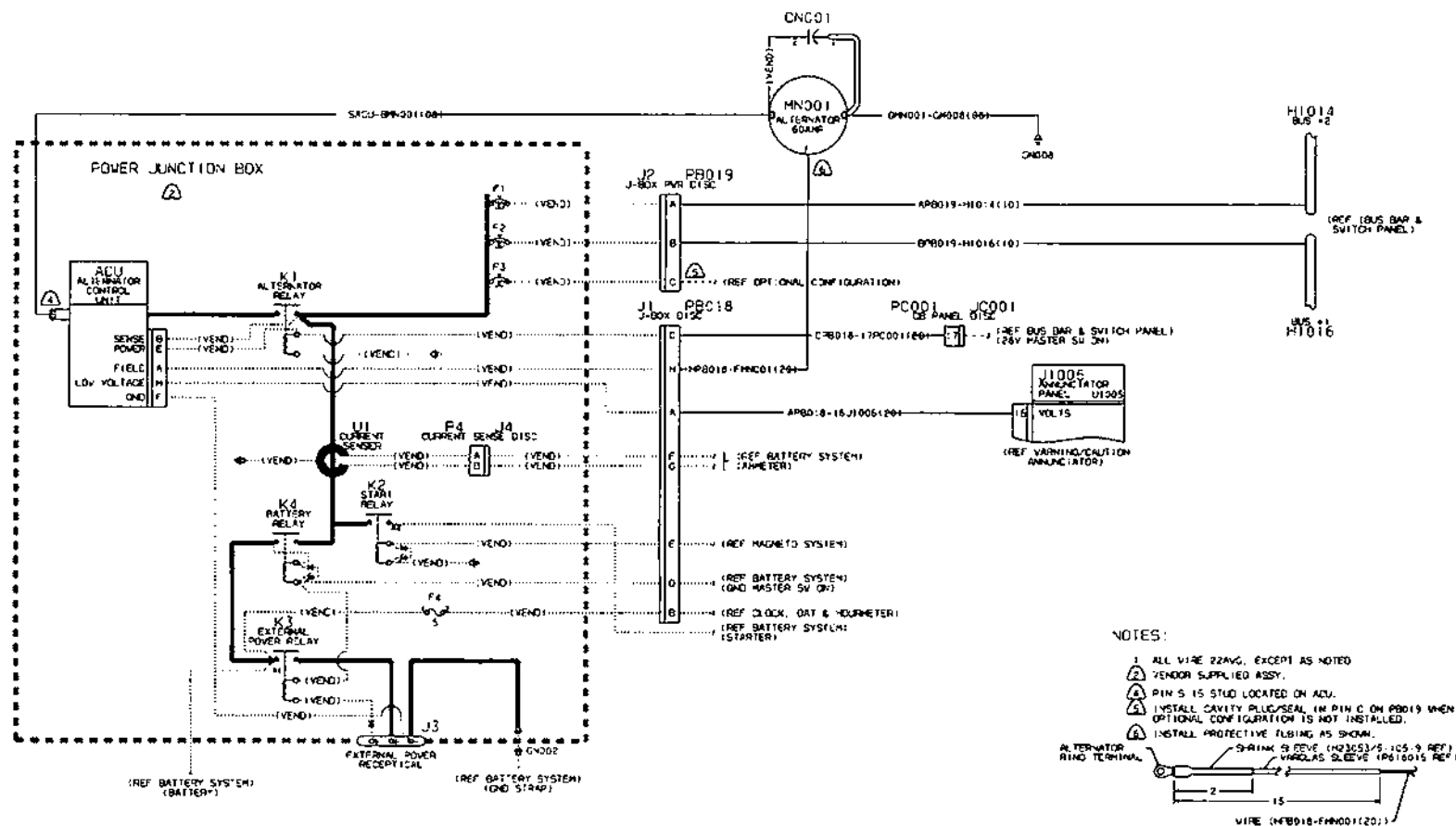
7 FUSE IS REPLACED BY CIRCUIT BREAKER ON CONFIGURATION EFFECTIVE FC42884 & ON OR COMPLIANCE WITH SERVICE BULLETIN 9800-24-01 (REFERENCE).

CESSNA AIRCRAFT COMPANY
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FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES	DES			FROM TO	PER
					ASSY
01			ALTERNATOR SYSTEM		
			17280001 THRU 17280983		
			172S8001 THUR 172S8703		
CN001			. CAPACITOR ALTERNATOR (ZONE 120)		RF R
F1	ATC-30		. FUSE POWER JUNCTION BOX (ZONE 121)	V65702 80001 80983	01 R
			NOT INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8001 S8703	
F1	F53-0003		. CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224).	V65702 80984 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
F2	ATC-30		. FUSE POWER JUNCTION BOX (ZONE 121)	V65702 80001 80983	01 R
			NOT INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8001 S8703	
HI014	6238373-3 62383		. BUS BAR BUS #2 (ZONE 224)		01 R
	73-42				
HI016	6238373-3 62383		. BUS BAR BUS #1 (ZONE 224)		01 R
	73-30				
J1			. CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 121)		
J2			. CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 120)		
J3			. CONNECTOR EXTERNAL POWER RECEPTACLE (ZONE 121).		RF R
J4			. CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121).		RF R
JC001	S2349-5		. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE		01 R
			224)		
-	S2099-4		. SOCKET		AR R
J1006	770585-1		. CONNECTOR (ZONE 225).	V00779	01 R
-	170365-3		. PINS AND SOCKETS		AR R
K1			. RELAY ALTERNATOR. SUPPLIED WITH POWER JUNCTION BOX		RF R
			(ZONE 121)		
K2			. RELAY START. SUPPLIED WITH POWER JUNCTION BOX (ZONE	V00779	RF R
			120)		
K3			. RELAY EXTERNAL POWER. SUPPLIED WITH POWER JUNCTION	V00779	RF R
			BOX (ZONE 121)		
K4			. RELAY BATTERY. SUPPLIED WITH POWER JUNCTION BOX		RF R
			(ZONE 121)		
MN001	9910591-11		. ALTERNATOR 60 AMP (ZONE 120).	80326 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB98-24-01	S8001 & ON	
-	S2114-1		. NIPPLE		AR R
-	S2114-2		. NIPPLE		AR R
MN001	9910591-5		. ALTERNATOR 60 AMP (ZONE 120).	80001 80325	01 R
			AIRPLANES NOT INCORPORATING SB98-24-01		
P4			. CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121).		RF R
PB017	S2800-275		. CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121).	80001 80983	01 R
				S8001 S8703	
PB018	S2800-274		. CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121).		01 R
PC001	S2350-10		. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
	S2353-4		. PIN		AR R
-	S2353-5		. PIN		AR R
U1			. CURRENT SENSOR POWER JUNCTION BOX (ZONE 121)		RF R
UI005			. PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



ALTERNATOR SYSTEM
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

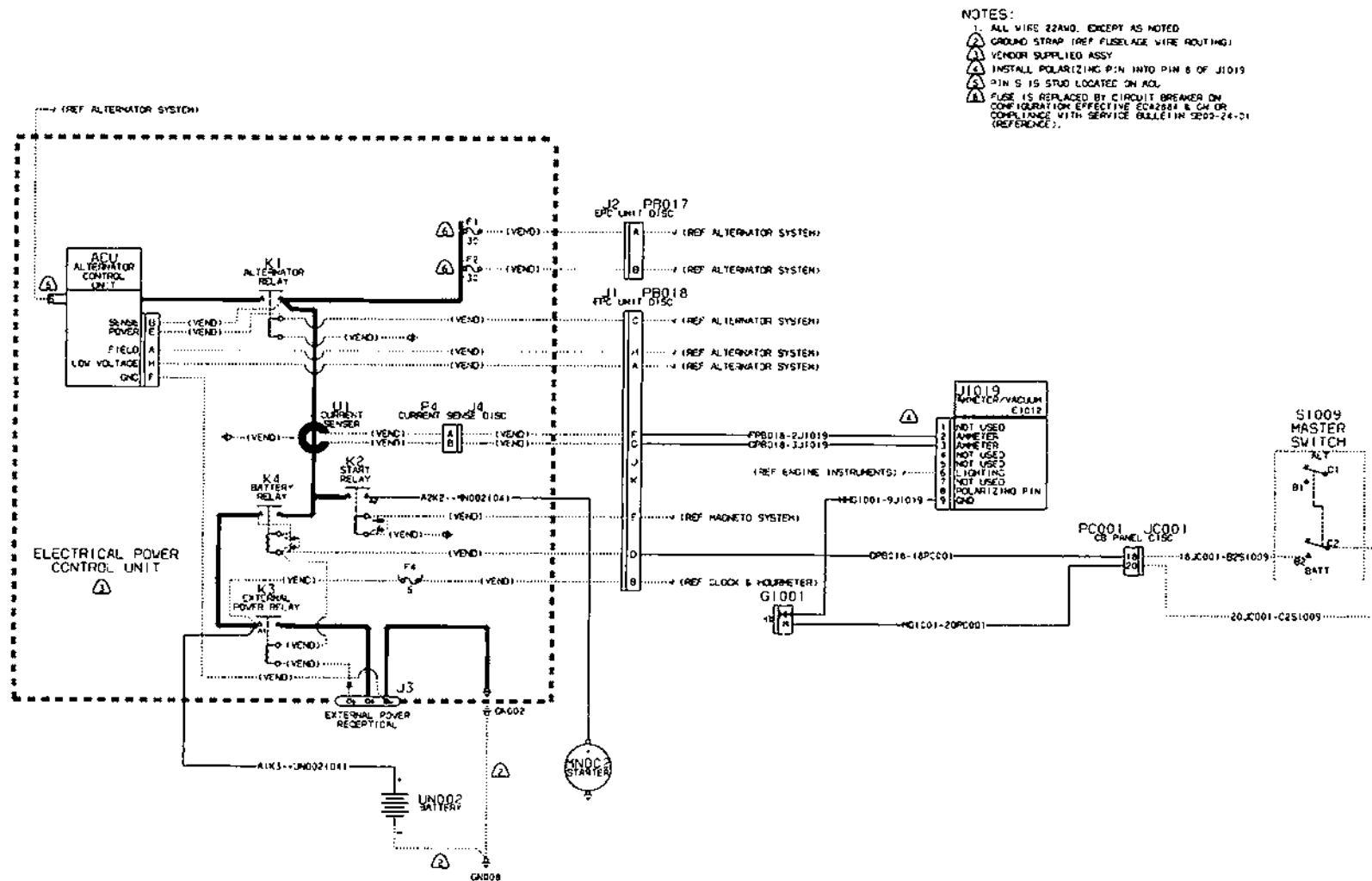
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
02			ALTERNATOR SYSTEM		
			17280984 & ON		
			172S8704 & ON		
CN001			CAPACITOR ALTERNATOR (ZONE 120)		RF R
F1	ATC-30		FUSE POWER JUNCTION BOX (ZONE 121)	V65702 80001 80983	01 R
			NOT INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8001 S8703	
F1	F53-0003		CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224)	V65702 80984 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
F2	F53-0003		CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224)	V65702 80984 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
F3	F53-0003		CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224)	V65702 80984 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
HI014	6238373-3 62383		BUS BAR BUS #2 (ZONE 224)		01 R
	73-42				
HI016	6238373-3 62383		BUS BAR BUS #1 (ZONE 224)		01 R
	73-30				
J1			CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 121)		
J2			CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 120)		
J3			CONNECTOR EXTERNAL POWER RECEPTACLE (ZONE 121)		RF R
J4			CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121)		RF R
JC001	S2349-5		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE		01 R
			224)		
-	S2099-4		SOCKET		AR R
J1006	770585-1		CONNECTOR (ZONE 225)	V00779	01 R
-	170365-3		PINS AND SOCKETS		AR R
K1			RELAY ALTERNATOR. SUPPLIED WITH POWER JUNCTION BOX		RF R
			(ZONE 121)		
K2			RELAY START. SUPPLIED WITH POWER JUNCTION BOX (ZONE	V00779	RF R
			120)		
K3			RELAY EXTERNAL POWER. SUPPLIED WITH POWER JUNCTION	V00779	RF R
			BOX (ZONE 121)		
K4			RELAY BATTERY. SUPPLIED WITH POWER JUNCTION BOX		RF R
			(ZONE 121)		
MN001	9910591-11		ALTERNATOR 60 AMP (ZONE 120)	80326 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB98-24-01	S8001 & ON	
-	S2114-1		NIPPLE		AR R
-	S2114-2		NIPPLE		AR R
P4			CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121)		RF R
PB018	S2800-274		CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
PB019	KTKSAD10280X3		CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)	V1F242	01 R
PC001	S2350-10		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4		PIN		AR R
-	S2353-5		PIN		AR R
U1			CURRENT SENSOR POWER JUNCTION BOX (ZONE 121)		RF R
UI005			PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



BATTERY SYSTEM
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

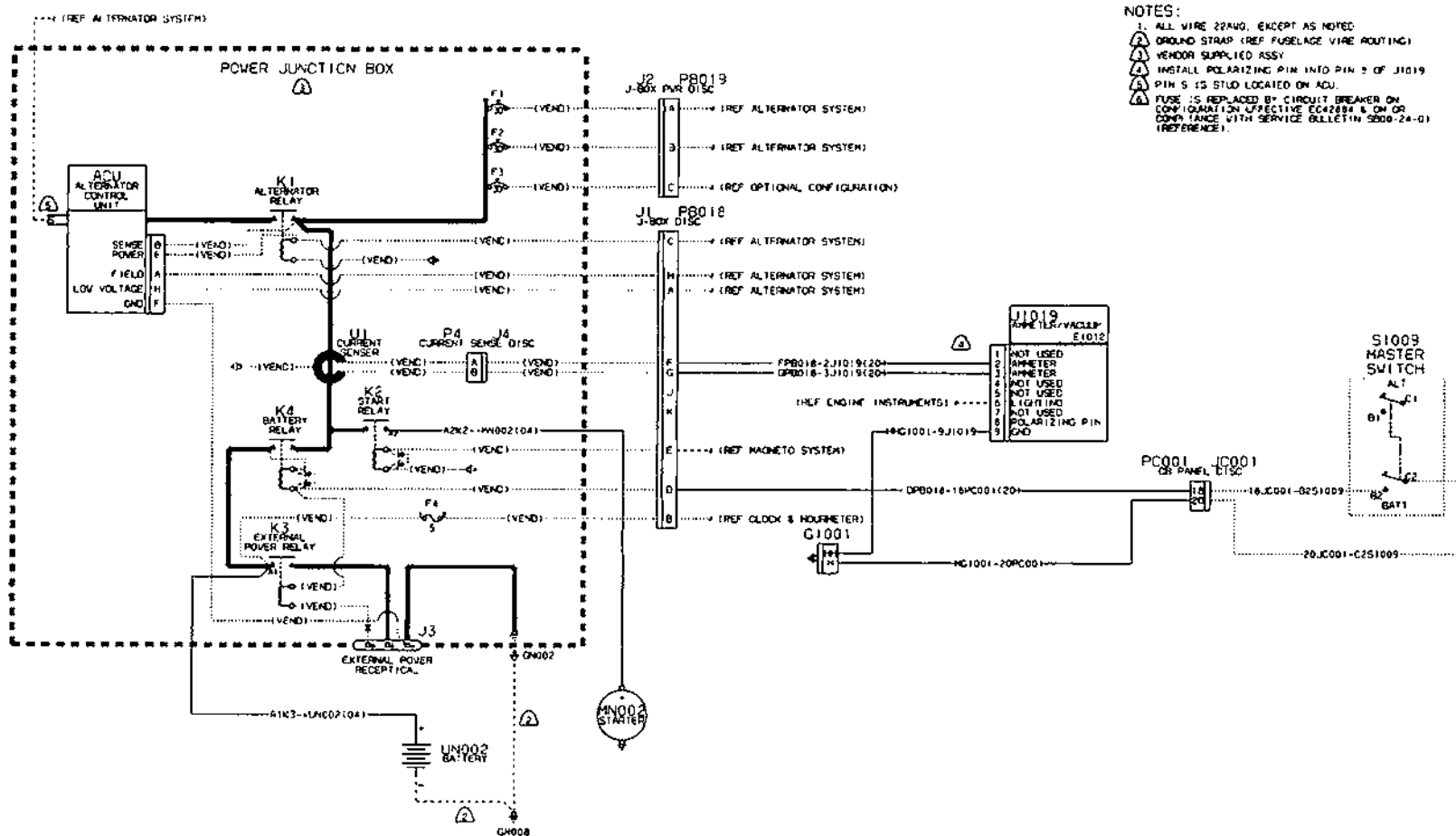
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
		1 2 3 4 5 6 7			ASSY
01			BATTERY SYSTEM		
			17280001 THRU 17280983		
			172S8001 THRU 172S8703		
E1012	S3280-1		INDICATOR AMMETER/VACUUM (ZONE 220)		01 R
F1	ATC-30		FUSE POWER JUNCTION BOX (ZONE 121)	V65702 80001 80983	01 R
			NOT INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8001 S8703	
F1	F53-0003		CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224)	V65702 80984 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
F2	ATC-30		FUSE POWER JUNCTION BOX (ZONE 121)	V65702 80001 80983	01 R
			NOT INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8001 S8703	
GI001	S2527-1		CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
-	203618-1		JACK SCREW		AR R
-	AN340-3		NUT		AR R
-	S2527-3		CLAMP		01 R
-	S2099-4		SOCKET	80001 81142	AR R
GI001	200838-2		CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
				S8403 & ON	
-	201846-1		CLAMP KIT		01 R
-	203618-1		JACK SCREW		AR R
-	AN340-3		NUT		AR R
-	S2099-4		SOCKET	80001 81142	AR R
-	S2099-3		CONTACT	81143 & ON	AR R
J1			CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 121)		
J2			CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 120)		
J3			CONNECTOR EXTERNAL POWER RECEPTACLE (ZONE 121)		RF R
J4			CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121)		RF R
JC001	S2349-5		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE		01 R
			224)		
-	S2099-4		SOCKET		AR R
JI019	S2349-3		CONNECTOR AMMETER/VACUUM (ZONE 220)		01 R
-	S2099-4		SOCKET		AR R
-	S2414-1		KEYING PLUG		AR R
K1			RELAY ALTERNATOR. SUPPLIED WITH POWER JUNCTION BOX		RF R
			(ZONE 121)		
K2			RELAY START. SUPPLIED WITH POWER JUNCTION BOX (ZONE	V00779	RF R
			120)		
K3			RELAY EXTERNAL POWER. SUPPLIED WITH POWER JUNCTION	V00779	RF R
			BOX (ZONE 121)		
K4			RELAY BATTERY. SUPPLIED WITH POWER JUNCTION BOX		RF R
			(ZONE 121)		
MN002	31B22207		STARTER (ZONE 120)	V65702	01 R
-	S1367-6-13		NIPPLE		01 R
P4			CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121)		RF R
PB017	S2800-275		CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)	80001 80983	01 R
				S8001 S8703	
PB018	S2800-274		CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
PC001	S2350-10		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4		PIN		AR R
-	S2353-5		PIN		AR R
SI009	S3272-1-1		SWITCH MASTER (ZONE 224)		01 R
-	S1843-1		MOUNTING BEZEL		AR R
U1			CURRENT SENSOR POWER JUNCTION BOX (ZONE 121)		RF R
UN002	S1367-6-13		BATTERY (ZONE 120)		01 R

- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
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BATTERY SYSTEM
FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

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WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
02		BATTERY SYSTEM		
		17280984 & ON		
		172S8704 & ON		
EI012	S3280-1	INDICATOR AMMETER/VACUUM (ZONE 220)		01 R
F1	ATC-30	FUSE POWER JUNCTION BOX (ZONE 121)	V65702 80001 80983	01 R
		NOT INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8001 S8703	
F1	F53-0003	CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224)	V65702 80984 & ON	01 R
		ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
F2	F53-0003	CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224)	V65702 80984 & ON	01 R
		ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
F3	F53-0003	CIRCUIT BREAKER POWER JUNCTION BOX (ZONE 224)	V65702 80984 & ON	01 R
		ALSO INCLUDING AIRPLANES INCORPORATING SB00-24-01	S8704 & ON	
GI001	S2527-1	CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
			S8001 S8402	
-	203618-1	JACK SCREW		AR R
-	AN340-3	NUT		AR R
-	S2527-3	CLAMP		01 R
-	S2099-4	SOCKET	80001 81142	AR R
GI001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
			S8403 & ON	
-	201846-1	CLAMP KIT		01 R
-	203618-1	JACK SCREW		AR R
-	AN340-3	NUT		AR R
-	S2099-4	SOCKET	80001 81142	AR R
-	S2099-3	CONTACT	81143 & ON	AR R
J1		CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)		RF R
J2		CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER JUNCTION BOX (ZONE 120)		RF R
J3		CONNECTOR EXTERNAL POWER RECEPTACLE (ZONE 121)		RF R
J4		CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121)		RF R
JC001	S2349-5	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	SOCKET		AR R
JI019	S2349-3	CONNECTOR AMMETER/VACUUM (ZONE 220)		01 R
-	S2099-4	SOCKET		AR R
-	S2414-1	KEYING PLUG		AR R
K1		RELAY ALTERNATOR. SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)		RF R
K2		RELAY START. SUPPLIED WITH POWER JUNCTION BOX (ZONE 120)	V00779	RF R
K3		RELAY EXTERNAL POWER. SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)	V00779	RF R
K4		RELAY BATTERY. SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)		RF R
MN002	31B22207	STARTER (ZONE 120)	V65702	01 R
-	S1367-6-13	NIPPLE		01 R
P4		CONNECTOR CURRENT SENSE DISCONNECT (ZONE 121)		RF R
PB018	S2800-274	CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
PB019	KTKSAD10280X3	CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)	V1F242	01 R
PC001	S2350-10	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	PIN		AR R
-	S2353-5	PIN		AR R
SI009	S3272-1-1	SWITCH MASTER (ZONE 224)		01 R
-	S1843-1	MOUNTING BEZEL		AR R
U1		CURRENT SENSOR POWER JUNCTION BOX (ZONE 121)		RF R
UN002	S1367-6-13	BATTERY (ZONE 120)		01 R

- ITEM NOT ILLUSTRATED

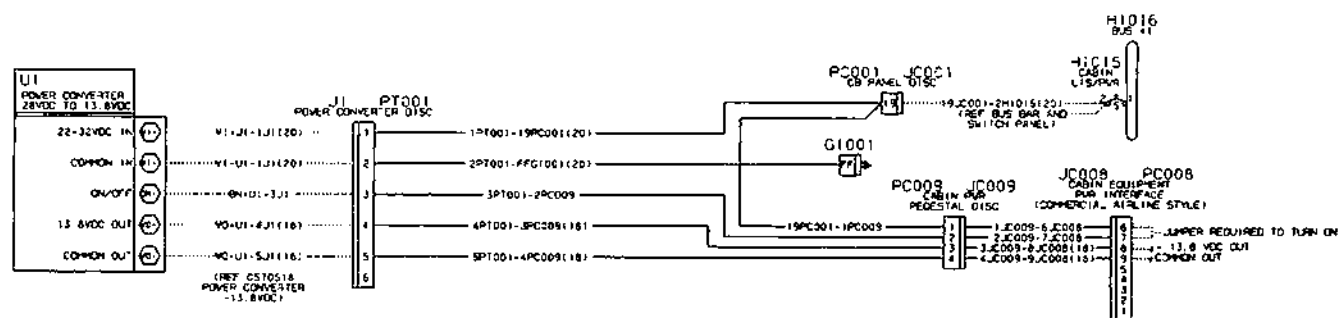
Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. EXCEPT AS NOTED.



CABIN EQUIPMENT POWER INTERFACE
 FIGURE 01 (SHEET 1)

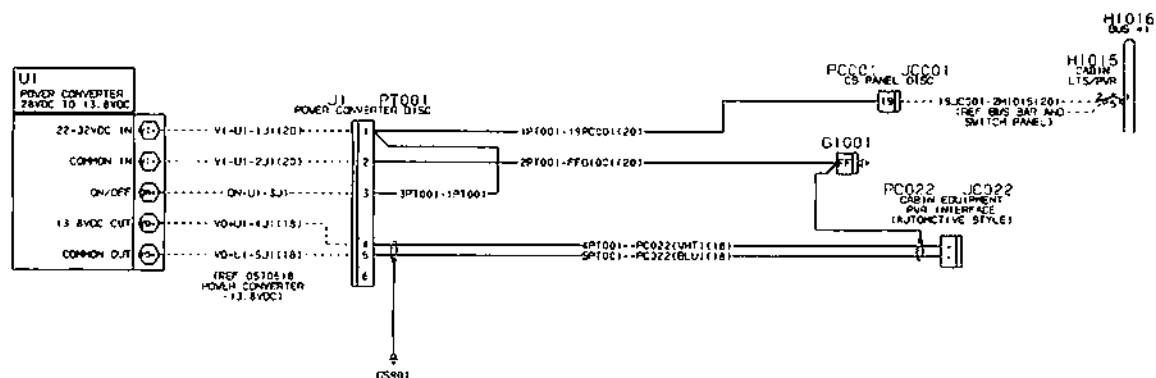
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CESSNA AIRCRAFT COMPANY
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WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		CABIN EQUIPMENT POWER INTERFACE 17280984 THRU 17281142 172S8704 THRU 172S9288		
G1001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
-	201846-1	. . CLAMP KIT		01 R
-	203618-1	. . JACK SCREW		AR R
-	AN340-3	. . NUT		AR R
-	S2099-4	. . SOCKET	80001 81142	AR R
-	S2099-3	. . CONTACT	81143 & ON	AR R
HI015	S1360-5L	CIRCUIT BREAKER CABIN LIGHTS POWER (ZONE 224)	80984 & ON S8704 & ON	01 R
HI016	6238373-3 62383 73-30	BUS BAR BUS #1 (ZONE 224)		01 R
J1	S2350-10	CONNECTOR POWER CONVERTER (ZONE 121)		01 R
JC001	S2349-5	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	. . SOCKET		AR R
JC008	D02EEBFRTAH-0022	CONNECTOR CABIN EQUIPMENT POWER INTERFACE (ZONE 224)	V50541	01 R
JC009	S1638-4	CONNECTOR CABIN POWER (ZONE 211)	80984 81142 S8704 S9288	01 R
-	S1635-1	. . PINS		AR R
PC001	S2350-10	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	. . PIN		AR R
-	S2353-5	. . PIN		AR R
PC008	D02PBMRTH-0025	CONNECTOR CABIN EQUIPMENT POWER INTERFACE.		01 R
PC009	S1638-6	CONNECTOR CABIN POWER INTERFACE PEDESTAL DISCONNECT (ZONE 211)		01 R
-	S1636-1	. . SOCKET		04 R
PT001	S1641-6	CONNECTOR POWER CONVERTER DISCONNECT (ZONE 310) . .		01 R
-	S1636-1	. . CONTACT		AR R
U1		CURRENT SENSOR POWER JUNCTION BOX (ZONE 121)		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



CABIN EQUIPMENT POWER INTERFACE
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
02			CABIN EQUIPMENT POWER INTERFACE		
			17281143 & ON		
			172S9289 & ON		
GI001	200838-2		CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
-	201846-1		CLAMP KIT		01 R
-	203618-1		JACK SCREW		AR R
-	AN340-3		NUT		AR R
-	S2099-4		SOCKET	80001 81142	AR R
-	S2099-3		CONTACT	81143 & ON	AR R
GS901	3910276-2		GROUND STUD (ZONE 310)		01 R
HI015	S1360-5L		CIRCUIT BREAKER CABIN LIGHTS POWER (ZONE 224)	80984 & ON S8704 & ON	01 R
HI016	6238373-3 62383 73-30		BUS BAR BUS #1 (ZONE 224)		01 R
J1	S2350-10		CONNECTOR POWER CONVERTER (ZONE 121)		01 R
JC001	S2349-5		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4		SOCKET		AR R
JC022			CONNECTOR CABIN EQUIPMENT POWER INTERFACE	81143 & ON S9289 & ON	RF R
PC001	S2350-10		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4		PIN		AR R
-	S2353-5		PIN		AR R
PC022	926522-1		CONNECTOR CABIN EQUIPMENT POWER INTERFACE DISCONNECT	81143 & ON S9289 & ON	01 R
-	1-160759-1		RECEPTACLE	V00779	01 R
PT001	S1641-6		CONNECTOR POWER CONVERTER DISCONNECT (ZONE 310)		01 R
-	S1636-1		CONTACT		AR R
U1			CURRENT SENSOR POWER JUNCTION BOX (ZONE 121)		RF R

- ITEM NOT ILLUSTRATED

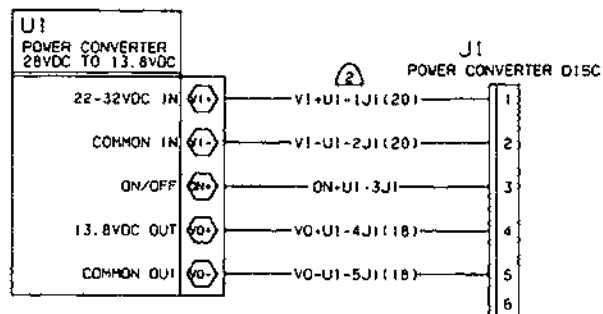
CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

NOTES:

- 1 ALL WIRE 22AWG, EXCEPT AS NOTED.
- 2 WIRE BUNDLE LENGTH SHALL BE 6±1 INCH.



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POWER CONVERTER
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

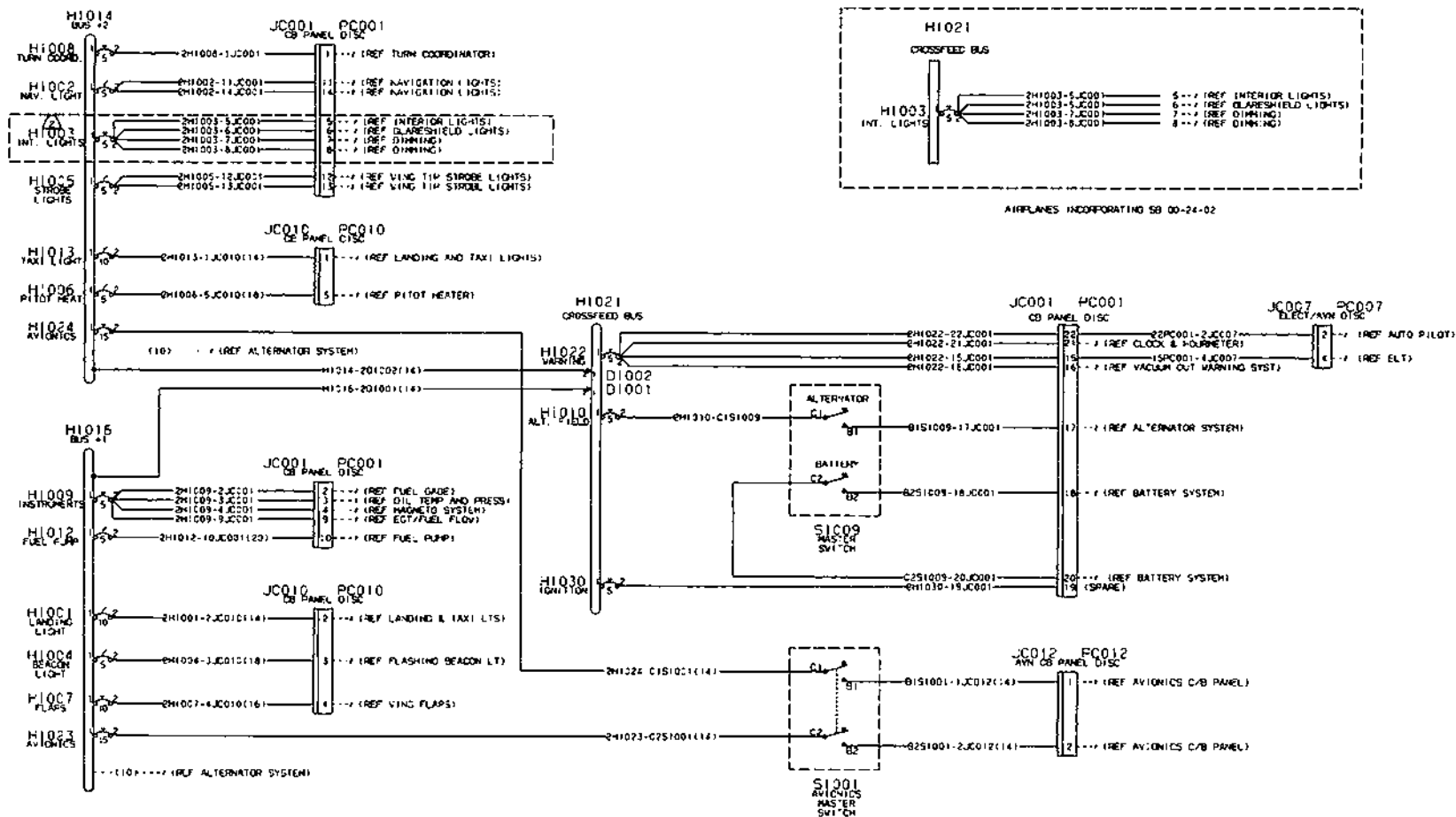
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		POWER CONVERTER 17280984 & ON 172S8704 & ON		
J1	S2350-10	. CONNECTOR POWER CONVERTER (ZONE 121)		01 R
U1		. CURRENT SENSOR POWER JUNCTION BOX (ZONE 121)		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

- ALL WIRE 22AWG, UNLESS OTHERWISE NOTED.
Ⓐ CIRCUIT BREAKER HI002 LOCATED ON HI021 BUS INSTEAD OF HI014 BUS FOR AIRCRAFT 172-80834 & ON AND 172S-08358 & ON (REF DOA02486).



CIRCUIT BREAKER PANEL
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

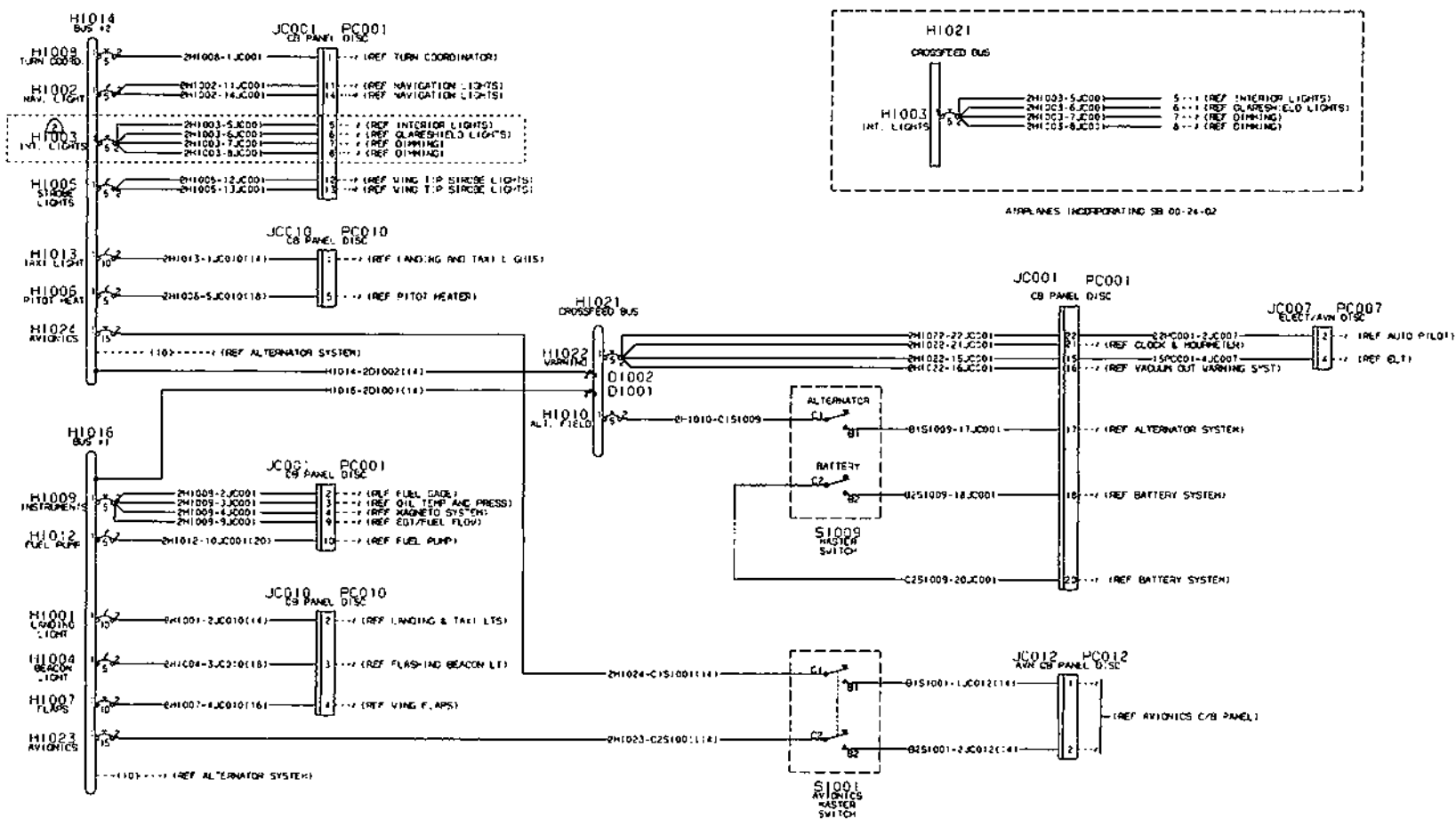
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
			1234567		
01			CIRCUIT BREAKER PANEL		
			17280001 THRU 17280003		
	DI001	1N6391	. DIODE		01 R
	DI002	1N6391	. DIODE		01 R
	HI001	CM3589-10	. CIRCUIT BREAKER LANDING LIGHT (ZONE 224)		01 R
	HI002	CM3589-5	. CIRCUIT BREAKER NAVIGATION LIGHT (ZONE 224)		01 R
	HI003	S1360-5L	. CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
	HI004	CM3589-5	. CIRCUIT BREAKER BEACON LIGHT (ZONE 224)		01 R
	HI005	CM3589-5	. CIRCUIT BREAKER STROBE LIGHT (ZONE 224)		01 R
	HI006	CM3589-5	. CIRCUIT BREAKER PITOT HEAT (ZONE 224)		01 R
	HI007	S1360-10L	. CIRCUIT BREAKER FLAPS (ZONE 224)		01 R
	HI008	S1360-5L	. CIRCUIT BREAKER TURN COORDINATOR (ZONE 224)		01 R
	HI009	S1360-5L	. CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
	HI010	S1360-5L	. CIRCUIT BREAKER ALTERNATOR FIELD (ZONE 224)		01 R
	HI012	CM3589-5	. CIRCUIT BREAKER FUEL PUMP (ZONE 224)		01 R
	HI013	CM3589-10	. CIRCUIT BREAKER TAXI LIGHT (ZONE 224)		01 R
	HI014	6238373-3 62383	. BUS BAR BUS #2 (ZONE 224)		01 R
		73-42			
	HI016	6238373-3 62383	. BUS BAR BUS #1 (ZONE 224)		01 R
		73-30			
	HI021	0518013-4	. BUS BAR CROSSFEED (ZONE 224)		01 R
	HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
	HI023	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
	HI024	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
	HI030	S1360-5L	. CIRCUIT BREAKER IGNITION (ZONE 224)	80001 80003	01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S2099-4	. SOCKET		AR R
	JC007	S1641-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		01 R
		S1636-1	. PINS		AR R
	JC010	S1641-6	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1636-2	. SOCKETS		AR R
	JC012	S2035-2	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1636-2	. SOCKETS		AR R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2353-4	. PIN		AR R
		S2353-5	. PIN		AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
		S1635-1	. PIN		AR R
	PC010	S1640-6	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S1635-1	. PIN		AR R
		S1635-2	. PIN		AR R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1635-2	. PIN		AR R
	SI001	S3271-1-1	. SWITCH AVIONICS MASTER (ZONE 224)		01 R
	SI009	S3272-1-1	. SWITCH MASTER (ZONE 224)		01 R
		S1843-1	. MOUNTING BEZEL		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



CIRCUIT BREAKER PANEL
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

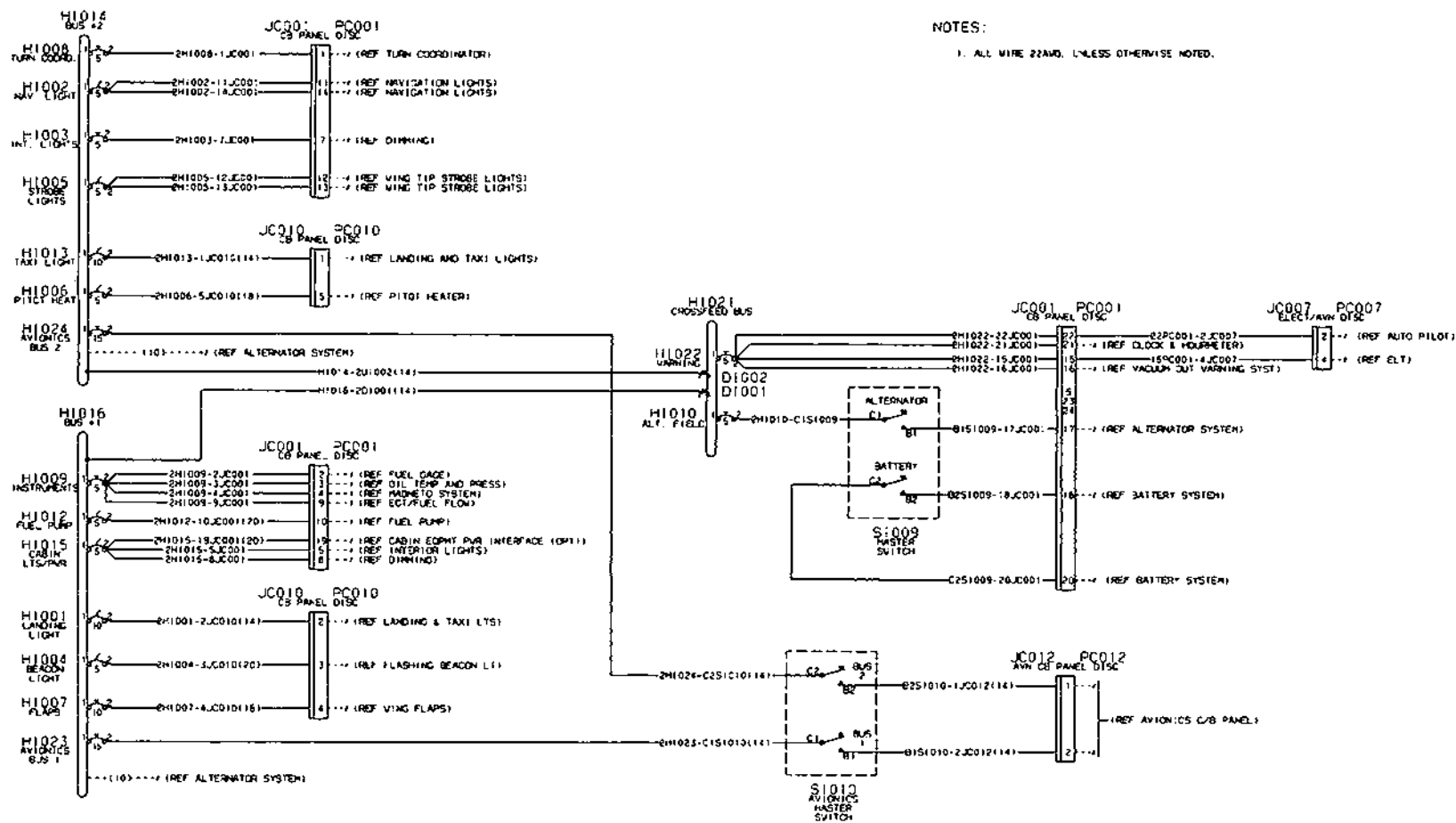
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1234567		
02		CIRCUIT BREAKER PANEL 17280004 THRU 17280983 172S8001 THRU 172S8703		
DI001	1N6391	. DIODE		01 R
DI002	1N6391	. DIODE		01 R
HI001	CM3589-10	. CIRCUIT BREAKER LANDING LIGHT (ZONE 224)		01 R
HI002	CM3589-5	. CIRCUIT BREAKER NAVIGATION LIGHT (ZONE 224)		01 R
HI003	S1360-5L	. CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
HI004	CM3589-5	. CIRCUIT BREAKER BEACON LIGHT (ZONE 224)		01 R
HI005	CM3589-5	. CIRCUIT BREAKER STROBE LIGHT (ZONE 224)		01 R
HI006	CM3589-5	. CIRCUIT BREAKER PITOT HEAT (ZONE 224)		01 R
HI007	S1360-10L	. CIRCUIT BREAKER FLAPS (ZONE 224)		01 R
HI008	S1360-5L	. CIRCUIT BREAKER TURN COORDINATOR (ZONE 224)		01 R
HI009	S1360-5L	. CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
HI010	S1360-5L	. CIRCUIT BREAKER ALTERNATOR FIELD (ZONE 224)		01 R
HI012	CM3589-5	. CIRCUIT BREAKER FUEL PUMP (ZONE 224)		01 R
HI013	CM3589-10	. CIRCUIT BREAKER TAXI LIGHT (ZONE 224)		01 R
HI014	6238373-3 62383 73-42	. BUS BAR BUS #2 (ZONE 224)		01 R
HI016	6238373-3 62383 73-30	. BUS BAR BUS #1 (ZONE 224)		01 R
HI021	0518013-4	. BUS BAR CROSSFEED (ZONE 224)		01 R
HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
HI023	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
HI024	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	. . SOCKET		AR R
JC007	S1641-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224) .		01 R
-	S1636-1	. . PINS		AR R
JC010	S1641-6	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1636-2	. . SOCKETS		AR R
JC012	S2035-2	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1636-2	. . SOCKETS		AR R
PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	. . PIN		AR R
-	S2353-5	. . PIN		AR R
PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220) .		01 R
-	S1635-1	. . PIN		AR R
PC010	S1640-6	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S1635-1	. . PIN		AR R
-	S1635-2	. . PIN		AR R
PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1635-2	. . PIN		AR R
SI001	S3271-1-1	. SWITCH AVIONICS MASTER (ZONE 224)		01 R
SI009	S3272-1-1	. SWITCH MASTER (ZONE 224)		01 R
-	S1843-1	. . MOUNTING BEZEL		AR R

- ITEM NOT ILLUSTRATED

Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



CIRCUIT BREAKER PANEL
FIGURE 03 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

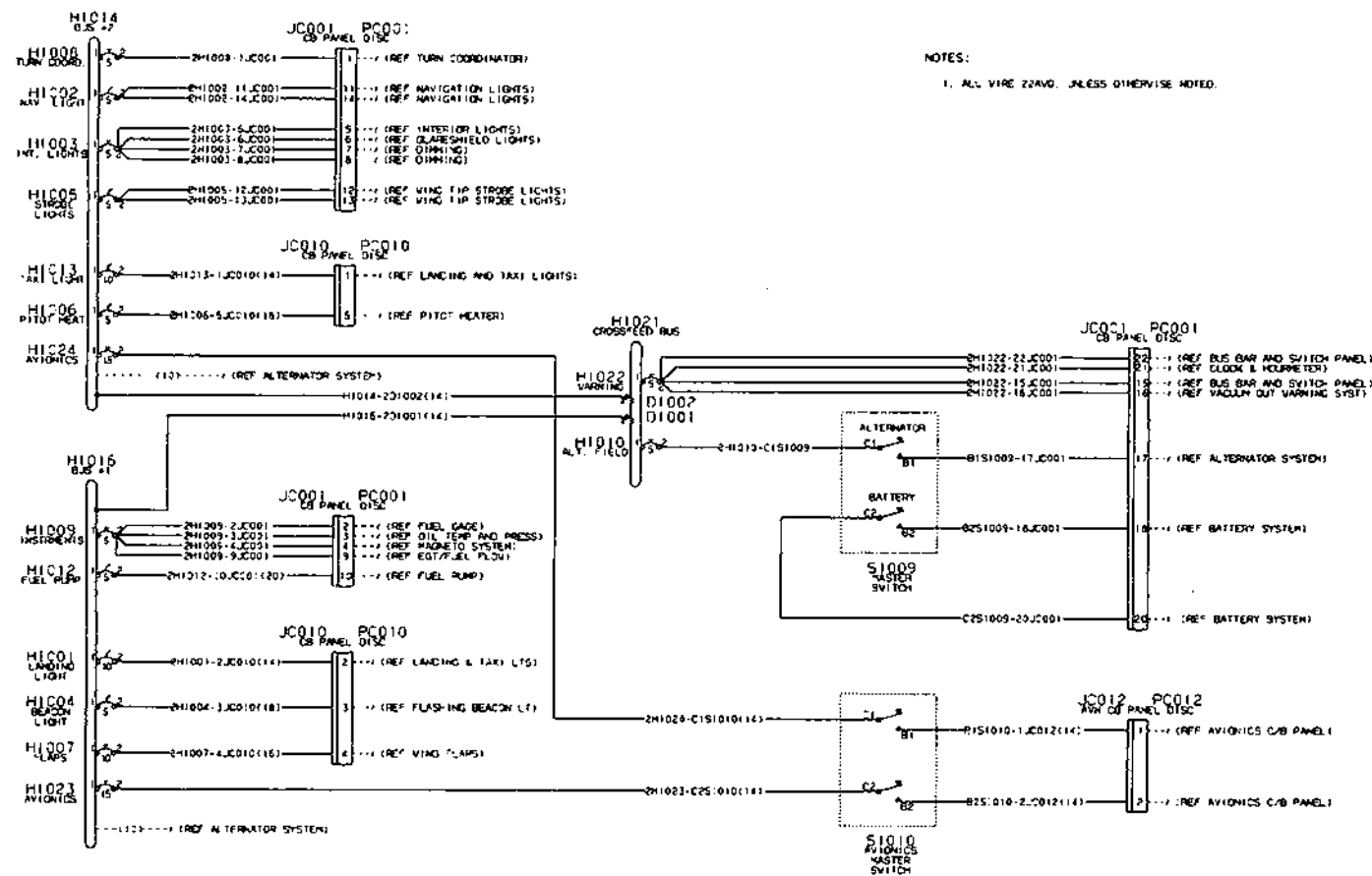
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
03			1234567		
			CIRCUIT BREAKER PANEL		
			17280984 & ON		
			172S8704 & ON		
	DI001	1N6391	. DIODE		01 R
	DI002	1N6391	. DIODE		01 R
	HI001	CM3589-10	. CIRCUIT BREAKER LANDING LIGHT (ZONE 224)		01 R
	HI002	CM3589-5	. CIRCUIT BREAKER NAVIGATION LIGHT (ZONE 224)		01 R
	HI003	S1360-5L	. CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
	HI004	CM3589-5	. CIRCUIT BREAKER BEACON LIGHT (ZONE 224)		01 R
	HI005	CM3589-5	. CIRCUIT BREAKER STROBE LIGHT (ZONE 224)		01 R
	HI006	CM3589-5	. CIRCUIT BREAKER PITOT HEAT (ZONE 224)		01 R
	HI007	S1360-10L	. CIRCUIT BREAKER FLAPS (ZONE 224)		01 R
	HI008	S1360-5L	. CIRCUIT BREAKER TURN COORDINATOR (ZONE 224)		01 R
	HI009	S1360-5L	. CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
	HI010	S1360-5L	. CIRCUIT BREAKER ALTERNATOR FIELD (ZONE 224)		01 R
	HI012	CM3589-5	. CIRCUIT BREAKER FUEL PUMP (ZONE 224)		01 R
	HI013	CM3589-10	. CIRCUIT BREAKER TAXI LIGHT (ZONE 224)		01 R
	HI014	6238373-3 62383	. BUS BAR BUS #2 (ZONE 224)		01 R
		73-42			
	HI015	S1360-5L	. CIRCUIT BREAKER CABIN LIGHTS POWER (ZONE 224)	80984 & ON S8704 & ON	01 R
	HI016	6238373-3 62383	. BUS BAR BUS #1 (ZONE 224)		01 R
		73-30			
	HI021	0518013-4	. BUS BAR CROSSFEED (ZONE 224)		01 R
	HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
	HI023	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
	HI024	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S2099-4	. SOCKET		AR R
	JC007	S1641-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		01 R
		S1636-1	. PINS		AR R
	JC010	S1641-6	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1636-2	. SOCKETS		AR R
	JC012	S2035-2	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1636-2	. SOCKETS		AR R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2353-4	. PIN		AR R
		S2353-5	. PIN		AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
		S1635-1	. PIN		AR R
	PC010	S1640-6	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S1635-1	. PIN		AR R
		S1635-2	. PIN		AR R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1635-2	. PIN		AR R
	SI009	S3272-1-1	. SWITCH MASTER (ZONE 224)		01 R
		S1843-1	. MOUNTING BEZEL		AR R
	SI010	S3443-1-1	. SWITCH AVIONICS MASTER (ZONE 224)		01 R

• ITEM NOT ILLUSTRATED

Figure 03

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



CIRCUIT BREAKER AND SWITCH PANEL
SPLIT AVIONICS MASTER OPTION
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

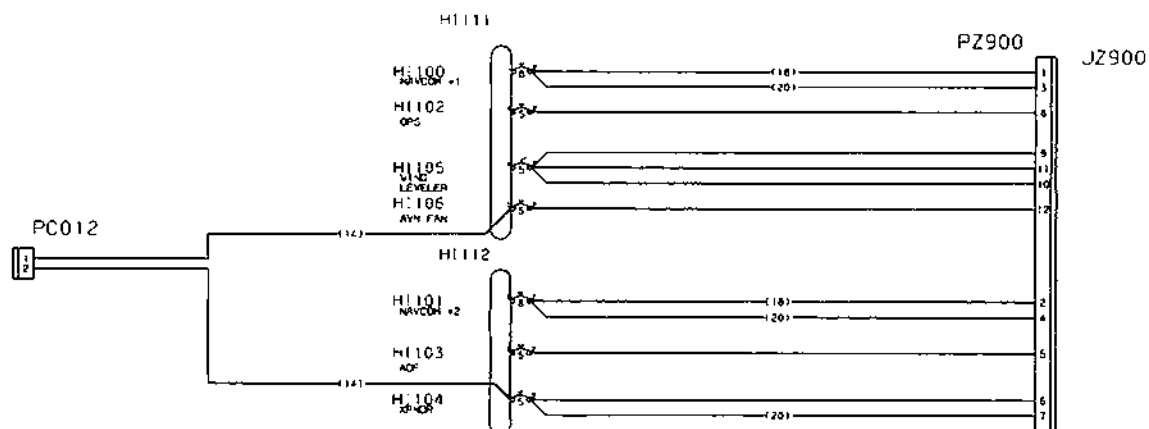
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			CIRCUIT BREAKER PANEL (OPT-SPLIT AVN SWITCH)		
			17280718 & ON		
			172SB118 & ON		
	DI001	1N6391	. DIODE		01 R
	DI002	1N6391	. DIODE		01 R
	HI001	CM3589-10	. CIRCUIT BREAKER LANDING LIGHT (ZONE 224)		01 R
	HI002	CM3589-5	. CIRCUIT BREAKER NAVIGATION LIGHT (ZONE 224)		01 R
	HI003	S1360-5L	. CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
	HI004	CM3589-5	. CIRCUIT BREAKER BEACON LIGHT (ZONE 224)		01 R
	HI005	CM3589-5	. CIRCUIT BREAKER STROBE LIGHT (ZONE 224)		01 R
	HI006	CM3589-5	. CIRCUIT BREAKER PITOT HEAT (ZONE 224)		01 R
	HI007	S1360-10L	. CIRCUIT BREAKER FLAPS (ZONE 224)		01 R
	HI008	S1360-5L	. CIRCUIT BREAKER TURN COORDINATOR (ZONE 224)		01 R
	HI009	S1360-5L	. CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
	HI010	S1360-5L	. CIRCUIT BREAKER ALTERNATOR FIELD (ZONE 224)		01 R
	HI012	CM3589-5	. CIRCUIT BREAKER FUEL PUMP (ZONE 224)		01 R
	HI013	CM3589-10	. CIRCUIT BREAKER TAXI LIGHT (ZONE 224)		01 R
	HI014	6238373-3 62383	. BUS BAR BUS #2 (ZONE 224)		01 R
		73-42			
	HI016	6238373-3 62383	. BUS BAR BUS #1 (ZONE 224)		01 R
		73-30			
	HI021	0518013-4	. BUS BAR CROSSFEED (ZONE 224)		01 R
	HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
	HI023	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
	HI024	S1360-15L	. CIRCUIT BREAKER AVIONICS (ZONE 224)		01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S2099-4	. SOCKET		AR R
	JC010	S1641-6	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1636-2	. SOCKETS		AR R
	JC012	S2035-2	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1636-2	. SOCKETS		AR R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2353-4	. PIN		AR R
		S2353-5	. PIN		AR R
	PC010	S1640-6	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S1635-1	. PIN		AR R
		S1635-2	. PIN		AR R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1635-2	. PIN		AR R
	SI009	S3272-1-1	. SWITCH MASTER (ZONE 224)		01 R
		S1843-1	. MOUNTING BEZEL		AR R
	SI010	S3443-1-1	. SWITCH AVIONICS MASTER (ZONE 224)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



AVIONICS CIRCUIT BREAKER PANEL-STANDARD
 FIGURE 01 (SHEET 1)

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

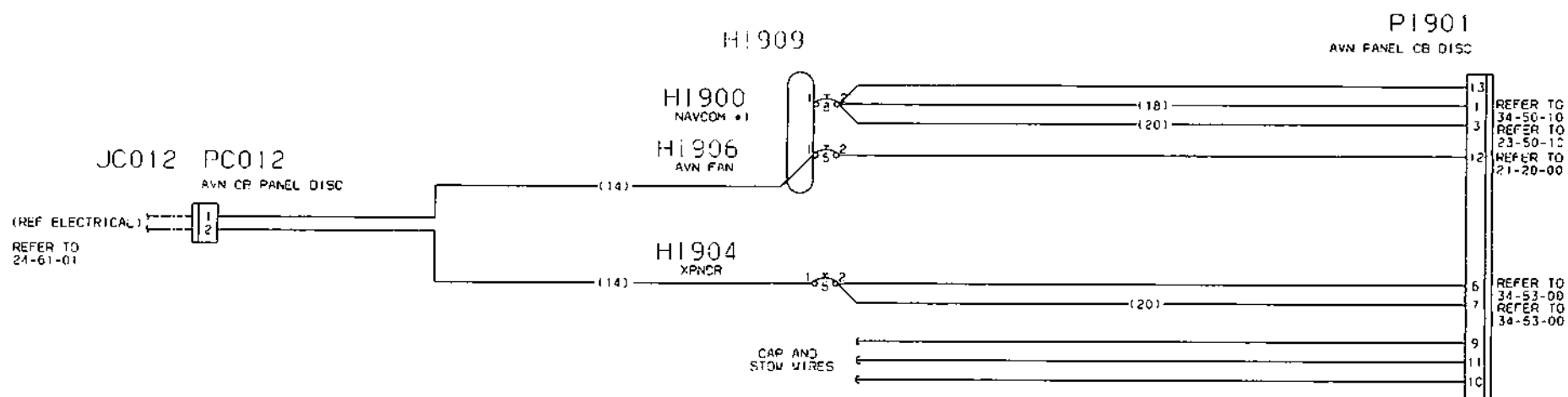
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			AVIONICS CIRCUIT BREAKER PANEL-STANDARD 17280001 THRU 17280003		
	HI100	S1360-8L	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)		01 R
	HI101	S1360-8L	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)		01 R
	HI102	S1360-5L	. CIRCUIT BREAKER GPS		01 R
	HI103	S1360-5L	. CIRCUIT BREAKER ADF		01 R
	HI104	S1360-5L	. CIRCUIT BREAKER TRANSPONDER		01 R
	HI105	S1360-5L	. CIRCUIT BREAKER WING LEVELER		01 R
	HI106	S1360-5L	. CIRCUIT BREAKER AVIONICS FAN		01 R
	JZ900	S2350-3	. CONNECTOR (ZONE 220)		01 R
-		S2353-4	. . PINS		AR R
-		S2353-5	. . PINS		AR R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S1635-2	. . PIN		AR R
	PZ900	S2349-1	. CONNECTOR WING LEVELER DISCONNECT (ZONE 220)		01 R
-		S2099-3	. . CONTACTS		AR R
-		S2099-4	. . CONTACTS		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



3929156_1

AVIONICS CIRCUIT BREAKER PANEL
FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

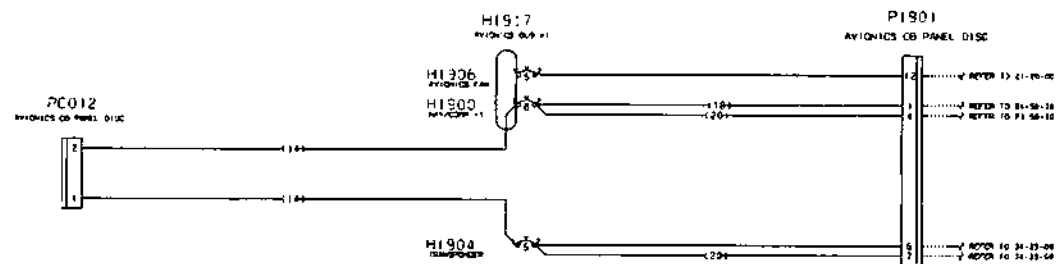
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
02			AVIONICS CIRCUIT BREAKER PANEL-STANDARD 17280004 THRU 17280983 172S8001 THRU 172S8703		
	HI900	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
	HI904	1610-128-050A7	. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
	HI906	1610-128-050A7	. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	HI909	6238373-3 623	. BUS BAR (ZONE 224)	80001 80983 S8001 S8703	01 R
		8373-3			
	JC012	S2035-2	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S1636-2	. . SOCKETS		AR R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S1635-2	. . PIN		AR R
	PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-		S2099-3	. . CONTACT		AR R
-		S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



AVIONICS CIRCUIT BREAKER PANEL-STANDARD
 FIGURE C3 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

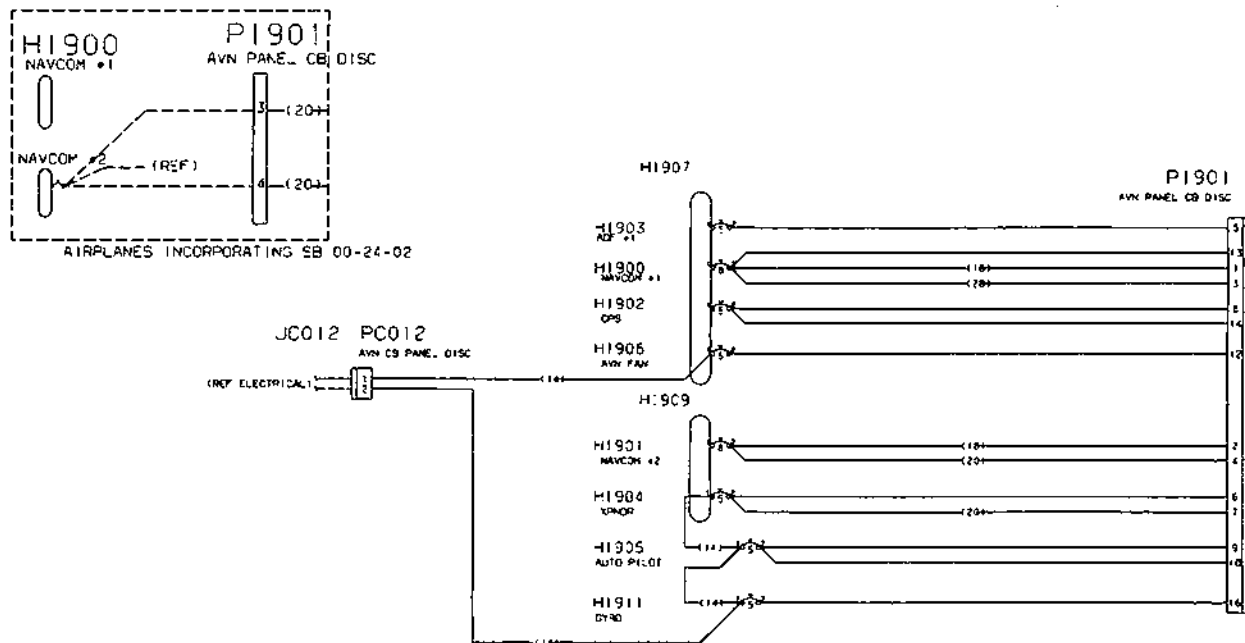
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
03			AVIONICS CIRCUIT BREAKER PANEL-STANDARD		
			17280984 & ON		
			172S8704 & ON		
	HI900	1610-128-080A7	CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
	HI904	1610-128-050A7	CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
	HI906	1610-128-050A7	CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	HI917	6238373-2	BUS BAR AVIONICS BUS #1 (ZONE 224)		01 R
	PC012	S2035-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL		01 R
			DISCONNECT (ZONE 224)		
	-	S1635-2	. . PIN		AR R
	PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
	-	S2099-3	. . CONTACT		AR R
	-	S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED.



AVIONICS CIRCUIT BREAKER PANEL - NAV 1
 WITH HORIZONTAL SITUATION INDICATOR
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

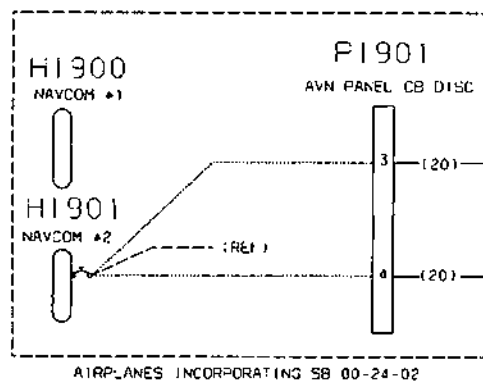
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			AVIONICS CIRCUIT BREAKER PANEL-NAV I		
			17280004 THRU 17280610		
			172S8001 THRU 172S8703		
HI900	1610-128-080A7		CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
HI901	1610-128-080A7		CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
HI902	1610-128-050A7		CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
HI903	1610-128-050A7		CIRCUIT BREAKER ADF #1 (ZONE 224)	V76374	01 R
HI904	1610-128-050A7		CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
HI905	1610-128-050A7		CIRCUIT BREAKER AUTOPILOT (ZONE 224)	V76374	01 R
HI906	1610-128-050A7		CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
HI907	6238373-4		BUS BAR (ZONE 224)		01 R
HI909	6238373-3 623		BUS BAR (ZONE 224)	80001 80983 S8001 S8703	01 R
	6373-3				
HI911	1610-128-050A7		CIRCUIT BREAKER GYRO (ZONE 224)	V76374	01 R
JC012	S2035-2		CONNECTOR AVIONICS CIRCUIT BREAKER PANEL		01 R
			DISCONNECT (ZONE 224)		
	S1636-2		SOCKETS		AR R
PC012	S2035-1		CONNECTOR AVIONICS CIRCUIT BREAKER PANEL		01 R
			DISCONNECT (ZONE 224)		
	S1635-2		PIN		AR R
PI901	S2349-1		CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
	S2099-3		CONTACT		AR R
	S2099-4		CONTACT		AR R

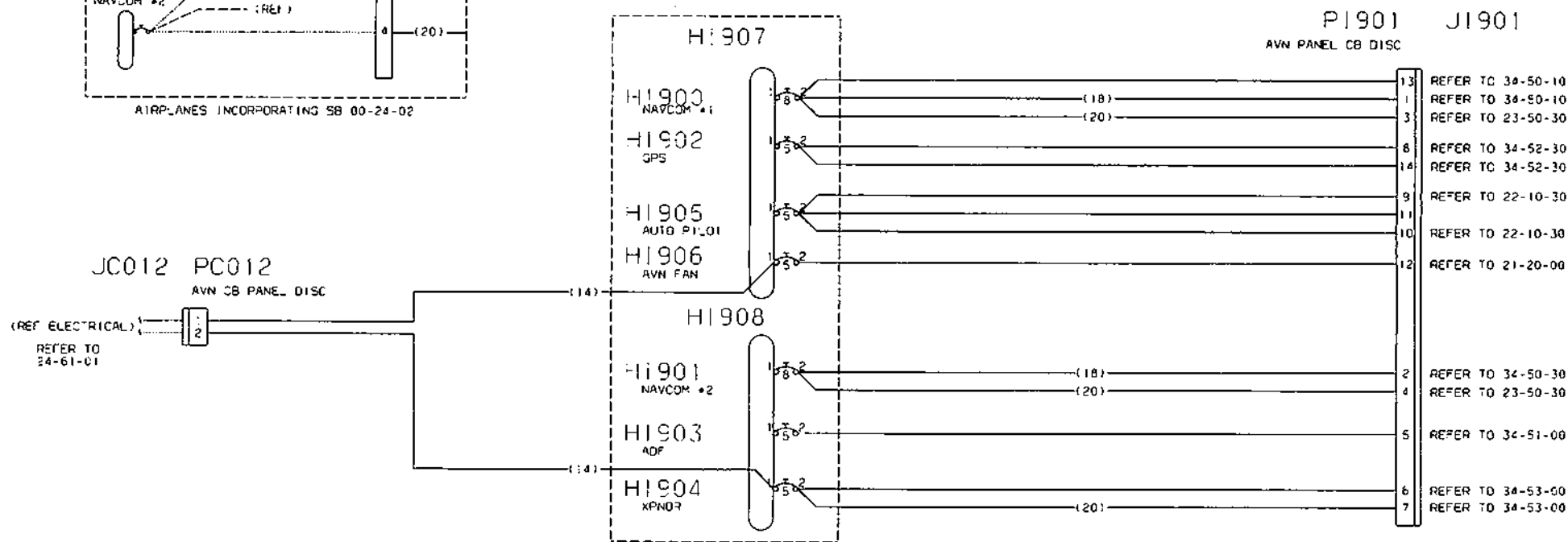
- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED.



AVIONICS CIRCUIT BREAKER PANEL
 FIGURE 01 (SHEET 1)

3929108-1

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MODEL 172
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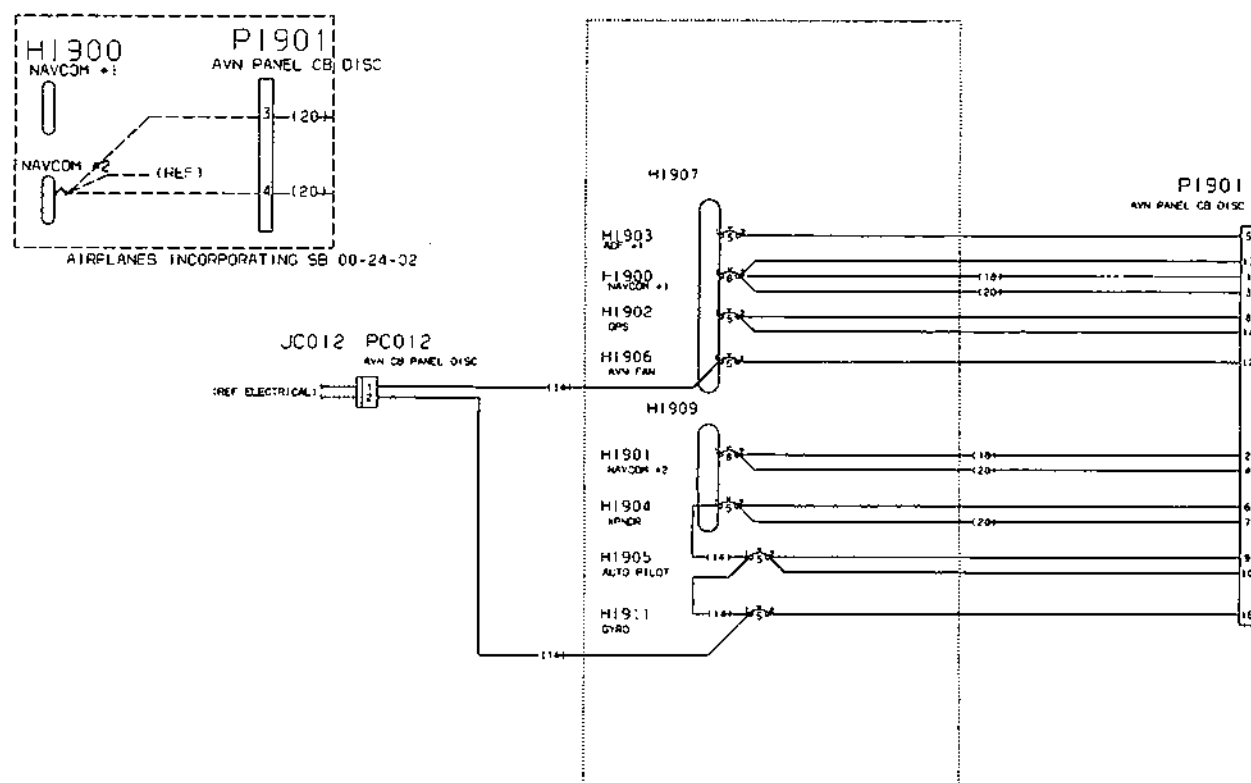
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			AVIONICS CIRCUIT BREAKER PANEL-NAV II		
			17280001 THRU 17280983		
			172S8001 THRU 172S8703		
HI900	1610-128-080A7		. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
HI901	1610-128-080A7		. CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
HI902	1610-128-050A7		. CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
HI903	1610-128-050A7		. CIRCUIT BREAKER ADF #1 (ZONE 224)	V76374	01 R
HI904	1610-128-050A7		. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
HI905	1610-128-050A7		. CIRCUIT BREAKER AUTOPILOT (ZONE 224)	V76374	01 R
HI906	1610-128-050A7		. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
HI907	6238373-4		. BUS BAR (ZONE 224)		01 R
HI908	6238373-3		. BUS BAR (ZONE 224)		01 R
JC012	S2035-2		. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL		01 R
			DISCONNECT (ZONE 224)		
-	S1636-2		. . SOCKETS		AR R
JI901	S2350-3		. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE		01 R
			220)		
-	S2353-5		. . PIN		AR R
PC012	S2035-1		. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL		01 R
			DISCONNECT (ZONE 224)		
-	S1635-2		. . PIN		AR R
PI901	S2349-1		. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-	S2099-3		. . CONTACT		AR R
-	S2099-4		. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED.



AVIONICS CIRCUIT BREAKER PANEL - NAV :
 WITH HORIZONTAL SITUATION INDICATOR
 FIGURE 01 (SHEET 1)

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MODEL 172

WIRING DIAGRAM MANUAL

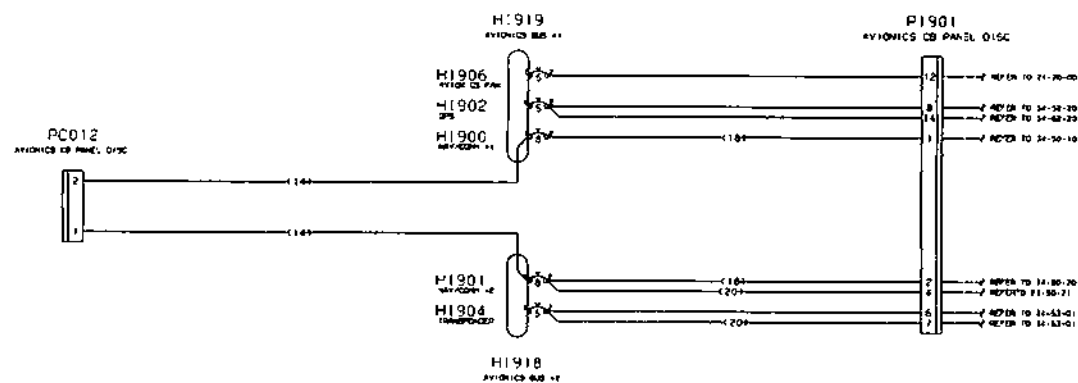
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		AVIONICS CIRCUIT BREAKER PANEL-NAV I W/HSI 17280694 THRU 17280983 172S8113 THRU 172S8703		
HI900	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
HI901	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
HI902	1610-128-050A7	. CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
HI903	1610-128-050A7	. CIRCUIT BREAKER ADF #1 (ZONE 224)	V76374	01 R
HI904	1610-128-050A7	. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
HI905	1610-128-050A7	. CIRCUIT BREAKER AUTOPILOT (ZONE 224)	V76374	01 R
HI906	1610-128-050A7	. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
HI907	6238373-4	. BUS BAR (ZONE 224)		01 R
HI909	6238373-3 623	. BUS BAR (ZONE 224)	80001 80983 S8001 S8703	01 R
	8373-3			
HI911	1610-128-050A7	. CIRCUIT BREAKER GYRO (ZONE 224)	V76374	01 R
JC012	S2035-2	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1636-2	. . SOCKETS		AR R
PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1635-2	. . PIN		AR R
PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-	S2099-3	. . CONTACT		AR R
-	S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED.



AVIONICS CIRCUIT BREAKER PANEL - NAV 1
 FIGURE 01 (SHEET 1)

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MODEL 172

WIRING DIAGRAM MANUAL

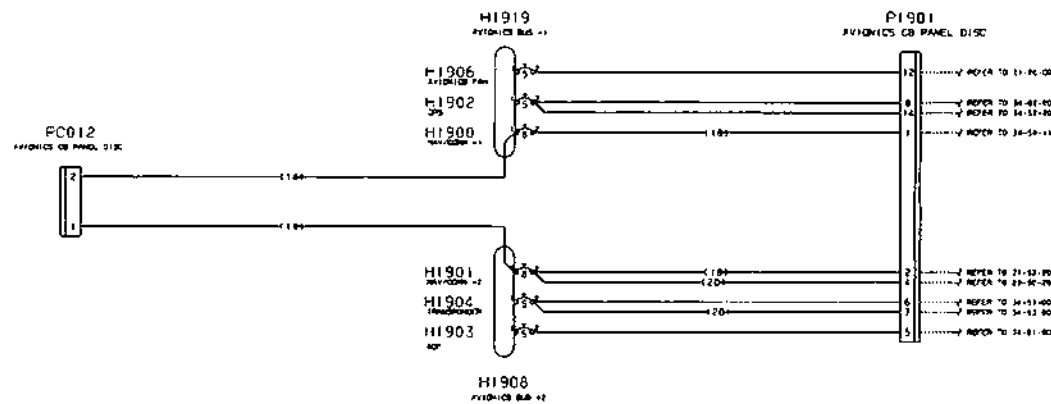
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
			1 2 3 4 5 6 7		
01			AVIONICS CIRCUIT BREAKER PANEL-NAV I		
			17280984 & ON		
			172S8704 & ON		
	H1900	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
	H1901	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
	H1902	1610-128-050A7	. CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
	H1904	1610-128-050A7	. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
	H1906	1610-128-050A7	. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	H1918	6238373-2	. BUS BAR AVIONICS BUS #2 (ZONE 224)		01 R
	H1919	6238373-3	. BUS BAR AVIONICS BUS #1 (ZONE 224)		01 R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL		01 R
			DISCONNECT (ZONE 224)		
-		S1635-2	. . PIN		AR R
	PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-		S2099-3	. . CONTACT		AR R
-		S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



AVIONICS CIRCUIT BREAKER PANEL - NAV 1
 WITH AUTOMATIC DIRECTION FINDER
 FIGURE C1 (SHEET 1)

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24-62-24

Figure C1
 Page 0
 May 5/2003

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FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			AVIONICS CIRCUIT BREAKER PANEL-NAV I W/ADF 17280984 & ON 172S8704 & ON		
	HI900	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
	HI901	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
	HI902	1610-128-050A7	. CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
	HI903	1610-128-050A7	. CIRCUIT BREAKER ADF #1 (ZONE 224)	V76374	01 R
	HI904	1610-128-050A7	. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
	HI906	1610-128-050A7	. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	HI908	6238373-3	. BUS BAR (ZONE 224)		01 R
	HI919	6238373-3	. BUS BAR AVIONICS BUS #1 (ZONE 224)		01 R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
	-	S1635-2	. . PIN		AR R
	PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
	-	S2099-3	. . CONTACT		AR R
	-	S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

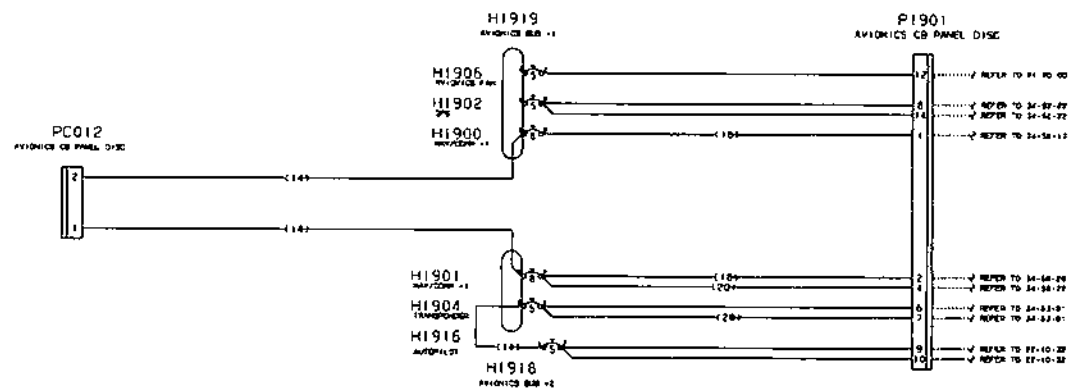
Figure 01

Page 1

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MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



AVIONICS CIRCUIT BREAKER PANEL - NAV II
FIGURE 01 (SHEET 1)

3929127A1

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MODEL 172
WIRING DIAGRAM MANUAL

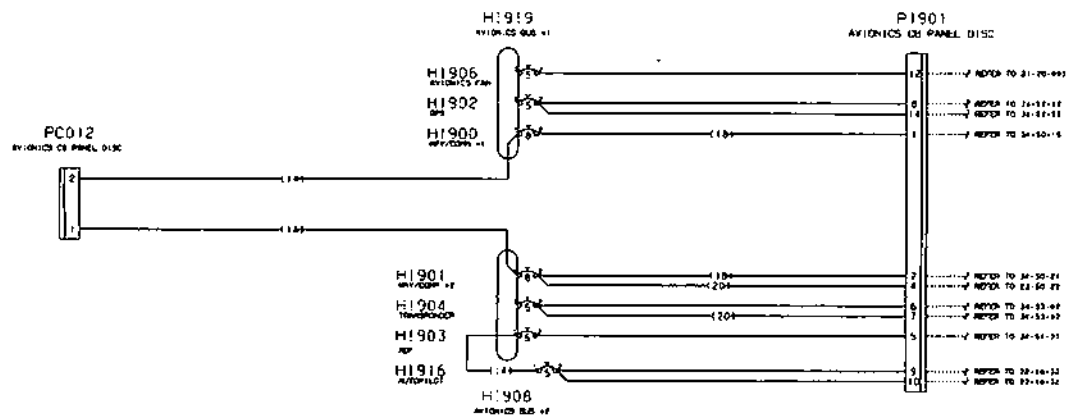
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			AVIONICS CIRCUIT BREAKER PANEL-NAV II		
			172B0984 & ON		
			172S8704 & ON		
	HI900	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
	HI901	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
	HI902	1610-128-050A7	. CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
	HI904	1610-128-050A7	. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
	HI906	1610-128-050A7	. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	HI916	MS26574-5	. CIRCUIT BREAKER AUTOPILOT (ZONE 224)		01 R
	HI918	6238373-2	. BUS BAR AVIONICS BUS #2 (ZONE 224)		01 R
	HI919	6238373-3	. BUS BAR AVIONICS BUS #1 (ZONE 224)		01 R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S1635-2	. . PIN		AR R
-	PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-		S2099-3	. . CONTACT		AR R
-		S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



AVIONICS CIRCUIT BREAKER PANEL - NAV II
WITH AUTOMATIC DIRECTION FINDER
FIGURE 01 (SHEET 1)

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MODEL 172
WIRING DIAGRAM MANUAL

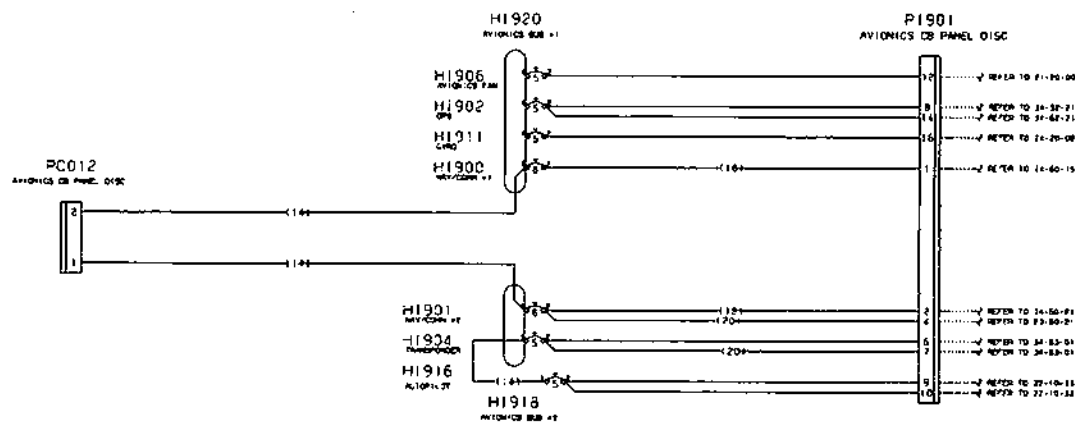
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			AVIONICS CIRCUIT BREAKER PANEL-NAV I W/ADF 17280984 & ON 172S8704 & ON		
	HI900	1610-128-080A7	CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
	HI901	1610-128-080A7	CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
	HI902	1610-128-050A7	CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
	HI903	1610-128-050A7	CIRCUIT BREAKER ADF #1 (ZONE 224)	V76374	01 R
	HI904	1610-128-050A7	CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
	HI906	1610-128-050A7	CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	HI908	6238373-3	BUS BAR (ZONE 224)		01 R
	HI916	MS26574-5	CIRCUIT BREAKER AUTOPILOT (ZONE 224)		01 R
	HI919	6238373-3	BUS BAR AVIONICS BUS #1 (ZONE 224)		01 R
	PC012	S2035-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S1635-2	. . PIN		AR R
-	PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-		S2099-3	. . CONTACT		AR R
-		S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



AVIONICS CIRCUIT BREAKER PANEL - NAV II
 WITH HORIZONTAL SITUATION INDICATOR
 FIGURE 01 (SHEET 1)

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MODEL 172

WIRING DIAGRAM MANUAL

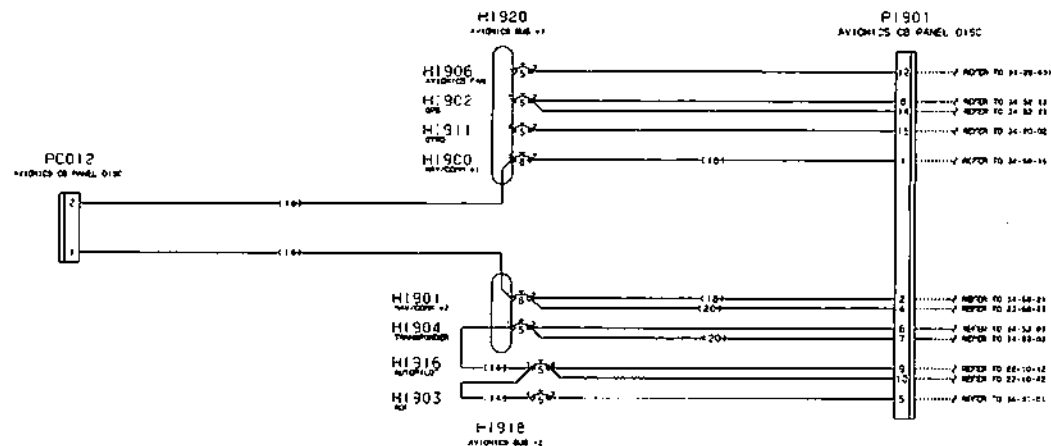
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			AVIONICS CIRCUIT BREAKER PANEL-NAV II W/HSI		
			17280984 & ON		
			172S8704 & ON		
HI900	1610-128-080A7		. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
HI901	1610-128-080A7		. CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
HI902	1610-128-050A7		. CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
HI904	1610-128-050A7		. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
HI906	1610-128-050A7		. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
HI911	1610-128-050A7		. CIRCUIT BREAKER GYRO (ZONE 224)	V76374	01 R
HI916	MS26574-5		. CIRCUIT BREAKER AUTOPILOT (ZONE 224)		01 R
HI918	6238373-2		. BUS BAR AVIONICS BUS #2 (ZONE 224)		01 R
HI920	6238373-4		. BUS BAR AVIONICS BUS #1 (ZONE 224)		01 R
PC012	S2035-1		. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL		01 R
			DISCONNECT (ZONE 224)		
-	S1635-2		. . PIN		AR R
PI901	S2349-1		. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-	S2099-3		. . CONTACT		AR R
-	S2099-4		. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

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MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE NOTED



AVIONICS CIRCUIT BREAKER PANEL - NAV II
 WITH ADF AND HORIZONTAL SITUATION INDICATOR
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

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FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES		1 2 3 4 5 6 7		FROM TO	PER ASSY
01			AVIONICS CIRCUIT BREAKER PANEL-NAV II W/HSI, ADF 17280984 & ON 172S8704 & ON		
	HI900	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)	V76374	01 R
	HI901	1610-128-080A7	. CIRCUIT BREAKER NAV/COMM #2 (ZONE 224)	V76374	01 R
	HI902	1610-128-050A7	. CIRCUIT BREAKER GPS (ZONE 224)	V76374	01 R
	HI903	1610-128-050A7	. CIRCUIT BREAKER ADF #1 (ZONE 224)	V76374	01 R
	HI904	1610-128-050A7	. CIRCUIT BREAKER TRANSPONDER (ZONE 224)	V76374	01 R
	HI906	1610-128-050A7	. CIRCUIT BREAKER AVIONICS FAN (ZONE 224)	V76374	01 R
	HI911	1610-128-050A7	. CIRCUIT BREAKER GYRO (ZONE 224)	V76374	01 R
	HI916	MS26574-5	. CIRCUIT BREAKER AUTOPILOT (ZONE 224)		01 R
	HI918	6238373-2	. BUS BAR AVIONICS BUS #2 (ZONE 224)		01 R
	HI920	6238373-4	. BUS BAR AVIONICS BUS #1 (ZONE 224)		01 R
	PC012	S2035-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S1635-2	. . PIN		AR R
	PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
		S2099-3	. . CONTACT		AR R
		S2099-4	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CHAPTER

25

**EQUIPMENT/
FURNISHINGS**

CESSNA AIRCRAFT COMPANY
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WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>	<u>NUMBER OF PAGES</u>	<u>DATE</u>
25-Title	1	
25-List of Effective Pages	1	Jan 20/2006
25-Record of Revisions	1	
25-Contents	1	Jan 20/2006
25-60-00	Figure 01	2 Jan 20/2006 Deleted
	Figure 02	2 Jan 20/2006 Deleted
	Figure 03	2 Jan 20/2006 Deleted
25-60-01	Figure 01	2 Jan 20/2006 Added
	Figure 02	2 Jan 20/2006 Added
	Figure 03	2 Jan 20/2006 Added
	Figure 04	2 Jan 20/2006 Added
	Figure 05	2 Jan 20/2006 Added
25-60-02	Figure 01	2 Jan 20/2006 Deleted

WIRING DIAGRAM MANUAL

RECORD OF REVISIONS

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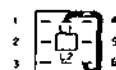
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WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
EMERGENCY LOCATOR TRANSMITTER-STANDARD, NAV I, NAV II	25-60-00	01	
EMERGENCY LOCATOR TRANSMITTER-STANDARD, NAV I, NAV I W/ADF	25-60-00	02	
EMERGENCY LOCATOR TRANSMITTER-	25-60-00	03	

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MODEL 172
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NOTES:

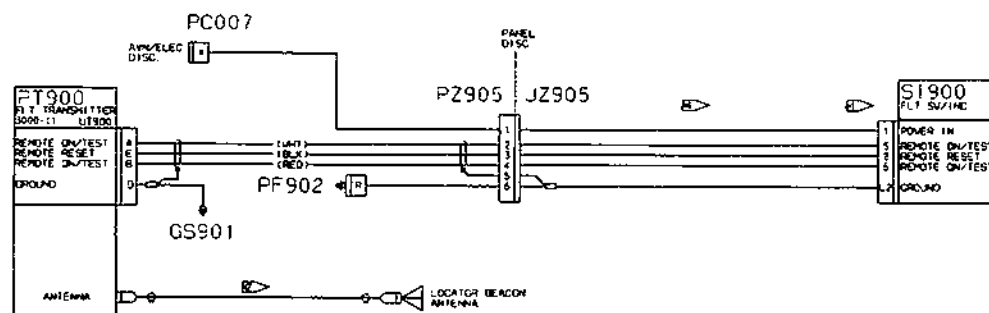
1. THE SWITCH/INDICATOR IS SUPPLIED WITH THE ELT SYSTEM.
 IT COMES WITH A 1/4 WATT RESISTOR ADJACENT ON IT.
 REFER TO THE SKETCH BELOW FOR PIN NUMBERS.



2. THE ANTENNA AND CABLE ARE SUPPLIED WITH THE ELT TRANSMITTER.

3. ALL WIRE 22AWG UNLESS OTHERWISE NOTED.

4. THE WIRE LENGTH FROM THE BACK OF J2905 & S1900 TO BE 2.5' +/- 0.5'.



EMERGENCY LOCATOR TRANSMITTER
 FIGURE 01 (SHEET 1)

392911001

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MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
		1234567			ASSY
01			EMERGENCY LOCATOR TRANSMITTER-STANDARD, NAV I, NAV II 17280001 THRU 17280983 172S8001 THRU 172S8703		
	GS901	3910276-2	. GROUND STUD (ZONE 310)		01 R
	JZ905	LMD-4001-P	. CONNECTOR INSTRUMENT PANEL DISCONNECT (ZONE 221)	V49367 80001 81097 S8001 S9062	01 R
-		LMD-4020-96LD	. . . PIN	V49367	AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-		S1635-1	. . . PIN		AR R
	PF902	SK2701	. CONNECTOR GROUND (ZONE 221)	V28198	01 R
-		FC116N2	. . . CONTACT		AR R
-		FC120N2	. . . CONTACT		AR R
	PT900		. CONNECTOR ELT TRANSMITTER DISCONNECT (ZONE 310).		RF R
	PZ905	LMD-4001-S	. CONNECTOR SWITCH/INDICATOR PANEL DISCONNECT (ZONE 221)	V49367 80001 81097 S8001 S9062	01 R
-		LMD-4120-96LD	. . . SOCKET	V49367	AR R
-		LMS01T-TL	. . . SPLICE CONNECTOR	V49367	01 R
	SI900	3929110-2	. INDICATOR ELT SWITCH (ZONE 221).	80001 80983 S8001 S8703	01 R
	UT900	3000-11	. TRANSMITTER ELT (ZONE 310)		01 R

- ITEM NOT ILLUSTRATED

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MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

➤ THE SWITCH INDICATOR IS SUPPLIED WITH THE ELT SYSTEM. IT COMES WITH A 1/4 WATT RESISTOR POUNDED ON IT. REFER TO THE SKETCH BELOW FOR PIN NUMBERS.

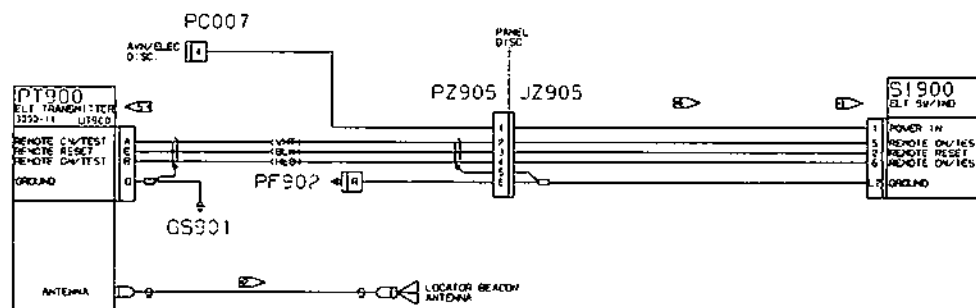


➤ THE ANTENNA AND CABLE ARE SUPPLIED WITH THE ELT TRANSMITTER.

3. ALL WIRE ZANG UNLESS OTHERWISE NOTED.

➤ THE WIRE LENGTH FROM THE BACK OF JZ905 & S1900 TO BE 2.5' +/- 0.5'

➤ CONNECTOR SUPPLIED WITH ELT KIT



EMERGENCY LOCATOR TRANSMITTER
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
02			EMERGENCY LOCATOR TRANSMITTER-STANDARD, NAV I, NAV I W/ADF 17280984 THRU 17281097 17286704 THRU 172SS9062		
	GS901	3910276-2	. GROUND STUD (ZONE 310)		01 R
	JZ905	LMD-4001-P	. CONNECTOR INSTRUMENT PANEL DISCONNECT (ZONE 221) . . V49367	80001 81097	01 R
				S8001 S9062	
-		LMD-4020-96LD	. . PIN	V49367	AR R
-	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-		S1635-1	. . PIN		AR R
-	PF902	SK2701	. CONNECTOR GROUND (ZONE 221)	V28198	01 R
-		FC116N2	. . CONTACT		AR R
-		FC120N2	. . CONTACT		AR R
	PT900		. CONNECTOR ELT TRANSMITTER DISCONNECT (ZONE 310)		RF R
	PZ905	LMD-4001-S	. CONNECTOR SWITCH/INDICATOR PANEL DISCONNECT (ZONE V49367	80001 81097	01 R
			221)	S8001 S9062	
-		LMD-4120-96LD	. . SOCKET	V49367	AR R
-		LMS01T-TL	. . SPLICE CONNECTOR	V49367	01 R
	SI900	3929123-2	. SWITCH ELT (ZONE 221)	80984 81097	01 R
				S8704 S9062	
	UT900	3000-11	. TRANSMITTER ELT (ZONE 310)		01 R

- ITEM NOT ILLUSTRATED

Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

➤ THE SWITCH/INDICATOR IS SUPPLIED WITH THE FLT. SYSTEM. IT COMES WITH A 1/4 WATT RESISTOR MOUNTED ON IT. REFER TO THE SKETCH BELOW FOR PIN NUMBERS.

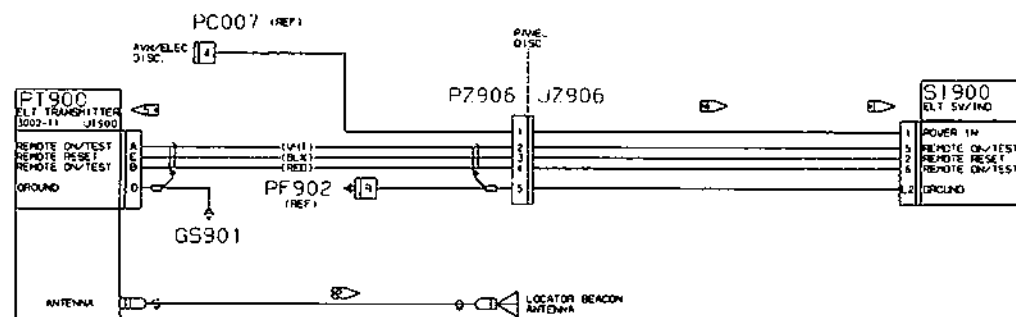


➤ THE ANTENNA AND CABLE ARE SUPPLIED WITH THE E.L.T. ANTENNA KIT

3 ALL WIRE 22AWG UNLESS OTHERWISE NOTED.

➤ THE WIRE LENGTH FROM THE BACK OF J2906 & S1900 TO BE 2.5' +/- 0.5'.

➤ CONNECTOR SUPPLIED WITH E.L.T. KIT.



EMERGENCY LOCATOR TRANSMITTER
 FIGURE 03 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
03			EMERGENCY LOCATOR TRANSMITTER-		
			172B1098 & ON		
			172S9063 & ON		
GS901	3910276-2		GROUND STUD (ZONE 310)		01 R
JZ906	S3556-12		CONNECTOR ELT PANEL DISCONNECT (ZONE 220)	81098 & ON S9063 & ON	01 R
-	S3556-21		.. PIN		AR R
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220) .		01 R
-	S1635-1		.. PIN		AR R
PF902	SK2701		CONNECTOR GROUND (ZONE 221)	V28198	01 R
-	FC116N2		.. CONTACT		AR R
-	FC120N2		.. CONTACT		AR R
PT900			CONNECTOR ELT TRANSMITTER DISCONNECT (ZONE 310) . . .		RF R
PZ906	S3556-5		CONNECTOR SWITCH/INDICATOR PANEL DISCONNECT (ZONE 221)		01 R
-	S3556-25		.. SOCKET		AR R
SI900	3929138-2		INDICATOR ELT SWITCH (ZONE 221)	81098 & ON S9063 & ON	01 R
UT900	3000-11		TRANSMITTER ELT (ZONE 310)		01 R

- ITEM NOT ILLUSTRATED

Figure 03

Page 1

CHAPTER

27

**FLIGHT
CONTROLS**

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

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	Figure 02	2	Jan 20/2006 Deleted
27-50-01	Figure 01	2	Jan 20/2006 Added
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added

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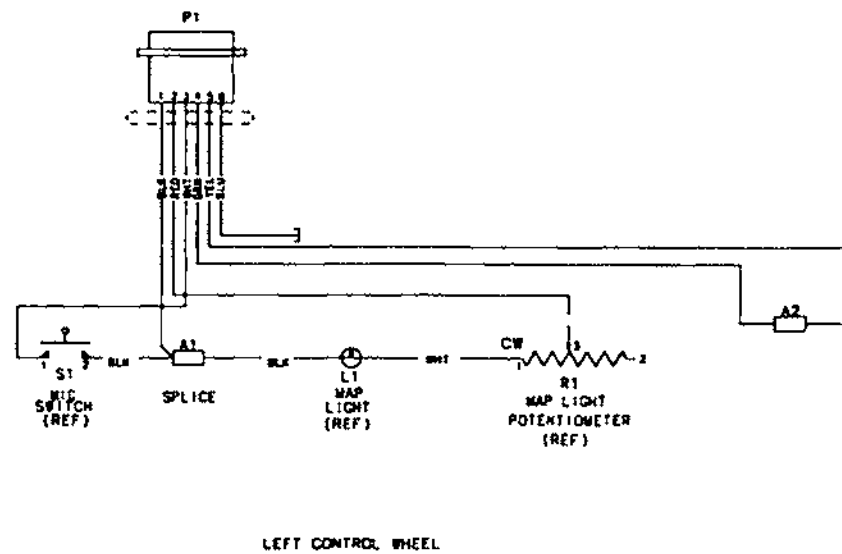
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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u>
			<u>START</u> <u>END</u>
CONTROL WHEELS	27-10-01	01	
CONTROL WHEELS	27-10-01	02	
FLAP CONTROL	27-50-00	01	
FLAP CONTROL	27-50-00	02	

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



CONTROL WHEELS
 Figure 01 (Sheet 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

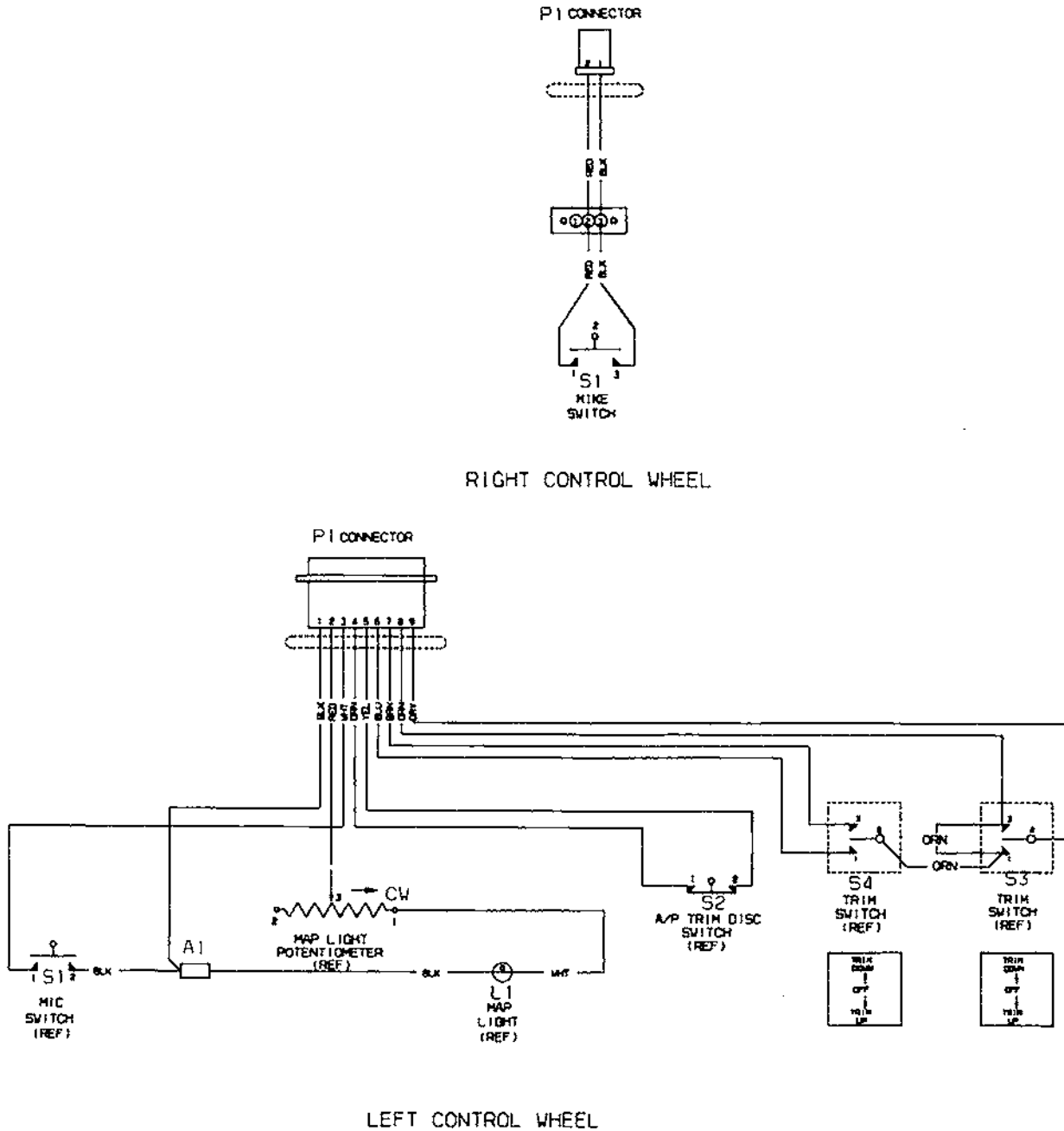
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
			1 2 3 4 5 6 7		
01			CONTROL WHEELS		
			17280001 THRU 17280830		
			172S8001 THRU 172S8347		
A1	S1370-1		SPLICE (ZONE 211)		01 R
A2	S1370-0		SPLICE (ZONE 211)		01 R
P1	S1640-6		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222/223)		01 R
-	S1635-1		PIN		06 R
P1	S1640-9		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222/223)		01 R
-	S1635-1		PIN		09 R
P1	S2035-2		CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 222/223)		01 R
R1	S2619-1		POTENTIOMETER RIGHT CONTROL WHEEL (ZONE 222)		01 R
S1	S2870-1		SWITCH CONTROL WHEEL MIC (ZONE 222/223)	80004 & ON	01 R
				S8001 & ON	
S1	S1985-1		SWITCH CONTROL WHEEL MIC (ZONE 222/223)	80001 80003	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL



0560059G2
0560059G3

CONTROL WHEEL
FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

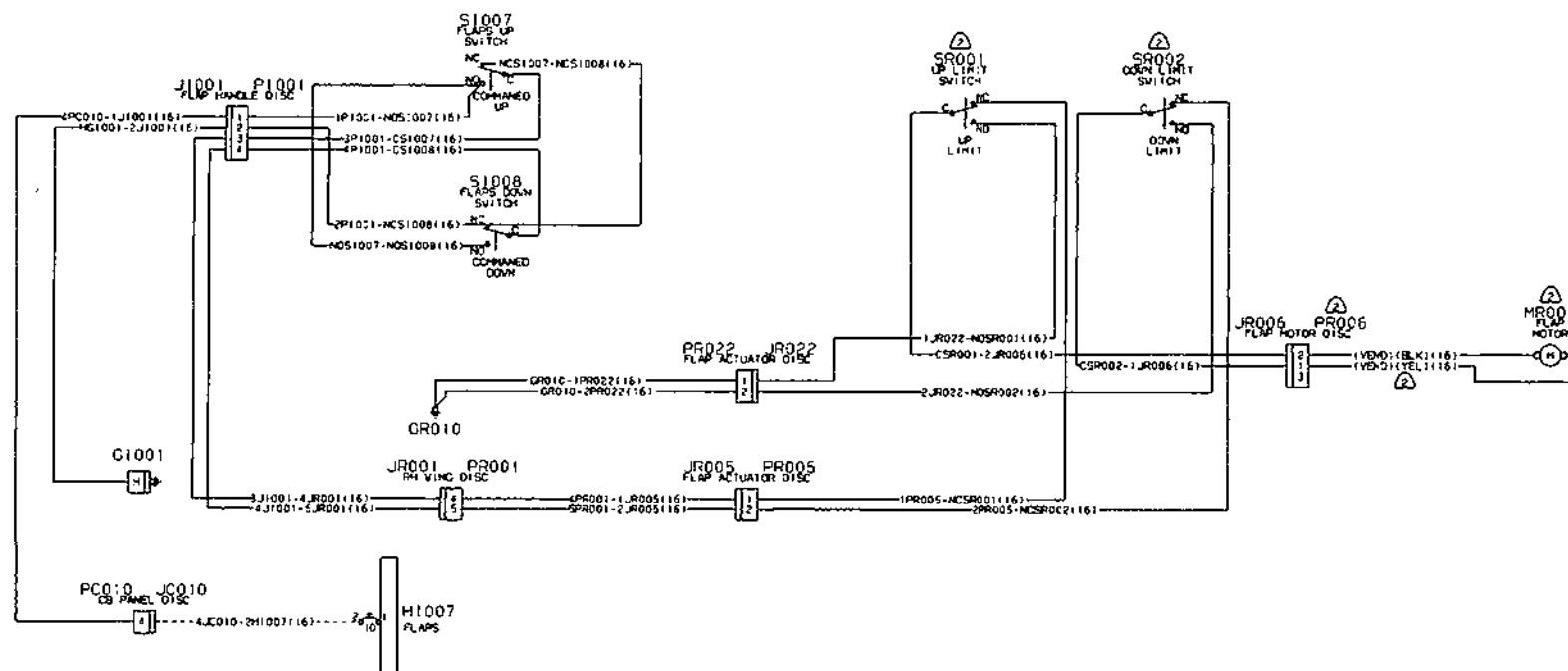
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES		1 2 3 4 5 6 7		FROM TO	PER ASSY
02			CONTROL WHEELS		
			17280831 & ON		
			172S8348 & ON		
A1	S1370-1		SPLICE (ZONE 211)		01 R
L1	S2521-1		MAP LIGHT CONTROL WHEEL (ZONE 222)		01 R
	24RB		LIGHT BULB		AR R
P1	S1640-6		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222/223)		01 R
	S1635-1		PIN		06 R
P1	S1640-9		CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222/223)		01 R
	S1635-1		PIN		09 R
P1	S2035-2		CONNECTOR COPILOT'S CONTROL WHEEL DISCONNECT (ZONE 222/223)		01 R
S1	S2870-1		SWITCH CONTROL WHEEL MIC (ZONE 222/223)	80004 & ON S8001 & ON	01 R
S2	S2870-4		SWITCH AUTOPILOT TRIM DISCONNECT (ZONE 222)		01 R
S3	7105P4YZQE		SWITCH CONTROL WHEEL TRIM (ZONE 222)	V09353 80831 & ON S8348 & ON	01 R
S4	7105P4YZQE		SWITCH CONTROL WHEEL TRIM (ZONE 222)	V09353 80831 & ON S8348 & ON	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, EXCEPT AS NOTED
- Ⓐ PART OF VENDOR ACTUATOR ASSY



FLAP CONTROL
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

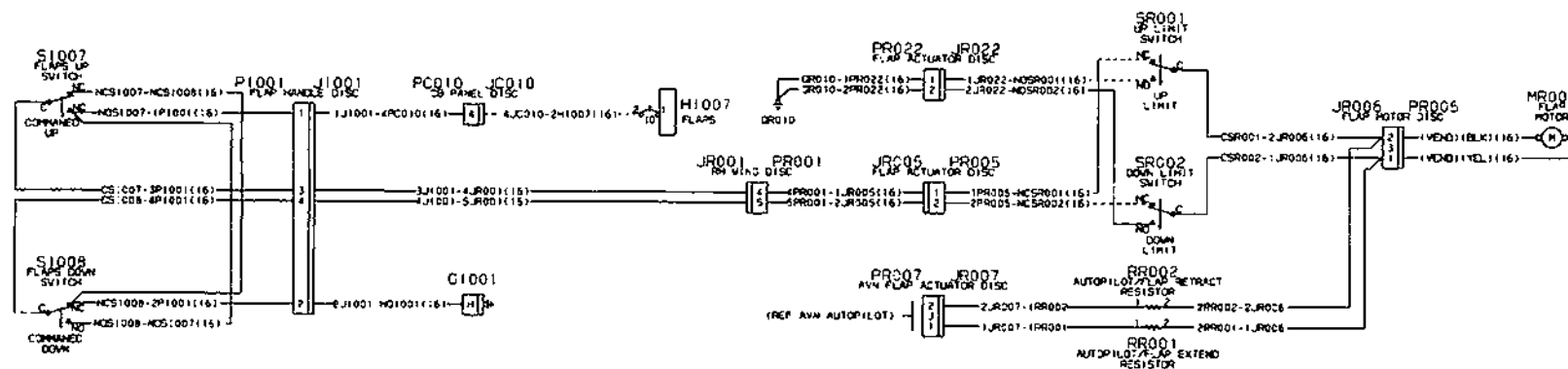
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
01		FLAP CONTROL		
		17280001 THRU 17280830		
		172S8001 THRU 172S8347		
GI001	S2527-1	CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
-	203618-1	JACK SCREW		AR R
-	AN340-3	NUT		AR R
-	S2527-3	CLAMP		01 R
-	S2099-4	SOCKET	80001 81142	AR R
GI001	200838-2	CONNECTOR GROUND (ZONE 211)V00779	80884 & ON S8403 & ON	01 R
-	201846-1	CLAMP KIT		01 R
-	203618-1	JACK SCREW		AR R
-	AN340-3	NUT		AR R
-	S2099-4	SOCKET	80001 81142	AR R
-	S2099-3	CONTACT	81143 & ON	AR R
GR010	0508001-2	GROUND STUD (ZONE 610)		01 R
HI007	S1360-10L	CIRCUIT BREAKER FLAPS (ZONE 224)		01 R
JC010	S1641-6	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1636-2	SOCKETS		AR R
JI001	S1638-5	CONNECTOR FLAP INDICATOR ASSEMBLY (ZONE 224)		01 R
-	S1636-2	SOCKETS		AR R
JR001	S1641-9	CONNECTOR (ZONE 610)		01 R
-	S1636-1	SOCKET		AR R
-	S1636-2	SOCKET		AR R
JR005	S2035-2	CONNECTOR FLAP ACTUATOR DISCONNECT (ZONE 610)		01 R
-	S1636-2	SOCKET		AR R
JR006	S1638-1	CONNECTOR FLAP MOTOR ASSY (ZONE 610)		01 R
-	S1636-2	SOCKET		AR R
JR022	S2035-2	CONNECTOR FLAP ACTUATOR ASSEMBLY (ZONE 610)		01 R
-	S1636-2	SOCKET		AR R
MR001	C301002-0110	FLAP MOTOR ASSEMBLY (ZONE 610)		01 R
PC010	S1640-6	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S1635-1	PIN		AR R
-	S1635-2	PIN		AR R
PI001	S1638-4	CONNECTOR FLAP INDICATOR ASSEMBLY (ZONE 224)		01 R
-	S1635-2	PIN		AR R
PR001	S1640-9	CONNECTOR RIGHT WING DISCONNECT (ZONE 610)		01 R
-	S1635-1	CONTACT		AR R
-	S1635-2	CONTACT		AR R
PR005	S2035-1	CONNECTOR FLAP ACTUATOR ASSEMBLY (ZONE 610)		01 R
-	S1635-2	CONTACT		AR R
PR006	S1638-2	CONNECTOR FLAP MOTOR DISCONNECT (ZONE 610)		01 R
PR022	S2035-1	CONNECTOR FLAP ACTUATOR GROUND DISCONNECT (ZONE 610)		01 R
-	S1635-2	CONTACT		AR R
SI007	S1906-1	SWITCH FLAPS UP (ZONE 224)		01 R
SI008	S1906-1	SWITCH FLAPS DOWN		01 R
SR001	S1493-2	SWITCH FLAP ACTUATOR UP LIMIT (ZONE 610)		03 R
SR002	S1493-2	SWITCH FLAP ACTUATOR DOWN LIMIT (ZONE 610)		03 R

- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



FLAP CONTROL
 FIGURE 02 (SHEET 2)

05705700Z
 07705700Z

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
02			FLAP CONTROL		
			17280831 & ON		
			172S8348 & ON		
	GI001	S2527-1	CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
		203618-1	JACK SCREW		AR R
		AN340-3	NUT		AR R
		S2527-3	CLAMP		01 R
		S2099-4	SOCKET	80001 81142	AR R
	GI001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 S8403 & ON	01 R
		201846-1	CLAMP KIT		01 R
		203618-1	JACK SCREW		AR R
		AN340-3	NUT		AR R
		S2099-4	SOCKET	80001 81142	AR R
		S2099-3	CONTACT	81143 & ON	AR R
	GR010	0508001-2	GROUND STUD (ZONE 610)		01 R
	HI007	S1360-10L	CIRCUIT BREAKER FLAPS (ZONE 224)		01 R
	JI001	S1638-5	CONNECTOR FLAP INDICATOR ASSEMBLY (ZONE 224)		01 R
		S1636-2	SOCKETS		AR R
	JR001	S1641-9	CONNECTOR (ZONE 610)		01 R
		S1636-1	SOCKET		AR R
		S1636-2	SOCKET		AR R
	JR005	S2035-2	CONNECTOR FLAP ACTUATOR DISCONNECT (ZONE 610)		01 R
		S1636-2	SOCKET		AR R
	JR006	S1638-1	CONNECTOR FLAP MOTOR ASSY (ZONE 610)		01 R
		S1636-2	SOCKET		AR R
	JR007	S1638-2	CONNECTOR AVIONICS FLAP ACTUATOR DISCONNECT (ZONE 610)	80831 & ON S8348 & ON	01 R
		S1635-1	PIN		AR R
	JR022	S2035-2	CONNECTOR FLAP ACTUATOR ASSEMBLY (ZONE 610)		01 R
		S1636-2	SOCKET		AR R
	MR001	C301002-0110	FLAP MOTOR ASSEMBLY (ZONE 610)		01 R
	PC010	S1640-6	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S1635-1	PIN		AR R
		S1635-2	PIN		AR R
	PI001	S1638-4	CONNECTOR FLAP INDICATOR ASSEMBLY (ZONE 224)		01 R
		S1635-2	PIN		AR R
	PR001	S1640-9	CONNECTOR RIGHT WING DISCONNECT (ZONE 610)		01 R
		S1635-1	CONTACT		AR R
		S1635-2	CONTACT		AR R
	PR005	S2035-1	CONNECTOR FLAP ACTUATOR ASSEMBLY (ZONE 610)		01 R
		S1635-2	CONTACT		AR R
	PR006	S1638-2	CONNECTOR FLAP MOTOR DISCONNECT (ZONE 610)		01 R
	PR007	S1638-1	CONNECTOR AVIONICS FLAP ACTUATOR DISCONNECT (ZONE 610)		01 R
		S1636-1	CONTACT		AR R
	PR022	S2035-1	CONNECTOR FLAP ACTUATOR GROUND DISCONNECT (ZONE 610)		01 R
		S1635-2	CONTACT		AR R
	RR001	CCF-551002F	RESISTOR AUTOPILOT/FLAP EXTEND	V91637	01 R
	RR002	CCF-551002F	RESISTOR AUTOPILOT/FLAP RETRACT	V91637	01 R
	SI007	S1906-1	SWITCH FLAPS UP (ZONE 224)		01 R
	SI008	S1906-1	SWITCH FLAPS DOWN		01 R
	SR001	S1493-2	SWITCH FLAP ACTUATOR UP LIMIT (ZONE 610)		03 R
	SR002	S1493-2	SWITCH FLAP ACTUATOR DOWN LIMIT (ZONE 610)		03 R

- ITEM NOT ILLUSTRATED

Figure 02
Page 1

CHAPTER

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FUEL

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

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	Figure 02	2 Jan 20/2006 Added

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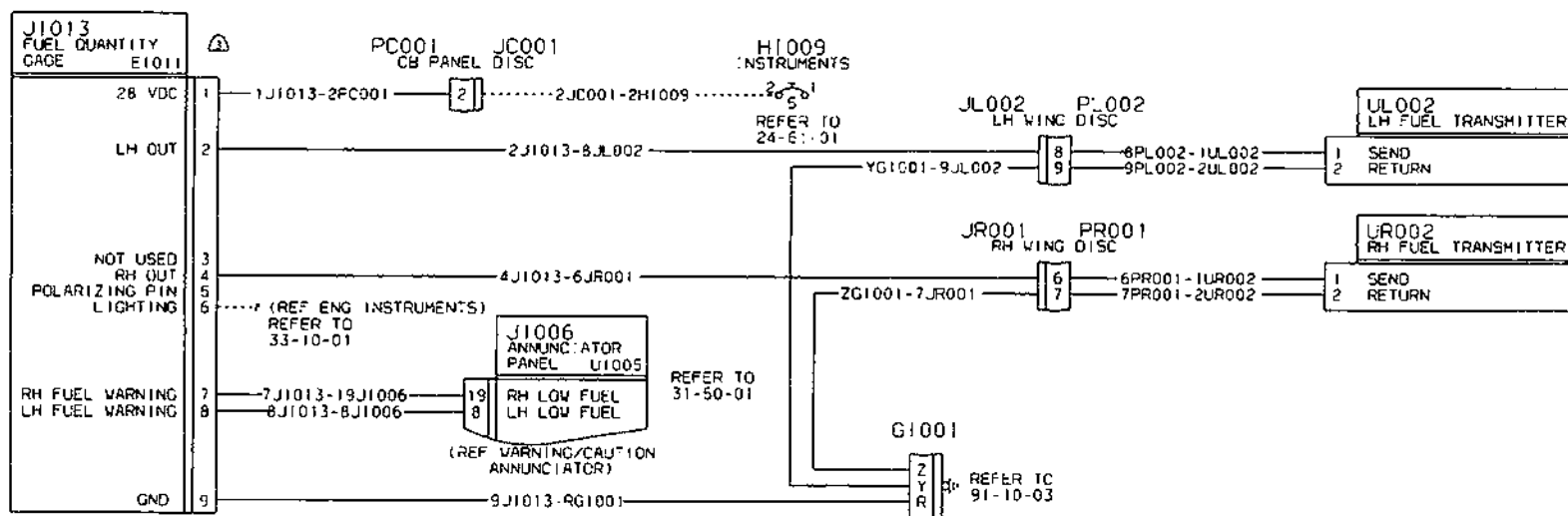
CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u>
FUEL QUANTITY	28-40-00	01	<u>START</u> <u>END</u>

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED
- ⚠ INSTALL POLARIZING PIN INTO PIN 5 OF J1013.



FUEL QUANTITY
 FIGURE 01 (SHEET 1)

0570543B1

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
01			FUEL QUANTITY		
			17280001 & ON		
			172S8001 & ON		
	EI011	S3281-2	INDICATOR FUEL QUANTITY (ZONE 220)		01 R
	GI001	S2527-1	CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
-		203618-1	JACK SCREW		AR R
-		AN340-3	NUT		AR R
-		S2527-3	CLAMP		01 R
-		S2099-4	SOCKET	80001 81142	AR R
	GI001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
-		201846-1	CLAMP KIT		01 R
-		203618-1	JACK SCREW		AR R
-		AN340-3	NUT		AR R
-		S2099-4	SOCKET	80001 81142	AR R
-		S2099-3	CONTACT	81143 & ON	AR R
	HI009	S1360-5L	CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
	JC001	S2349-5	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S2099-4	SOCKET		AR R
	JI006	770585-1	CONNECTOR (ZONE 225)	V00779	01 R
-		170365-3	PINS AND SOCKETS		AR R
	JID13	S2349-3	CONNECTOR FUEL QUANTITY INDICATOR (ZONE 220)		01 R
-		S2099-3	CONTACT		AR R
-		S2099-4	SOCKET		AR R
-		S2414-1	KEYING PLUG		AR R
	JL002	S1641-9	CONNECTOR (ZONE 510)		01 R
-		S1636-1	SOCKET		AR R
-		S1636-2	SOCKET		AR R
	JR001	S1641-9	CONNECTOR (ZONE 610)		01 R
-		S1636-1	SOCKET		AR R
-		S1636-2	SOCKET		AR R
	PC001	S2350-10	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-		S2353-4	PIN		AR R
-		S2353-5	PIN		AR R
	PL002	S1640-9	CONNECTOR LEFT FUEL TRANSMITTER (ZONE 510)		01 R
-		S1635-1	CONTACT		AR R
-		S1635-2	CONTACT		AR R
	PR001	S1640-9	CONNECTOR RIGHT WING DISCONNECT (ZONE 610)		01 R
-		S1635-1	CONTACT		AR R
-		S1635-2	CONTACT		AR R
	UI005		PANEL ANNUNCIATOR (ZONE 225)		RFR
	UL002	S3331-2	TRANSMITTER FUEL QUANTITY (ZONE 510)		01 R
	UR002	S3331-2	TRANSMITTER FUEL QUANTITY (ZONE 610)	80001 80958 S8001 S8615	01 R
	UR002	S3594-1	TRANSMITTER FUEL QUANTITY (ZONE 610)	80959 & ON S8616 & ON	01 R

- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CHAPTER

30

**ICE AND RAIN
PROTECTION**

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

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	Figure 02	2 Jan 20/2006 Added

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MODEL 172
WIRING DIAGRAM MANUAL**

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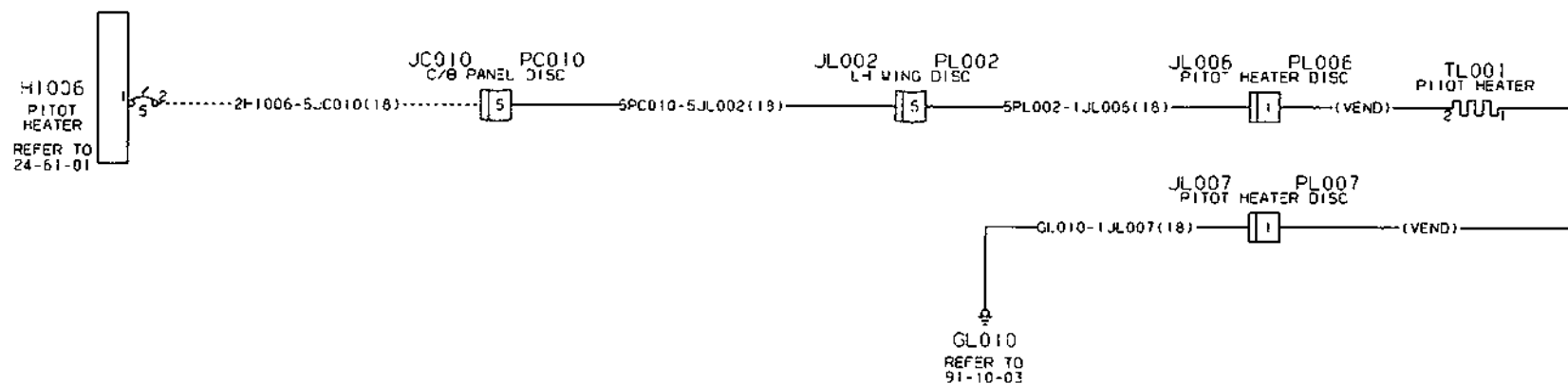
CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
PITOT HEATER	30-30-00	01	

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, EXCEPT AS NOTED
- ⚠ VENDOR SUPPLIED ASSY
 POLARITY OF WIRES CAN BE REVERSED.



PITOT HEATER
 FIGURE 01 (SHEET 1)

05705608

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1234567		
01		PITOT HEATER		
		17280001 & ON		
		172S8001 & ON		
GL010	0508001-2	GROUND STUD (ZONE 510)		01 R
HI006	CM3589-5	CIRCUIT BREAKER PITOT HEAT (ZONE 224)		01 R
JC010	S1641-6	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1636-2	SOCKETS		AR R
JL002	S1641-9	CONNECTOR (ZONE 510).		01 R
-	S1636-1	SOCKET		AR R
-	S1636-2	SOCKET		AR R
JL006	S1637-2	CONNECTOR PITOT HEATER (ZONE 510)		01 R
-	S1636-1	SOCKET		AR R
JL007	S1637-2	CONNECTOR PITOT HEATER GROUND DISCONNECT (ZONE 510)		01 R
-	S1636-1	SOCKET		AR R
PC010	S1640-6	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S1635-1	PIN		AR R
-	S1635-2	PIN		AR R
PL002	S1640-9	CONNECTOR LEFT FUEL TRANSMITTER (ZONE 510)		01 R
-	S1635-1	CONTACT		AR R
-	S1635-2	CONTACT		AR R
PL006	S1637-1	CONNECTOR PITOT HEATER DISCONNECT		01 R
PL007	S1637-1	CONNECTOR PITOT HEATER DISCONNECT (ZONE 510)		01 R
TL001	0721105-12	HEATER PITOT (ZONE 510).		01 R

- ITEM NOT ILLUSTRATED

CHAPTER

31

**INDICATING/
RECORDING
SYSTEMS**

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

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	Figure 04	2	Jan 20/2006 Deleted
	Figure 05	2	Jan 20/2006 Deleted
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	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
	Figure 04	2	Jan 20/2006 Added
	Figure 05	2	Jan 20/2006 Added
31-50-01	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
	Figure 03	2	Jan 20/2006
	Figure 04	2	Jan 20/2006
31-50-02	Figure 01	2	Jan 20/2006 Added

CESSNA AIRCRAFT COMPANY MODEL 172 WIRING DIAGRAM MANUAL

RECORD OF REVISIONS

[illegible]

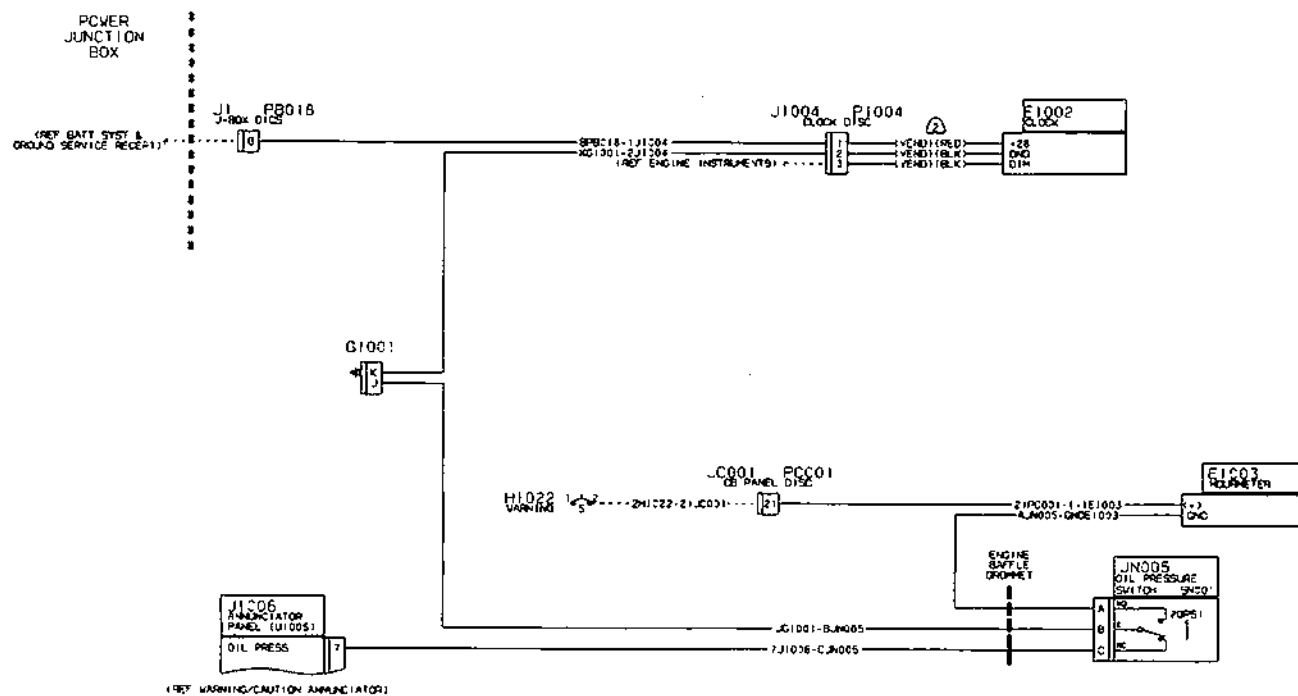
CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
CLOCK, OAT AND HOURMETER	31-20-00	01	
CLOCK, OAT AND HOURMETER	31-20-00	02	
CLOCK, OAT AND HOURMETER	31-20-00	03	
CLOCK, OAT AND HOURMETER	31-20-00	04	
CLOCK, OAT AND HOURMETER	31-20-00	05	
ANNUNCIATOR PANEL	31-50-01	01	
ANNUNCIATOR PANEL	31-50-01	02	
ANNUNCIATOR PANEL	31-50-01	03	
ANNUNCIATOR PANEL	31-50-01	04	

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

- 1. ALL WIRE 22AWG, EXCEPT AS NOTED.
- 2. WIRE & CONNECTOR SUPPLIED WITH CLOCK.
- 3. WIRES SUPPLIED WITH DAT PROBE ARE POLARITY SENSITIVE. DO NOT SWAP.



CLOCK, OAT AND HOUR METER
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

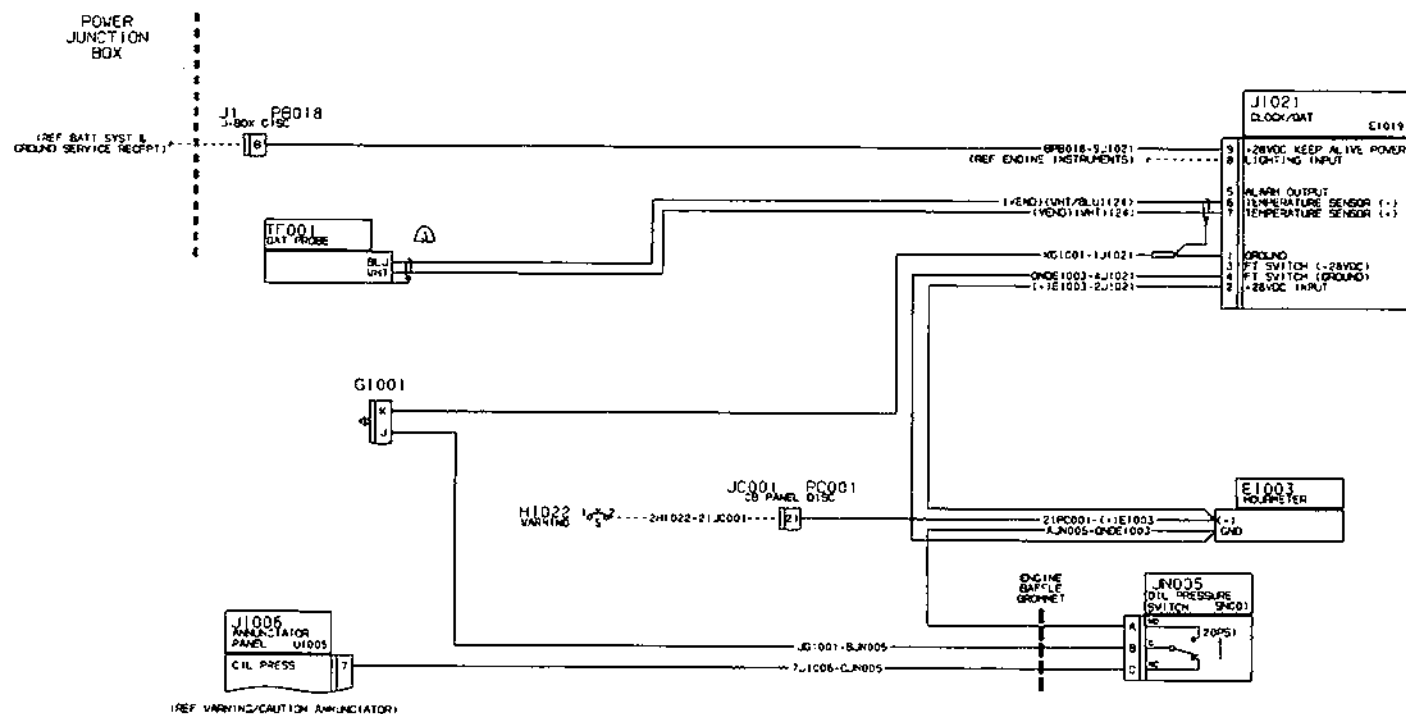
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		CLOCK, OAT AND HOURMETER 17280001 THRU 17280300		
EI002	AT432000	. INDICATOR CLOCK/OAT (ZONE 220)V65907		01 R
-	S3312-1	. . LIGHT ASSEMBLY		01 R
EI003	S1493-1	. HOURMETER (ZONE 221).		01 R
GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
-	203618-1	. . JACK SCREW		AR R
-	AN340-3	. . NUT		AR R
-	S2527-3	. . CLAMP		01 R
-	S2099-4	. . SOCKET	80001 81142	AR R
HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224).		01 R
J1		. CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)		RF R
JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	. . SOCKET		AR R
JI004	S1638-1	. CONNECTOR (ZONE 220).	80001 80300	01 R
-	S1636-1	. . PINS		AR R
-	S1636-2	. . SOCKETS		AR R
JI006	770585-1	. CONNECTOR (ZONE 225).V00779		01 R
-	170365-3	. . PINS AND SOCKETS		AR R
JN005	S2800-276	. CONNECTOR KIT OIL PRESSURE SWITCH (ZONE 120).		01 R
PB018	S2800-274	. CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121).		01 R
PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	. . PIN		AR R
-	S2353-5	. . PIN		AR R
PI004	S1638-2	. CONNECTOR CLOCK DISCONNECT	80001 80300	01 R
-	S1635-1	. . PIN		AR R
SN001	77041	. SWITCH OIL PRESSURE (ZONE 120).V74400	80001 80830 S8001 S8347	01 R
		AIRPLANES NOT INCORPORATING SB00-79-01		

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. EXCEPT AS NOTED.
2. WIRES SUPPLIED WITH OAT PROBE ARE POLARITY SENSITIVE. DO NOT SWAP.



CLOCK, OAT AND HOUR METER
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
02		CLOCK, OAT AND HOURMETER 17280301 THRU 17280983 172S8001 THRU 172S8703		
EI003	S1493-1	.. HOURMETER (ZONE 221)		01 R
EI019	M803B-2-0/28V-B	.. INDICATOR CLOCK/OAT (ZONE 220)	V63836 80001 81097	01 R
			81143 & ON	
			S8001 S9062	
			S9289 & ON	
GI001	S2527-1	.. CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
			S8001 S8402	
-	203618-1	.. JACK SCREW		AR R
-	AN340-3	.. NUT		AR R
-	S2527-3	.. CLAMP		01 R
-	S2099-4	.. SOCKET	80001 81142	AR R
GI001	200838-2	.. CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
			S8403 & ON	
-	201846-1	.. CLAMP KIT		01 R
-	203618-1	.. JACK SCREW		AR R
-	AN340-3	.. NUT		AR R
-	S2099-4	.. SOCKET	80001 81142	AR R
-	S2099-3	.. CONTACT	81143 & ON	AR R
HI022	S1360-5L	.. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
J1		.. CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)		RF R
JC001	S2349-5	.. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	.. SOCKET		AR R
JI006	770585-1	.. CONNECTOR (ZONE 225)	V00779	01 R
-	170365-3	.. PINS AND SOCKETS		AR R
JI021	RD9F00JVLO	.. CONNECTOR CLOCK (ZONE 220)	V28198	01 R
-	FC6020D	.. CONTACT		AR R
JN005	S2800-276	.. CONNECTOR KIT OIL PRESSURE SWITCH (ZONE 120)		01 R
PB018	S2800-274	.. CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
PC001	S2350-10	.. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	.. PIN		AR R
-	S2353-5	.. PIN		AR R
SN001	77041	.. SWITCH OIL PRESSURE (ZONE 120)	V74400 80001 80830	01 R
		AIRPLANES NOT INCORPORATING SB00-79-01	S8001 S8347	
SN001	83278	.. SWITCH OIL PRESSURE (ZONE 120)	V74400 80831 & ON	01 R
		ALSO INCLUDING AIRPLANES INCORPORATING SB00-79-01	S8348 & ON	
TF001	C307PRF-11	.. PROBE OUTSIDE AIR TEMPERATURE (ZONE 210)	V63131 80301 81097	01 R
			81143 & ON	
TF001	C307PS	.. PROBE OUTSIDE AIR TEMPERATURE (ZONE 210)	80001 80300	01 R
UI005		.. PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

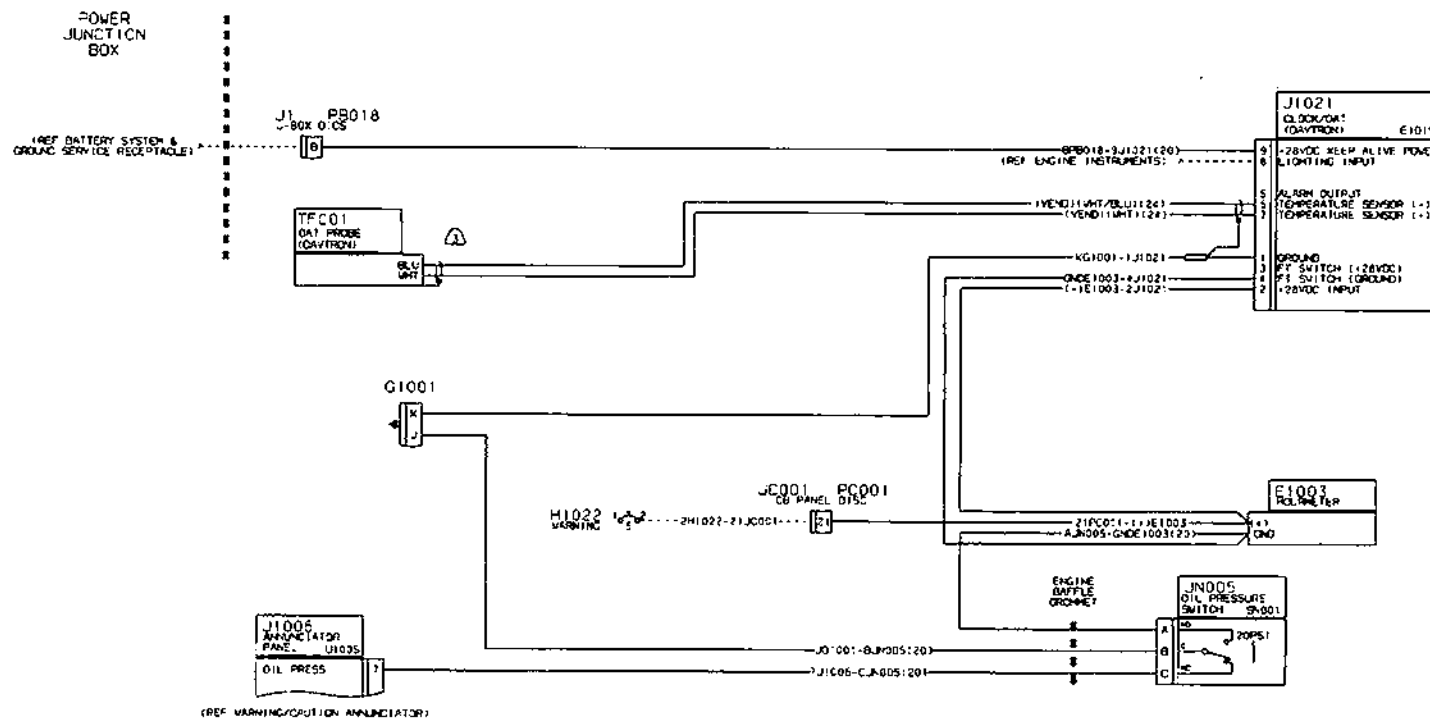
Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

- 1 ALL WIRE 22AWG, EXCEPT AS NOTED.
 2 WIRES SUPPLIED WITH OAT PROBE ARE POLARITY SENSITIVE. DO NOT SWAP



CLOCK, OAT AND HOUR METER
 FIGURE 03 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
03		CLOCK, OAT AND HOURMETER 17280984 THRU 17281097 172S8704 THRU 172S9062		
EI003	S1493-1	. HOURMETER (ZONE 221)		01 R
EI019	M803B-2-0/28V-B	. INDICATOR CLOCK/OAT (ZONE 220)	V63836 80001 81097 81143 & ON S8001 S9062 S9289 & ON	01 R
GI001	200838-2	. CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
-	201846-1	. . CLAMP KIT		01 R
-	203618-1	. . JACK SCREW		AR R
-	AN340-3	. . NUT		AR R
-	S2099-4	. . SOCKET	80001 81142	AR R
-	S2099-3	. . CONTACT	81143 & ON	AR R
HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
J1		. CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)		RF R
JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	. . SOCKET		AR R
JI006	770585-1	. CONNECTOR (ZONE 225)	V00779	01 R
-	170365-3	. . PINS AND SOCKETS		AR R
JI021	RD9F00JVLO	. CONNECTOR CLOCK (ZONE 220)	V28198	01 R
-	FC6020D	. . CONTACT		AR R
JN005	S2800-276	. CONNECTOR KIT OIL PRESSURE SWITCH (ZONE 120)		01 R
PB018	S2800-274	. CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	. . PIN		AR R
-	S2353-5	. . PIN		AR R
SN001	83278	. SWITCH OIL PRESSURE (ZONE 120)	V74400 80831 & ON S8348 & ON	01 R
TF001	C307PRF-11	. PROBE OUTSIDE AIR TEMPERATURE (ZONE 210)	V63131 80301 81097 81143 & ON	01 R
TF001	CNP-100-001	. PROBE OUTSIDE AIR TEMPERATURE (OAT) (ZONE 210)	V65907 81098 81142	01 R
UI005		. PANEL ANNUNCIATOR (ZONE 225)		RF R

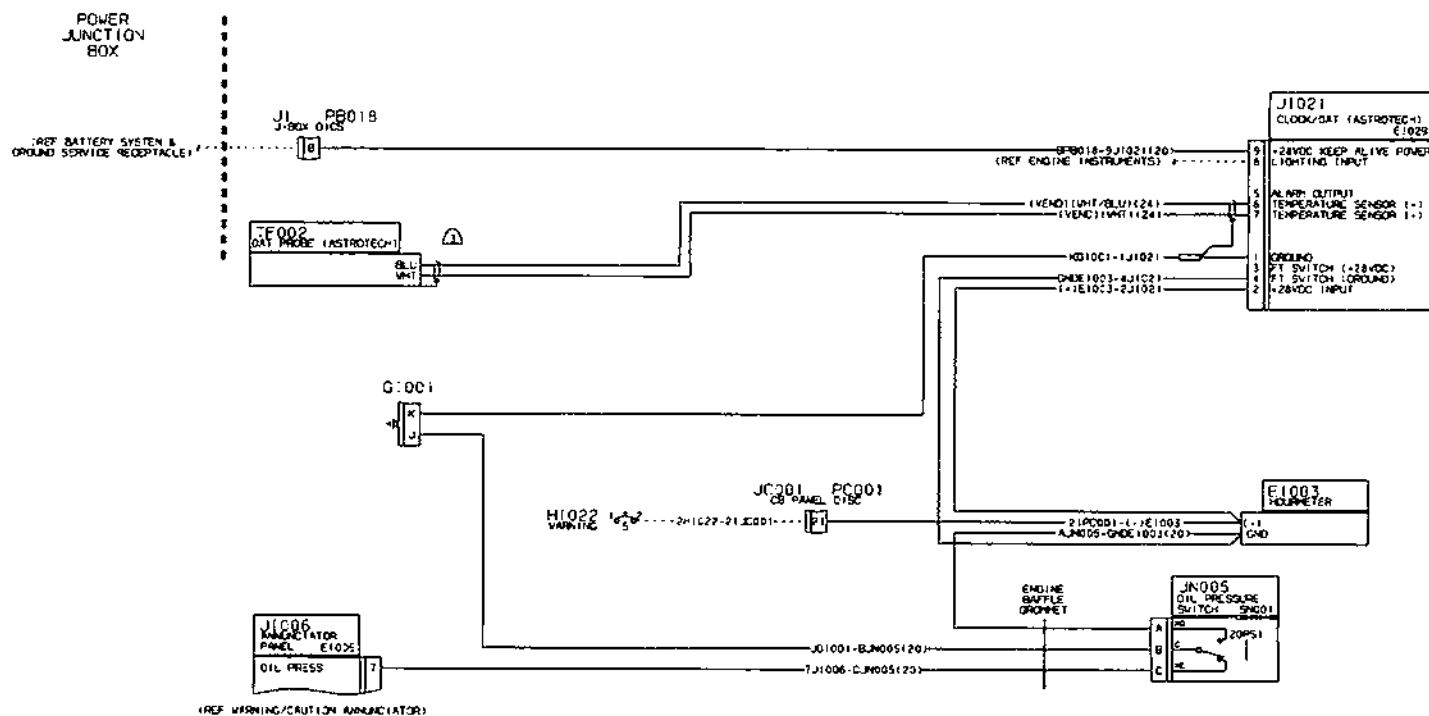
- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, EXCEPT AS NOTED.

① WIRES SUPPLIED WITH OAT PROBE ARE POLARITY SENSITIVE. DO NOT SWAP.



CLOCK, OAT AND HOURMETER
 FIGURE 04 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

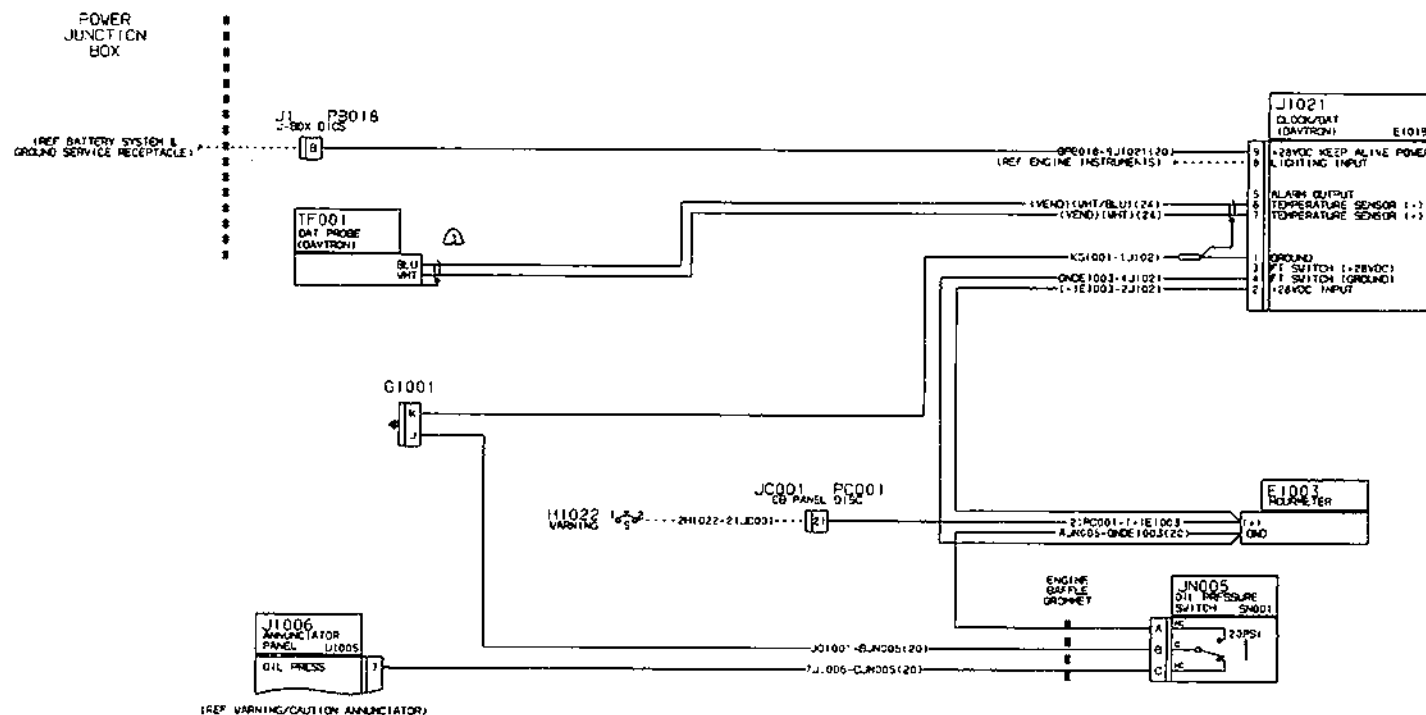
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
04			CLOCK, OAT AND HOURMETER		
			17281098 THRU 17281142		
			172S9063 THRU 172S9288		
	EI003	S1493-1	. HOURMETER (ZONE 221)		01 R
	EI005	S3329-1	. TACHOMETER (ZONE 220)	80001 & ON	01 R
		S3312-1	. LIGHT ASSEMBLY		01 R
	EI005	S3329-5	. TACHOMETER (ZONE 220)	S8001 & ON	01 R
	EI029	AT432000	. INDICATOR CLOCK/OAT/VOLTAGE (ZONE 220)	V63836 81098 81142	01 R
				S9063 S9288	
	GI001	200838-2	. CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
				S8403 & ON	
		201846-1	. CLAMP KIT		01 R
		203618-1	. JACK SCREW		AR R
		AN340-3	. NUT		AR R
		S2099-4	. SOCKET	80001 81142	AR R
		S2099-3	. CONTACT	81143 & ON	AR R
	HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
	J1		. CONNECTOR POWER JUNCTION BOX. SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 121)		
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE		01 R
			224)		
		S2099-4	. SOCKET		AR R
	JI006	770585-1	. CONNECTOR (ZONE 225)	V00779	01 R
		170365-3	. PINS AND SOCKETS		AR R
	JI021	RD9F00JVLO	. CONNECTOR CLOCK (ZONE 220)	V28198	01 R
		FC6020D	. CONTACT		AR R
	JN005	S2800-276	. CONNECTOR KIT OIL PRESSURE SWITCH (ZONE 120)		01 R
	PB018	S2800-274	. CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2353-4	. PIN		AR R
		S2353-5	. PIN		AR R
	SN001	83278	. SWITCH OIL PRESSURE (ZONE 120)	V74400 80831 & ON	01 R
			ALSO INCLUDING AIRPLANES INCORPORATING SB00-79-01	S8348 & ON	
	TF002	CNP-100-001	. PROBE OUTSIDE AIR TEMPERATURE (ZONE 210)	V65907 81098 81142	01 R
				S9063 S9288	

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. EXCEPT AS NOTED
- ⚠ WIRES SUPPLIED WITH DAT PROBE ARE POLARITY SENSITIVE. DO NOT SWAP.



CLOCK, OIL AND HOUR METER
FIGURE 05 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

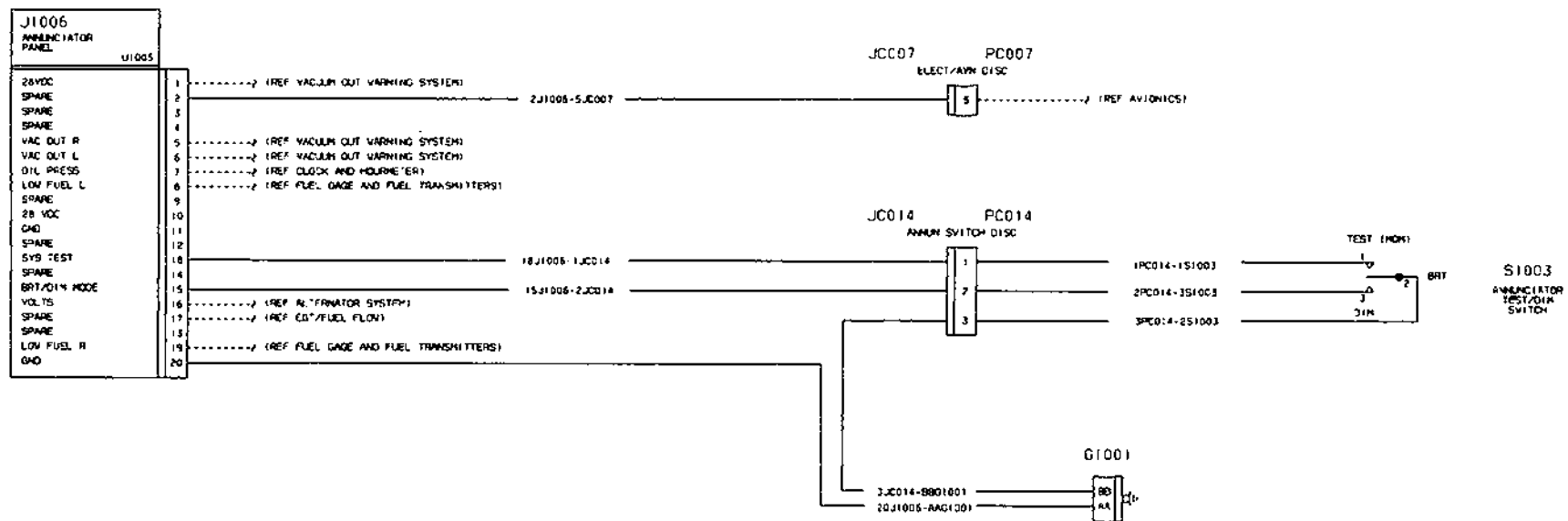
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
05		CLOCK, OAT AND HOURMETER 17281143 & ON 172S9289 & ON		
EI003	S1493-1	. HOURMETER (ZONE 221)		01 R
EI019	M803B-2-0/28V-B	. INDICATOR CLOCK/OAT (ZONE 220)	V63836 80001 81097	01 R
			81143 & ON	
			S8001 S9062	
			S9289 & ON	
GI001	200838-2	. CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
			S8403 & ON	
-	201846-1	. . CLAMP KIT		01 R
-	203618-1	. . JACK SCREW		AR R
-	AN340-3	. . NUT		AR R
-	S2099-4	. . SOCKET	80001 81142	AR R
-	S2099-3	. . CONTACT	81143 & ON	AR R
HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
J1		. CONNECTOR POWER JUNCTION BOX, SUPPLIED WITH POWER JUNCTION BOX (ZONE 121)		RF R
JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	. . SOCKET		AR R
JI006	770585-1	. CONNECTOR (ZONE 225)	V00779	01 R
-	170365-3	. . PINS AND SOCKETS		AR R
JI021	RD9F00JVL0	. CONNECTOR CLOCK (ZONE 220)	V28198	01 R
-	FC6020D	. . CONTACT		AR R
JN005	S2800-276	. CONNECTOR KIT OIL PRESSURE SWITCH (ZONE 120)		01 R
PB018	S2800-274	. CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	. . PIN		AR R
-	S2353-5	. . PIN		AR R
SN001	83278	. SWITCH OIL PRESSURE (ZONE 120)	V74400 80831 & ON	01 R
		ALSO INCLUDING AIRPLANES INCORPORATING SB00-79-01	S8348 & ON	
TF001	C307PRF-11	. PROBE OUTSIDE AIR TEMPERATURE (ZONE 210)	V63131 80301 81097	01 R
			81143 & ON	
UI005		. PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, EXCEPT AS NOTED



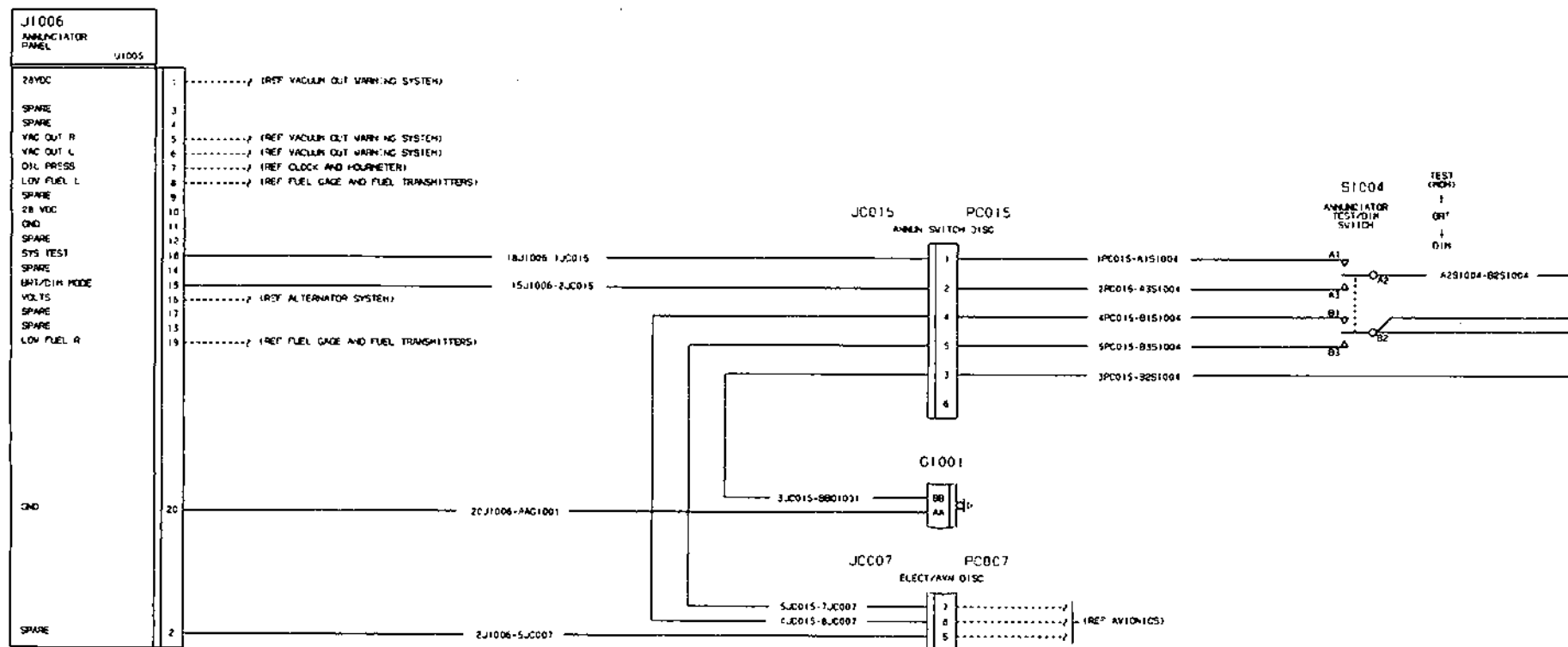
ANNUNCIATOR PANEL
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES		1 2 3 4 5 6 7		FROM TO	PER ASSY
01			ANNUNCIATOR PANEL		
			17280001 THRU 17280003		
	GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
-		203618-1	. . JACK SCREW		AR R
-		AN340-3	. . NUT		AR R
-		S2527-3	. . CLAMP		01 R
-		S2099-4	. . SOCKET	80001 81142	AR R
JC007		S1641-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224).		01 R
-		S1636-1	. . PINS		AR R
JC014		S1638-1	. CONNECTOR ANNUNCIATOR TEST/DIM SWITCH DISCONNECT (ZONE 225)		01 R
-		S1636-4	. . SOCKETS		AR R
J1006		770585-1	. CONNECTOR (ZONE 225) V00779		01 R
-		170365-3	. . PINS AND SOCKETS		AR R
PC007		S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-		S1635-1	. . PIN		AR R
PC014		S1638-2	. CONNECTOR ANNUNCIATOR SWITCH DISCONNECT (ZONE 220)		01 R
-		S1635-1	. . PIN		AR R
SI003		S1695-5	. SWITCH ANNUNCIATOR TEST/DIM (ZONE 225)	80001 80003	01 R
UI005			. PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



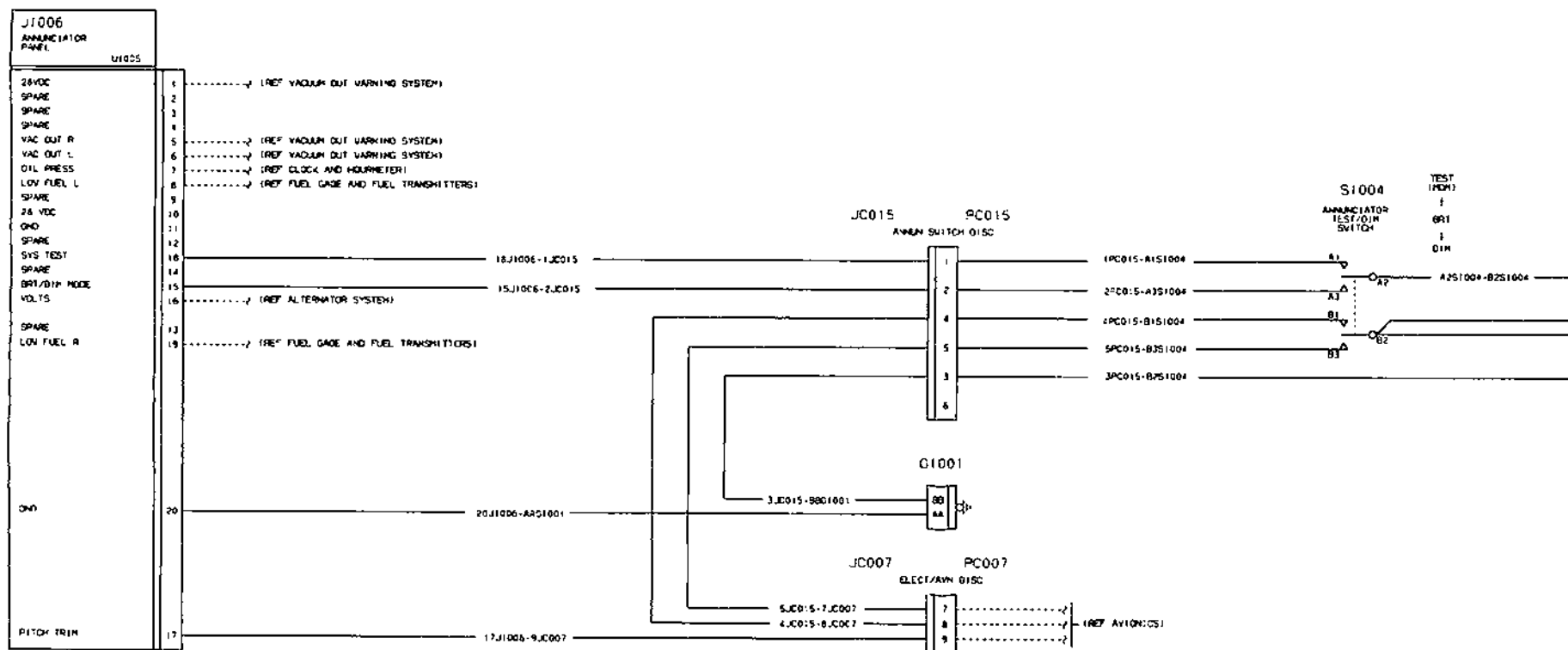
ANNUNCIATOR PANEL
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
02			ANNUNCIATOR PANEL		
			17280004 THRU 17280830		
	GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
-		203618-1	. . JACK SCREW		AR R
-		AN340-3	. . NUT		AR R
-		S2527-3	. . CLAMP		01 R
-		S2099-4	. . SOCKET	80001 81142	AR R
JC007		S1641-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224).		01 R
-		S1636-1	. . PINS		AR R
JC015		S1641-6	. CONNECTOR ANNUNCIATOR TEST/DIM SWITCH (ZONE 225) . . .		01 R
-		S1636-1	. . PINS		AR R
J1006		770585-1	. CONNECTOR (ZONE 225) V00779		01 R
-		170365-3	. . PINS AND SOCKETS		AR R
PC007		S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-		S1635-1	. . PIN		AR R
PC015		S1640-6	. CONNECTOR ANNUNCIATOR TEST/DIMMING (ZONE 225)		01 R
-		S1635-1	. . PIN		AR R
-		S1635-2	. . PIN		AR R
SI004		S1696-5	. SWITCH ANNUNCIATOR TEST/DIM (ZONE 225)	80004 80883	01 R
				S8001 S8402	
UI005			. PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
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WIRING DIAGRAM MANUAL

ANNUNCIATOR PANEL
FIGURE 03 (SHEET 1)

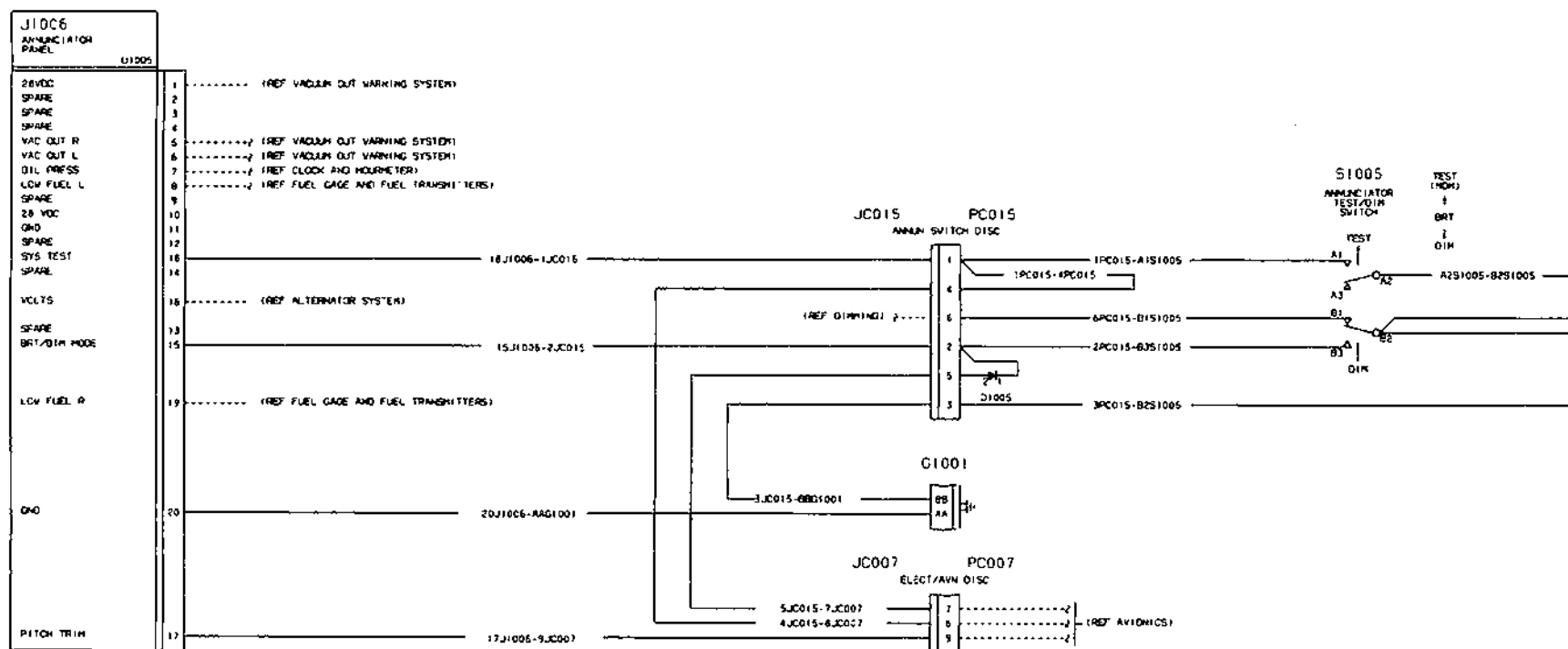
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MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
03			ANNUNCIATOR PANEL 17280831 THRU 17280883 172S8001 THRU 172S8402		
	GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
-		203618-1	. . JACK SCREW		AR R
-		AN340-3	. . NUT		AR R
-		S2527-3	. . CLAMP		01 R
-		S2099-4	. . SOCKET	80001 81142	AR R
	JC007	S1641-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224).		01 R
-		S1636-1	. . PINS		AR R
	JC015	S1641-6	. CONNECTOR ANNUNCIATOR TEST/DIM SWITCH (ZONE 225) . . .		01 R
-		S1636-1	. . PINS		AR R
	JI006	770585-1	. CONNECTOR (ZONE 225).V00779		01 R
-		170365-3	. . PINS AND SOCKETS		AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-		S1635-1	. . PIN		AR R
	PC015	S1640-6	. CONNECTOR ANNUNCIATOR TEST/DIMMING (ZONE 225).		01 R
-		S1635-1	. . PIN		AR R
-		S1635-2	. . PIN		AR R
	SI004	S1696-6	. SWITCH ANNUNCIATOR TEST/DIM (ZONE 225)	80004 80883 S8001 S8402	01 R
	UI005		. PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



ANNUNCIATOR PANEL
 FIGURE 04 (SHEET 1)

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WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
04			ANNUNCIATOR PANEL		
			17280884 & ON		
			172S8403 & ON		
	GI001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
-		201846-1	CLAMP KIT		01 R
-		203618-1	JACK SCREW		AR R
-		AN340-3	NUT		AR R
-		S2099-4	SOCKET	80001 81142	AR R
-		S2099-3	CONTACT	81143 & ON	AR R
	JC007	S1641-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224).		01 R
-		S1636-1	PINS		AR R
	JC015	S1641-6	CONNECTOR ANNUNCIATOR TEST/DIM SWITCH (ZONE 225) . . .		01 R
-		S1636-1	PINS		AR R
	JI006	770585-1	CONNECTOR (ZONE 225).	V00779	01 R
-		170365-3	PINS AND SOCKETS		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-		S1635-1	PIN		AR R
	PC015	S1640-6	CONNECTOR ANNUNCIATOR TEST/DIMMING (ZONE 225).		01 R
-		S1635-1	PIN		AR R
-		S1635-2	PIN		AR R
	SI005	S1696-6	SWITCH ANNUNCIATOR TEST/DIM (ZONE 220)	80884 & ON S8403 & ON	01 R
	UI005		PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

CHAPTER

33

LIGHTS

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>		<u>NUMBER OF PAGES</u>	<u>DATE</u>
33-Title		1	
33-List of Effective Pages		1	Jan 20/2006
33-Record of Revisions		1	
33-Contents		1	Jan 20/2006
33-10-01	Figure 01	2	Jan 20/2006
	Figure 02	4	Jan 20/2006
	Figure 03	4	Jan 20/2006
	Figure 04	4	Jan 20/2006 Added
33-10-02	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
	Figure 04	2	Jan 20/2006 Added
	Figure 05	2	Jan 20/2006 Added
33-10-03	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
33-10-04	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
33-10-05	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
	Figure 04	2	Jan 20/2006 Added
	Figure 05	2	Jan 20/2006 Added
33-10-06	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
33-10-07	Figure 01	2	Jan 20/2006
33-10-08	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
33-10-09	Figure 01	2	Jan 20/2006 Added
33-40-01	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
	Figure 04	2	Jan 20/2006 Added
	Figure 05	2	Jan 20/2006 Added
33-40-02	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
	Figure 04	2	Jan 20/2006 Added
33-40-03	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Deleted
33-40-04	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
33-40-05	Figure 01	2	Jan 20/2006 Added
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added

CESSNA AIRCRAFT COMPANY MODEL 172 WIRING DIAGRAM MANUAL

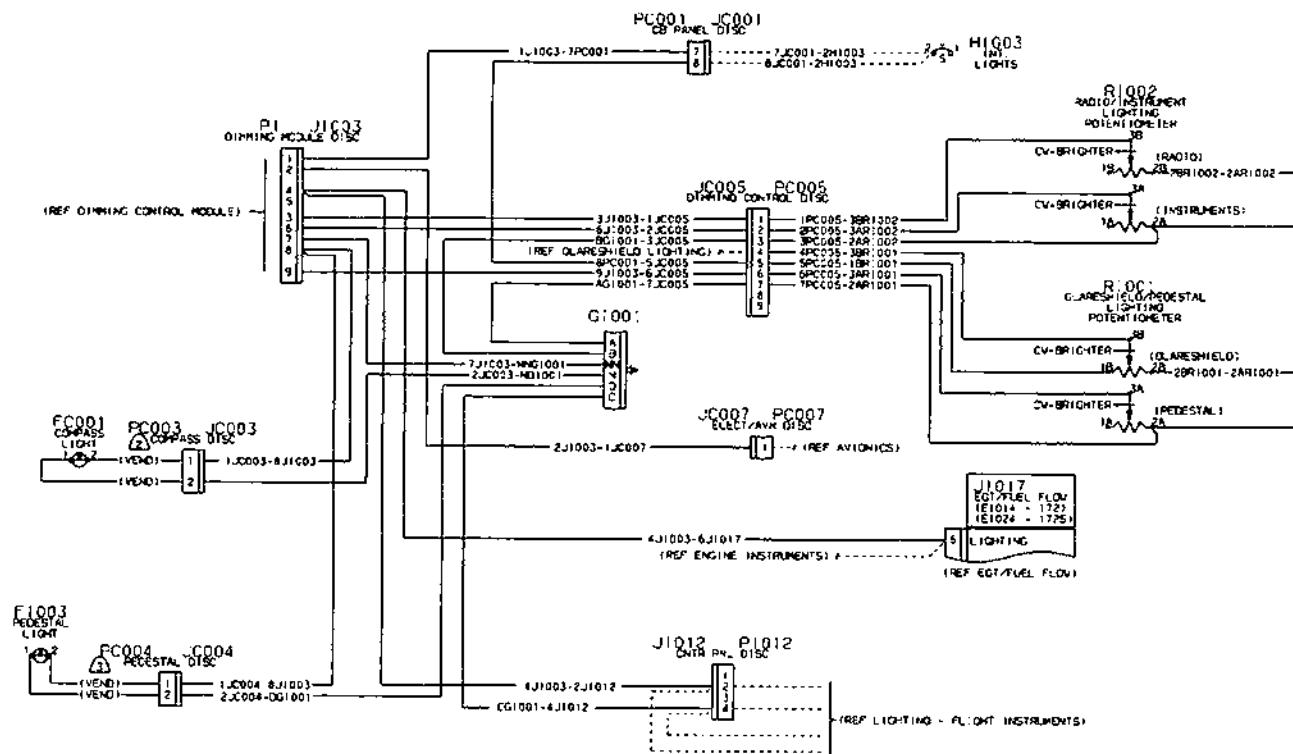
RECORD OF REVISIONS

[illegible]

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
INSTRUMENT DIMMING	33-10-01	01	
INSTRUMENT DIMMING	33-10-01	02	
INSTRUMENT DIMMING	33-10-01	03	
MAP LIGHTS	33-10-02	01	
FLIGHT INSTRUMENT LIGHTING	33-10-03	01	
ENGINE INSTRUMENT	33-10-04	01	
INTERIOR LIGHTING	33-10-05	01	
GLARESHIELD LIGHTING	33-10-06	01	
GLARESHIELD LIGHTING	33-10-06	02	
DIMMING CONTROL MODULE	33-10-07	01	
SECOND ALTIMETER OPTION LIGHTING	33-10-08	01	
NAVIGATION LIGHTS	33-40-01	01	
STROBE LIGHTS	33-40-02	01	
FLASHING BEACON	33-40-03	01	
COURTESY LIGHTS	33-40-04	01	
LANDING AND TAXI LIGHTS	33-40-05	01	

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

: ALL VIRE ZAVO, UNLESS OTHERWISE NOTED

2 CONNECTOR AND WIRES PART OF COMPASS ASSY.

3 CONNECTOR AND WIRES SUPPLIED WITH LIGHT.

INSTRUMENT DIMMING
FIGURE 01 (SHEET 1)

0570557H1

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33-10-01

Figure 01
Page 0
May 5/2003

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MODEL 172

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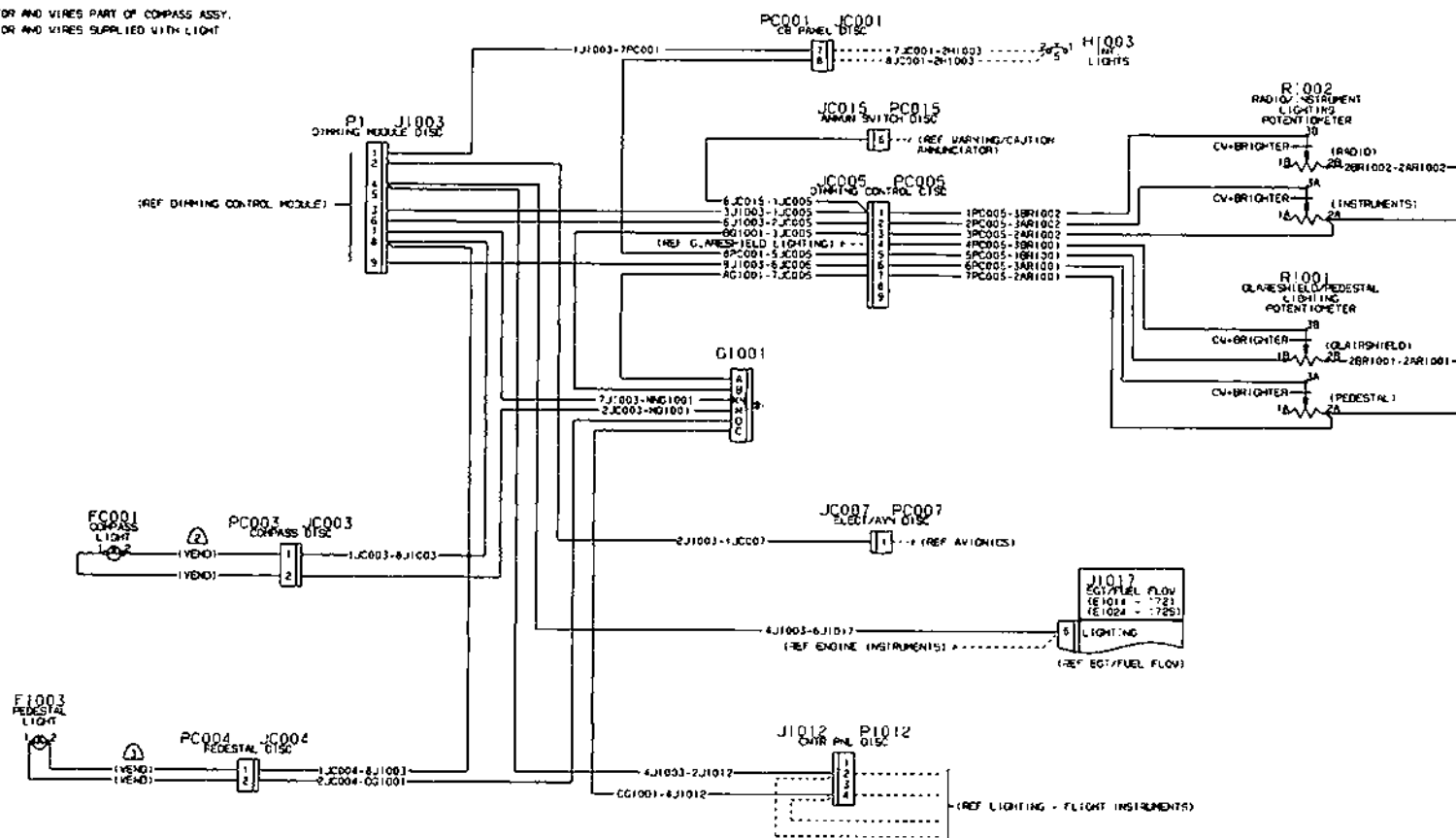
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1234567			
01			INSTRUMENT DIMMING		
			17280001 THRU 17280883		
			172S8001 THRU 172S8402		
EI014	S3277-4		INDICATOR EGT/FUEL FLOW (ZONE 220)	80001 80004	01 R
EI014	S3277-2		INDICATOR EGT/FUEL FLOW (ZONE 220)	80004 80906	01 R
	S3277-6		ALTERNATE FOR S3277-2		01 R
EI024	S3277-4		INDICATOR EGT/FUEL FLOW (ZONE 220)	S8001 S8491	01 R
FC001	C660501-0103		LIGHT COMPASS (ZONE 220)		01 R
	MS25237-327		LIGHT BULB		01 R
FI003	MS25231-1829		LIGHT PEDESTAL (ZONE 211)		01 R
	S2524-1		SOCKET		01 R
GI001	S2527-1		CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
	203618-1		JACK SCREW		AR R
	AN340-3		NUT		AR R
	S2527-3		CLAMP		01 R
	S2099-4		SOCKET	80001 81142	AR R
HI003	S1360-5L		CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
JC001	S2349-5		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
	S2099-4		SOCKET		AR R
JC003	S2035-2		CONNECTOR COMPASS LIGHT DISCONNECT (ZONE 225)		01 R
	S1636-1		PINS		AR R
JC004	S2035-2		CONNECTOR PEDESTAL LIGHT DISCONNECT (ZONE 224)		01 R
	S1636-1		PINS		AR R
JC005	S1641-9		CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
	S1636-1		PINS		AR R
JC007	S1641-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		01 R
	S1636-1		PINS		AR R
JI003	S1641-9		CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
	S1636-1		PINS		AR R
	S1636-2		SOCKETS		AR R
JI012	S1638-5		CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)		01 R
	S1636-2		SOCKETS		AR R
JI012	S1638-6		CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)	80004 & ON	01 R
				S8001 & ON	
JI017	S2349-3		CONNECTOR EGT/FUEL FLOW INDICATOR (ZONE 220)		01 R
	S2099-3		CONTACT		AR R
	S2099-4		SOCKET		AR R
	S2414-1		KEYING PLUG		AR R
P1	S1641-9		CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
	S1636-1		SOCKET		AR R
PC001	S2350-10		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
	S2353-4		PIN		AR R
	S2353-5		PIN		AR R
PC003	S2035-1		CONNECTOR COMPASS		01 R
PC004	S2035-1		CONNECTOR PEDESTAL DISCONNECT	80001 80983	01 R
				S8001 S8703	
	S1635-1		PIN		AR R
PC005	S1640-9		CONNECTOR DIMMING CONTROL MODULE DISCONNECT (ZONE 225)		01 R
	S1635-1		PIN		AR R
	S1635-2		PIN		AR R
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
	S1635-1		PIN		AR R
PI012	S1638-4		CONNECTOR CENTER PANEL DISCONNECT (ZONE 225)		01 R
	S1635-1		PIN		AR R
RI001	S2091-9		RESISTOR DIMMING CONTROL VARIABLE (ZONE 225)		01 R
RI002	S2091-9		RESISTOR DIMMING CONTROL VARIABLE (ZONE 225)		01 R

• ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED
2. CONNECTOR AND WIRES PART OF COMPASS ASSY.
3. CONNECTOR AND WIRES SUPPLIED WITH LIGHT



INSTRUMENT DIMMING
FIGURE 02 (SHEET 1)

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CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
02		INSTRUMENT DIMMING		
		17280884 THRU 17280983		
		172S8403 THRU 172S8703		
EI014	S3277-2	INDICATOR EGT/FUEL FLOW (ZONE 220)	80004 80906	01 R
-	S3277-6	ALTERNATE FOR S3277-2		01 R
EI014	S3277-6	INDICATOR EGT/FUEL FLOW (ZONE 220)	80907 & ON	01 R
EI024	S3277-4	INDICATOR EGT/FUEL FLOW (ZONE 220)	S8001 S8491	01 R
EI024	S3277-8	INDICATOR EGT/FUEL FLOW (ZONE 220)	S8492 & ON	01 R
FC001	C660501-0103	LIGHT COMPASS (ZONE 220)		01 R
-	MS25237-327	LIGHT BULB		01 R
FI003	MS25231-1829	LIGHT PEDESTAL (ZONE 211)		01 R
-	S2524-1	SOCKET		01 R
GI001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
-	201846-1	CLAMP KIT		01 R
-	203618-1	JACK SCREW		AR R
-	AN340-3	NUT		AR R
-	S2099-4	SOCKET	80001 81142	AR R
-	S2099-3	CONTACT	81143 & ON	AR R
HI003	S1360-5L	CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
JC001	S2349-5	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4	SOCKET		AR R
JC003	S2035-2	CONNECTOR COMPASS LIGHT DISCONNECT (ZONE 225)		01 R
-	S1636-1	PINS		AR R
JC004	S2035-2	CONNECTOR PEDESTAL LIGHT DISCONNECT (ZONE 224)		01 R
-	S1636-1	PINS		AR R
JC005	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
-	S1636-1	PINS		AR R
JC007	S1641-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		01 R
-	S1636-1	PINS		AR R
JC015	S1641-6	CONNECTOR ANNUNCIATOR TEST/DIM SWITCH (ZONE 225)		01 R
-	S1636-1	PINS		AR R
JI003	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
-	S1636-1	PINS		AR R
-	S1636-2	SOCKETS		AR R
JI012	S1638-6	CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)	80004 & ON S8001 & ON	01 R
JI017	S2349-3	CONNECTOR EGT/FUEL FLOW INDICATOR (ZONE 220)		01 R
-	S2099-3	CONTACT		AR R
-	S2099-4	SOCKET		AR R
-	S2414-1	KEYING PLUG		AR R
P1	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
-	S1636-1	SOCKET		AR R
PC001	S2350-10	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4	PIN		AR R
-	S2353-5	PIN		AR R
PC003	S2035-1	CONNECTOR COMPASS		01 R
PC004	S2035-1	CONNECTOR PEDESTAL DISCONNECT	80001 80983 S8001 S8703	01 R
-	S1635-1	PIN		AR R
PC005	S1640-9	CONNECTOR DIMMING CONTROL MODULE DISCONNECT (ZONE 225)		01 R
-	S1635-1	PIN		AR R
-	S1635-2	PIN		AR R
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
-	S1635-1	PIN		AR R
PC015	S1640-6	CONNECTOR ANNUNCIATOR TEST/DIMMING (ZONE 225)		01 R
-	S1635-1	PIN		AR R
-	S1635-2	PIN		AR R
PI012	S1638-4	CONNECTOR CENTER PANEL DISCONNECT (ZONE 225)		01 R
-	S1635-1	PIN		AR R
RI001	S2091-9	RESISTOR DIMMING CONTROL VARIABLE (ZONE 225)		01 R

- ITEM NOT ILLUSTRATED

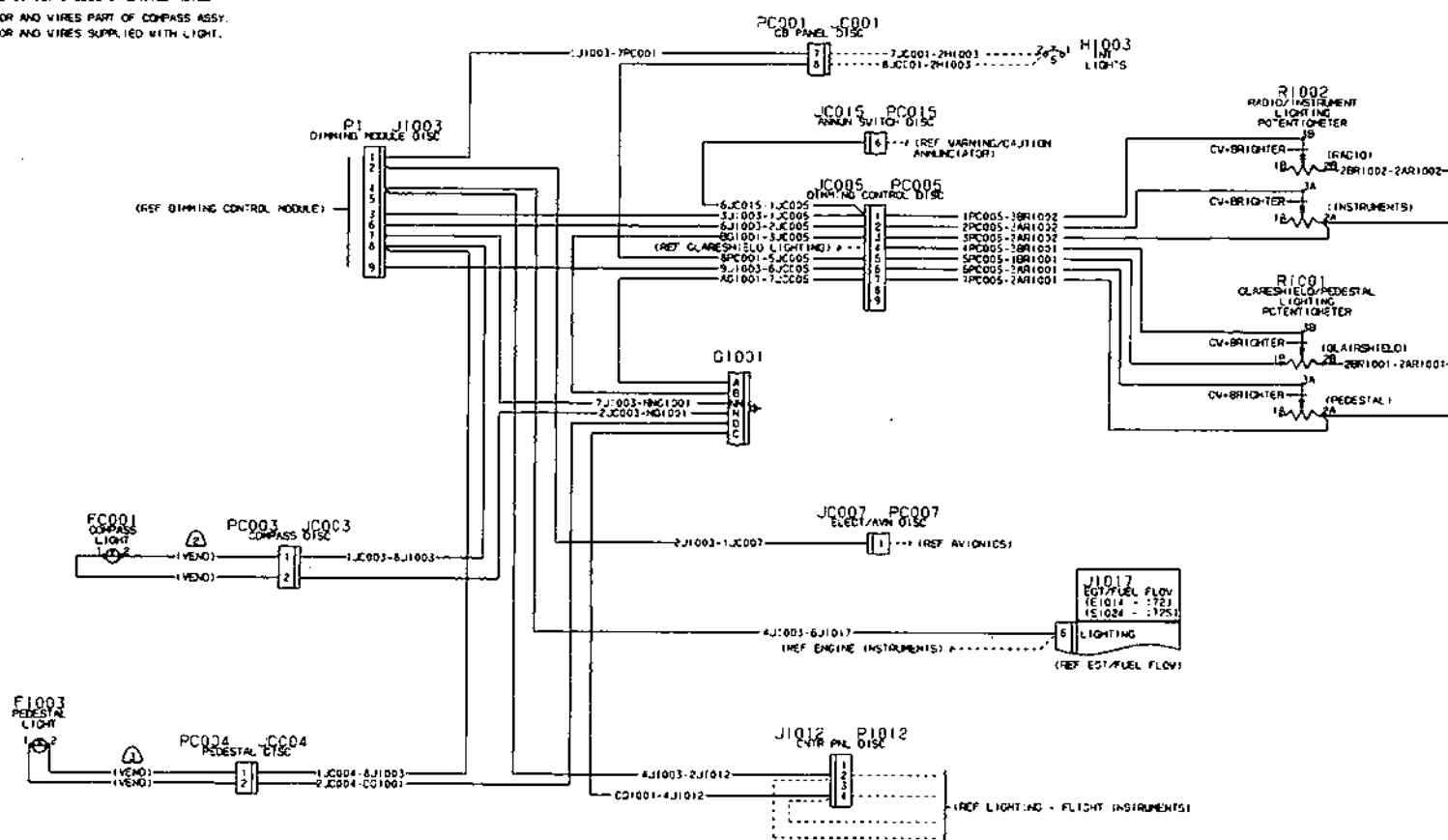
Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. UNLESS OTHERWISE NOTED
2. CONNECTOR AND WIRES PART OF COMPASS ASSY.
3. CONNECTOR AND WIRES SUPPLIED WITH LIGHT.



INSTRUMENT DIMMING
FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

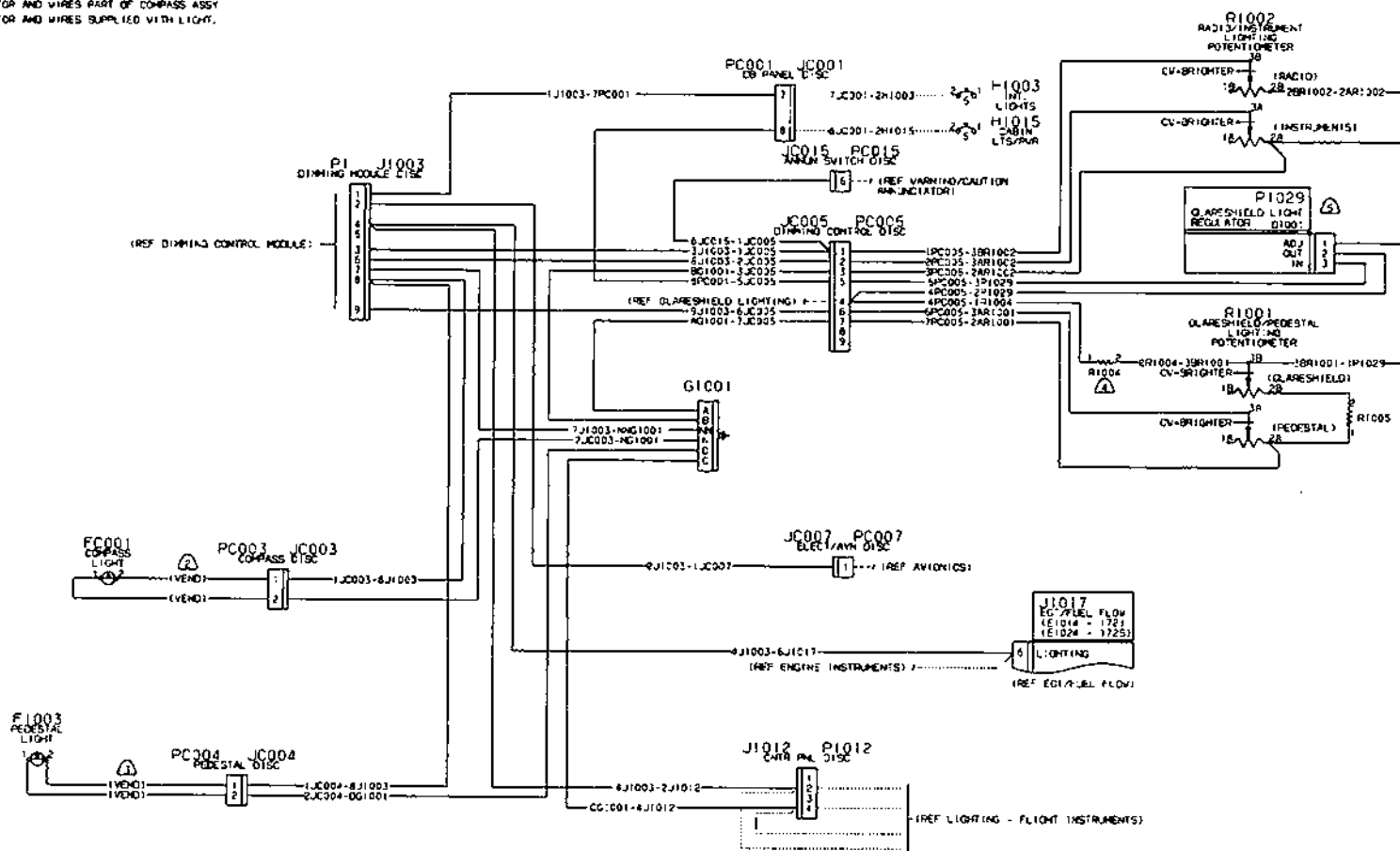
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
	1234567			
RI002	S2091-9	RESISTOR DIMMING CONTROL VARIABLE (ZONE 225)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED
2. CONNECTOR AND WIRES PART OF COMPASS ASSY
3. CONNECTOR AND WIRES SUPPLIED WITH LIGHT.



INSTRUMENT DIMMING
FIGURE 03 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1234567			
03			INSTRUMENT DIMMING		
			17280984 & ON		
			172S8704 & ON		
	EI014	S3277-6	INDICATOR EGT/FUEL FLOW (ZONE 220)	80907 & ON	01 R
	EI024	S3277-8	INDICATOR EGT/FUEL FLOW (ZONE 220)	S8492 & ON	01 R
	FC001	C660501-0103	LIGHT COMPASS (ZONE 220)		01 R
		MS25237-327	LIGHT BULB		01 R
	FI003	MS25231-1829	LIGHT PEDESTAL (ZONE 211)		01 R
		S2524-1	SOCKET		01 R
	GI001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
				S8403 & ON	
		201846-1	CLAMP KIT		01 R
		203618-1	JACK SCREW		AR R
		AN340-3	NUT		AR R
		S2099-4	SOCKET	80001 81142	AR R
		S2099-3	CONTACT	81143 & ON	AR R
	HI003	S1360-5L	CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
	HI015	S1360-5L	CIRCUIT BREAKER CABIN LIGHTS POWER (ZONE 224)	80984 & ON	01 R
				S8704 & ON	
	JC001	S2349-5	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S2099-4	SOCKET		AR R
	JC003	S2035-2	CONNECTOR COMPASS LIGHT DISCONNECT (ZONE 225)		01 R
		S1636-1	PINS		AR R
	JC004	S2035-2	CONNECTOR PEDESTAL LIGHT DISCONNECT (ZONE 224)		01 R
		S1636-1	PINS		AR R
	JC005	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
		S1636-1	PINS		AR R
	JC007	S1641-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		01 R
		S1636-1	PINS		AR R
	JC015	S1641-6	CONNECTOR ANNUNCIATOR TEST/DIM SWITCH (ZONE 225)		01 R
		S1636-1	PINS		AR R
	JI003	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
		S1636-1	PINS		AR R
		S1636-2	SOCKETS		AR R
	JI012	S1638-6	CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)	80004 & ON	01 R
				S8001 & ON	
	JI017	S2349-3	CONNECTOR EGT/FUEL FLOW INDICATOR (ZONE 220)		01 R
		S2099-3	CONTACT		AR R
		S2099-4	SOCKET		AR R
		S2414-1	KEYING PLUG		AR R
	P1	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
		S1636-1	SOCKET		AR R
	PC001	S2350-10	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2353-4	PIN		AR R
		S2353-5	PIN		AR R
	PC003	S2035-1	CONNECTOR COMPASS		01 R
	PC004	S2035-1	CONNECTOR PEDESTAL DISCONNECT	80001 80983	01 R
				S8001 S8703	
		S1635-1	PIN		AR R
	PC005	S1640-9	CONNECTOR DIMMING CONTROL MODULE DISCONNECT (ZONE 225)		01 R
		S1635-1	PIN		AR R
		S1635-2	PIN		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)		01 R
		S1635-1	PIN		AR R
	PC015	S1640-6	CONNECTOR ANNUNCIATOR TEST/DIMMING (ZONE 225)		01 R
		S1635-1	PIN		AR R
		S1635-2	PIN		AR R
	PI012	S1638-4	CONNECTOR CENTER PANEL DISCONNECT (ZONE 225)		01 R
		S1635-1	PIN		AR R
	PI029	08-50-0114	TERMINAL GLARESHIELD REGULATOR (ZONE 211)	V27264	03 R
		10-17-2032	SOCKET	V27264	AR R

- ITEM NOT ILLUSTRATED

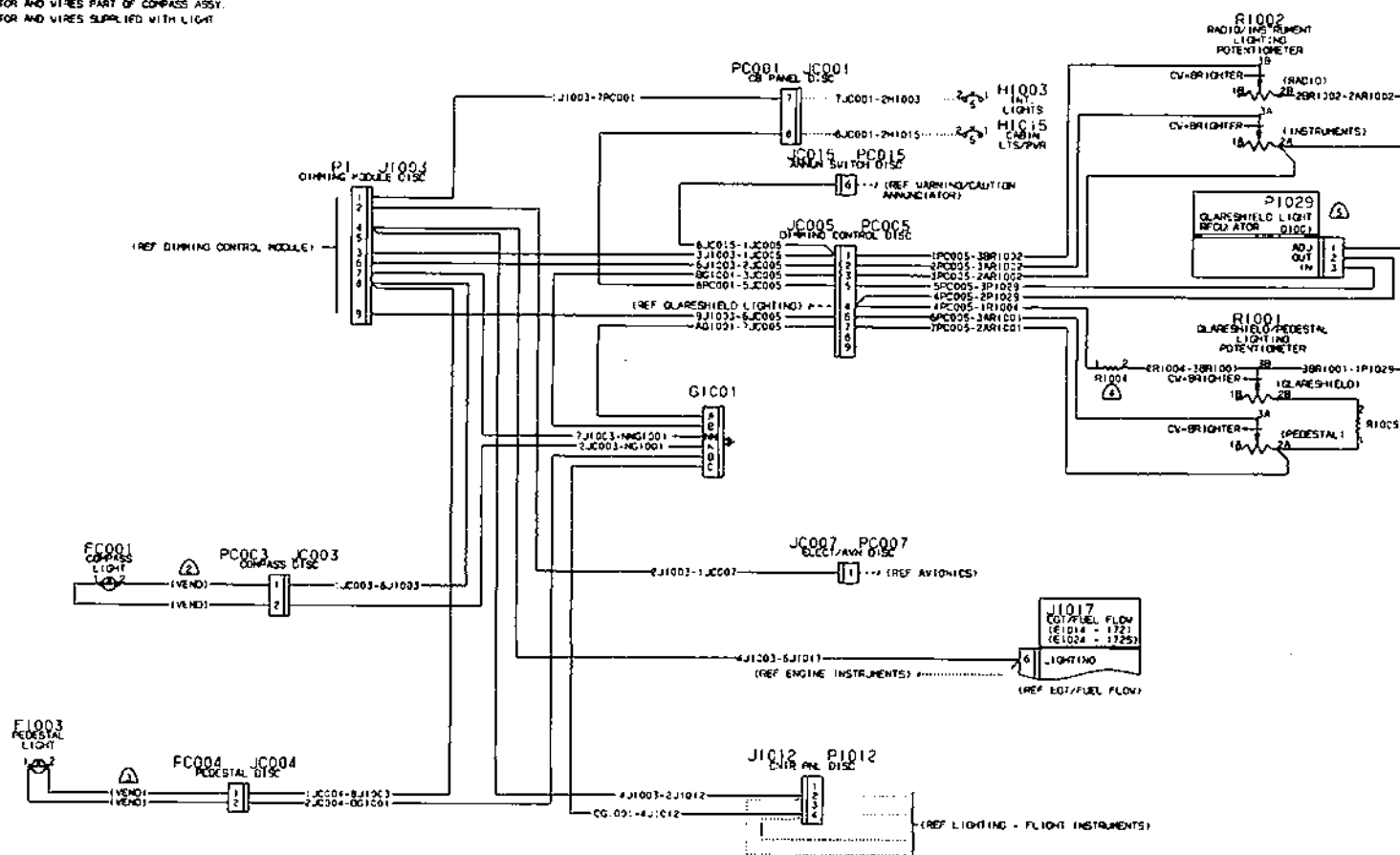
Figure 03

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED
2. CONNECTOR AND WIRES PART OF COMPASS ASSY.
3. CONNECTOR AND WIRES SUPPLIED WITH LIGHT



INSTRUMENT DIMMING
FIGURE 03 (SHEET 1)

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

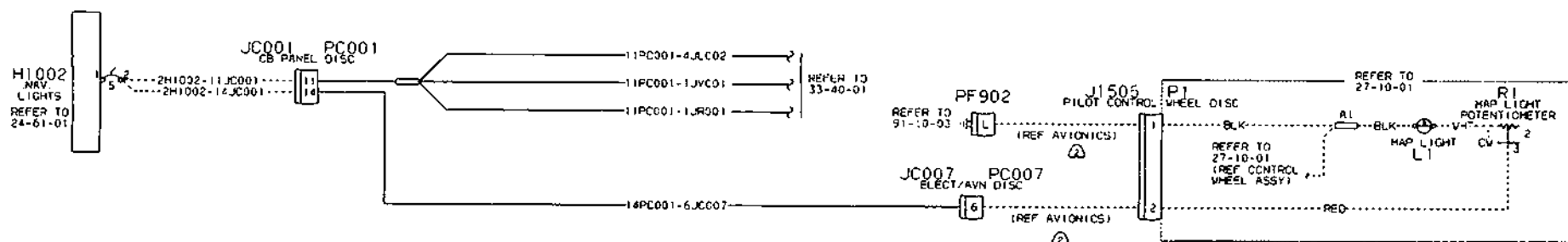
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
		1234567			
	QI001	NJM317F	. REGULATOR GLARESHIELD LIGHT (ZONE 225)	VS5416	01 R
-		1218031-2	. . BRACKET		04 R
-		MS21044N04	. . NUT		01 R
-		MS35206-215	. . SCREW		01 R
-		NAS1149FN416P	. . WASHER		02 R
	RI001	S2091-9	. RESISTOR DIMMING CONTROL VARIABLE (ZONE 225)		01 R
	RI002	S2091-9	. RESISTOR DIMMING CONTROL VARIABLE (ZONE 225)		01 R
	RI004	CCF-553740F	. RESISTOR DIMMING CONTROL (ZONE 225)	V91637	01 R
	RI005	CCF-552611F	. RESISTOR DIMMING CONTROL (ZONE 225)	V91637	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

- NOTES:
 ① ALL WIRE 22 AWG. EXCEPT AS NOTED
 ② STANDARD AVIONICS REFER TO 23-50-10
 NAV 11 OPTION REFER TO 23-50-20
 NAV 11 OPTION REFER TO 23-50-30.



MAP LIGHTS
FIGURE 01 (SHEET 1)

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

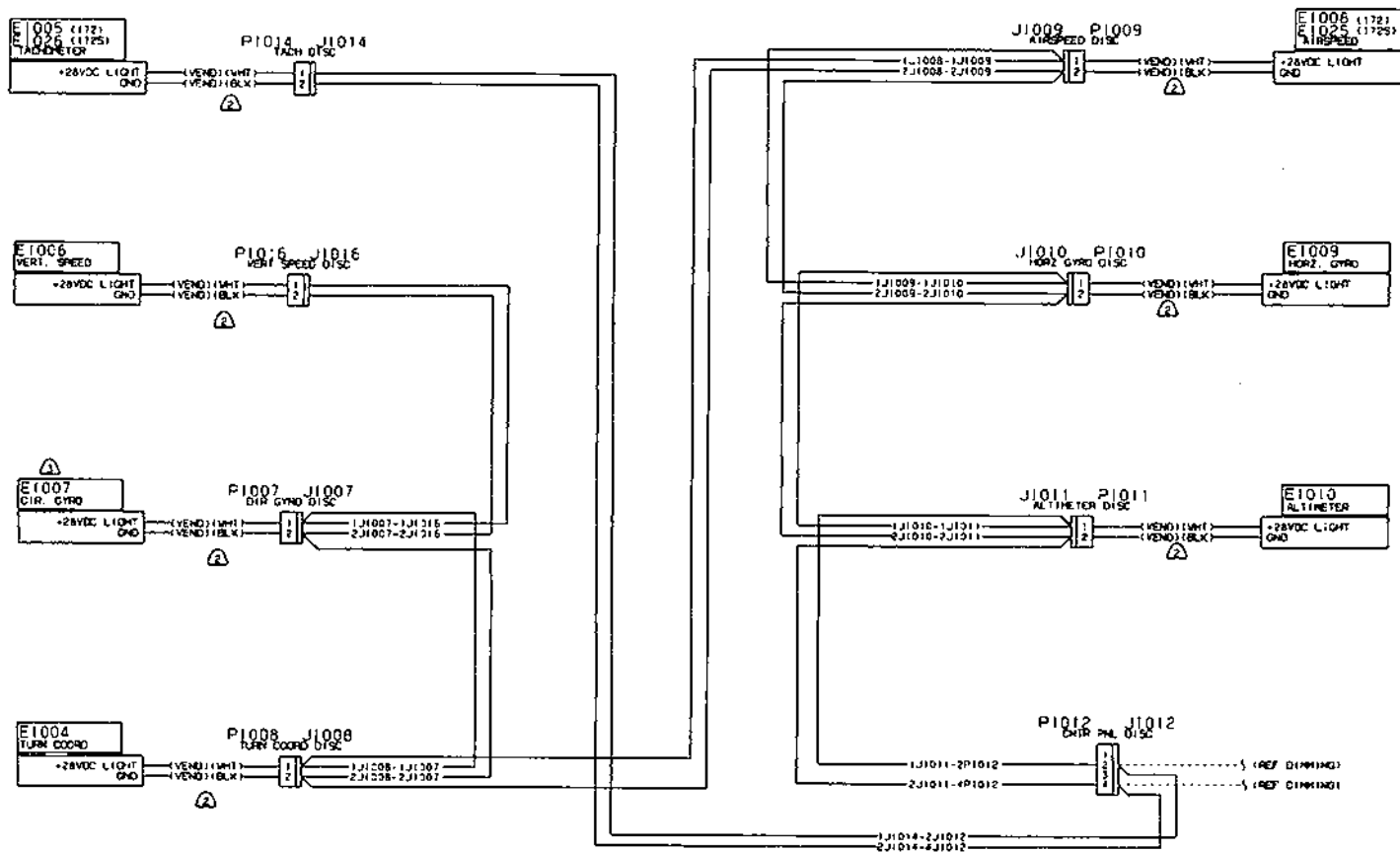
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			MAP LIGHTS		
			17280001 & ON		
			172S8001 & ON		
	A1	S1370-1	SPLICE (ZONE 211)		01 R
	HI002	CM3589-5	CIRCUIT BREAKER NAVIGATION LIGHT (ZONE 224)		01 R
	JC001	S2349-5	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S2099-4	SOCKET		AR R
	JC007	S1641-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224) .		01 R
-		S1636-1	PINS		AR R
	J1506	S1641-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 220)		01 R
-		S1636-1	SOCKET		AR R
	L1	S2521-1	MAP LIGHT CONTROL WHEEL (ZONE 222)		01 R
-		24RB	LIGHT BULB		AR R
	P1	S1640-6	CONNECTOR PILOT'S CONTROL WHEEL DISCONNECT (ZONE 222/223)		01 R
-		S1635-1	PIN		06 R
	PC001	S2350-10	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-		S2353-4	PIN		AR R
-		S2353-5	PIN		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220) .		01 R
-		S1635-1	PIN		AR R
	PF902	SK2701	CONNECTOR GROUND (ZONE 221) V28198		01 R
-		FC116N2	CONTACT		AR R
-		FC120N2	CONTACT		AR R
	R1	S2619-1	POTENTIOMETER RIGHT CONTROL WHEEL (ZONE 222)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED.
2. WIRE & CONNECTOR SUPPLIED WITH INSTRUMENT.
3. DIRECTIONAL GYRO NOT INSTALLED WITH HSI OPTION.
 REFERENCE HSI OPTION WIRING FOR LIGHTING TO HSI.



INSTRUMENT DIMMING
 FIGURE 01 (SHEET 1)

05705420:

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MODEL 172

WIRING DIAGRAM MANUAL

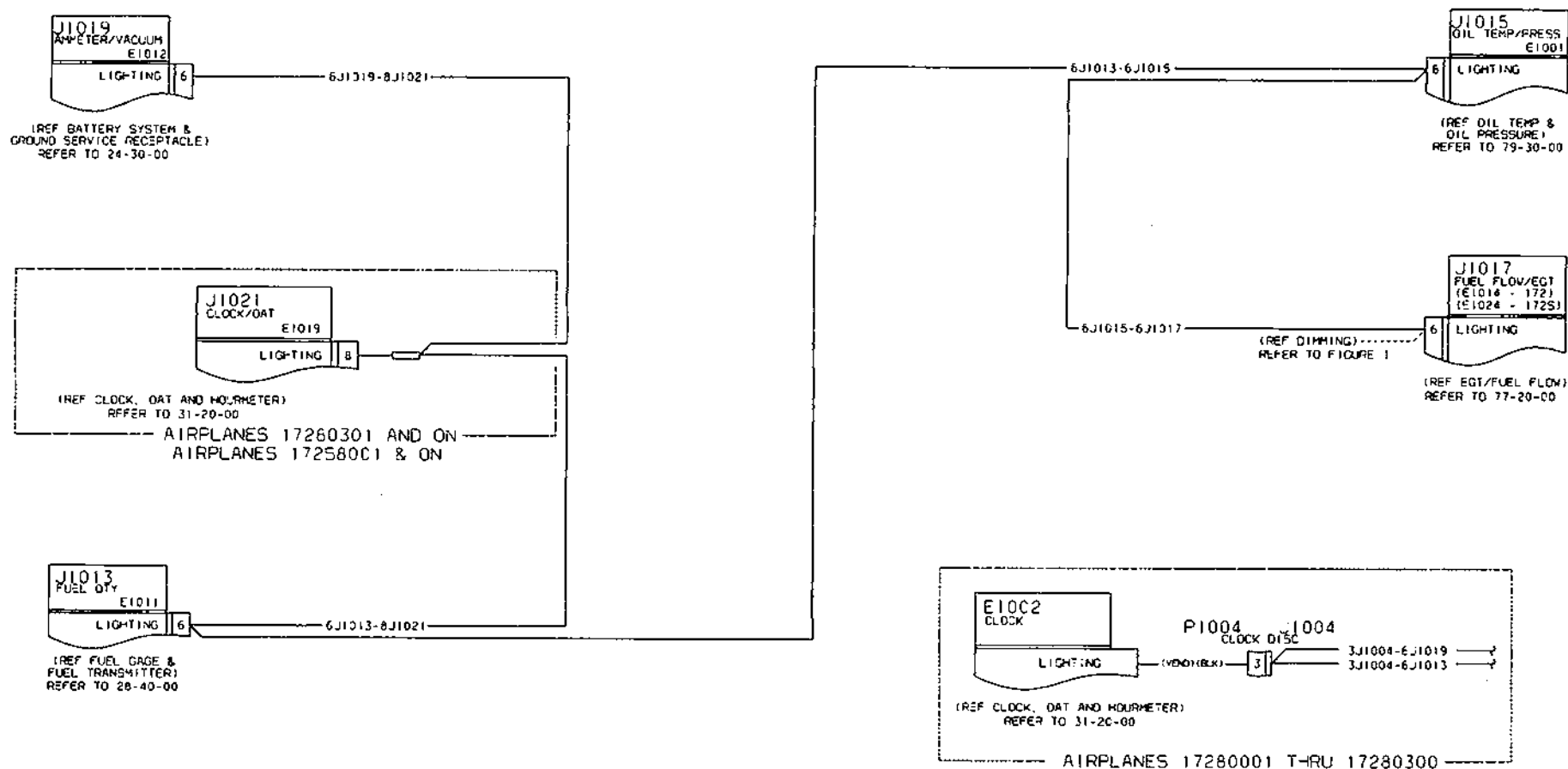
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		FLIGHT INSTRUMENT LIGHTING		
		17280001 & ON		
		172S8001 & ON		
EI004	S3291-1	INDICATOR TURN COORDINATOR (ZONE 220)	80001 81059 S8001 S8874	01 R
-	S3312-1	. . . LIGHT ASSEMBLY		01 R
EI004	1394T100-10HA	INDICATOR TURN COORDINATOR (ZONE 220)	V18006 81060 & ON S8875 & ON	01 R
EI005	S3329-1	TACHOMETER (ZONE 220)	80001 & ON	01 R
-	S3312-1	. . . LIGHT ASSEMBLY		01 R
EI005	S3329-6	TACHOMETER (ZONE 220)	S8001 & ON	01 R
EI006	S3327-1	INDICATOR VERTICLE SPEED (ZONE 220)		01 R
-	S3312-1	. . . LIGHT ASSEMBLY		01 R
EI007	S3330-1	GYRO DIRECTIONAL (ZONE 220)		01 R
-	S3312-1	. . . LIGHT ASSEMBLY		01 R
EI008	S3325-1	INDICATOR AIRSPEED (ZONE 220)		01 R
-	S3312-1	. . . LIGHT ASSEMBLY		01 R
EI009	S3326-1	GYRO HORIZONTAL (ZONE 220)		01 R
-	S3312-1	. . . LIGHT ASSEMBLY		01 R
EI010	S3328-1	ALTIMETER (ZONE 220)	80001 81117 S8001 S9121	01 R
EI010	S3827-1	ALTIMETER (ZONE 220)	81118 & ON S9122 & ON	01 R
EI025	S3325-6	INDICATOR AIRSPEED (ZONE 220)	S8001 & ON	01 R
EI025	S3325-1	INDICATOR AIRSPEED (ZONE 220)	80001 & ON	01 R
EI026	3329-5	TACHOMETER (ZONE 220)	S8001 & ON	01 R
EI026	3329-1	TACHOMETER (ZONE 220)	80001 & ON	01 R
JI007	S2035-2	CONNECTOR DIRECTIONAL GYRO (ZONE 220)		01 R
-	S1636-2	. . . SOCKETS		AR R
JI008	S2035-2	CONNECTOR TURN COORDINATOR (ZONE 220)		01 R
-	S1636-2	. . . SOCKETS		AR R
JI009	S2035-2	CONNECTOR AIRSPEED INDICATOR (ZONE 220)		01 R
-	S1636-2	. . . SOCKETS		AR R
JI010	S2035-2	CONNECTOR HORIZON GYRO (ZONE 220)		01 R
JI011	S2035-2	CONNECTOR ALTIMETER DISCONNECT (ZONE 225)		01 R
-	S1636-2	. . . SOCKETS		AR R
JI012	S1638-5	CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)		01 R
-	S1636-2	. . . SOCKETS		AR R
JI014	S2035-2	CONNECTOR TACHOMETER (ZONE 225)		01 R
-	S1636-1	. . . PINS		AR R
JI016	S2035-2	CONNECTOR VERTICAL SPEED INDICATOR (ZONE 225)		01 R
-	S1636-1	. . . PINS		AR R
PI012	S1638-4	CONNECTOR CENTER PANEL DISCONNECT (ZONE 225)		01 R
-	S1635-1	. . . PIN		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED



INSTRUMENT DIMMING
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

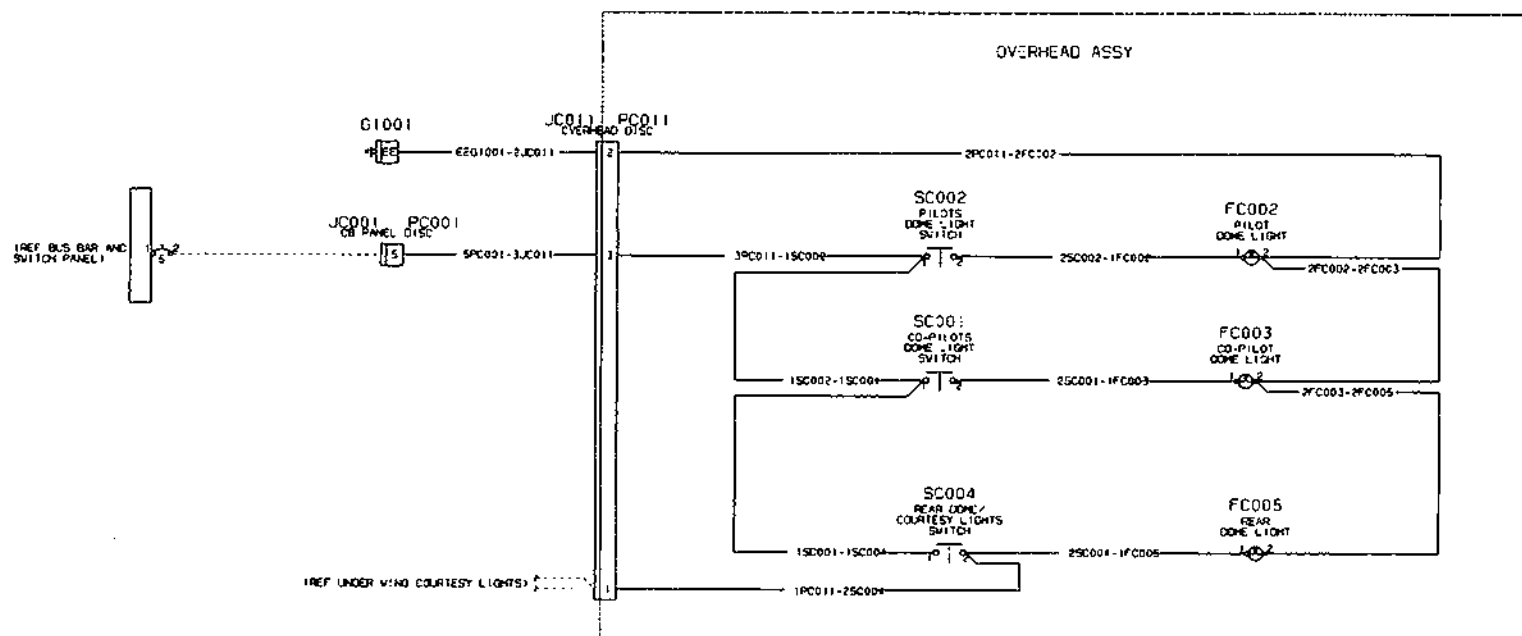
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
			1 2 3 4 5 6 7		
01			ENGINE INSTRUMENT		
			17280001 & ON		
			172S8001 & ON		
	EI001	S3279-1	. INDICATOR OIL TEMPERATURE/OIL PRESSURE (ZONE 220)		01 R
-		S3353-1	. . LIGHT ASSEMBLY		01 R
	EI002	AT432000	. INDICATOR CLOCK/OAT (ZONE 220)V65907		01 R
-		S3312-1	. . LIGHT ASSEMBLY		01 R
	EI011	S3281-2	. INDICATOR FUEL QUANTITY (ZONE 220)		01 R
	EI012	S3280-1	. INDICATOR AMMETER/VACUUM (ZONE 220)		01 R
	EI014	S3277-4	. INDICATOR EGT/FUEL FLOW (ZONE 220)	80001 80004	01 R
	EI019	AT4220C2	. CLOCK (ZONE 220)V63836	80001 80300	01 R
				S8001 S8491	
	EI024	S3277-8	. INDICATOR EGT/FUEL FLOW (ZONE 220)	S8492 & ON	01 R
	JI004	S1638-1	. CONNECTOR (ZONE 220)	80001 80300	01 R
-		S1636-1	. . PINS		AR R
-		S1636-2	. . SOCKETS		AR R
	JI013	S2349-3	. CONNECTOR FUEL QUANTITY INDICATOR (ZONE 220)		01 R
-		S2099-3	. . CONTACT		AR R
-		S2099-4	. . SOCKET		AR R
-		S2414-1	. . KEYING PLUG		AR R
	JI015	S2349-3	. CONNECTOR OIL TEMPERATURE/OIL PRESSURE INDICATOR (ZONE 220)		01 R
-		S2099-3	. . CONTACT		AR R
-		S2099-4	. . SOCKET		AR R
-		S2414-1	. . KEYING PLUG		AR R
	JI017	S2349-3	. CONNECTOR EGT/FUEL FLOW INDICATOR (ZONE 220)		01 R
-		S2099-3	. . CONTACT		AR R
-		S2099-4	. . SOCKET		AR R
-		S2414-1	. . KEYING PLUG		AR R
	JI019	S2349-3	. CONNECTOR AMMETER/VACUUM (ZONE 220)		01 R
-		S2099-4	. . SOCKET		AR R
-		S2414-1	. . KEYING PLUG		AR R
	JI021	RD9F00JVL0	. CONNECTOR CLOCK (ZONE 220)V28198		01 R
-		FC6020D	. . CONTACT		AR R
	PI004	S1638-2	. CONNECTOR CLOCK DISCONNECT	80001 80300	01 R
-		S1635-1	. . PIN		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, EXCEPT AS NOTED



INTERIOR LIGHTING
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

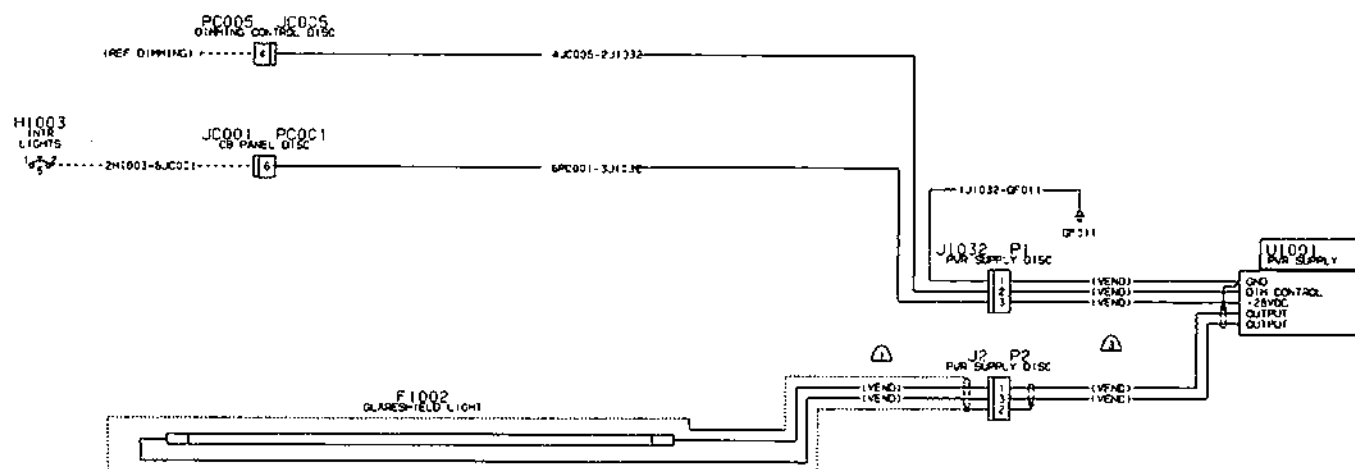
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			INTERIOR LIGHTING		
			17280001 & ON		
			172S8001 & ON		
	FC002	4595-1	. DOME LIGHT ASSEMBLY (ZONE 211)	V83564	01 R
	-	1864	. . LIGHT BULB		01 R
	FC003	4595-1	. DOME LIGHT ASSEMBLY (ZONE 211)	V83564	01 R
	-	1864	. . LIGHT BULB		01 R
	FC005	4596-1	. DOME LIGHT ASSEMBLY (ZONE 211)	V83564	01 R
	-	1864	. . LIGHT BULB		01 R
	GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
	-	203618-1	. . JACK SCREW		AR R
	-	AN340-3	. . NUT		AR R
	-	S2527-3	. . CLAMP		01 R
	-	S2099-4	. . SOCKET	80001 81142	AR R
	GI001	200838-2	. CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
	-	201846-1	. . CLAMP KIT		01 R
	-	203618-1	. . JACK SCREW		AR R
	-	AN340-3	. . NUT		AR R
	-	S2099-4	. . SOCKET	80001 81142	AR R
	-	S2099-3	. . CONTACT	81143 & ON	AR R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
	-	S2099-4	. . SOCKET		AR R
	JC011	S1638-1	. CONNECTOR OVERHEAD CONSOLE DISCONNECT (ZONE 211) .		01 R
	-	S1636-1	. . PINS		AR R
	-	S1636-2	. . SOCKETS		AR R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
	-	S2353-4	. . PIN		AR R
	-	S2353-5	. . PIN		AR R
	PC011	S1638-2	. CONNECTOR OVERHEAD CONSOLE DISCONNECT (ZONE 211) .		01 R
	-	S1635-1	. . PIN		AR R
	SC001	J20125-32	. SWITCH CO-PILOT'S DOME LIGHT (ZONE 211)	V81640	01 R
	SC002	J20125-32	. SWITCH PILOT'S DOME LIGHT (ZONE 211)		01 R
	SC004	J20125-32	. SWITCH REAR DOME/COURTESY LIGHT (ZONE 211)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. WIRE, CONNECTOR & SHIELD SUPPLIED WITH LIGHT.
2. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED.
3. WIRE & CONNECTORS SUPPLIED WITH POWER SUPPLY.
4. WIRE & CONNECTOR SUPPLIED WITH LIGHT ASSY.



FLUORESCENT GLARESHIELD LIGHTING

GLARESHIELD LIGHTING
 FIGURE 01 (SHEET 1)

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
01			GLARESHIELD LIGHTING		
			17280001 THRU 17280983		
			172S8001 THRU 172S8703		
F1002	7300248-2		LAMP GLARESHIELD CATHODE (ZONE 211)		01 R
GF011	0508001-2		GROUND STUD (ZONE 211)		01 R
HI003	S1360-5L		CIRCUIT BREAKER INTERIOR LIGHTS (ZONE 224)		01 R
J2			CONNECTOR GLARESHIELD LIGHT, SUPPLIED WITH		RF R
			GLARESHIELD LIGHT (ZONE 120)		
JC001	S2349-5		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE		01 R
			224)		
-	S2099-4		SOCKET		AR R
JC005	S1641-9		CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
-	S1636-1		PINS		AR R
J1032	S1638-1		CONNECTOR GLARESHIELD LIGHT POWER SUPPLY (ZONE 220)		01 R
-	S1636-1		SOCKETS		AR R
P1	S1638-2		CONNECTOR POWER SUPPLY		01 R
P2			CONNECTOR POWER SUPPLY, SUPPLIED WITH POWER SUPPLY		RF R
			(ZONE 211)		
PC001	S2350-10		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4		PIN		AR R
-	S2353-6		PIN		AR R
PC005	S1640-9		CONNECTOR DIMMING CONTROL MODULE DISCONNECT		01 R
			(ZONE 225)		
-	S1635-1		PIN		AR R
-	S1635-2		PIN		AR R
UI001	6900173		POWER SUPPLY (ZONE 220)	80001 80983	01 R

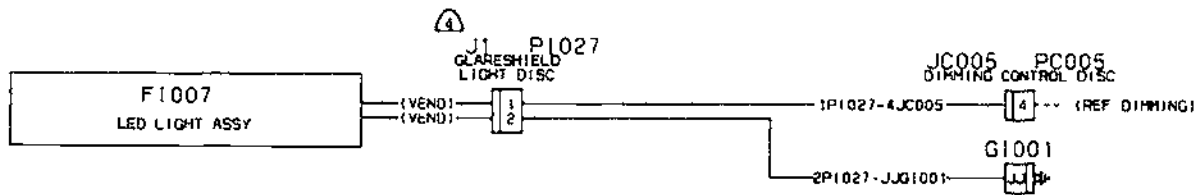
- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

2. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED.

④ WIRE & CONNECTOR SUPPLIED WITH LIGHT ASSY.



L.E.D. GLARESHIELD LIGHTING

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GLARESHIELD LIGHTING
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
02			GLARESHIELD LIGHTING		
			17280984 & ON		
			172S8704 & ON		
	F1007	7300248-1	. LIGHT GLARESHIELD (ZONE 211)	V33497	01 R
	G1001	200838-2	. CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
				S8403 & ON	
-		201846-1	. . CLAMP KIT		01 R
-		203618-1	. . JACK SCREW		AR R
-		AN340-3	. . NUT		AR R
-		S2099-4	. . SOCKET	80001 81142	AR R
-		S2099-3	. . CONTACT	81143 & ON	AR R
	J1	S2035-1	. CONNECTOR GLARESHIELD LIGHTING (ZONE 121)		01 R
	JC005	S1641-9	. CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
-		S1636-1	. . PINS		AR R
	PC005	S1640-9	. CONNECTOR DIMMING CONTROL MODULE DISCONNECT (ZONE 225)		01 R
-		S1635-1	. . PIN		AR R
-		S1635-2	. . PIN		AR R
	PI027	S2035-2	. CONNECTOR (ZONE 211)	80984 & ON	01 R
				S8704 & ON	
-		S1636-1	. . SOCKET		AR R

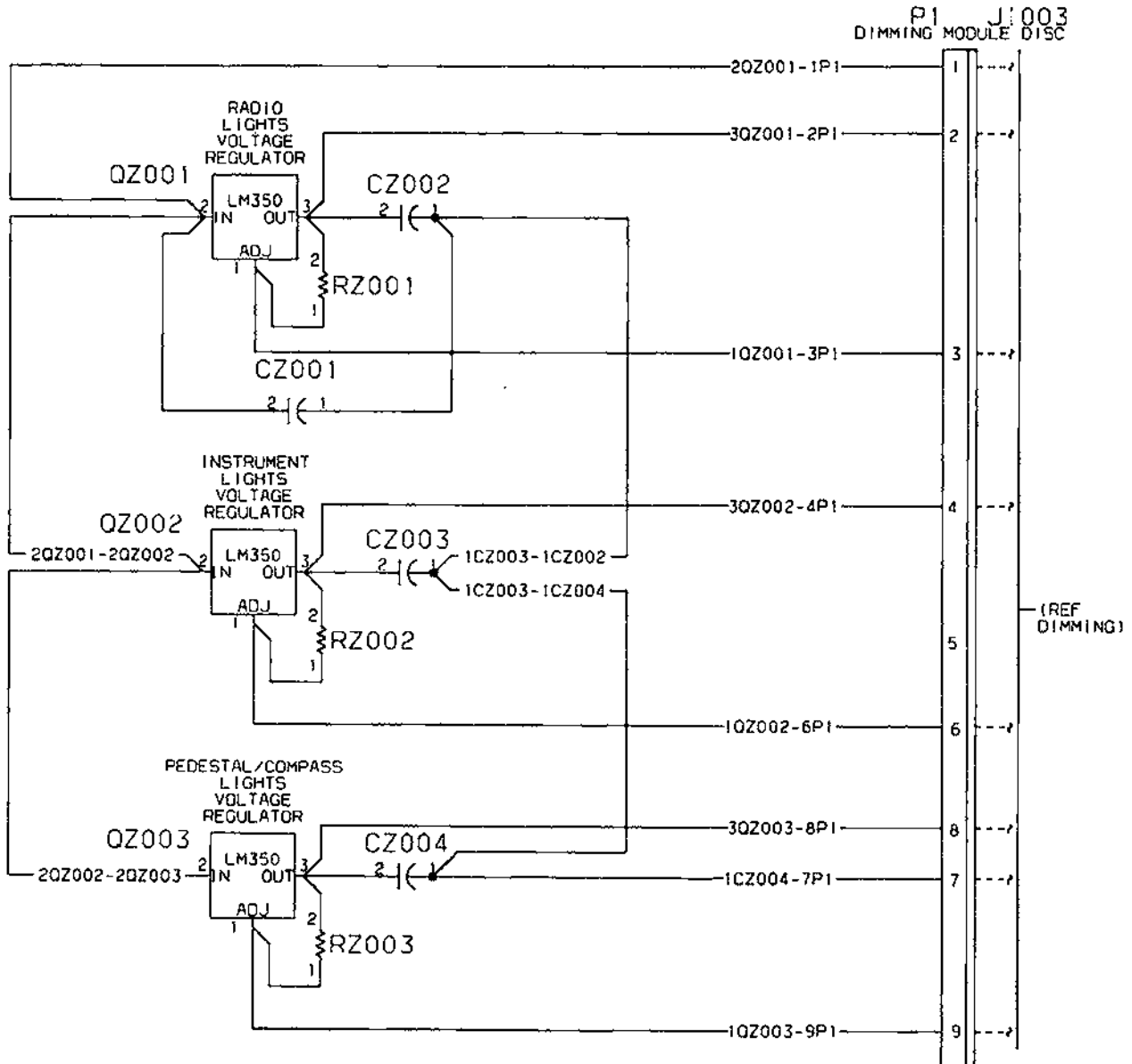
- ITEM NOT ILLUSTRATED

Figure 02
Page 1
May 5/2003

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, UNLESS OTHERWISE NOTED.



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INSTRUMENT DIMMING
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

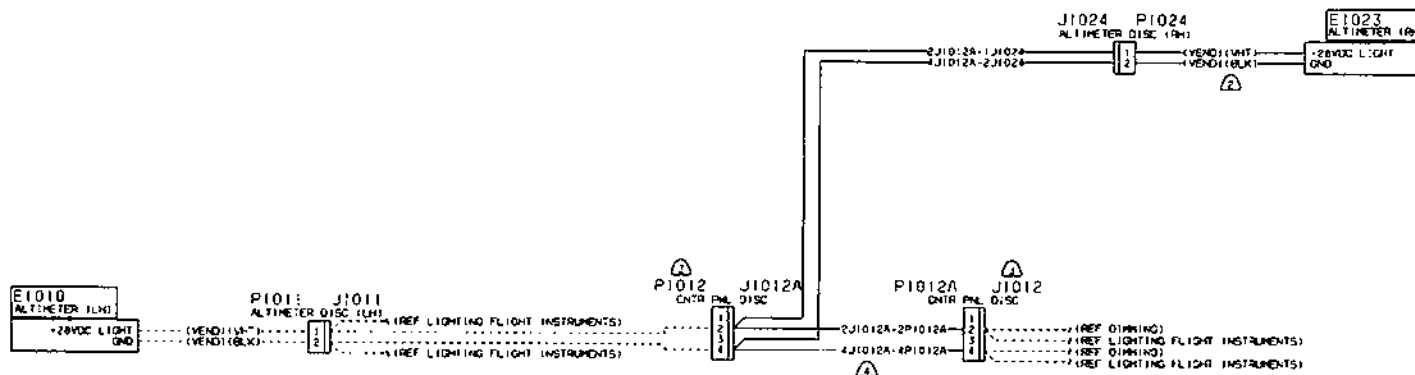
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			DIMMING CONTROL MODULE		
			17280001 & ON		
			172S8001 & ON		
	CZ001	CSR13-2356	CAPACITOR DIMMING ASSEMBLY (ZONE 225)	V37942	01 R
	CZ002	CSR13-2356	CAPACITOR DIMMING ASSEMBLY (ZONE 225)	V37942	01 R
	CZ003	CSR13-2356	CAPACITOR DIMMING ASSEMBLY (ZONE 225)	V37942	01 R
	CZ004	CSR13-2356	CAPACITOR DIMMING ASSEMBLY (ZONE 225)	V37942	01 R
	J1003	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
		S1636-1	PINS		AR R
		S1636-2	SOCKETS		AR R
	P1	S1641-9	CONNECTOR DIMMING CONTROL MODULE (ZONE 225)		01 R
		S1636-1	SOCKET		AR R
	QZ001	LM350K	REGULATOR RADIO LIGHTS VOLTAGE (ZONE 225)		01 R
	QZ002	LM350K	REGULATOR INSTRUMENT LIGHTS VOLTAGE (ZONE 225)		01 R
	QZ003	LM350K	REGULATOR PEDESTAL/COMPASS LIGHTS VOLTAGE (ZONE 225)		01 R
	RZ001	CCF-552430F	RESISTOR DIMMING ASSEMBLY (ZONE 225)	V91637 80984 & ON S8704 & ON	01 R
	RZ001	RCR20G241JP	RESISTOR DIMMING ASSEMBLY (ZONE 225)	V91637 80001 80983 S8001 S8703	01 R
		CCF-552430F	ALTERNATE FOR RCR20G241JP	V91637	01 R
		RLR20C2400JP	ALTERNATE FOR CCF-552430F		01 R
	RZ002	CCF-552430F	RESISTOR DIMMING ASSEMBLY (ZONE 225)	V91637 80984 & ON S8704 & ON	01 R
	RZ002	RCR20G241JP	RESISTOR DIMMING ASSEMBLY (ZONE 225)	V91637 80001 80983 S8001 S8703	01 R
		CCF-552430F	ALTERNATE FOR RCR20G241JP	V91637	01 R
		RLR20C2400JP	ALTERNATE FOR CCF-552430F		01 R
		RLR20C2400JS	ALTERNATE FOR RLR20C2400JP		01 R
	RZ003	CCF-552430F	RESISTOR DIMMING ASSEMBLY (ZONE 225)	V91637 80984 & ON S8704 & ON	01 R
	RZ003	RCR20G241JP	RESISTOR DIMMING ASSEMBLY (ZONE 225)	V91637 80001 80983 S8001 S8703	01 R
		CCF-552430F	ALTERNATE FOR RCR20G241JP	V91637	01 R
		RLR20C2400JP	ALTERNATE FOR CCF-552430F		01 R
		RLR20C2400JS	ALTERNATE FOR RLR20C2400JP		01 R
	ZC001	1570301-4	MODULE DIMMING (ZONE 211)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. UNLESS OTHERWISE NOTED
2. WIRE & CONNECTOR SUPPLIED WITH INSTRUMENT.
3. DISCONNECT P1012 FROM J1012 ON STANDARD FUSELAGE BUNDLE AND INSTALL 2ND ALTIMETER WIRE BUNDLE ASSY JUMPER AS SHOWN
4. WIRES 2-J1012A-2P1012A AND 4-J1012A-4P1012A SHALL BE NO MORE THAN 4 INCHES IN LENGTH



SECOND ALTIMETER OPTION
 FIGURE 01 (SHEET 1)

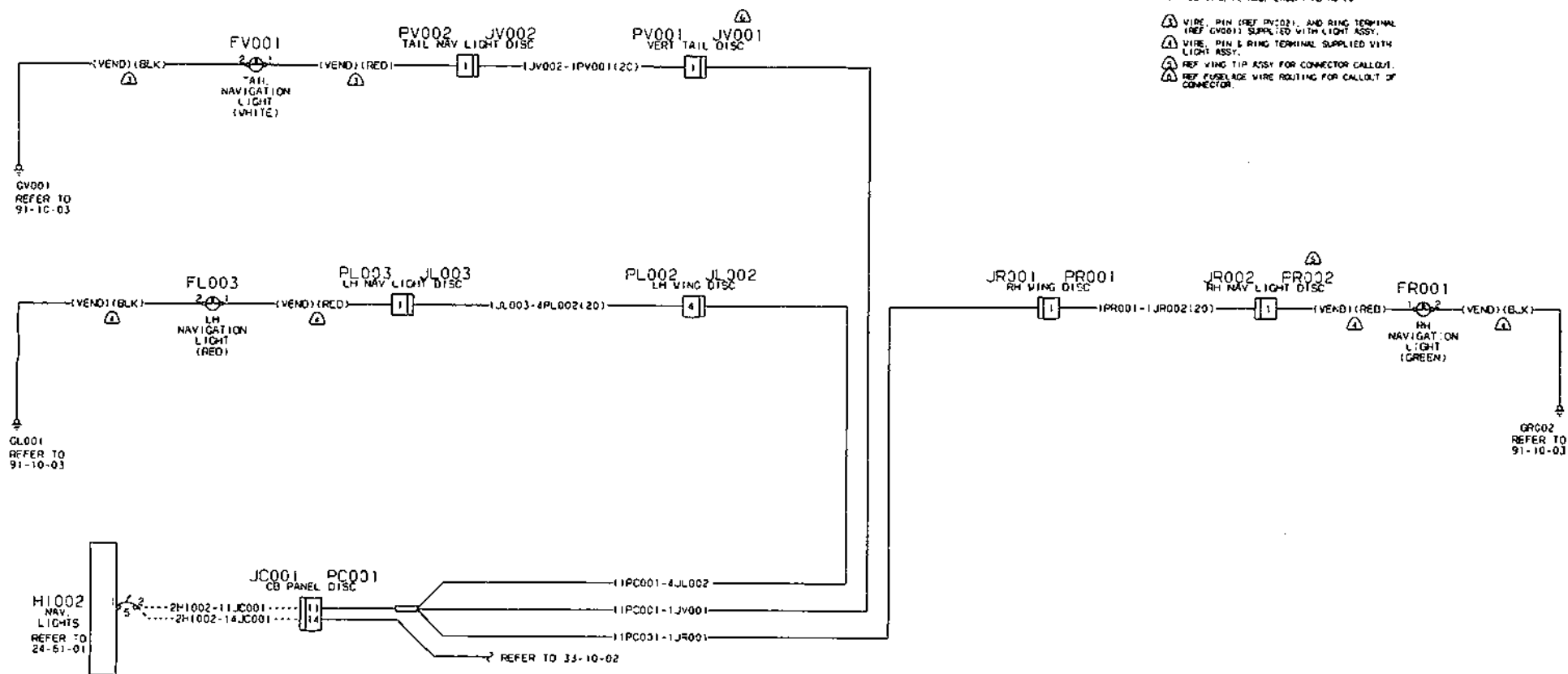
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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			SECOND ALTIMETER OPTION LIGHTING 17280001 & ON 172S8001 & ON		
	EI010	S3328-1	. ALTIMETER (ZONE 220)	80001 81117 S8001 S9121	01 R
	EI010	S3827-1	. ALTIMETER (ZONE 220)	81118 & ON S9122 & ON	01 R
	EI023	S3371-1	. ALTIMETER RIGHT SECOND (ZONE 220)		01 R
	JI011	S2035-2	. CONNECTOR ALTIMETER DISCONNECT (ZONE 225)		01 R
-		S1636-2	. . SOCKETS		AR R
	JI012	S1638-5	. CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)		01 R
-		S1636-2	. . SOCKETS		AR R
	JI012A	S1638-6	. CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)	80147 80148	01 R
-		S1636-2	. . SOCKETS		AR R
	JI012	S1638-6	. CONNECTOR CENTER INSTRUMENT PANEL DISCONNECT (ZONE 220)	80004 & ON S8001 & ON	01 R
	JI024	S2035-2	. CONNECTOR ALTIMETER DISCONNECT		01 R
	PI012	S1638-4	. CONNECTOR CENTER PANEL DISCONNECT (ZONE 225)		01 R
-		S1635-1	. . PIN		AR R
	PI012A	S1638-4	. CONNECTOR CENTER PANEL DISCONNECT (ZONE 225)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22 AWG, EXCEPT AS NOTED

- ⚠ WIRE, PIN (REF PV001), AND RING TERMINAL (REF GV001) SUPPLIED WITH LIGHT ASSY.
- ⚠ WIRE, PIN & RING TERMINAL SUPPLIED WITH LIGHT ASSY.
- ⚠ REF WING TIP ASSY FOR CONNECTOR CALLOUT.
- ⚠ REF FUSELAGE WIRE ROUTING FOR CALLOUT OF CONNECTOR.

NAVIGATION LIGHTS
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			NAVIGATION LIGHTS		
			17280001 & ON		
			172S8001 & ON		
FL003		C622001-0201	.. LIGHT ASSEMBLY NAVIGATION (ZONE 520)		01 R
-		34-0428020-65	.. ALTERNATE FOR A-7512-24	V10402	01 R
-		A1257A	.. GASKET	V72914	01 R
-		A1280-2	.. LENS	V72914	01 R
-		A-7512-24	.. ALTERNATE FOR MS25309-7512	V72914	01 R
-		MS25309-7512	.. LIGHT BULB		01 R
FR001		C622001-0201	.. LIGHT ASSEMBLY NAVIGATION (ZONE 620)		01 R
-		34-0428020-65	.. ALTERNATE FOR A-7512-24		01 R
-		A1257A	.. GASKET	V72914	01 R
-		A1280-2	.. LENS	V72914	01 R
-		A-7512-24	.. ALTERNATE FOR MS25309-7512	V72914	01 R
-		MS25309-7512	.. LIGHT BULB		01 R
FV001		C622001-0102	.. LIGHT ASSEMBLY NAVIGATION (ZONE 340)		01 R
-		1777	.. LIGHT BULB		01 R
-		307	.. LIGHT BULB ALTERNATE FOR 1777		01 R
GL001			.. CONNECTOR GROUND (ZONE 520)		RF R
GR002			.. CONNECTOR GROUND (ZONE 620)		RF R
GV001			.. CONNECTOR GROUND (ZONE 340)		RF R
HI002		CM3589-5	.. CIRCUIT BREAKER NAVIGATION LIGHT (ZONE 224)		01 R
JC001		S2349-5	.. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S2099-4	.. SOCKET		AR R
JL002		S1641-9	.. CONNECTOR (ZONE 510)		01 R
-		S1636-1	.. SOCKET		AR R
-		S1636-2	.. SOCKET		AR R
JL003		S1637-2	.. CONNECTOR (ZONE 520)		01 R
-		S1636-1	.. SOCKET		AR R
JR001		S1641-9	.. CONNECTOR (ZONE 610)		01 R
-		S1636-1	.. SOCKET		AR R
-		S1636-2	.. SOCKET		AR R
JR002		S1637-2	.. CONNECTOR NAVIGATION LIGHT (ZONE 620)		01 R
-		S1636-1	.. SOCKET		AR R
JV001		S1637-2	.. CONNECTOR (ZONE 340)		01 R
-		S1636-1	.. SOCKET		AR R
JV002		S1637-2	.. CONNECTOR NAVIGATION LIGHT (ZONE 340)		01 R
-		S1636-1	.. SOCKET		AR R
PC001		S2350-10	.. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-		S2353-4	.. PIN		AR R
-		S2353-5	.. PIN		AR R
PL002		S1640-9	.. CONNECTOR LEFT FUEL TRANSMITTER (ZONE 510)		01 R
-		S1635-1	.. CONTACT		AR R
-		S1635-2	.. CONTACT		AR R
PL003		S1637-1	.. CONNECTOR LEFT NAVIGATION LIGHT		01 R
PR001		S1640-9	.. CONNECTOR RIGHT WING DISCONNECT (ZONE 610)		01 R
-		S1635-1	.. CONTACT		AR R
-		S1635-2	.. CONTACT		AR R
PR002		S1637-1	.. CONNECTOR RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)		01 R
PV001		S1637-1	.. CONNECTOR VERTICAL TAIL NAVIGATION LIGHT DISCONNECT (ZONE 340)		01 R
-		S1635-1	.. CONTACT		AR R
PV002		S1637-1	.. CONNECTOR NAVIGATION LIGHT (ZONE 340)		01 R
-		S1635-1	.. CONTACT		AR R

- ITEM NOT ILLUSTRATED

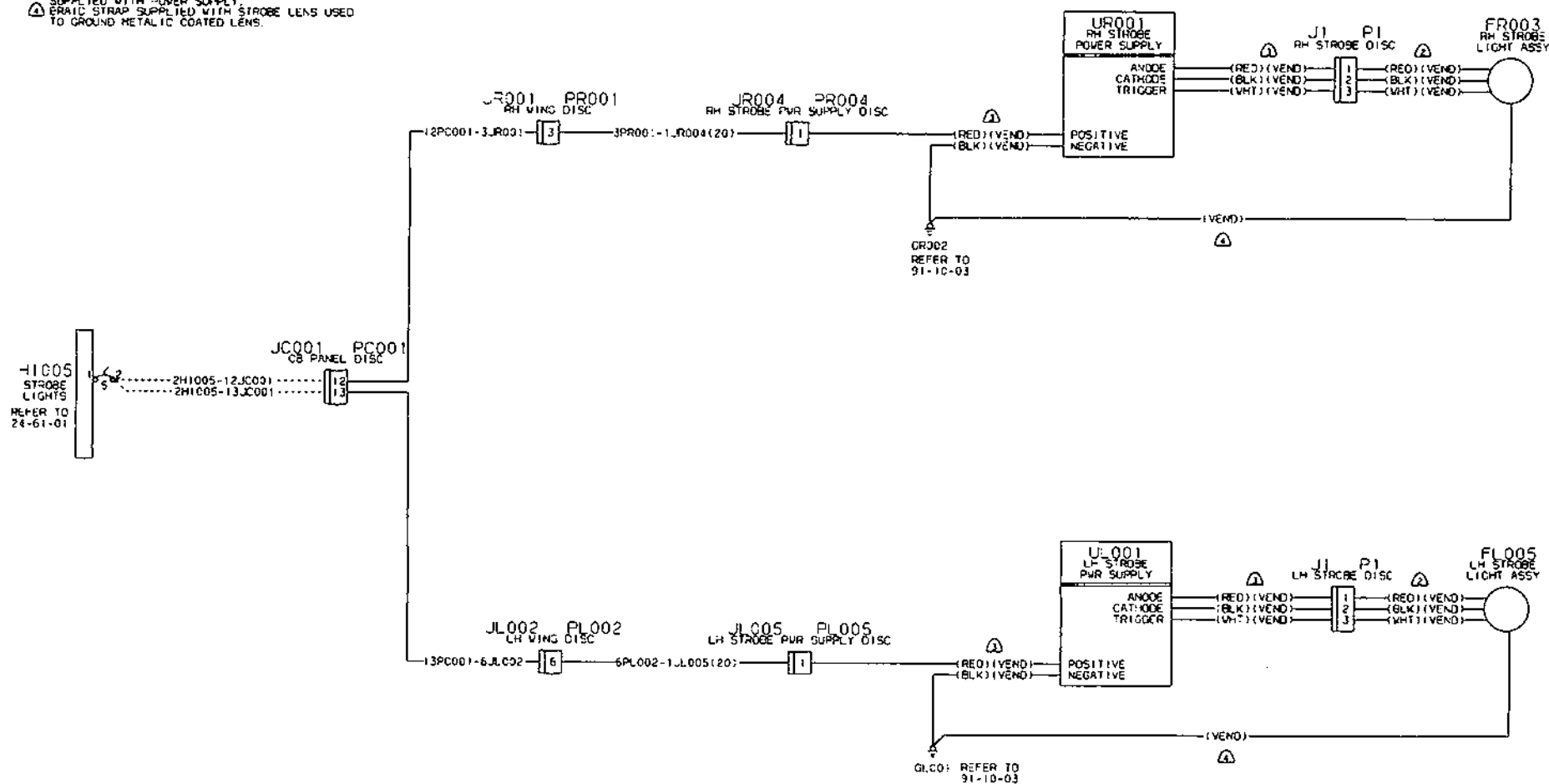
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. EXCEPT AS NOTED
- ⚠ WIRE & CONNECTOR SUPPLIED WITH LIGHT ASSY.
- ⚠ WIRE, CONNECTORS AND GND RING TERMINAL SUPPLIED WITH POWER SUPPLY
- ⚠ BRAC STRAP SUPPLIED WITH STROBE LENS USED TO GROUND METALIC COATED LENS.



STROBE LIGHTS
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			1234567		
			STROBE LIGHTS		
			17280001 & ON		
			172S8001 & ON		
	FL005	C622003-0101	. LIGHT ASSEMBLY STROBE (ZONE 520)		01 R
-		1520006-1	. . SPACER		01 R
-		C622003-0104	. . LENS		01 R
-		C622006-0101	. . STROBE TUBE AND LENS ASSEMBLY		01 R
	FR003	C622003-0101	. LIGHT ASSEMBLY STROBE (ZONE 620)		01 R
-		1520006-1	. . SPACER		01 R
-		C622003-0104	. . LENS		01 R
-		C622006-0101	. . STROBE TUBE AND LENS ASSEMBLY		01 R
	HI005	CM3589-5	. CIRCUIT BREAKER STROBE LIGHT (ZONE 224)		01 R
	J1	S1638-2	. CONNECTOR STROBE LIGHT POWER SUPPLY (ZONE 520)		01 R
-		S1635-1	. . PINS		AR R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S2099-4	. . SOCKET		AR R
	JL002	S1641-9	. CONNECTOR (ZONE 510)		01 R
-		S1636-1	. . SOCKET		AR R
-		S1636-2	. . SOCKET		AR R
	JL005	S1637-2	. CONNECTOR (ZONE 520)		01 R
-		S1636-1	. . SOCKET		AR R
	JR001	S1641-9	. CONNECTOR (ZONE 610)		01 R
-		S1636-1	. . SOCKET		AR R
-		S1636-2	. . SOCKET		AR R
	JR004	S1637-2	. CONNECTOR (ZONE 620)		01 R
-		S1636-1	. . SOCKET		AR R
	P1	S1638-2	. CONNECTOR POWER SUPPLY		01 R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-		S2353-4	. . PIN		AR R
-		S2353-5	. . PIN		AR R
	PL002	S1640-9	. CONNECTOR LEFT FUEL TRANSMITTER (ZONE 510)		01 R
-		S1635-1	. . CONTACT		AR R
-		S1635-2	. . CONTACT		AR R
	PL005	S1637-1	. CONNECTOR LEFT STROBE LIGHT POWER SUPPLY DISCONNECT (ZONE 510)		01 R
	PR001	S1640-9	. CONNECTOR RIGHT WING DISCONNECT (ZONE 610)		01 R
-		S1635-1	. . CONTACT		AR R
-		S1635-2	. . CONTACT		AR R
	PR004	S1637-1	. CONNECTOR RIGHT STROBE LIGHT POWER SUPPLY (ZONE 620)		01 R
	UL001	C622008-0102	. POWER SUPPLY STROBE (ZONE 520) V10402		01 R
	UR001	C622008-0102	. POWER SUPPLY STROBE (ZONE 620) V10402		01 R

- ITEM NOT ILLUSTRATED

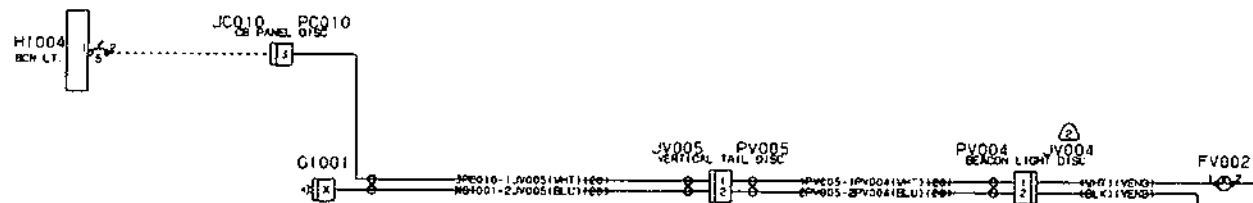
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG, EXCEPT AS NOTED
2. WIRE & CONNECTOR SUPPLIED WITH LIGHT



FLASHING BEACON
FIGURE 01 (SHEET 1)

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

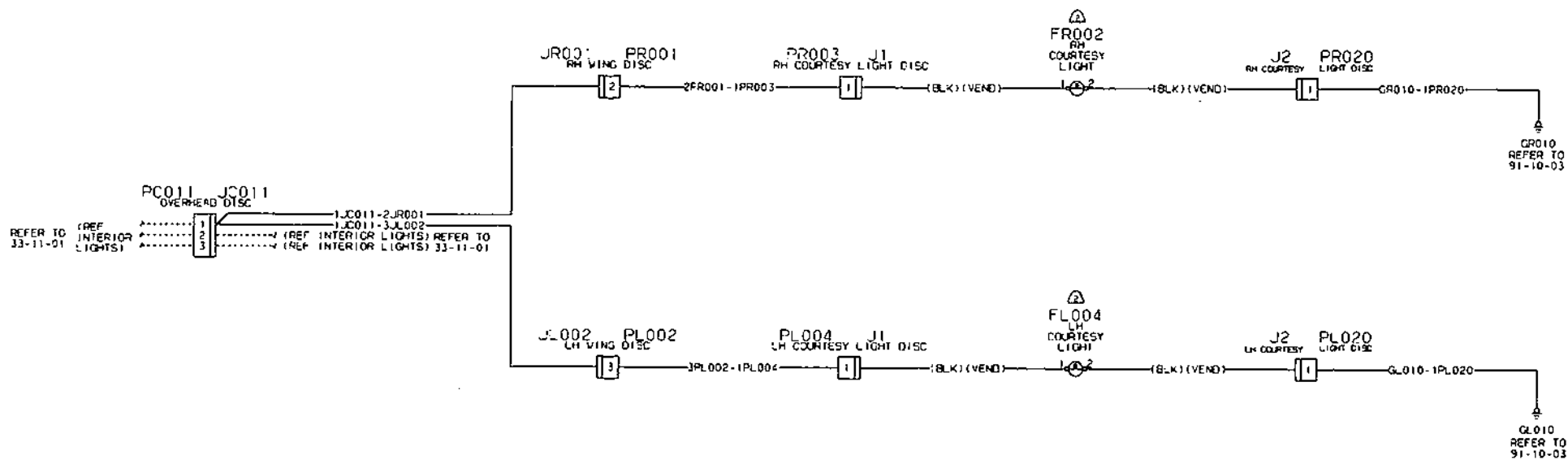
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
			1 2 3 4 5 6 7		
01			FLASHING BEACON		
			17280001 & ON		
			172S8001 & ON		
FV002	01-0770509-07		LIGHT ASSEMBLY FLASHING BEACON (ZONE 340)	V10402	01 R
-	02-0350433-01		LIGHT BULB		01 R
GI001	S2527-1		CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
-	203618-1		JACK SCREW		AR R
-	AN340-3		NUT		AR R
-	S2527-3		CLAMP		01 R
-	S2099-4		SOCKET	80001 81142	AR R
GI001	200838-2		CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
				S8403 & ON	
-	201846-1		CLAMP KIT		01 R
-	203618-1		JACK SCREW		AR R
-	AN340-3		NUT		AR R
-	S2099-4		SOCKET	80001 81142	AR R
-	S2099-3		CONTACT	81143 & ON	AR R
HI004	CM3589-5		CIRCUIT BREAKER BEACON LIGHT (ZONE 224)		01 R
JC010	S1641-6		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S1636-2		SOCKETS		AR R
JV004	S2035-2		CONNECTOR (ZONE 340)		01 R
JV005	S2035-2		CONNECTOR (ZONE 310)		01 R
-	S1636-1		SOCKET		AR R
PC010	S1640-6		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S1635-1		PIN		AR R
-	S1635-2		PIN		AR R
PV004	S2035-1		CONNECTOR BEACON LIGHT DISCONNECT (ZONE 340)		01 R
-	S1635-1		CONTACT		AR R
PV005	S2035-1		CONNECTOR VERTICAL TAIL DISCONNECT (ZONE 340)		01 R
-	S1635-1		CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

- 1. ALL WIRE 22AWG, EXCEPT AS NOTED
- 2. WIRE & CONNECTORS SUPPLIED WITH LIGHT ASSY



COURTESY LIGHTS
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

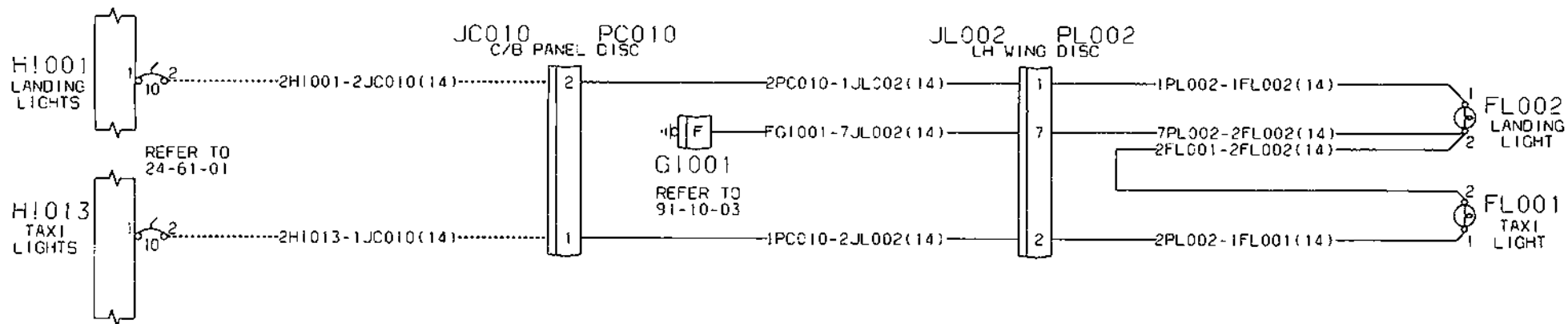
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1234567		
01		COURTESY LIGHTS		
		17280001 & ON		
		172S8001 & ON		
FL004	0521101-7	. LIGHT ASSEMBLY LEFT COURTESY (ZONE 510)		01 R
-	MS15584-15	. . LIGHT BULB		01 R
FR002	0521101-7	. LIGHT ASSEMBLY RIGHT COURTESY (ZONE 610)		01 R
-	MS15584-15	. . LIGHT BULB		01 R
J1	S1637-2	. CONNECTOR COURTESY LIGHT (ZONE 121)		02 R
J2		. CONNECTOR COURTESY LIGHT GROUND DISCONNECT (ZONE 121)		RF R
JC011	S1638-1	. CONNECTOR OVERHEAD CONSOLE DISCONNECT (ZONE 211) .		01 R
-	S1636-1	. . PINS		AR R
-	S1636-2	. . SOCKETS		AR R
JL002	S1641-9	. CONNECTOR (ZONE 510)		01 R
-	S1636-1	. . SOCKET		AR R
-	S1636-2	. . SOCKET		AR R
JR001	S1641-9	. CONNECTOR (ZONE 610)		01 R
-	S1636-1	. . SOCKET		AR R
-	S1636-2	. . SOCKET		AR R
PC011	S1638-2	. CONNECTOR OVERHEAD CONSOLE DISCONNECT (ZONE 211) .		01 R
-	S1635-1	. . PIN		AR R
PL002	S1640-9	. CONNECTOR LEFT FUEL TRANSMITTER (ZONE 510)		01 R
-	S1635-1	. . CONTACT		AR R
-	S1635-2	. . CONTACT		AR R
PL004	S1637-1	. CONNECTOR LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		01 R
-	S1635-1	. . PIN		AR R
PL020	S1637-1	. CONNECTOR LEFT COURTESY LIGHT GROUND DISCONNECT (ZONE 510)		01 R
-	S1635-1	. . PIN		AR R
PR001	S1640-9	. CONNECTOR RIGHT WING DISCONNECT (ZONE 610)		01 R
-	S1635-1	. . CONTACT		AR R
-	S1635-2	. . CONTACT		AR R
PR003	S1637-1	. CONNECTOR RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		01 R
-	S1635-1	. . CONTACT		AR R
PR020	S1637-1	. CONNECTOR RIGHT COURTESY LIGHT GROUND DISCONNECT (ZONE 610)		01 R
-	S1635-1	. . CONTACT		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRES 22AWG, EXCEPT AS NOTED



LANDING AND TAXI LIGHTS
 FIGURE 01 (SHEET 1)

051015001

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			LANDING AND TAXI LIGHTS		
			17280001 & ON		
			172S8001 & ON		
	FL001	1221059-7	TAXI LIGHT ASSEMBLY (ZONE 520)	80001 81142	01 R
				S8001 S9288	
-		34-0750707-00	.. LIGHT BULB ALTERNATE FOR 4626		01 R
-		4587	.. LIGHT BULB		01 R
-		4626	.. LIGHT BULB ALTERNATE FOR 4587		01 R
	FL001	1221059-9	TAXI LIGHT ASSEMBLY (ZONE 520)	81143 & ON	01 R
				S9288 & ON	
-		34-0750707-00	.. LIGHT BULB ALTERNATE FOR 4626		01 R
-		4626	.. LIGHT BULB		01 R
	FL002	0523118-1	LANDING LIGHT ASSEMBLY (ZONE 520)	80001 81142	01 R
				S8001 S9288	
-		4587	.. LIGHT BULB		01 R
-		4594	.. LIGHT BULB ALTERNATE FOR 4596		01 R
-		4596	.. LIGHT BULB ALTERNATE FOR 4587		01 R
	GI001	S2527-1	CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
-		203618-1	.. JACK SCREW		AR R
-		AN340-3	.. NUT		AR R
-		S2527-3	.. CLAMP		01 R
-		S2099-4	.. SOCKET	80001 81142	AR R
	GI001	200838-2	CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON	01 R
				S8403 & ON	
-		201846-1	.. CLAMP KIT		01 R
-		203618-1	.. JACK SCREW		AR R
-		AN340-3	.. NUT		AR R
-		S2099-4	.. SOCKET	80001 81142	AR R
-		S2099-3	.. CONTACT	81143 & ON	AR R
	HI001	CM3589-10	CIRCUIT BREAKER LANDING LIGHT (ZONE 224)		01 R
	HI013	CM3589-10	CIRCUIT BREAKER TAXI LIGHT (ZONE 224)		01 R
	JC010	S1641-6	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S1636-2	.. SOCKETS		AR R
	JL002	S1641-9	CONNECTOR (ZONE 510)		01 R
-		S1636-1	.. SOCKET		AR R
-		S1636-2	.. SOCKET		AR R
	PC010	S1640-6	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-		S1635-1	.. PIN		AR R
-		S1635-2	.. PIN		AR R
	PL002	S1640-9	CONNECTOR LEFT FUEL TRANSMITTER (ZONE 510)		01 R
-		S1635-1	.. CONTACT		AR R
-		S1635-2	.. CONTACT		AR R

- ITEM NOT ILLUSTRATED

CHAPTER

34

NAVIGATION

CESSNA AIRCRAFT COMPANY
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WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>		<u>NUMBER OF PAGES</u>	<u>DATE</u>
34-Title		1	
34-List of Effective Pages		2	Jan 20/2006
34-Record of Revisions		1	
34-Contents		1	Jan 20/2006
34-10-01	Figure 01	2	Jan 20/2006 Added
34-20-00	Figure 01	2	Jan 20/2006 Deleted
	Figure 02	2	Jan 20/2006 Deleted
34-20-01	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
34-20-02	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
34-20-03	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006 Added
34-20-04	Figure 01	2	Jan 20/2006 Added
34-20-05	Figure 01	4	Jan 20/2006 Added
34-21-01	Figure 01	2	Jan 20/2006
34-40-00	Figure 01	2	Jan 20/2006 Deleted
34-40-01	Figure 01	2	Jan 20/2006 Added
34-40-02	Figure 01	2	Jan 20/2006 Deleted
34-50-01	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
34-50-10	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
	Figure 03	2	Jan 20/2006
34-50-11	Figure 01	4	Jan 20/2006
	Figure 02	2	Jan 20/2006
34-50-12	Figure 01	4	Jan 20/2006
	Figure 02	4	Jan 20/2006
	Figure 03	2	Jan 20/2006
34-50-13	Figure 01	6	Jan 20/2006
34-50-17	Figure 01	2	Jan 20/2006 Added
34-50-20	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
	Figure 03	2	Jan 20/2006
34-51-00	Figure 01	2	Jan 20/2006 Deleted
	Figure 02	2	Jan 20/2006 Deleted
34-51-01	Figure 01	2	Jan 20/2006 Added
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
34-51-02	Figure 01	2	Jan 20/2006 Added
34-52-20	Figure 01	2	Jan 20/2006
	Figure 02	2	Jan 20/2006
34-52-21	Figure 01	2	Jan 20/2006
34-52-22	Figure 01	4	Jan 20/2006
	Figure 02	2	Jan 20/2006 Deleted
34-52-23	Figure 01	4	Jan 20/2006
	Figure 02	2	Jan 20/2006

34 - EFFECTIVITIES

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>		<u>NUMBER OF PAGES</u>	<u>DATE</u>
34-52-24	Figure 01	2	Jan 20/2006
34-52-25	Figure 01	4	Jan 20/2006 Added
34-52-26	Figure 01	4	Jan 20/2006 Added
34-52-27	Figure 01	2	Jan 20/2006 Added
34-53-00	Figure 01	2	Jan 20/2006 Deleted
	Figure 02	2	Jan 20/2006 Deleted
34-53-01	Figure 01	2	Jan 20/2006 Added
	Figure 02	2	Jan 20/2006 Added
	Figure 03	2	Jan 20/2006 Added
34-53-02	Figure 01	2	Jan 20/2006 Added

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

RECORD OF REVISIONS

[illegible]

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY START END</u>
KMD-540 MULTIFUNCTION DISPLAY-NAV II	34-20-00	01	
KMD-540 MULTIFUNCTION DISPLAY-NAV II	34-20-00	02	
KCS-55A HORIZONTAL SITUATION INDICATOR-NAV II	34-20-01	01	
KCS-55A HORIZONTAL SITUATION INDICATOR-NAV II, ADF, MFD	34-20-01	02	
FLUX DETECTOR	34-20-02	01	
FLUX DETECTOR	34-20-02	02	
KRD-510 FLIGHT INFORMATION SYSTEM PROVISIONS	34-20-03	01	
TURN COORDINATOR	34-21-01	01	
KGP-560 EGPWS PROVISIONS	34-40-00	01	
NAVIGATION ANTENNA	34-50-01	01	
NAVIGATION ANTENNA	34-50-01	02	
KX-155A NAV/COMM #1-STANDARD	34-50-10	01	
KX-155A NAV/COMM #1-STANDARD	34-50-10	02	
KX-155A NAV/COMM #1-STANDARD	34-50-10	03	
KX-155A NAV/COMM #1-NAV I	34-50-11	01	
KX-155A NAV/COMM #1-NAV I, NAV I W/ADF, NAV II, NAV II ADF, MFD	34-50-11	02	
KX-155A NAV/COMM #1-NAV II	34-50-12	01	
KX-155A NAV/COMM #1-NAV II W/HSI, ADF, MFD	34-50-12	02	
KX-165A NAV/COMM #1-NAV II W/HSI	34-50-12	03	
KX-155A NAV/COMM #1-NAV II W/HSI	34-50-13	01	
KX-155 NAV/COMM #2 W/KI208 INDICATOR	34-50-20	01	
KX-155A NAV/COMM #2-NAV I, NAV II, NAV II W/HSI	34-50-20	02	
KX-155A NAV/COMM #2-NAV I, NAV I W/ADF, NAV II	34-50-20	03	
KR-87 AUTOMATIC DIRECTION FINDER-NAV I AND NAV II	34-51-00	01	
KR-87 AUTOMATIC DIRECTION FINDER-NAV I, NAV II	34-51-00	02	
KLN-89 GLOBAL POSITIONING SYSTEM	34-52-20	01	
KLN-89 GLOBAL POSITIONING SYSTEM	34-52-20	02	
KLN-89B GLOBAL POSITIONING SYSTEM	34-52-21	01	
KLN-89B GLOBAL POSITIONING SYSTEM W/HSI	34-52-22	01	
KT-76C TRANSPONDER	34-52-22	02	
KLN-94 GLOBAL POSITIONING SYSTEM	34-52-23	01	
KLN-94 GLOBAL POSITIONING SYSTEM	34-52-23	02	
KLN-94 GLOBAL POSITIONING SYSTEM	34-52-24	01	
KT-76C TRANSPONDER	34-53-00	01	
KT-76C TRANSPONDER	34-53-00	02	

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG UNLESS OTHERWISE NOTED
2. PART OF ALLIED SIGNAL KIT 050-03605-0000



MULTIFUNCTION DISPLAY - NAV II
 FIGURE 01 (SHEET 1)

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MODEL 172
WIRING DIAGRAM MANUAL

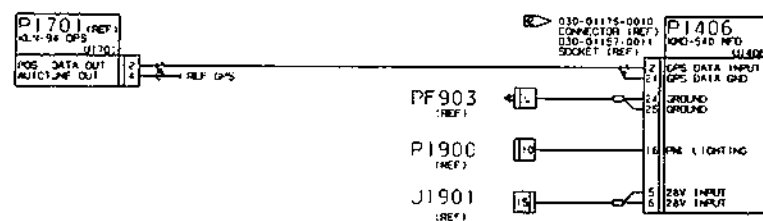
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			KMD-540 MULTIFUNCTION DISPLAY-NAV II 17280984 THRU 17281097 172S8704 THRU 172S9062		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-		S2353-5	PIN		AR R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
-		FC120N2	CONTACT	V28198	AR R
	PI406	050-03605-0000	CONNECTOR KIT MFD		01 R
	PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225)		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-		LMD6106P	BUSSING MODULE	V49367	01 R
-		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	UI406		MFD KMD-540		RF R
	UI701	069-01034-0101	RECEIVER GPS (ZONE 225)	V22373 17280978& ON 172S8704& ON	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
 2. PART OF HONEYWELL KMD-540 MFD INSTL KIT 050-03605-0000



KMD-540 MULTIFUNCTION DISPLAY-NAV II
 FIGURE 02 (SHEET 1)

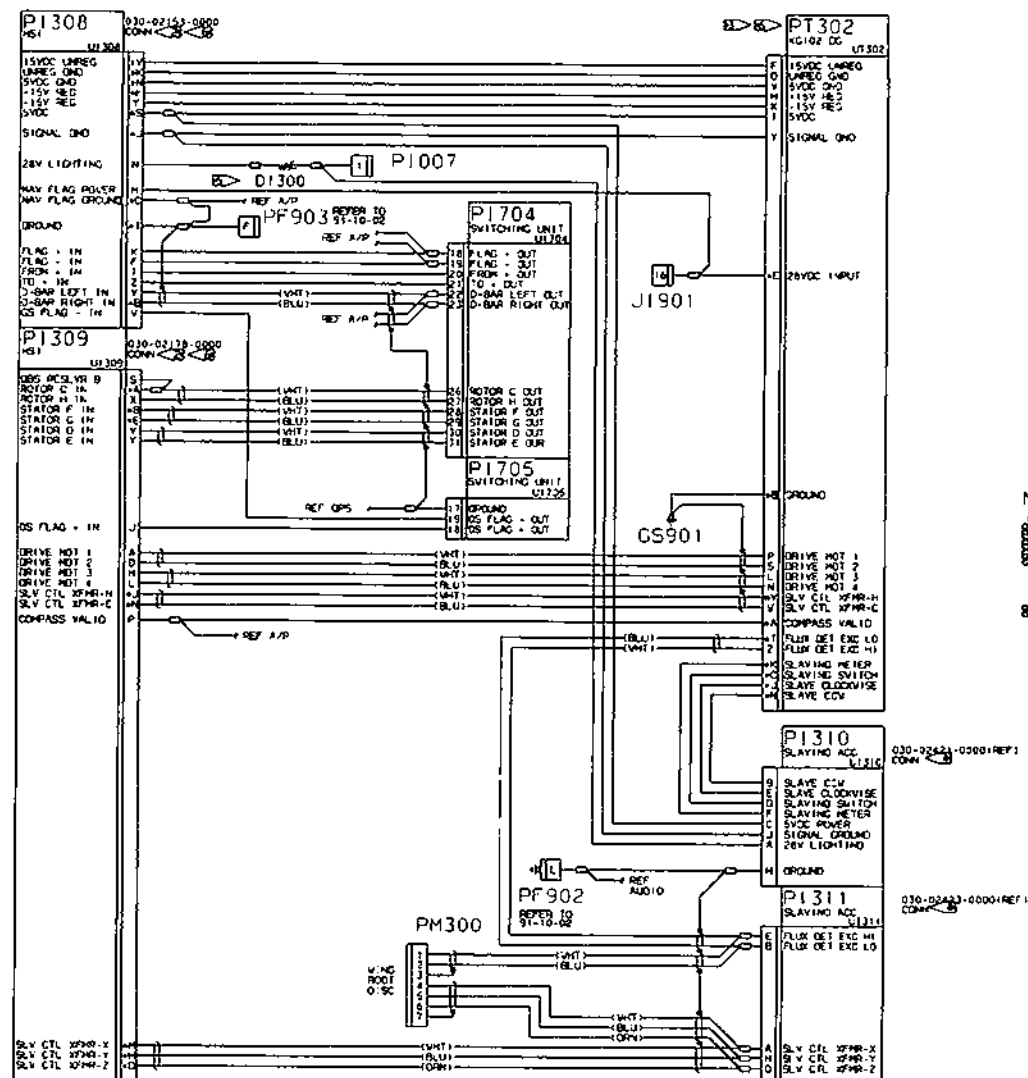
3927108-1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
02		KMD-540 MULTIFUNCTION DISPLAY-NAV II 17281098 & ON 172S9063 & ON		
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	PIN		AR R
PF903	SK2701	CONNECTOR (ZONE 221)		01 R
-	FC120N2	CONTACT	V28198	AR R
PI406	050-03605-0000	CONNECTOR KIT MFD.		01 R
PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225)		01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P	BUSSING MODULE	V49367	01 R
-	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
UI406		MFD KMD-540		RF R
UI701	069-01034-0101	RECEIVER GPS (ZONE 225)	V22373 17280978& ON 172S8704& ON	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

- ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
PART OF ALLIED SIGNAL KIT 050-01344-0082
PART OF ALLIED SIGNAL KIT 050-01410-0092.
PART OF ALLIED SIGNAL KIT 050-01352-0092.
INSTALL DIODE 0130Z WITH BANDING END TOWARD
P1007. COVER DIODE AND WIRE WITH HEAT
SHRINK TUBING. LOCATE THE DIODE WITHIN
3 INCHES OF P1007 AND SUPPORTED BY THE
TO THE
DISCONNECT THE BACKSHELL SUPPLIED WITH THE
MKS KIT AND REPLACE IT WITH AN 52200-216
BACKSHELL. A TOTAL OF THREE BACKSHELLS ARE
REQUIRED FOR THIS SYSTEM.

HORIZONTAL SITUATION INDICATOR - NAV 11
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

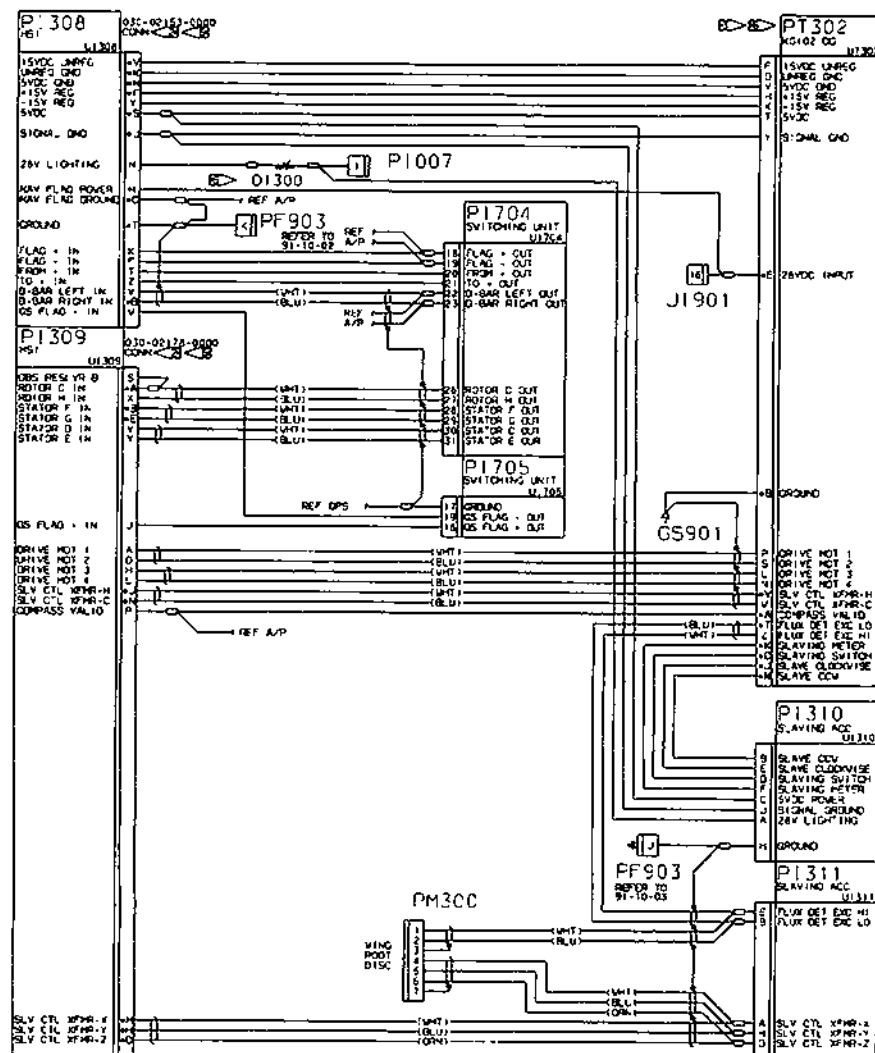
MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		KCS-55A HORIZONTAL SITUATION INDICATOR-NAV II 17280694 THRU 17280983 172S8113 THRU 172S8703		
GS901	3910276-2	. GROUND STUD (ZONE 310)		01 R
JI901	S2350-3	. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	. . PIN		AR R
PF902	SK2701	. CONNECTOR GROUND (ZONE 221) V28198		01 R
-	FC116N2	. . CONTACT		AR R
-	FC120N2	. . CONTACT		AR R
PF903	SK2701	. CONNECTOR (ZONE 221)		01 R
-	FC120N2	. . CONTACT	V28198	AR R
PI007	S2035-1	. CONNECTOR HSI (ZONE 220)		01 R
-	S1635-1	. . PIN		AR R
PI308	030-02153-0000	. CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220) . .		01 R
-	050-01344-0002	. CONNECTOR KIT		01 R
-	S2800-216	. . BACKSHELL		01 R
PI309	030-02178-0000	. CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220) . .		01 R
-	050-01344-0002	. CONNECTOR KIT		01 R
-	S2800-216	. . BACKSHELL		01 R
PI310	030-02421-0000	. CONNECTOR SLAVING ACCESSORY (ZONE 220)		01 R
-	050-01928-0000	. CONNECTOR KIT		01 R
PI311	030-02421-0000	. CONNECTOR SLAVING ACCESSORY (ZONE 220)		01 R
-	050-01928-0000	. CONNECTOR KIT		01 R
PI704	RD50F10JVL0	. CONNECTOR RELAY SWITCHING UNIT (ZONE 221) V28198	80694 & ON	01 R
			S8113 & ON	
PI705	RD50M10JVL0	. CONNECTOR RELAY SWITCHING UNIT (ZONE 221) V29198	80694 & ON	01 R
			S8113 & ON	
PM300	206433-2	. CONNECTOR LEFT WING DISCONNECT (ZONE 510) V00779	80694 & ON	01 R
			S8113 & ON	
-	206062-3	. . BACKSHELL	V00779 80694 & ON	01 R
			S8113 & ON	
-	5-66504-7	. . CONTACTS	V00779 80694 & ON	AR R
			S8113 & ON	
PT302	050-01410-0002	. CONNECTOR KIT DIRECTIONAL GYRO DISCONNECT (ZONE 310)		01 R
-	S2800-216	. . BACKSHELL		01 R
UI308	066-03046-0007	. INDICATOR HSI		01 R
UI309	066-3046-07	. INDICATOR HSI V22373		01 R
UI310	071-01242-0006	. SLAVING ACCESSORY		01 R
UI311	071-01242-0006	. SLAVING ACCESSORY		01 R
UI704		. SWITCHING UNIT		RF R
UI705		. SWITCHING UNIT		RF R
UT302	S3330-1	. GYRO DIRECTIONAL (ZONE 220)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

- ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
 PART OF ALLED SIGNAL KIT 050-0116-0002
 PART OF ALLED SIGNAL KIT 050-0116-0002
 PART OF ALLED SIGNAL KIT 050-0128-0000
 INSTALL DIODE 01300 WITH BANDING END TOWARD
 P1007. COVER DIODE AND WIRE WITH HEAT
 SHRINK TUBING. LOCATE THE DIODE WITHIN
 3 INCHES OF P1007 AND SUPPORTED BY THE
 10 TAG.
 DISCARD THE BACKSHELL SUPPLIED WITH THE
 NEW KIT AND BACKSHELL WITH PN 52803-216
 BACKSHELL. A TOTAL OF THREE BACKSHELLS ARE
 REQUIRED FOR THIS SYSTEM.

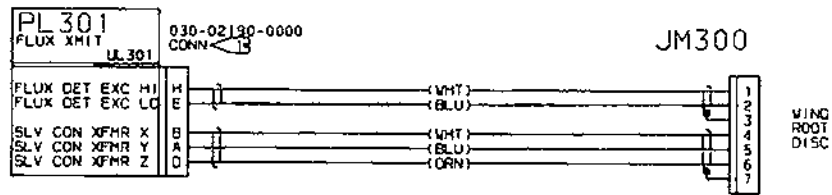
HORIZONTAL SITUATION INDICATOR - NAV 11
FIGURE 02 (SPEED 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
02			KCS-55A HORIZONTAL SITUATION INDICATOR-NAV II, ADF, MFD		
			17280984 & ON		
			172S8704 & ON		
DI300	1N4730A		DIODE (ZONE 224)		01 R
GS901	3910276-2		GROUND STUD (ZONE 310)		01 R
J1901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5		.. PIN		AR R
PF903	SK2701		CONNECTOR (ZONE 221)		01 R
-	FC120N2		.. CONTACT	V28198	AR R
PI007	S2035-1		CONNECTOR HSI (ZONE 220)		01 R
-	S1635-1		.. PIN		AR R
PI308	030-02153-0000		CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220) . .		01 R
-	050-01344-0002		CONNECTOR KIT		01 R
-	S2800-216		.. BACKSHELL		01 R
PI309	030-02178-0000		CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220) . .		01 R
-	050-01344-0002		CONNECTOR KIT		01 R
-	S2800-216		.. BACKSHELL		01 R
PI310	030-02421-0000		CONNECTOR SLAVING ACCESSORY (ZONE 220)		01 R
-	050-01928-0000		CONNECTOR KIT		01 R
PI311	030-02421-0000		CONNECTOR SLAVING ACCESSORY (ZONE 220)		01 R
-	050-01928-0000		CONNECTOR KIT		01 R
PI704	RD50F10JVL0		CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON	01 R
				S8113 & ON	
PI705	RD50M10JVL0		CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON	01 R
				S8113 & ON	
PM300	206433-2		CONNECTOR LEFT WING DISCONNECT (ZONE 510)	V00779 80694 & ON	01 R
				S8113 & ON	
-	206062-3		.. BACKSHELL	V00779 80694 & ON	01 R
				S8113 & ON	
-	5-66504-7		.. CONTACTS	V00779 80694 & ON	AR R
				S8113 & ON	
PT302	050-01410-0002		CONNECTOR KIT DIRECTIONAL GYRO DISCONNECT (ZONE 310)		01 R
-	S2800-216		.. BACKSHELL		01 R
UI308	066-03046-0007		INDICATOR HSI		01 R
UI309	066-3046-07		INDICATOR HSI	V22373	01 R
UI310	071-01242-0006		SLAVING ACCESSORY		01 R
UI311	071-01242-0006		SLAVING ACCESSORY		01 R
UI704			SWITCHING UNIT		RF R
UI705			SWITCHING UNIT		RF R
UT302	S3330-1		GYRO DIRECTIONAL (ZONE 220)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



FLUX DETECTOR
 FIGURE 01 (SHEET 1)

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

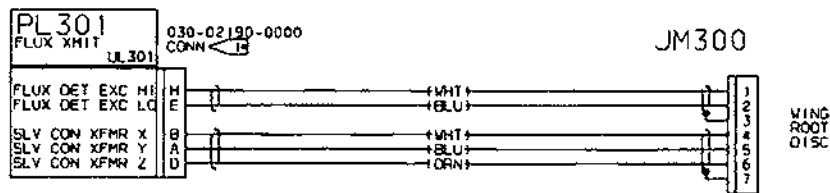
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		FLUX DETECTOR 17280694 THRU 17280983 172S8113 THRU 172S8703		
JM300	206434-1	. CONNECTOR FLUX TRANSMITTER (ZONE 510)	V00779	01 R
-	206062-3	. . BACKSHELL	V00779	01 R
-	5-66506-9	. . PIN CONTACT	V00779	AR R
PL301	030-02190-0000	. CONNECTOR FLUX TRANSMITTER (ZONE 510)		01 R
-	050-01361-0000	CONNECTOR KIT		01 R
UL301	071-1052-00	. FLUX DETECTOR (ZONE 520).		01 R

* ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. PART OF ALLIED SIGNAL KIT 050-01361-0000.
2. ALL WIRE 22GA UNLESS OTHERWISE NOTED.



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FLUX DETECTOR
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

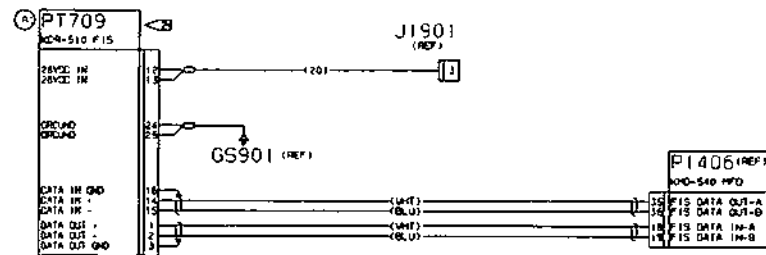
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
02			FLUX DETECTOR		
			17280984 & ON		
			172S8704 & ON		
JM300	206434-1		. CONNECTOR FLUX TRANSMITTER (ZONE 510)	V00779	01 R
-	206062-3		. . BACKSHELL	V00779	01 R
-	5-66506-9		. . PIN CONTACT	V00779	AR R
PL301	030-02190-0000		. CONNECTOR FLUX TRANSMITTER (ZONE 510)		01 R
-	050-01361-0000		CONNECTOR KIT		01 R
UL301	071-1052-00		. FLUX DETECTOR (ZONE 520)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
- ⊗ BAG AND SLOW CONNECTOR



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MODEL 172
WIRING DIAGRAM MANUAL

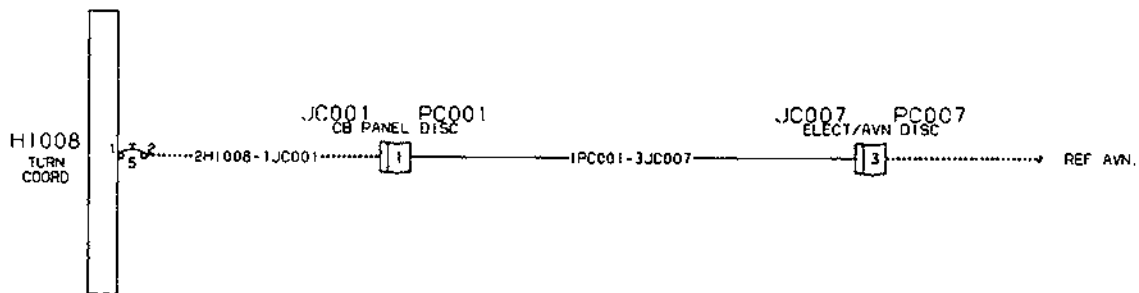
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		KRD-510 FLIGHT INFORMATION SYSTEM PROVISIONS		
		17281098 & ON		
		172S9063 & ON		
GS901	3910276-2	. GROUND STUD (ZONE 310)		01 R
J1901	S2350-3	. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE		01 R
		220)		
	S2353-5	. . PIN		AR R
PI406	050-03605-0000	. CONNECTOR KIT MFD.		01 R
PT709	RD25F00JVLO	. CONNECTOR KDR-510 FIS.		01 R
-	FC6020D	. . CONTACT	V28198	AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. EXCEPT AS NOTED



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TURN COORDINATOR
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

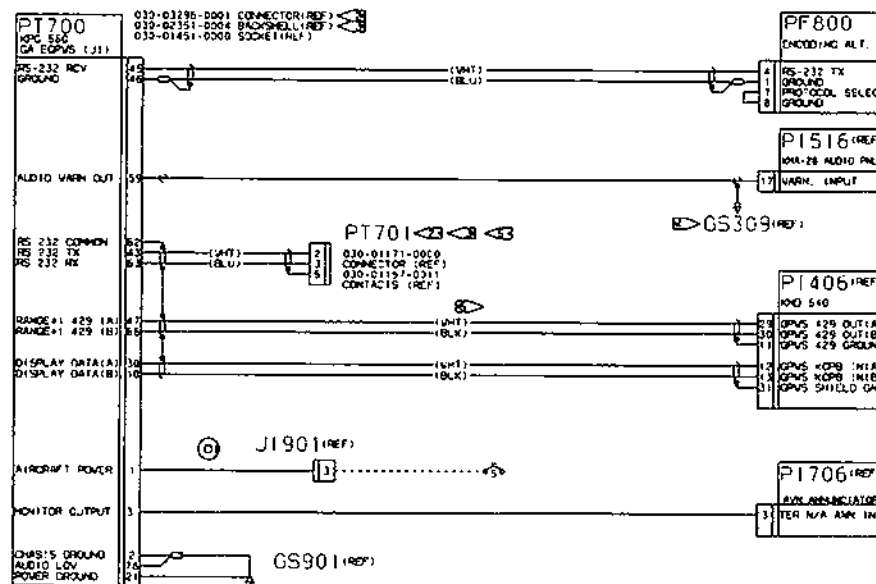
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			TURN COORDINATOR		
			17280001 & ON		
			172S8001 & ON		
	HI008	S1360-5L	. CIRCUIT BREAKER TURN COORDINATOR (ZONE 224)		01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
		S2099-4	. . SOCKET		AR R
	JC007	S1641-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 224).		01 R
		S1636-1	. . PINS		AR R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2353-4	. . PIN		AR R
		S2353-5	. . PIN		AR R
	PC007	S1640-9	. CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
		S1635-1	. . PIN		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

- > ALL WIRE 22 AWG EXCEPT AS NOTED.
- > SRD AND STOW CONNECTOR.
- > PART OF KCP-560 EOPWS INSTALLATION KIT. 350-03621-0000.
- > GROUND S'LG LOCATED IN BACK OF WNA-28 AUDIO PANEL.
- > WIRE BETWEEN PT700 & PT701 SHOULD BE 6'± 1'.
- > USE W17176-00002 ELECTRICAL CABLE.



KCP-560 EOPWS PROVISIONS
FIGURE 01 (SHEET 1)

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MODEL 172

WIRING DIAGRAM MANUAL

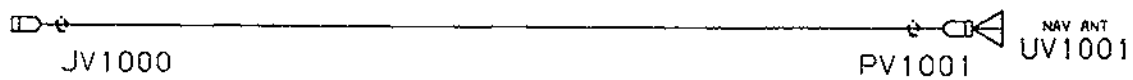
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			KGP-560 EGPWS PROVISIONS		
			17281098 & ON		
			172S9063 & ON		
	GS309	3910276-2	GROUND STUD (ZONE 225)		01 R
	GS901	3910276-2	GROUND STUD (ZONE 310)		01 R
	JI901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	PIN		AR R
	PF800	745492-3	CONNECTOR (ZONE 211)	V00779	01 R
	P1406	050-03605-0000	CONNECTOR KIT MFD		01 R
	P1516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
		050-03613-0001	CONNECTOR KIT		01 R
	PI706	RD15F00JVL0	CONNECTOR ANNUNCIATOR (ZONE 211)	V28198	01 R
		FC6020D	CONTACT	V28198	AR R
	PT700	030-03296-0001	CONNECTOR KPG-560 EGPWS (ZONE 310)		01 R
		030-01451-0000	SOCKET		AR R
		030-02351-0004	BACKSHELL		01 R
	PT701	030-01170-0000	CONNECTOR (ZONE 310)		01 R
		050-03621-0000	INSTALLATION KIT		01 R
		030-01157-0011	CONTACTS		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. THIS DRAWING FILED IN RUSD. E39.



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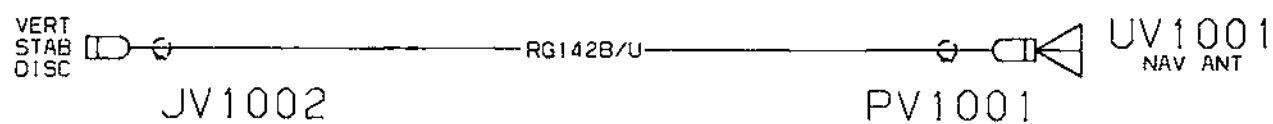
NAVIGATION ANTENNA
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
			1 2 3 4 5 6 7		
01			NAVIGATION ANTENNA		
			17280001 THRU 17280001		
			17280003 THRU 17280003		
JV1000			CONNECTOR VERTICAL TAIL (ZONE 340)		RF R
PV1001	UG88C/U		CONNECTOR NAVIGATION ANTENNA COAX (ZONE 340).		01 R
	S3284-1		ALTERNATE FOR UG88C/U		01 R
UV1001	C598504-0201		ANTENNA NAVIGATION (ZONE 340).		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NAVIGATION ANTENNA
FIGURE 02 (SHEET 1)

3921112-1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

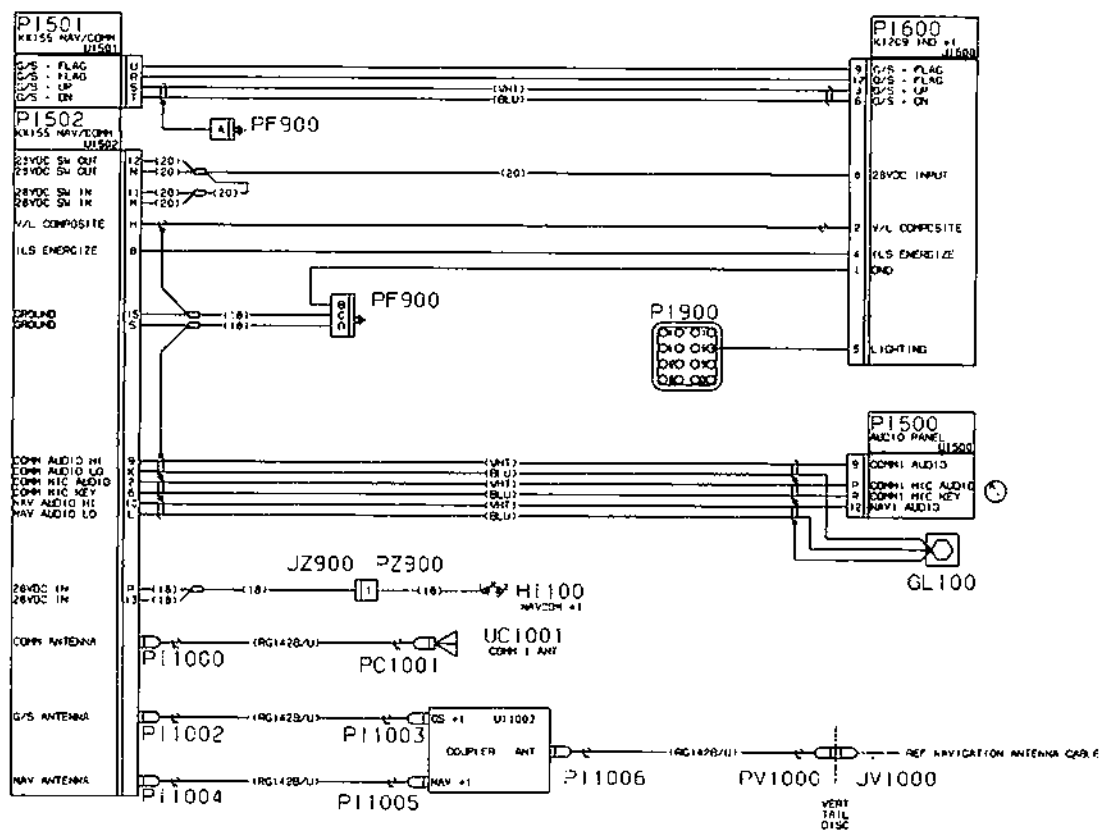
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
02		NAVIGATION ANTENNA 17280002 THRU 17280002 17280004 & ON		
JV1002	S2046-3	. JACK ANTENNA (ZONE 340)		01 R
PV1001	UG88C/U	. CONNECTOR NAVIGATION ANTENNA COAX (ZONE 340).		01 R
-	S3284-1	. ALTERNATE FOR UG88C/U		01 R
UV1001	C598504-0201	. ANTENNA NAVIGATION (ZONE 340).		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED



KX155 NAV/COMM #1-STANDARD
 FIGURE 01 (SHEET 1)

3921102A1

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			KX-155A NAV/COMM #1-STANDARD 17280001 THRU 17280003		
	GL100		GROUND		RF R
	HI100	S1360-8L	CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)		01 R
	JV1000		CONNECTOR VERTICAL TAIL (ZONE 340)		RF R
	JZ900	S2350-3	CONNECTOR (ZONE 220)		01 R
		S2353-4	PINS		AR R
		S2353-5	PINS		AR R
	PC1001		CONNECTOR COMM #1 ANTENNA (ZONE 210)		RF R
	PF900		CONNECTOR GROUND (ZONE 221)		RF R
	PI1000	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
	PI1002	030-00101-0002	CONNECTOR GLIDESLOPE ANTENNA (ZONE 225)	V22373	01 R
		050-03378-0000	CONNECTOR KIT		01 R
	PI1003	UG88C/U	CONNECTOR COMM 1 ANTENNA (ZONE 220)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI1004	030-00101-0002	CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI1005	UG88C/U	CONNECTOR NAV 1 ANTENNA COUPLER (ZONE 220)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI1006	225555-6	CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT (ZONE 220)	V00779	01 R
	PI500	030-1094-58	PANEL AUDIO (ZONE 225)	V22373	01 R
		030-1107-46	PIN	V22373	AR R
	PI501	030-01094-060	CONNECTOR NAV/COMM KX-155 DISCONNECT (ZONE 225)		01 R
		030-01107-0030	PIN		AR R
	PI502	030-01094-059	CONNECTOR NAV/COMM KX-155 DISCONNECT (ZONE 225)		01 R
		030-01107-0030	PIN		AR R
	PI600	030-02227-005	CONNECTOR KI-209 INDICATOR DISCONNECT (ZONE 220)		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	BUSSING MODULE	V49367	01 R
		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	PV1000		CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340)		RF R
	PZ900	S2349-1	CONNECTOR WING LEVELER DISCONNECT (ZONE 220)		01 R
		S2099-3	CONTACTS		AR R
		S2099-4	CONTACTS		AR R
	UC1001		ANTENNA COMM #1 (ZONE 210)		RF R
	UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
	UI500		PANEL AUDIO		RF R
	UI501		NAV/COMM KX155		RF R
	UI502		NAV/COMM KX155		RF R
	UI600		INDICATOR KI209		RF R

- ITEM NOT ILLUSTRATED

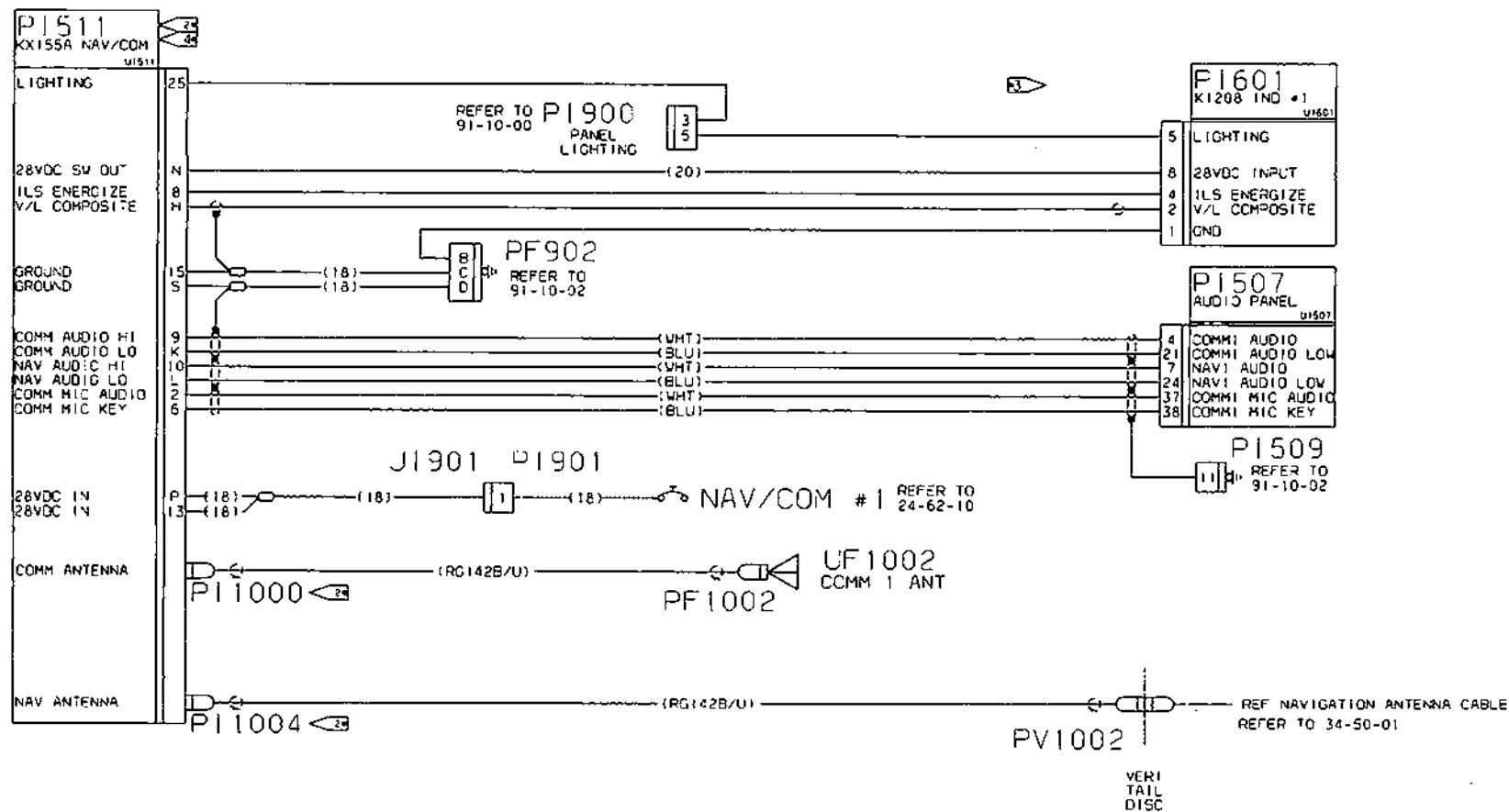
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.
2. PART OF ALLIED SIGNAL INSTL KIT 050-03378-0001.
3. PART OF ALLIED SIGNAL INSTL KIT 050-01550-0000.
4. INSTALL POLARIZING PIN BETWEEN PINS 3 & 4.



KX-155A NAV/COMM #1
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

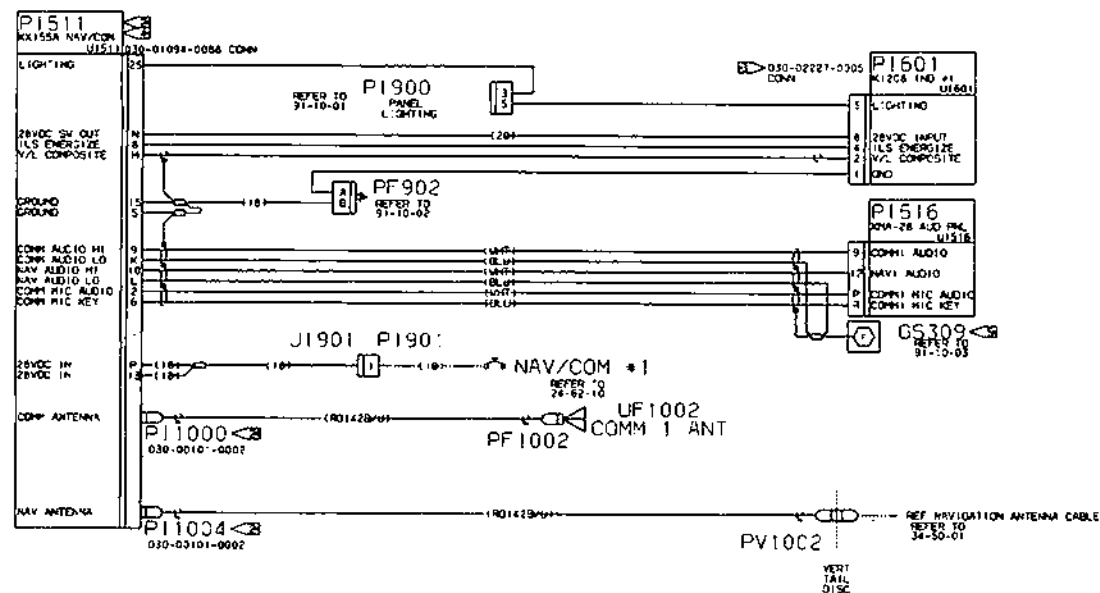
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
02			KX-155A NAV/COMM #1-STANDARD 17280004 THRU 17280983 172S8001 THUR 172S8703		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	. . . PIN		AR R
	PF1002	UG913A/U	CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		01 R
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
		FC116N2	. . . CONTACT		AR R
		FC120N2	. . . CONTACT		AR R
	PI1000	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
	PI1004	030-00101-0002	CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
	PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
		050-03378-0000	CONNECTOR KIT		01
		050-03378-0001	CONNECTOR KIT		01
	PI601	030-02227-0005	CONNECTOR KI208 INDICATOR DISCONNECT (ZONE 220)		01 R
		030-01550-0000	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	. . . BUSSING MODULE	V49367	01 R
		LMS01T-TL	. . . SPLICE CONNECTOR	V49367	01 R
	PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2099-3	. . . CONTACT		AR R
		S2099-4	. . . CONTACT		AR R
	PV1002	UG88C/U	CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	UF1002	CI-128A	ANTENNA COMM #1 (ZONE 210)	V51351	01 R
	UI507	066-01155-0101	PANEL AUDIO (ZONE 225)	V22373 80001 80601	01 R
		066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
	UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80602 80720	01 R
				S8001 S8189	
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01 R
				S8190 S8703	
	UI511	069-01032-0201	NAV/COMM KX-155A (ZONE 211)	V22373 80001 80720	01 R
				S8001 S8189	
	UI511	S3100-156	NAV/COMM KX-155A (ZONE 211)	80721 80812	01 R
				S8190 S8319	
	UI511	S3100-179	NAV/COMM KX-155A (ZONE 211)	80813 & ON	01 R
				S8320 & ON	
	UI601	S3100-157	INDICATOR KI208 NAV (ZONE 211)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:
 1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.
 2. PART OF ALLIED SIGNAL INSTL KIT 250-03378-0001.
 3. PART OF ALLIED SIGNAL INSTL KIT 250-03378-0001.
 4. PART OF ALLIED SIGNAL INSTL KIT 250-03378-0001.
 5. PANEL TRUCK PLATING WITH SEVEN WIRE 22 G.



KX-155A NAV/COMM #1 - STANDARD
 FIGURE 03 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

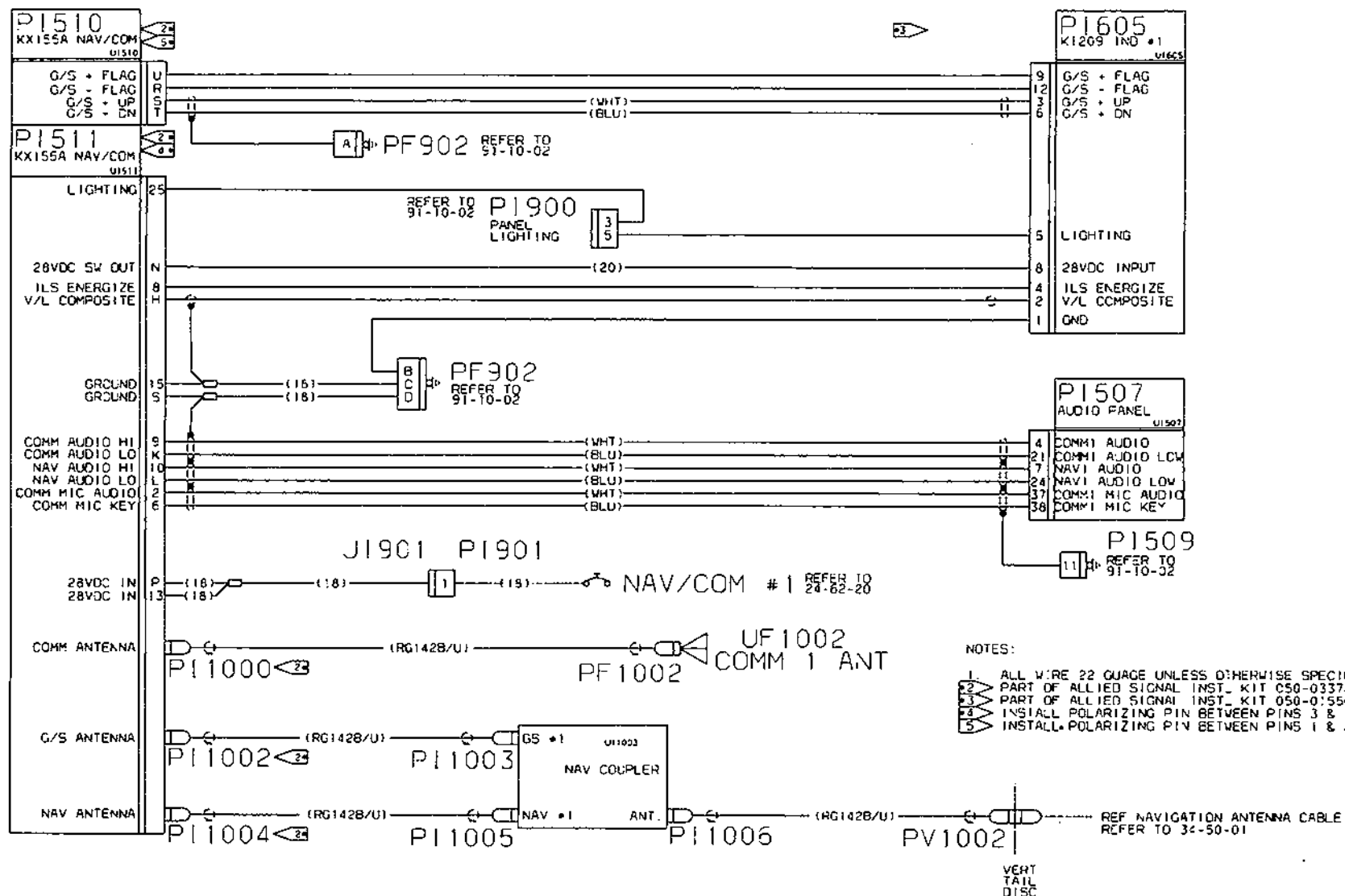
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
03		KX-155A NAV/COMM #1-STANDARD 17280984 & ON 172S8704 & ON		
J1901	S2350-3	. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	. . . PIN		AR R
PF1002	UG913A/U	. CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		01 R
PF902	SK2701	. CONNECTOR GROUND (ZONE 221)	V28198	01 R
-	FC116N2	. . . CONTACT		AR R
-	FC120N2	. . . CONTACT		AR R
PI1000	030-00101-0002	. CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
PI1004	030-00101-0002	. CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
-	050-03378-0001	CONNECTOR KIT		01 R
PI511	030-01094-0088	. CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225) . . .		01 R
-	050-03378-0000	CONNECTOR KIT		01
-	050-03378-0001	CONNECTOR KIT		01
PI516	030-01094-0058	. CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225).		01 R
-	050-03613-0001	CONNECTOR KIT		01 R
PI601	030-02227-0005	. CONNECTOR KI208 INDICATOR DISCONNECT (ZONE 220)		01 R
-	030-01550-0000	CONNECTOR KIT		01 R
PI900	S3070-9	. CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P	. . . BUSSING MODULE	V49367	01 R
-	LMS01T-TL	. . . SPLICE CONNECTOR	V49367	01 R
PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-	S2099-3	. . . CONTACT		AR R
-	S2099-4	. . . CONTACT		AR R
PV1002	UG88C/U	. CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340) . .		01 R
-	S3284-1	ALTERNATE FOR UG88C/U		01 R
UF1002	CI-128A	. ANTENNA COMM #1 (ZONE 210).	V51351	01 R
UI511	S3100-179	. NAV/COMM KX-155A (ZONE 211).	80813 & ON S8320 & ON	01 R
UI516	3910310-19	. AUDIO PANEL KMA-28	80984 & ON S8704 & ON	01 R
UI601	S3100-157	. INDICATOR KI208 NAV (ZONE 211)		01 R

- ITEM NOT ILLUSTRATED

Figure 03

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



KX-155A NAV/COMM #1
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES		1 2 3 4 5 6 7	FROM TO	PER ASSY
01			KX-155A NAV/COMM #1-NAV I WITH GLIDESLOPE 17280001 THRU 17280983 172S8001 THUR 172S8703		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		AR R
	PF1002	UG913A/U	CONNECTOR GROUND (ZONE 221)		01 R
	PF902	SK2701	CONTACT	V28198	01 R
		FC116N2	CONTACT		AR R
		FC120N2	CONTACT		AR R
	PI1000	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
	PI1002	030-00101-0002	CONNECTOR GLIDESLOPE ANTENNA (ZONE 225)	V22373	01 R
		050-03378-0000	CONNECTOR KIT		01 R
	PI1003	UG88C/U	CONNECTOR COMM 1 ANTENNA (ZONE 220)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI1004	030-00101-0002	CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI1005	UG88C/U	CONNECTOR NAV 1 ANTENNA COUPLER (ZONE 220)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI1006	225555-6	CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT (ZONE 220)	V00779	01 R
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
	PI510	030-01094-0060	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
		050-03378-0000	CONNECTOR KIT		01 R
	PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
		050-03378-0000	CONNECTOR KIT		01
		050-03378-0001	CONNECTOR KIT		01
	PI605	030-02227-0005	CONNECTOR KI209 INDICATOR DISCONNECT (ZONE 220)		01 R
		050-01550-0000	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	BUSSING MODULE	V49367	01 R
		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224)		01 R
		S2099-3	CONTACT		AR R
		S2099-4	CONTACT		AR R
	PV1002	UG88C/U	CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	UF1002	CI-128A	ANTENNA COMM #1 (ZONE 210)	V51351	01 R
	UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
	UI507	066-01155-0101	PANEL AUDIO (ZONE 225)	V22373 80001 80601	01 R
		066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
	UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80602 80720	01 R
				S8001 S8189	
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01 R
				S8190 S8703	
	UI510	069-01032-0101	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	V22373 80001 80720	01 R
				S8001 S8189	
	UI510	S3100-155	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80721 80812	01 R
				S8190 S8319	
	UI510	S3100-178	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80813 & ON	01 R
				S8320 & ON	
	UI511	069-01032-0201	NAV/COMM KX-155A (ZONE 211)	V22373 80001 80720	01 R
				S8001 S8189	
	UI511	S3100-156	NAV/COMM KX-155A (ZONE 211)	80721 80812	01 R
				S8190 S8319	
	UI511	S3100-179	NAV/COMM KX-155A (ZONE 211)	80813 & ON	01 R
				S8320 & ON	
	UI805	S3100-157	INDICATOR CDI (ZONE 210)		01 R

- ITEM NOT ILLUSTRATED

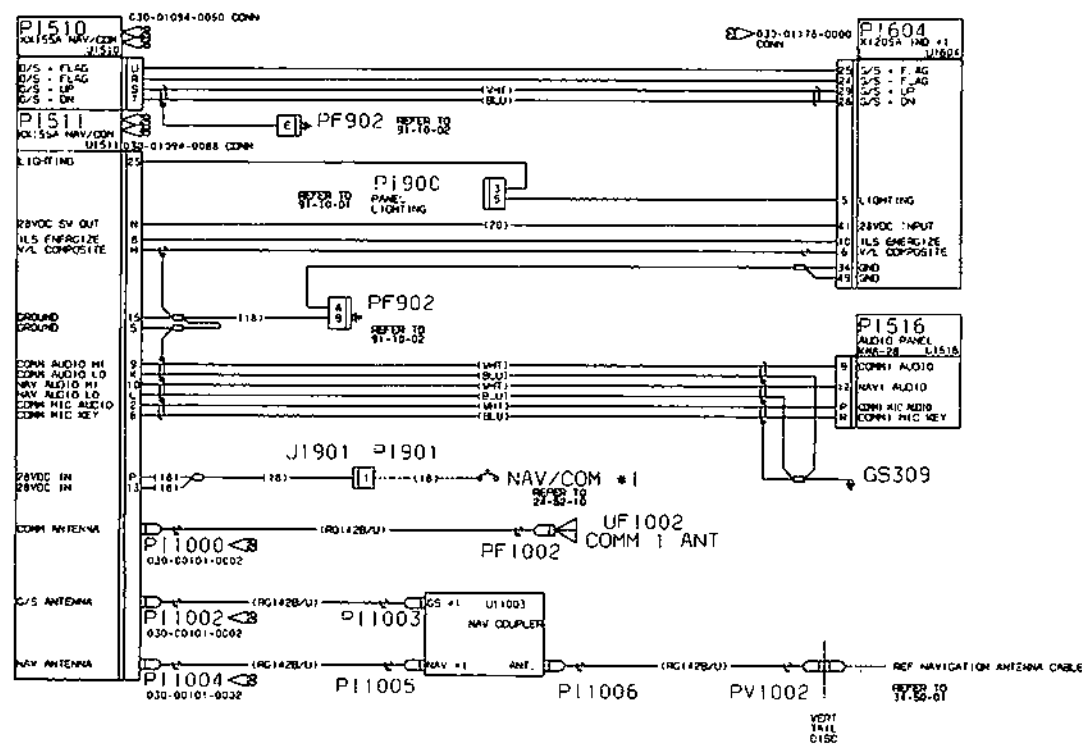
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.
 PART OF ALLIED SIGNAL INSTR. KIT 050-03378-0000.
 PART OF ALLIED SIGNAL INSTR. KIT 050-03350-0001.
 INSTALL POLARIZING PIN BETWEEN PINS 3 & 4.



KX-155A NAV/COMM *1 - NAV I, NAV II
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

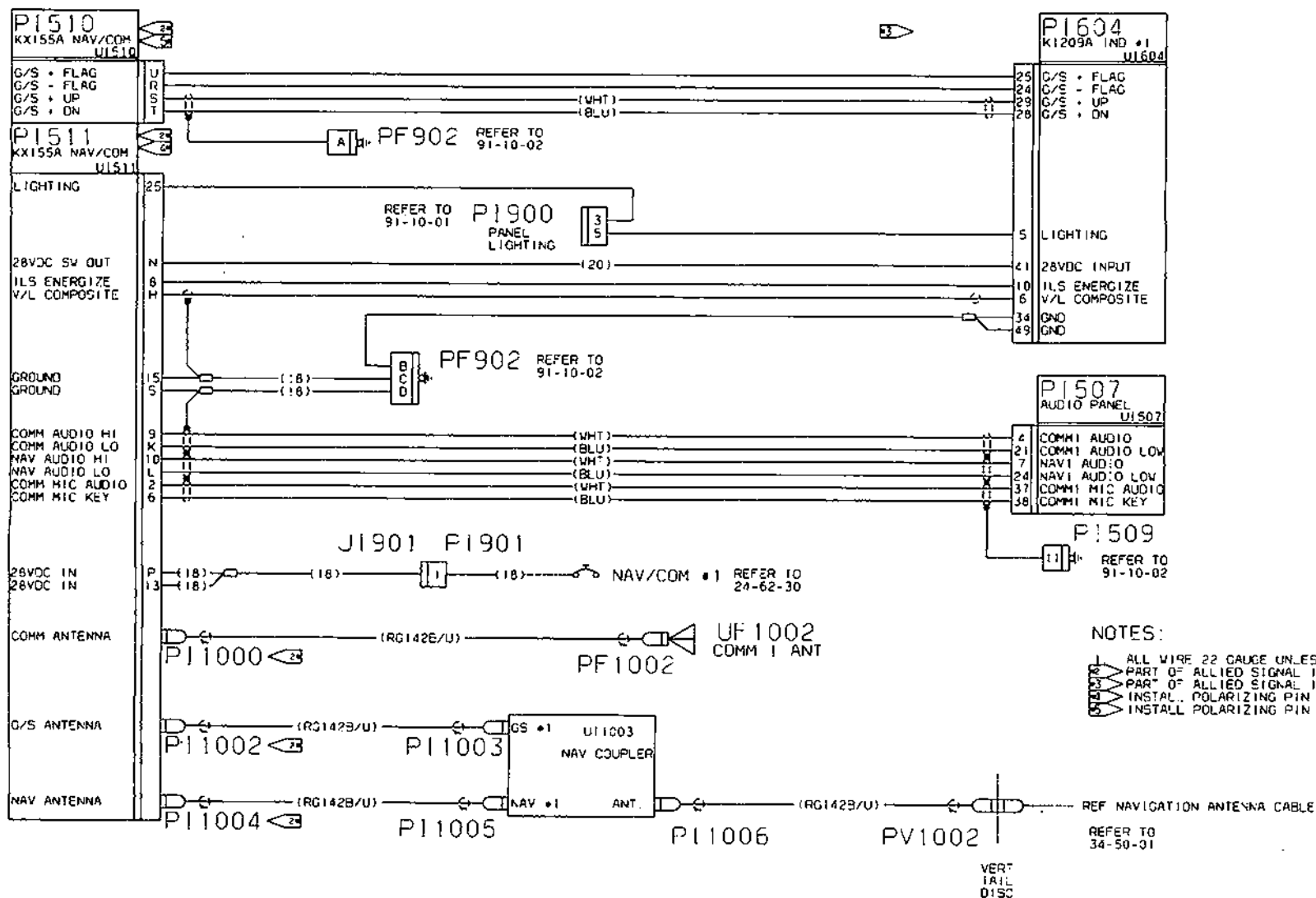
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
02			KX-155A NAV/COMM #1-NAV I, NAV I W/ADF, NAV II, NAV II ADF,MFD 17280984 & ON 172S8704 & ON		
GS309	3910276-2		GROUND STUD (ZONE 225)		01 R
J1901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
PF1002	S2353-5 UG913A/U		PIN CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		AR R 01 R
PF902	SK2701 FC116N2		CONNECTOR GROUND (ZONE 221)	V28198	01 R
	FC120N2		CONTACT		AR R
PI1000	030-00101-0002		CONTACT CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	AR R 01 R
PI1002	030-00101-0002		CONNECTOR GLIDESLOPE ANTENNA (ZONE 225)	V22373	01 R
	050-03378-0000		CONNECTOR KIT		01 R
PI1003	UG88C/U		CONNECTOR COMM 1 ANTENNA (ZONE 220)		01 R
	S3284-1		ALTERNATE FOR UG88C/U		01 R
PI1004	030-00101-0002		CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
	050-03378-0001		CONNECTOR KIT		01 R
PI1005	UG88C/U		CONNECTOR NAV 1 ANTENNA COUPLER (ZONE 220)		01 R
	S3284-1		ALTERNATE FOR UG88C/U		01 R
PI1006	225555-6		CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT (ZONE 220)	V00779	01 R
PI510	030-01094-0060		CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225) . . .		01 R
	050-03378-0000		CONNECTOR KIT		01 R
PI511	030-01094-0088		CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225) . . .		01 R
	050-03378-0000		CONNECTOR KIT		01
	050-03378-0001		CONNECTOR KIT		01
PI516	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
	050-03613-0001		CONNECTOR KIT		01 R
PI604	030-01176-0000		CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220) . . .		01 R
	050-01550-0001		CONNECTOR KIT		01 R
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	LMD6106P		BUSSING MODULE	V49367	01 R
	LMS01T-TL		SPLICE CONNECTOR	V49367	01 R
PI901	S2349-1		CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
	S2099-3		CONTACT		AR R
	S2099-4		CONTACT		AR R
PV1002	UG88C/U		CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340) . .		01 R
	S3284-1		ALTERNATE FOR UG88C/U		01 R
UF1002	CI-128A		ANTENNA COMM #1 (ZONE 210)	V51351	01 R
UI1003	S2473-1		COUPLER NAV ANTENNA (ZONE 210)		01 R
UI510	S3100-178		NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80813 & ON S8320 & ON	01 R
UI511	069-01032-0201		NAV/COMM KX-155A (ZONE 211)	V22373 80001 80720	01 R
UI511	S3100-156		NAV/COMM KX-155A (ZONE 211)	80001 80812 80721 80812	01 R
UI511	S3100-179		NAV/COMM KX-155A (ZONE 211)	80813 & ON S8320 & ON	01 R
UI516	3910310-19		AUDIO PANEL KMA-28	80984 & ON S8704 & ON	01 R
UI604	S3100-158		INDICATOR KI-209A (ZONE 210)	80780 & ON S8262 & ON	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.
2. PART OF ALLIED SIGNAL INSTL KIT 050-03378-0000.
3. PART OF ALLIED SIGNAL INSTL KIT 050-01550-0001.
4. INSTALL POLARIZING PIN BETWEEN PINS 3 & 4.
5. INSTALL POLARIZING PIN BETWEEN PINS 1 & 2.

KX-155A NAV/COMM #1
 FIGURE 01 (SHEET 1)

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34-50-12

Figure 01
 Page 0
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CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
01		KX-155A NAV/COMM #1-NAV II 17280001 THRU 17280983 172S8001 THRU 172S8703		
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	PIN		AR R
PF1002	UG913A/U	CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		01 R
PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
-	FC116N2	CONTACT		AR R
-	FC120N2	CONTACT		AR R
PI1000	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
PI1002	030-00101-0002	CONNECTOR GLIDESLOPE ANTENNA (ZONE 225)	V22373	01 R
-	050-03378-0000	CONNECTOR KIT		01 R
PI1003	UG88C/U	CONNECTOR COMM 1 ANTENNA (ZONE 220)		01 R
-	S3284-1	ALTERNATE FOR UG88C/U		01 R
PI1004	030-00101-0002	CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
-	050-03378-0001	CONNECTOR KIT		01 R
PI1005	UG88C/U	CONNECTOR NAV 1 ANTENNA COUPLER (ZONE 220)		01 R
-	S3284-1	ALTERNATE FOR UG88C/U		01 R
PI1006	225555-6	CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT (ZONE 220)	V00779	01 R
PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
PI510	030-01094-0060	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
-	050-03378-0000	CONNECTOR KIT		01 R
PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
-	050-03378-0000	CONNECTOR KIT		01
-	050-03378-0001	CONNECTOR KIT		01
PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01 R
-	050-01550-0001	CONNECTOR KIT		01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P	BUSING MODULE	V49367	01 R
-	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2099-3	CONTACT		AR R
-	S2099-4	CONTACT		AR R
PV1002	UG88C/U	CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340)		01 R
-	S3284-1	ALTERNATE FOR UG88C/U		01 R
UF1002	CI-128A	ANTENNA COMM #1 (ZONE 210)	V51351	01 R
UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
UI507	066-01155-0101	PANEL AUDIO (ZONE 225)	V22373 80001 80601	01 R
-	066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80602 80720	01 R
UI507	S3100-160	PANEL AUDIO (ZONE 225)	S8001 S8189	
UI510	069-01032-0101	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80721 80983	01 R
UI510	S3100-155	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	S8190 S8703	
UI510	S3100-178	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80001 80720	01 R
UI511	069-01032-0201	NAV/COMM KX-155A (ZONE 211)	S8001 S8189	
UI511	S3100-156	NAV/COMM KX-155A (ZONE 211)	80721 80812	01 R
UI511	S3100-179	NAV/COMM KX-155A (ZONE 211)	S8190 S8319	
UI604	S3100-158	INDICATOR KI-209A (ZONE 210)	80813 & ON	01 R
			S8320 & ON	
			80780 & ON	
			S8262 & ON	

- ITEM NOT ILLUSTRATED

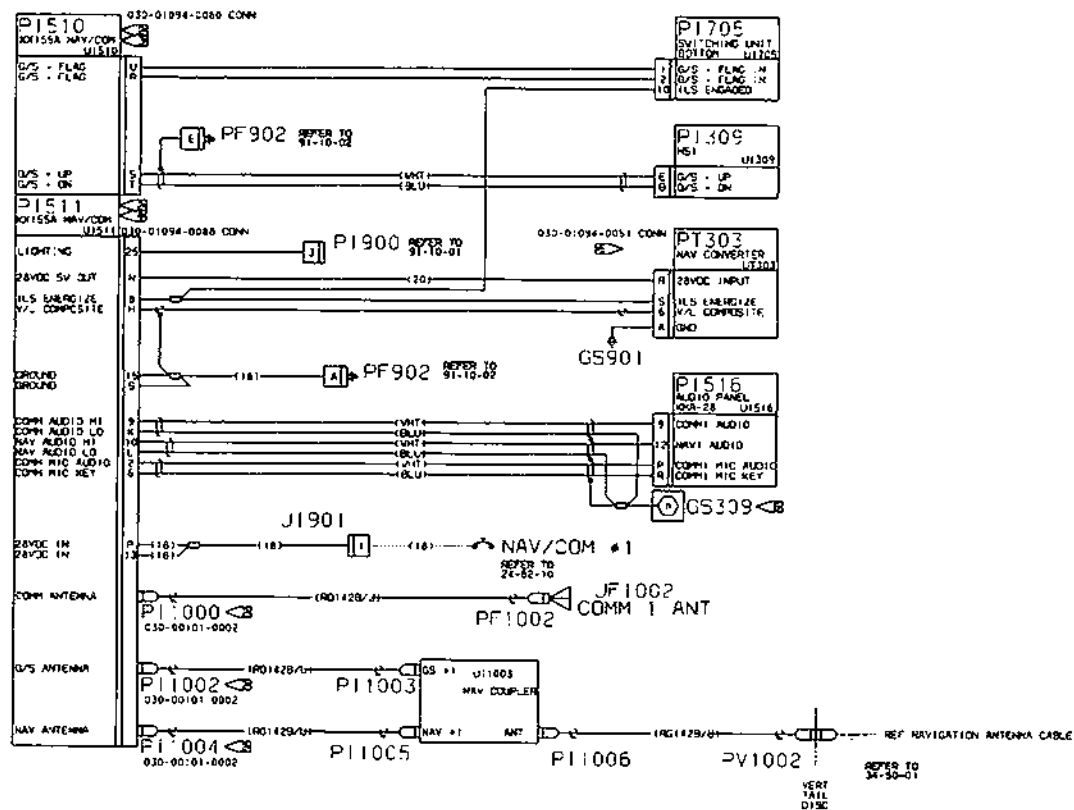
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

- ALL WIRES 22 GAUGE UNLESS OTHERWISE SPECIFIED.
- PART OF ALLIED SIGNAL INSTL KIT 030-00178-0000.
- INSTALL POLARIZING PIN BETWEEN PINS 1 & 2.
- INSTALL POLARIZING PIN BETWEEN PINS 3 & 4.
- ON-SERIES TELL RED LINE (RED) BETWEEN PINS 030-00178-0000 & PANEL RACK



KX-155A NAV/COMM #1 - NAV 11
W/HORIZONTAL SITUATION INDICATOR
FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

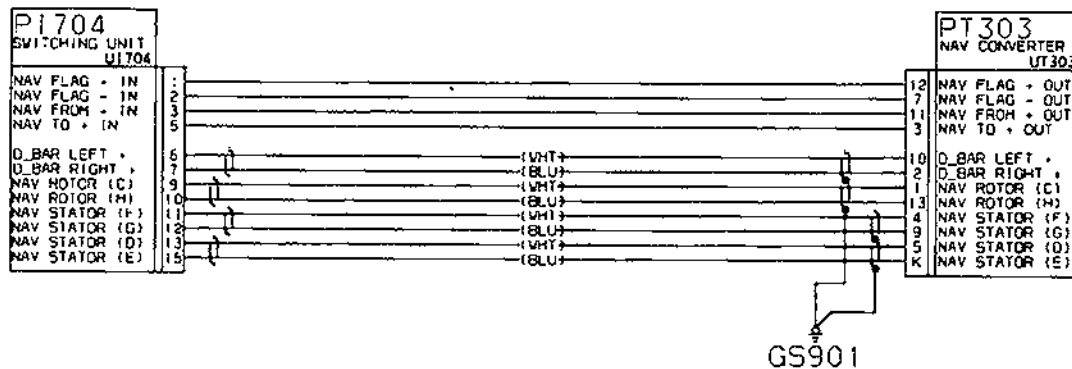
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
02			KX-155A NAV/COMM #1-NAV II W/HSI, ADF,MFD		
			17280984 THRU 17281097		
			17258704 THRU 17259062		
	GS901	3910276-2	GROUND STUD (ZONE 310)		01 R
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	PIN		AR R
	PF1002	UG913A/U	CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		01 R
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
		FC116N2	CONTACT		AR R
		FC120N2	CONTACT		AR R
	PI1000	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
	PI1002	030-00101-0002	CONNECTOR GLIDESLOPE ANTENNA (ZONE 225)	V22373	01 R
		050-03378-0000	CONNECTOR KIT		01 R
	PI1003	UG88C/U	CONNECTOR COMM 1 ANTENNA (ZONE 220)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI1004	030-00101-0002	CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI1005	UG88C/U	CONNECTOR NAV 1 ANTENNA COUPLER (ZONE 220)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI1006	225555-6	CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT (ZONE 220)	V00779	01 R
	PI309	030-02178-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01 R
		050-01344-0002	CONNECTOR KIT		01 R
		S2800-216	BACKSHELL		01 R
	PI510	030-01094-0060	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
		050-03378-0000	CONNECTOR KIT		01 R
	PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
		050-03378-0000	CONNECTOR KIT		01
		050-03378-0001	CONNECTOR KIT		01
	PI516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
		050-03613-0001	CONNECTOR KIT		01 R
	PI705	RD50M10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON S8113 & ON	01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	BUSSING MODULE	V49367	01 R
		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	PT303	030-01094-0051	CONNECTOR NAVIGATION CONVERTER (ZONE 310)		01 R
		050-01555-0000	CONNECTOR KIT		01 R
	PV1002	UG88C/U	CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	UF1002	CI-128A	ANTENNA COMM #1 (ZONE 210)	V51351	01 R
	UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
	UI309	066-3046-07	INDICATOR HSI	V22373	01 R
	UI510	S3100-178	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80813 & ON S8320 & ON	01 R
	UI511	S3100-179	NAV/COMM KX-155A (ZONE 211)	80813 & ON S8320 & ON	01 R
	UI516	3910310-19	AUDIO PANEL KMA-28	80984 & ON S8704 & ON	01 R
	UI705		SWITCHING UNIT		RF R
	UT303	066-4009-00	CONVERTER NAV (ZONE 310)	V22373	01 R

- ITEM NOT ILLUSTRATED

Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



3921139_1

KX-155A NAV/COMM •1 - NAV II
 W/HORIZONTAL SITUATION INDICATOR
 FIGURE 02 (SHEET 2)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

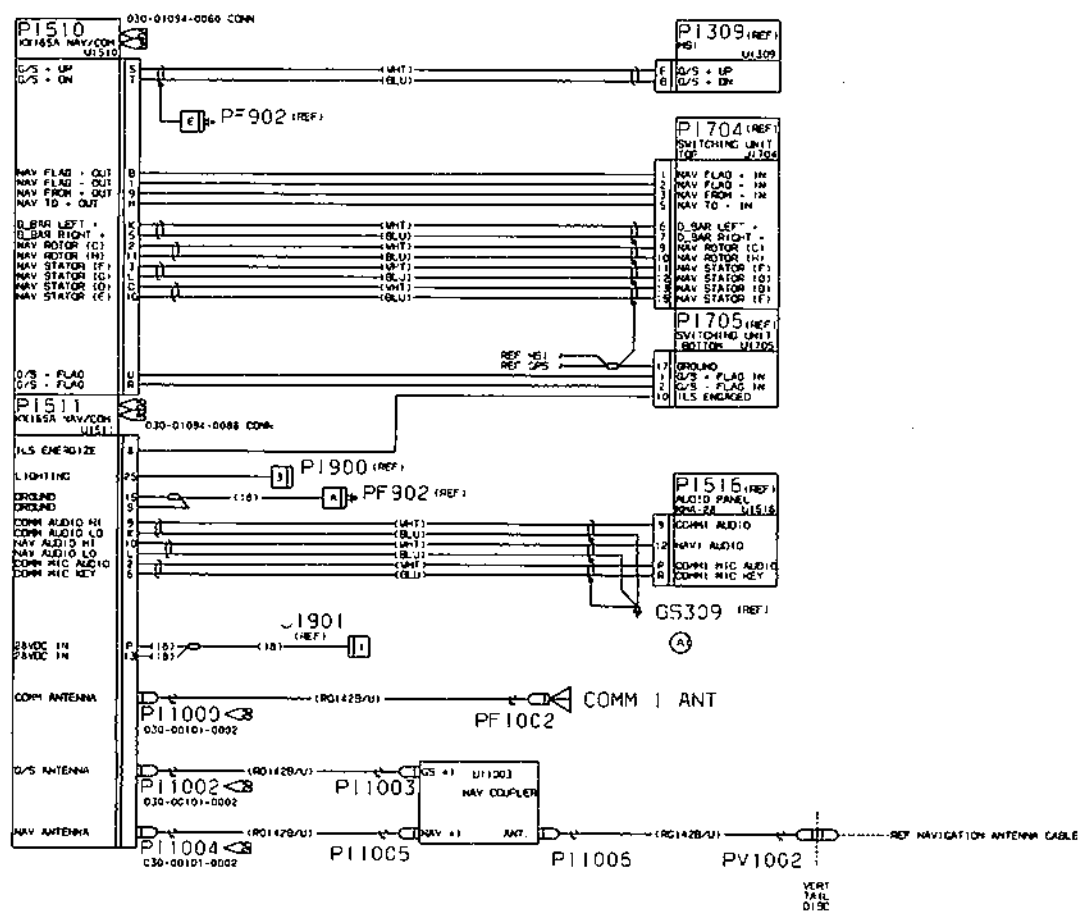
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
02			KX-155A NAV/COMM #1-NAV II W/HSI, ADF,MFD 17280984 THRU 17281097 172S8704 THRU 172S9062		
GS901	3910276-2		. GROUND STUD (ZONE 310)		01 R
PI704	RD50F10JVL0		. CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON S8113 & ON	01 R
PT303	030-01094-0051		. CONNECTOR NAVIGATION CONVERTER (ZONE 310)		01 R
	050-01555-0000		CONNECTOR KIT		01 R
UI704			. SWITCHING UNIT		RF R
UT303	066-4009-00		. CONVERTER NAV (ZONE 310)	V22373	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

ALL WIRES 22 GAUGE UNLESS OTHERWISE SPECIFIED
PART OF KK-165A INSTL KIT 050-03378-0000
INSTALL POLARIZING PIN BETWEEN PINS: 1 & 2
INSTALL POLARIZING PIN BETWEEN PINS 3 & 4



KX165A NAV/COMM I, NAV II W/HSI
FIGURE 03 (SHEET 1)

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CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

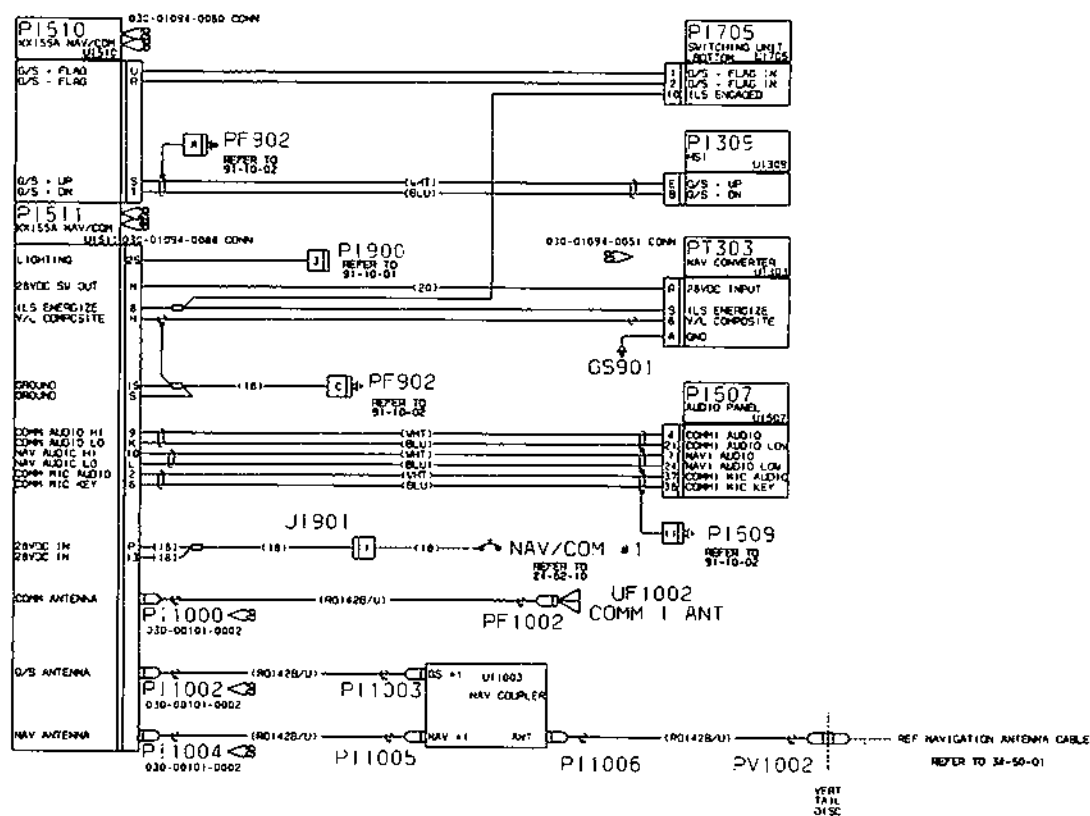
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
03		KX-165A NAV/COMM #1-NAV II W/HSI 17281098 & ON 172S9063 & ON		
GS309	3910276-2	GROUND STUD (ZONE 225)		01 R
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	S2353-5	PIN		AR R
PF1002	UG913A/U	CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		01 R
PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
	FC116N2	CONTACT		AR R
	FC120N2	CONTACT		AR R
PI1000	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
PI1002	030-00101-0002	CONNECTOR GLIDESLOPE ANTENNA (ZONE 225)	V22373	01 R
	050-03378-0000	CONNECTOR KIT		01 R
PI1003	UG88C/U	CONNECTOR COMM 1 ANTENNA (ZONE 220)		01 R
	S3284-1	ALTERNATE FOR UG88C/U		01 R
PI1004	030-00101-0002	CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
	050-03378-0001	CONNECTOR KIT		01 R
PI1005	UG88C/U	CONNECTOR NAV 1 ANTENNA COUPLER (ZONE 220)		01 R
	S3284-1	ALTERNATE FOR UG88C/U		01 R
PI1006	225555-6	CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT (ZONE 220)	V00779	01 R
PI309	030-02178-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01 R
	050-01344-0002	CONNECTOR KIT		01 R
	S2800-216	BACKSHELL		01 R
PI510	030-01094-0060	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
	050-03378-0000	CONNECTOR KIT		01 R
PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
	050-03378-0000	CONNECTOR KIT		01
	050-03378-0001	CONNECTOR KIT		01
PI516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
	050-03613-0001	CONNECTOR KIT		01 R
PI704	RD50F10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON S8113 & ON	01 R
PI705	RD50M10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON S8113 & ON	01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	LMD6106P	BUSSING MODULE	V49367	01 R
	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
PV1002	UG88C/U	CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340)		01 R
	S3284-1	ALTERNATE FOR UG88C/U		01 R
UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
UI309	066-3046-07	INDICATOR HSI	V22373	01 R
UI510	S3100-178	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80813 & ON S8320 & ON	01 R
UI511	S3100-179	NAV/COMM KX-155A (ZONE 211)	80813 & ON S8320 & ON	01 R
UI516	3910310-19	AUDIO PANEL KMA-28	80984 & ON S8704 & ON	01 R
UI704		SWITCHING UNIT		RF R
UI705		SWITCHING UNIT		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.
2. PART OF ALLIED SIGNAL INSTL KIT 050-03376-0000.
3. INSTALL POLARIZING PIN BETWEEN PINS 1 & 2.
4. INSTALL POLARIZING PIN BETWEEN PINS 3 & 4.
5. PART OF ALLIED SIGNAL INSTL KIT 050-01555-0000.



KX-155A NAV/COM #1 - NAV 11
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		KX-155A NAV/COMM #1-NAV II W/HSI 17280694 THRU 17280963 172S8113 THRU 172S8703 NAV III 172S8372 THRU 172S8703		
GS901	3910276-2	GROUND STUD (ZONE 310)		01 R
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	S2353-5	PIN		AR R
PF1002	UG913A/U	CONNECTOR COMM #1 ANTENNA COAX DISCONNECT (ZONE 210)		01 R
PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
	FC116N2	CONTACT		AR R
	FC120N2	CONTACT		AR R
PI1000	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
PI1002	030-00101-0002	CONNECTOR GLIDESLOPE ANTENNA (ZONE 225)	V22373	01 R
	050-03378-0000	CONNECTOR KIT		01 R
PI1003	UG88C/U	CONNECTOR COMM 1 ANTENNA (ZONE 220)		01 R
	S3284-1	ALTERNATE FOR UG88C/U		01 R
PI1004	030-00101-0002	CONNECTOR KX155A NAV/COMM DISCONNECT COAX (ZONE 225)	V22373	01 R
	050-03378-0001	CONNECTOR KIT		01 R
PI1005	UG88C/U	CONNECTOR NAV 1 ANTENNA COUPLER (ZONE 220)		01 R
	S3284-1	ALTERNATE FOR UG88C/U		01 R
PI1006	225555-6	CONNECTOR NAV/COMM ANTENNA COUPLER DISCONNECT (ZONE 220)	V00779	01 R
PI309	030-02178-0000	CONNECTOR HORIZONTAL SITUATION INDICATOR (ZONE 220)		01 R
	050-01344-0002	CONNECTOR KIT		01 R
	S2800-216	BACKSHELL		01 R
PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
PI510	030-01094-0060	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
	050-03378-0000	CONNECTOR KIT		01 R
PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
	050-03378-0000	CONNECTOR KIT		01
	050-03378-0001	CONNECTOR KIT		01
PI705	RD50M10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON S8113 & ON	01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	LMD6106P	BUSSING MODULE	V49367	01 R
	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
PT303	030-01094-0051	CONNECTOR NAVIGATION CONVERTER (ZONE 310)		01 R
	050-01555-0000	CONNECTOR KIT		01 R
PV1002	UG88C/U	CONNECTOR VERTICAL TAIL COAX DISCONNECT (ZONE 340)		01 R
	S3284-1	ALTERNATE FOR UG88C/U		01 R
UF1002	CI-128A	ANTENNA COMM #1 (ZONE 210)	V51351	01 R
UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
UI309	066-3046-07	INDICATOR HSI	V22373	01 R
UI507	066-01155-0101	PANEL AUDIO (ZONE 225)	V22373 80001 80601	01 R
	066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80602 80720 S8001 S8189	01 R
UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983 S8190 S8703	01 R
UI510	069-01032-0101	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	V22373 80001 80720 S8001 S8189	01 R
UI510	S3100-155	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80721 80812 S8190 S8319	01 R
UI510	S3100-178	NAV/COMM WITH GLIDESLOPE KX-155A (ZONE 210)	80813 & ON S8320 & ON	01 R
UI511	069-01032-0201	NAV/COMM KX-155A (ZONE 211)	V22373 80001 80720 S8001 S8189	01 R

- ITEM NOT ILLUSTRATED

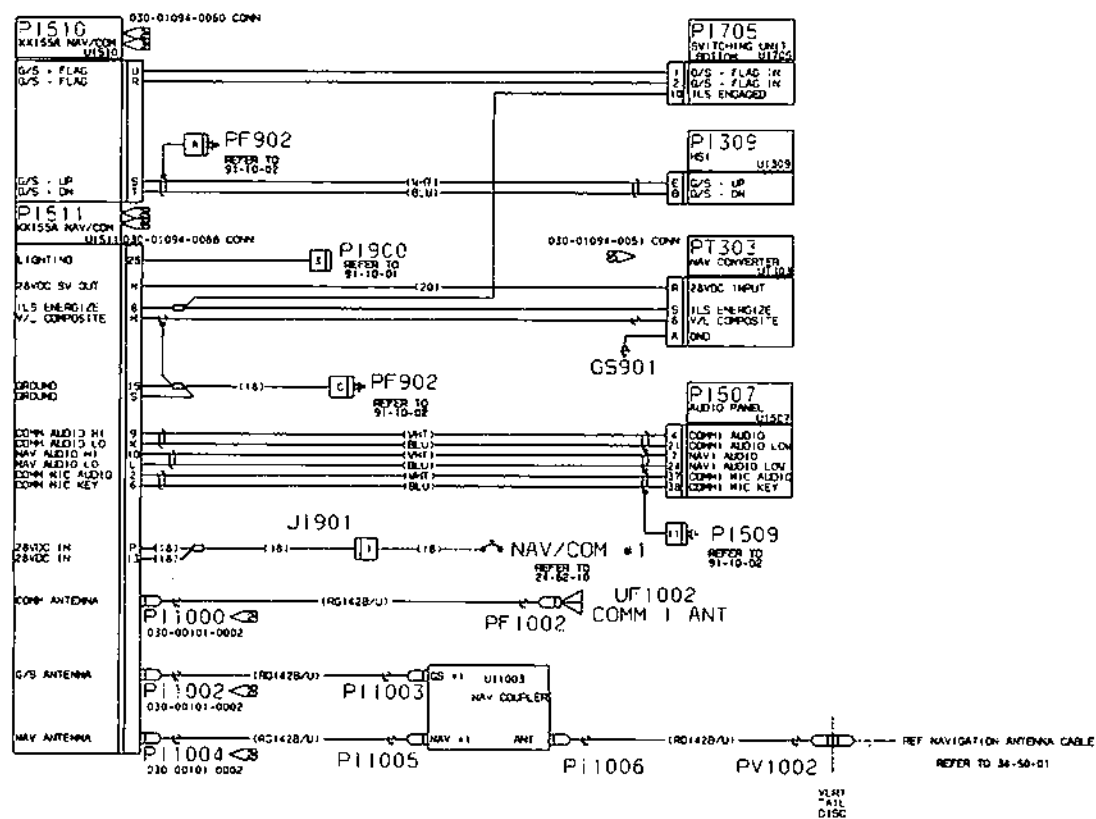
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.
2. PART OF ALL IED SIGNAL INSTL KIT 050-03178-0000.
3. INSTALL POLARIZING PIN BETWEEN PINS 1 & 2.
4. PART OF ALL IED SIGNAL INSTL KIT 050-01555-0000.



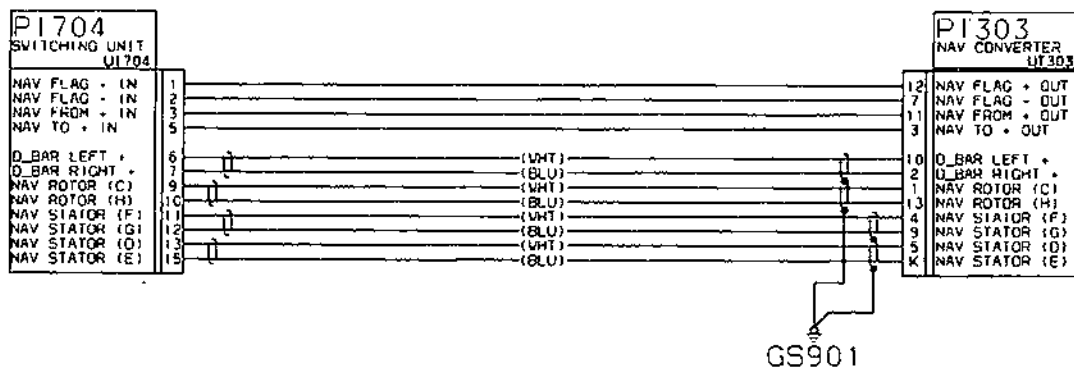
KX-155A NAV/COMM #1 - NAV II
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
UI511	S3100-156	. NAV/COMM KX-155A (ZONE 211).	80721 80812	01 R
UI511	S3100-179	. NAV/COMM KX-155A (ZONE 211).	S8190 S8319	01 R
UI705		. SWITCHING UNIT	80813 & ON	RF R
UT303	066-4009-00	. CONVERTER NAV (ZONE 310)	S8320 & ON	01 R
			V22373	

• ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



KX-155A NAV/COMM *1 - NAV I, NAV II
 W/HORIZONTAL SITUATION INDICATOR
 FIGURE 01 (SHEET 2)

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CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

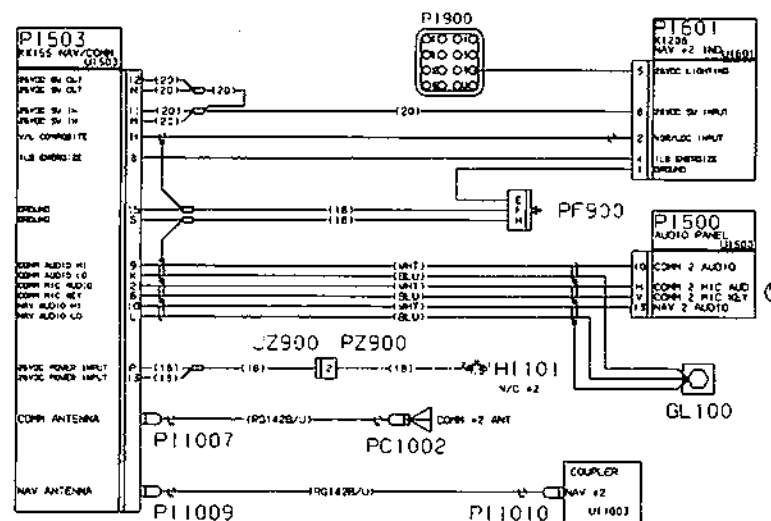
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			KX-155A NAV/COMM #1-NAV II W/HSI 17280694 THRU 17280983 172S8113 THRU 172S8703 NAV III 172S8372 THRU 172S8703		
GS901	3910276-2		GROUND STUD (ZONE 310)		01 R
PI704	RD50F10JVL0		CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON S8113 & ON	01 R
PT303	030-01094-0051		CONNECTOR NAVIGATION CONVERTER (ZONE 310)		01 R
	050-01555-0000		CONNECTOR KIT		01 R
UI704			SWITCHING UNIT		REF R
UT303	066-4009-00		CONVERTER NAV (ZONE 310)	V22373	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.



KX-155 NAV/COMM #2 W/K1208 INDICATOR
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

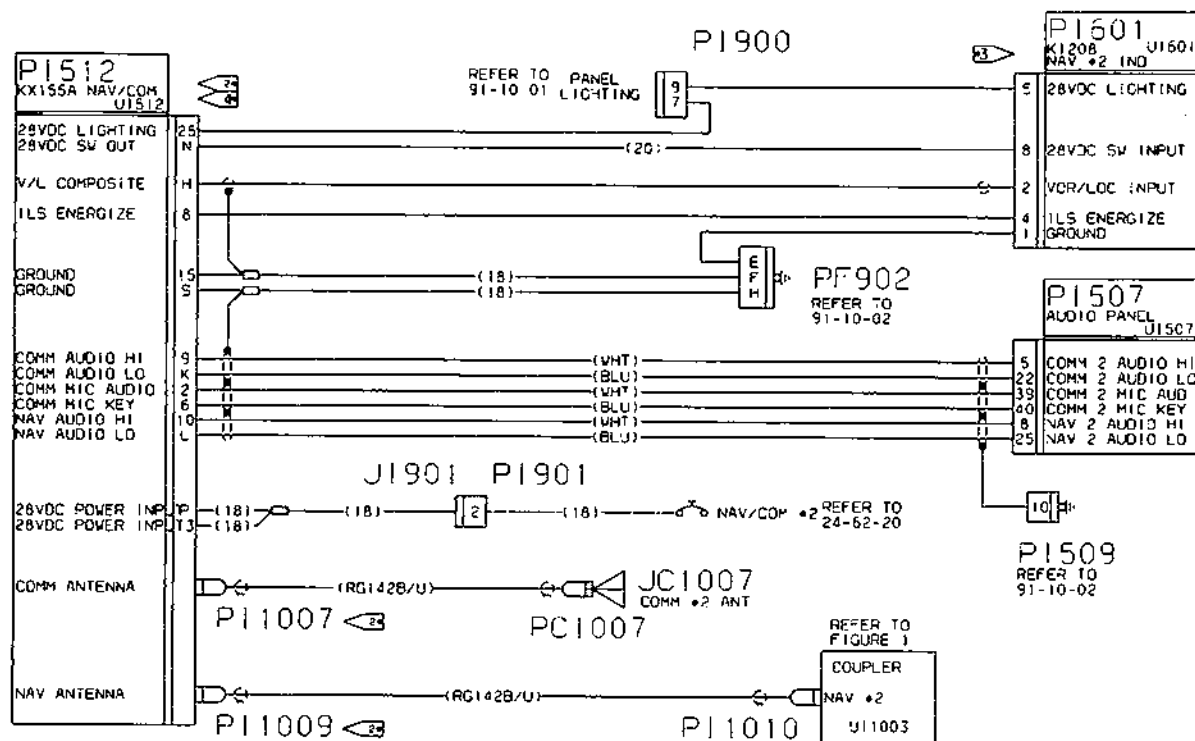
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			KX-155 NAV/COMM #2 W/KI208 INDICATOR 17280001 THRU 17280003		
	GL100		GROUND		RF R
	HI101	S1360-8L	CIRCUIT BREAKER NAV/COMM #1 (ZONE 224)		01 R
	JZ900	S2350-3	CONNECTOR (ZONE 220)		01 R
		S2353-4	PINS		AR R
		S2353-5	PINS		AR R
	PC1002	UG88C/U	CONNECTOR COMM #2 ANTENNA (ZONE 210)		01 R
	PF900		CONNECTOR GROUND (ZONE 221)		RF R
	PI1007	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI1009	030-00101-0002	CONNECTOR NAV UNIT ANTENNA DISCONNECT (ZONE 225)	V22373	01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI1010	UG88C/U	CONNECTOR NAV COUPLER DISCONNECT (ZONE 220)		01 R
		S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI500	030-1094-58	PANEL AUDIO (ZONE 225)	V22373	01 R
		030-1107-46	PIN	V22373	AR R
	PI503	030-01094-059	CONNECTOR KX-155 NAV/COMM #2 (ZONE 225)		01 R
		030-01107-0030	PIN		AR R
	PI601	030-02227-0005	CONNECTOR KI208 INDICATOR DISCONNECT (ZONE 220)		01 R
		030-01550-0000	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	BUSSING MODULE	V49367	01 R
		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	PZ900	S2349-1	CONNECTOR WING LEVELER DISCONNECT (ZONE 220)		01 R
		S2099-3	CONTACTS		AR R
		S2099-4	CONTACTS		AR R
	UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
	UI500		PANEL AUDIO		RF R
	UI503	S3100-157	INDICATOR KI208 NAV		01 R
	UI601	S3100-157	INDICATOR KI208 NAV (ZONE 211)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAUGE UNLESS OTHERWISE SPECIFIED.
2. PART OF ALLIED SIGNAL INSTL KIT 050-03378-0001.
3. PART OF ALLIED SIGNAL INSTL KIT 050-01553-0000.
4. INSTALL POLARIZING PIN BETWEEN PINS 3 & 4.



CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

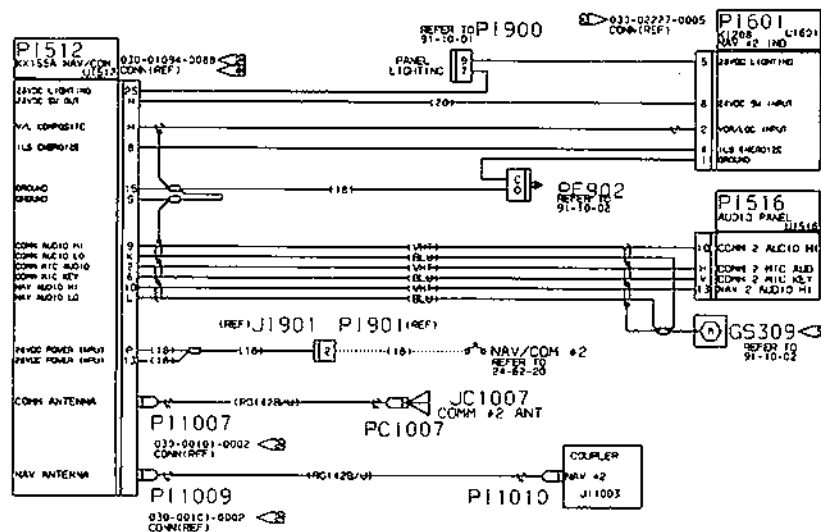
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES	DES			FROM TO	PER ASSY
02			KX-155A NAV/COMM #2-NAV I, NAV II, NAV II W/HSI 17280004 THRU 17280983 172S8001 THRU 172S8703 NAV III 172S8372 THRU 172S8703		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	-	S2353-5	PIN		AR R
	PC1007	UG913A/U	CONNECTOR COMM #2 ANTENNA COAX DISCONNECT (ZONE 340)		01 R
	PF902	SK2701	CONNECTOR GROUND (ZONE 221)	V28198	01 R
	-	FC116N2	CONTACT		AR R
	-	FC120N2	CONTACT		AR R
	PI1007	030-00101-0002	CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE 225)	V22373	01 R
	-	050-03378-0001	CONNECTOR KIT		01 R
	PI1009	030-00101-0002	CONNECTOR NAV UNIT ANTENNA DISCONNECT (ZONE 225)	V22373	01 R
	-	050-03378-0001	CONNECTOR KIT		01 R
	PI1010	UG88C/U	CONNECTOR NAV COUPLER DISCONNECT (ZONE 220)		01 R
	-	S3284-1	ALTERNATE FOR UG88C/U		01 R
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
	PI512	030-01094-0088	CONNECTOR (ZONE 225)		01 R
	-	050-03378-0001	CONNECTOR KIT		01 R
	PI601	030-02227-0005	CONNECTOR KI208 INDICATOR DISCONNECT (ZONE 220)		01 R
	-	030-01550-0000	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	-	LMD6106P	BUSSING MODULE	V49367	01 R
	-	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224)		01 R
	-	S2099-3	CONTACT		AR R
	-	S2099-4	CONTACT		AR R
	UC1007	CI-128A	ANTENNA COMM #2 (ZONE 210)	V51351	01 R
	UI1003	S2473-1	COUPLER NAV ANTENNA (ZONE 210)		01 R
	UI507	066-01155-0101	PANEL AUDIO (ZONE 225)	V22373 80001 80601	01 R
	-	066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
	UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80602 80720	01 R
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80001 80721 80812 80813 & ON	01 R
	UI512	069-01032-0201	NAV/COMM KX-155A (ZONE 211)	V22373 80001 80720 80812 80813 & ON	01 R
	UI512	S3100-156	NAV/COMM KX-155A (ZONE 211)	80001 80721 80812 80813 & ON	01 R
	UI512	S3100-179	NAV/COMM KX-155A (ZONE 211)	80001 80721 80812 80813 & ON	01 R
	UI601	S3100-157	INDICATOR KI208 NAV (ZONE 211)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 GAGE UNLESS OTHERWISE SPECIFIED.
 2. PART OF ALLIED SIGNAL INSTALLATION KIT 050-03378-0001.
 3. PART ON ALLIED SIGNAL INSTALLATION KIT 05C-01550-0000.
 4. INSTALL POLARIZED PIN BETWEEN PINS 3 & 4.
 5. GROUND 5'LD LOCATED ON THE BACK OF THE AUDIO PANEL RACK.



KX-155A NAV/COMM #2 - NAV 1, NAV 11
FIGURE 03 (SHEET 1)

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Figure 03
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CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
			1 2 3 4 5 6 7		
03			KX-155A NAV/COMM #2-NAV I, NAV I W/ADF, NAV II		
			17280984 & ON		
			172S8704 & ON		
GS309	3910276-2		GROUND STUD (ZONE 225)		01 R
JI901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE		01 R
			220)		
-		S2353-5	.. PIN		AR R
PC1007	UG913A/U		CONNECTOR COMM #2 ANTENNA COAX DISCONNECT (ZONE		01 R
			340)		
PF902	SK2701		CONNECTOR GROUND (ZONE 221)	V28198	01 R
-		FC116N2	.. CONTACT		AR R
-		FC120N2	.. CONTACT		AR R
PI1007	030-00101-0002		CONNECTOR KX155A NAV/COMM COAX DISCONNECT (ZONE	V22373	01 R
			225)		
-		050-03378-0001	CONNECTOR KIT		01 R
PI1009	030-00101-0002		CONNECTOR NAV UNIT ANTENNA DISCONNECT (ZONE 225) . .	V22373	01 R
-		050-03378-0001	CONNECTOR KIT		01 R
PI1010	UG88C/U		CONNECTOR NAV COUPLER DISCONNECT (ZONE 220)		01 R
-		S3284-1	ALTERNATE FOR UG88C/U		01 R
PI512	030-01094-0088		CONNECTOR (ZONE 225)		01 R
-		050-03378-0001	CONNECTOR KIT		01 R
PI516	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-		050-03613-0001	CONNECTOR KIT		01 R
PI601	030-02227-0005		CONNECTOR KI208 INDICATOR DISCONNECT (ZONE 220)		01 R
-		030-01550-0000	CONNECTOR KIT		01 R
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-		LMD6106P	.. BUSSING MODULE	V49367	01 R
-		LMS01T-TL	.. SPLICE CONNECTOR	V49367	01 R
PI901	S2349-1		CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-		S2099-3	.. CONTACT		AR R
-		S2099-4	.. CONTACT		AR R
UC1007	CI-128A		ANTENNA COMM #2 (ZONE 210)	V51351	01 R
UI1003	S2473-1		COUPLER NAV ANTENNA (ZONE 210)		01 R
UI512	S3100-179		NAV/COMM KX-155A (ZONE 211)	80813 & ON	01 R
				S8320 & ON	
UI516	3910310-19		AUDIO PANEL KMA-28	80984 & ON	01 R
				S8704 & ON	
UI601	S3100-157		INDICATOR KI208 NAV (ZONE 211)		01 R

- ITEM NOT ILLUSTRATED

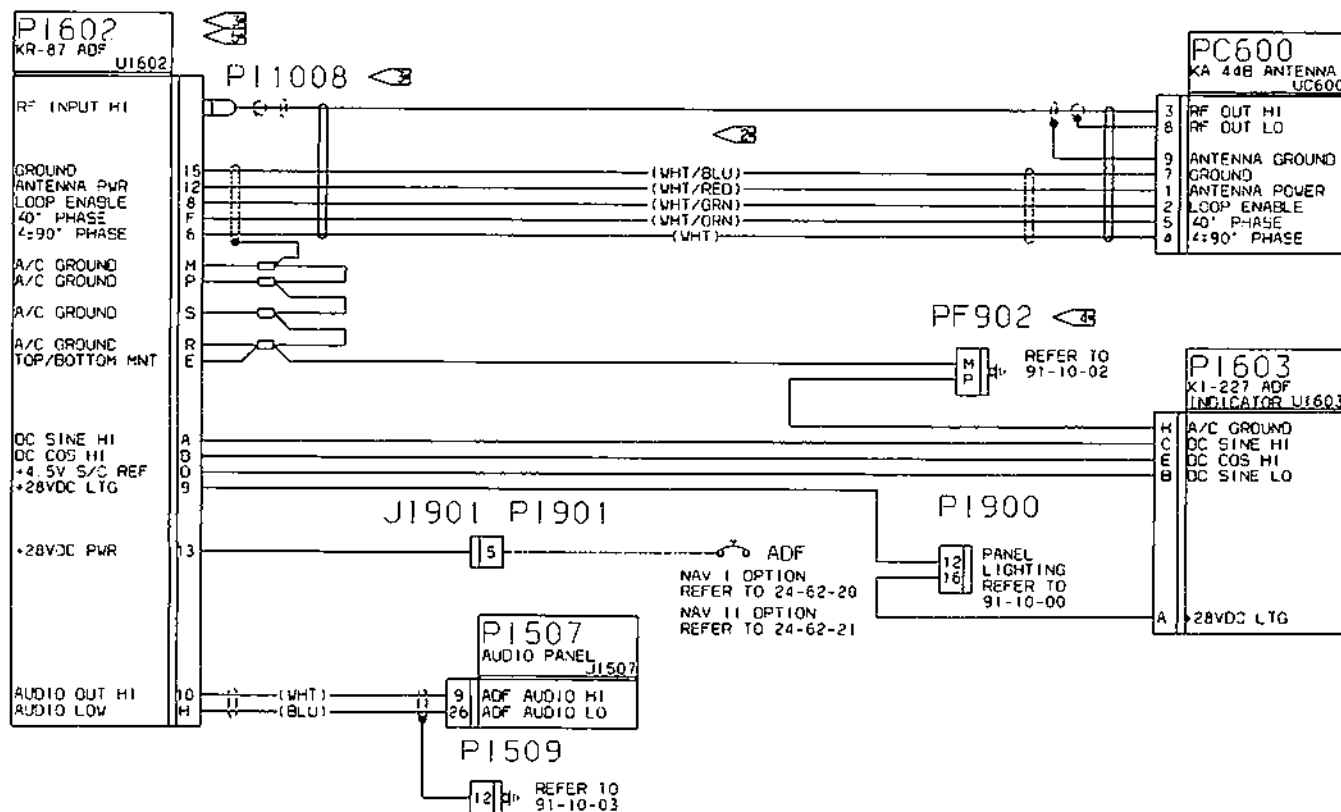
Figure 03

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

- 1 ALL WIRES 22 AWG. EXCEPT AS NOTED.
- 2 ANTENNA CABLE ASSY. 230-02585-0004. INCLUDES THE PC600 CONNECTOR.
- 3 PART OF ALLIED SIGNAL INSTL KIT 050-01756-0004.
- 4 PART OF ALLIED SIGNAL INSTL KIT 050-01808-0001.
- 5 INSTALL POLARIZING PIN BETWEEN PINS 5 & 6.



KR-87 ADF
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

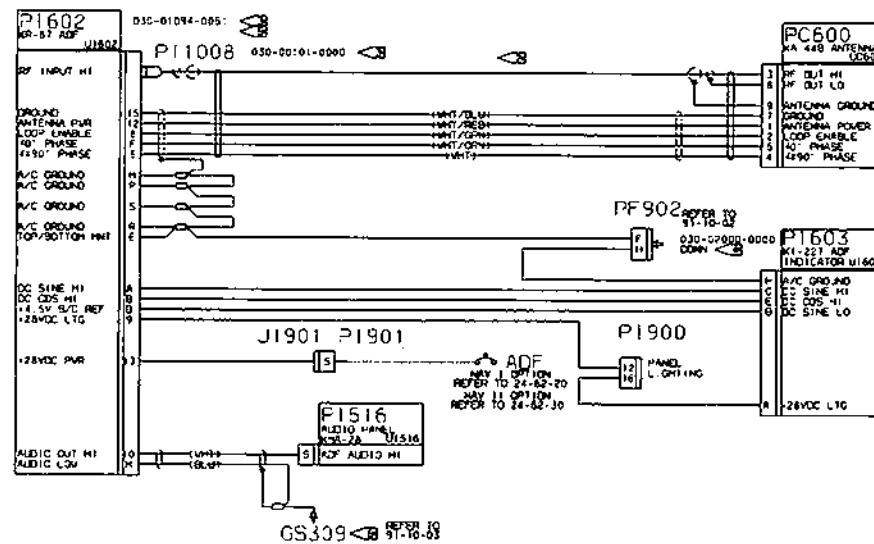
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		KR-87 AUTOMATIC DIRECTION FINDER-NAV I AND NAV II 17280001 THRU 172S80983 172S8001 THUR 172S8703		
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	.. PIN		AR R
PC600	MS27473E12F35P	CONNECTOR ADF ANTENNA DISCONNECT (ZONE 210)		01 R
PF902	SK2701	CONNECTOR GROUND (ZONE 221) V28198		01 R
-	FC116N2	.. CONTACT		AR R
-	FC120N2	.. CONTACT		AR R
PI1008	030-00101-0000	CONNECTOR KR-87 ADF COAX (ZONE 225) V22373		01 R
-	050-01756-0004	CONNECTOR KIT		01 R
-	076-01042-0001	.. FERRULE	V22373	AR R
PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225) V22373		01 R
PI602	030-1094-0051	CONNECTOR KR-87 ADF DISCONNECT (ZONE 220)		01 R
-	050-01756-0004	CONNECTOR KIT		01 R
-	030-01107-0030	.. PIN	V22373	AR R
PI603	030-2000-0000	CONNECTOR KI-227 ADF INDICATOR DISCONNECT (ZONE 220) .		01 R
-	050-01808-0001	CONNECTOR KIT		01 R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P	.. BUSSING MODULE	V49367	01 R
-	LMS01T-TL	.. SPLICE CONNECTOR	V49367	01 R
PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-	S2099-3	.. CONTACT		AR R
-	S2099-4	.. CONTACT		AR R
UC600	071-01234-0000	ANTENNA KA-44B ADF (ZONE 310) V22373		01 R
UI507	066-01155-0101	PANEL AUDIO (ZONE 225) V22373	80001 80601	01 R
-	066-01155-0201	ALTERNATE FOR 066-01155-0101	V22373	01 R
UI507	066-01155-0201	PANEL AUDIO (ZONE 225) V22373	80602 80720	01 R
			S8001 S8189	
UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01 R
			S8190 S8703	
UI602	066-01072-0014	RECEIVER KR-87 ADF (ZONE 225) V22373		01 R
UI603	066-03063-0000	INDICATOR KI-227 ADF (ZONE 225) V22373		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRES 22 AWG. EXCEPT AS NOTED.
2. ANTENNA CABLE ASSY. 730-02588-0004, INCLUDES THE PC500 CONNECTOR.
3. PART OF ALLIED SIGNAL INSTL KIT 850-01753-0004.
4. PART OF ALLIED SIGNAL INSTL KIT 850-01808-0001.
5. INSTALL POLARIZING PIN BETWEEN PINS 5 & 6.
6. GROUND STUD IS LOCATED ON THE BACK OF THE AUDIO PANEL RACK.



KR-87 ADF - NAV I, NAV II
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

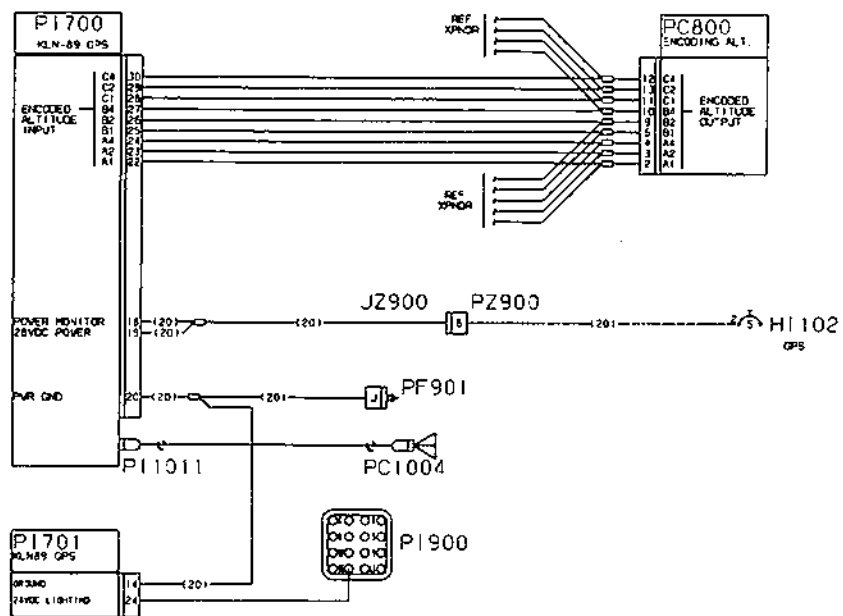
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
02		KR-87 AUTOMATIC DIRECTION FINDER-NAV I, NAV II		
		17280984 & ON		
		172S8704 & ON		
GS309	3910276-2	. GROUND STUD (ZONE 225)		01 R
J1901	S2350-3	. CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	. . PIN		AR R
PC600	MS27473E12F35P	. CONNECTOR ADF ANTENNA DISCONNECT (ZONE 210)		01 R
PF902	SK2701	. CONNECTOR GROUND (ZONE 221) V28198		01 R
-	FC118N2	. . CONTACT		AR R
-	FC120N2	. . CONTACT		AR R
PI1008	030-00101-0000	. CONNECTOR KR-87 ADF COAX (ZONE 225) V22373		01 R
-	050-01756-0004	. CONNECTOR KIT		01 R
-	076-01042-0001	. . FERRULE	V22373	AR R
PI516	030-01094-0058	. CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)		01 R
-	050-03613-0001	. CONNECTOR KIT		01 R
PI602	030-1094-0051	. CONNECTOR KR-87 ADF DISCONNECT (ZONE 220)		01 R
-	050-01756-0004	. CONNECTOR KIT		01 R
-	030-01107-0030	. . PIN	V22373	AR R
PI603	030-2000-0000	. CONNECTOR KI-227 ADF INDICATOR DISCONNECT (ZONE 220) .		01 R
-	050-01808-0001	. CONNECTOR KIT		01 R
PI900	S3070-9	. CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P	. . BUSSING MODULE	V49367	01 R
-	LMS01T-TL	. . SPLICE CONNECTOR	V49367	01 R
PI901	S2349-1	. CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
-	S2099-3	. . CONTACT		AR R
-	S2099-4	. . CONTACT		AR R
UC600	071-01234-0000	. ANTENNA KA-44B ADF (ZONE 310) V22373		01 R
UI516	3910310-19	. AUDIO PANEL KMA-28	80984 & ON S8704 & ON	01 R
UI602	066-01072-0014	. RECEIVER KR-87 ADF (ZONE 225) V22373		01 R
UI603	066-03063-0000	. INDICATOR KI-227 ADF (ZONE 225) V22373		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE IS 22AWG EXCEPT AS NOTED



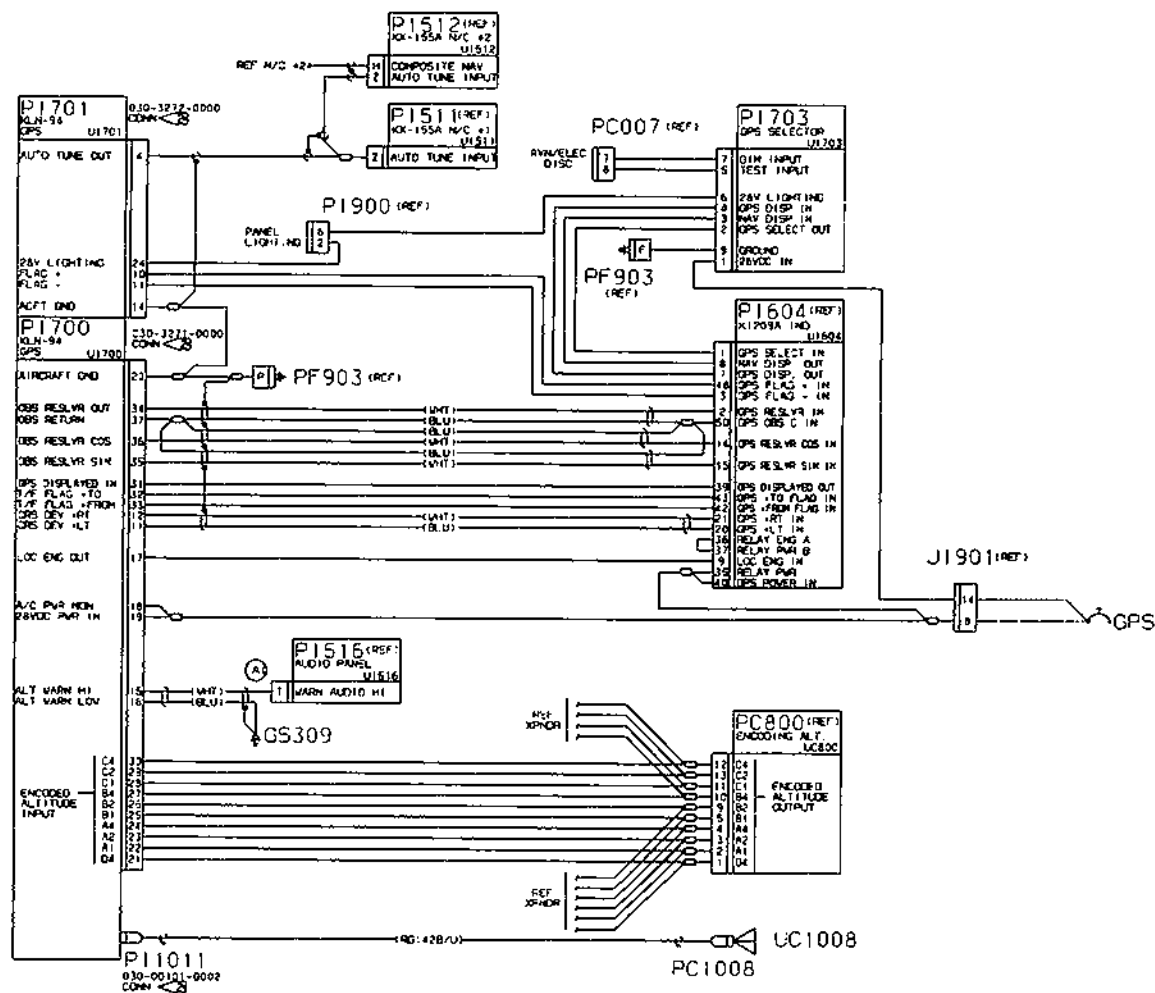
KLN-89 GPS
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
			1 2 3 4 5 6 7		
01			KLN-89 GLOBAL POSITIONING SYSTEM		
			17280001 THRU 17280003		
	H1102	S1360-5L	. CIRCUIT BREAKER GPS		01 R
	JZ900	S2350-3	. CONNECTOR (ZONE 220).		01 R
-		S2353-4	. . PINS		AR R
-		S2353-5	. . PINS		AR R
	PC1004	225555-6	. CONNECTOR GPS ANTENNA	V00779 1728000117280008	01 R
-		79125	. . ADAPTER	V13511	01 R
	PC800	M24308/2-2	. CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
-		M24308/25-9	. . SCREW LOCK ASSEMBLY		01 R
-		M85049/48-2-2F	. . CLAMP ALTERNATE FOR S2492-1		01 R
-		S2492-1	. . CLAMP		01 R
	PF901	S2526-1	. CONNECTOR GROUND		01 R
-		S2099-4	. . CONTACT		AR R
	PI1011	030-00101-0002	. CONNECTOR GPS RECEIVER (ZONE 225).	V22373	01 R
-		050-03321-0000	. CONNECTOR KIT	V22373	01 R
	PI700	030-03271-0000	. CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
-		050-03321-0000	. CONNECTOR KIT		01 R
	PI701	030-03272-0000	. CONNECTOR GPS RECEIVER (ZONE 225).		01 R
	PI900	S3070-9	. CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-		LMD6106P	. . BUSSING MODULE	V49367	01 R
-		LMS01T-TL	. . SPLICE CONNECTOR	V49367	01 R
	PZ900	S2349-1	. CONNECTOR WING LEVELER DISCONNECT (ZONE 220)		01 R
-		S2099-3	. . CONTACTS		AR R
-		S2099-4	. . CONTACTS		AR R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:
 ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
 PART OF ALLED SIGNAL KIT 030-3232-0000.

KLN-94 GPS
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

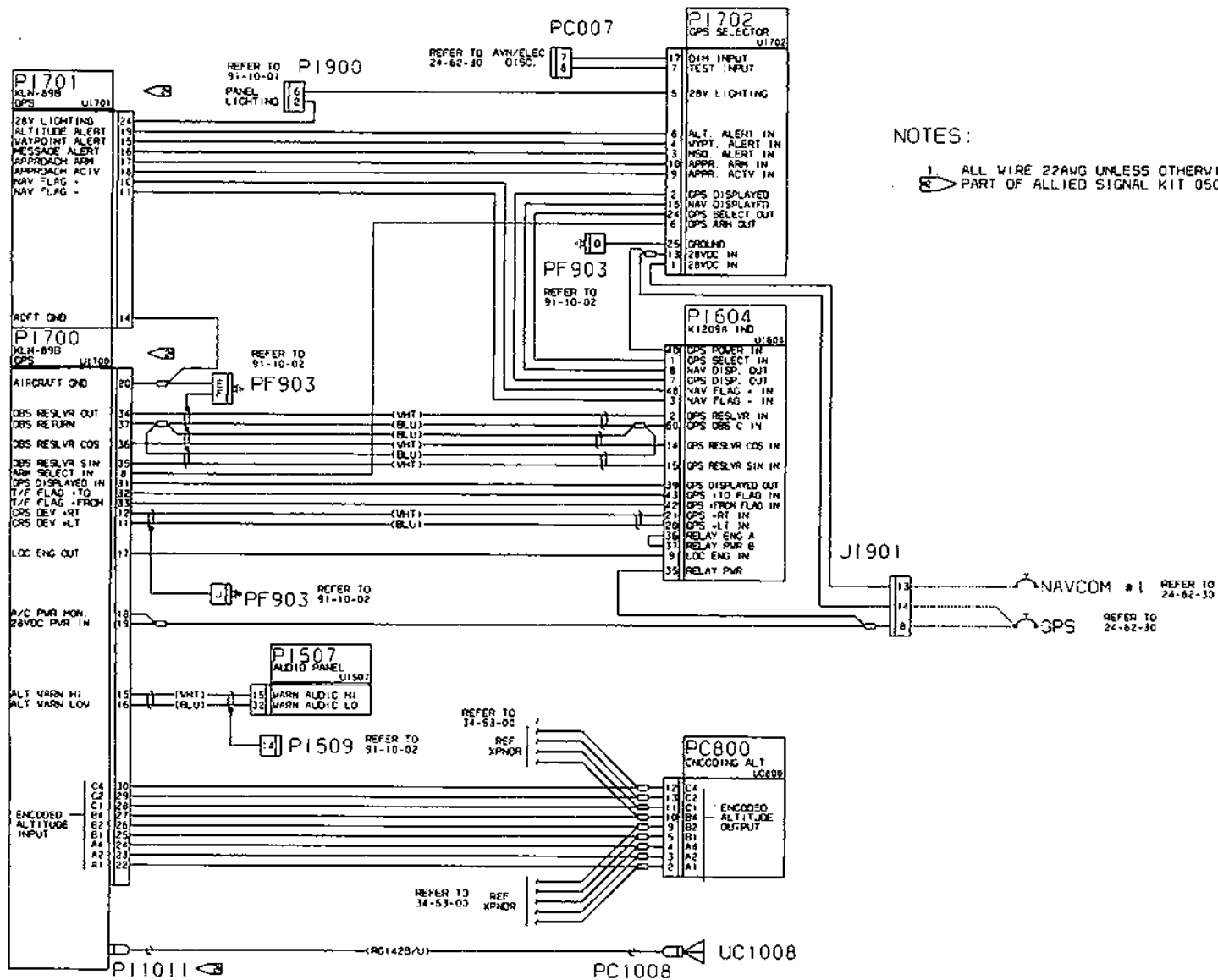
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
02			KLN-89 GLOBAL POSITIONING SYSTEM		
			17280004 THRU 17280983		
			172S8001 THRU 172S8703		
GS309	3910276-2	GROUND STUD (ZONE 225)			01 R
JI901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)			01 R
-	S2353-5	PIN			AR R
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220)			01 R
-	S1635-1	PIN			AR R
PC1008	225555-6	CONNECTOR NAV/COMM ANTENNA COAX DISCONNECT (ZONE V00779 210)			01 R
-	79125	ADAPTER	V13511		01 R
PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)			01 R
-	M24308/25-9	SCREW LOCK ASSEMBLY			01 R
-	M85049/48-2-2F	CLAMP ALTERNATE FOR S2492-1			01 R
-	S2492-1	CLAMP			01 R
PF903	SK2701	CONNECTOR (ZONE 221)			01 R
-	FC120N2	CONTACT	V28198		AR R
PI1011	030-00101-0002	CONNECTOR GPS RECEIVER (ZONE 225)	V22373		01 R
-	050-03321-0000	CONNECTOR KIT	V22373		01 R
PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)			01 R
-	050-03378-0000	CONNECTOR KIT			01
-	050-03378-0001	CONNECTOR KIT			01
PI512	030-01094-0088	CONNECTOR (ZONE 225)			01 R
-	050-03378-0001	CONNECTOR KIT			01 R
PI516	030-01094-0058	CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225)			01 R
-	050-03613-0001	CONNECTOR KIT			01 R
PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)			01 R
-	050-01550-0001	CONNECTOR KIT			01 R
PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)			01 R
-	050-03321-0000	CONNECTOR KIT			01 R
PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225)			01 R
PI703	RD9F00JVLO	CONNECTOR NAV/GPS SWITCH ANNUNCIATOR (ZONE 220)	V28198		01 R
-	FC6020D	CONTACT	V28198		AR R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)			01 R
-	LMD6106P	BUSSING MODULE	V49367		01 R
-	LMS01T-TL	SPLICE CONNECTOR	V49367		01 R
UC1008	070-01553-0200	ANTENNA GPS (ZONE 210)			01 R
-	187-01831-0000	GASKET			01 R
UC800	SSD120-20	ENCODING ALTIMETER (ZONE 225)	V57323	80001 80700	01 R
				S8001 S8114	
UC800	SSD120-30A	ENCODING ALTIMETER (ZONE 225)	V57323	80701 & ON	01 R
				S8115 & ON	
UI511	069-01032-0201	NAV/COMM KX-155A (ZONE 211)	V22373	80001 80720	01 R
				S8001 S8189	
UI511	S3100-156	NAV/COMM KX-155A (ZONE 211)		80721 80812	01 R
				S8190 S8319	
UI511	S3100-179	NAV/COMM KX-155A (ZONE 211)		80813 & ON	01 R
				S8320 & ON	
UI512	069-01032-0201	NAV/COMM KX-155A (ZONE 211)	V22373	80001 80720	01 R
				S8001 S8189	
UI512	S3100-156	NAV/COMM KX-155A (ZONE 211)		80721 80812	01 R
				S8190 S8319	
UI512	S3100-179	NAV/COMM KX-155A (ZONE 211)		80813 & ON	01 R
				S8320 & ON	
UI516	3910310-19	AUDIO PANEL KMA-28		80984 & ON	01 R
				S8704 & ON	
UI604	S3100-158	INDICATOR KI-209A (ZONE 210)		80780 & ON	01 R
				S8262 & ON	
UI700	066-01148-1111	RECEIVER GPS (ZONE 225)	V22373	80001 80983	01 R
				S8001 S8703	
UI701	066-01148-1111	RECEIVER GPS (ZONE 225)		17280001172809701	01 R
				172S8001172S8703	
UI703		SELECTOR GPS			RF R

- ITEM NOT ILLUSTRATED

Figure 02

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

1. ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
2. PART OF ALLIED SIGNAL KIT 050-C3321-0000.

KLN-89B GPS
FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

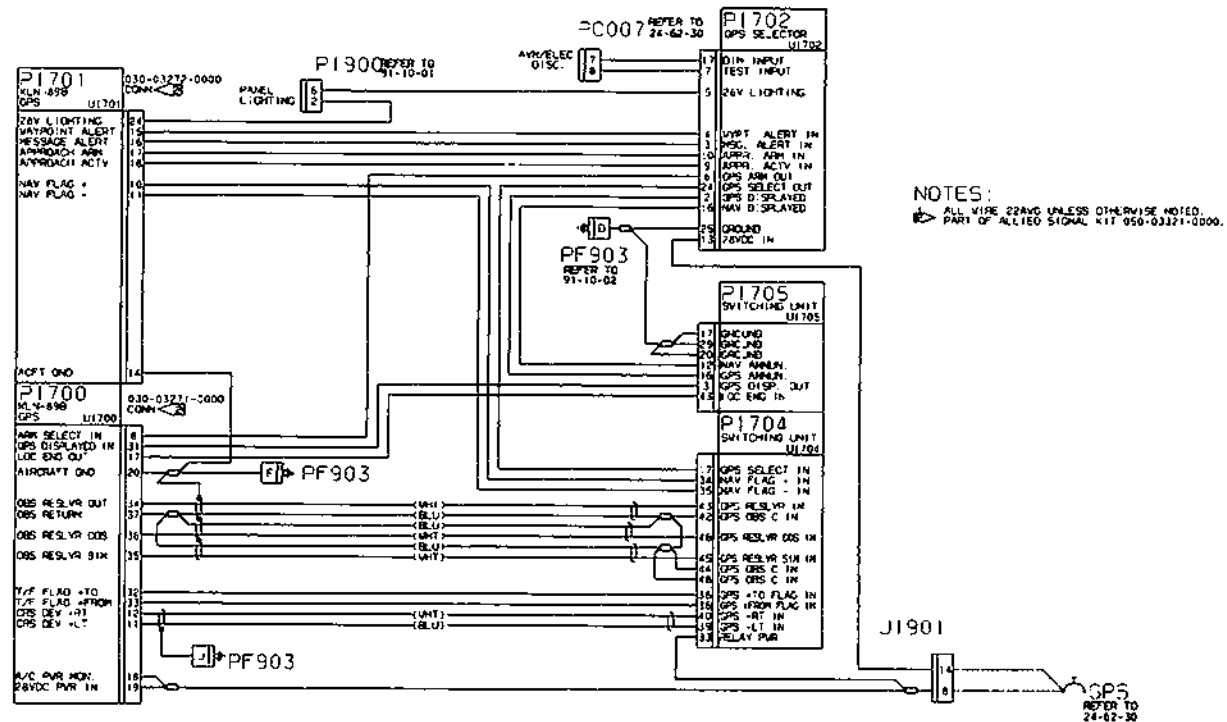
FIG REF DES	PART NUMBER	NOMENCLATURE	EFFECTIVITY FROM TO	UNITS PER ASSY
		1 2 3 4 5 6 7		
01		KLN-89B GLOBAL POSITIONING SYSTEM 17280001 THRU 17280851 172S8001 THUR 172S8371 NAV III 172S8348 THUR 172S8371		
J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5	. . . PIN		AR R
PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-	S1635-1	. . . PIN		AR R
PC1008	225555-6	CONNECTOR NAV/COMM ANTENNA COAX DISCONNECT (ZONE V00779 210)		01 R
-	79125	. . . ADAPTER V13511		01 R
PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
-	M24308/25-9	. . . SCREW LOCK ASSEMBLY		01 R
-	M85049/48-2-2F	. . . CLAMP ALTERNATE FOR S2492-1		01 R
-	S2492-1	. . . CLAMP		01 R
PF903	SK2701	CONNECTOR (ZONE 221).		01 R
-	FC120N2	. . . CONTACT V28198		AR R
PI1011	030-00101-0002	CONNECTOR GPS RECEIVER (ZONE 225). V22373		01 R
-	050-03321-0000	CONNECTOR KIT V22373		01 R
PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225) V22373		01 R
PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01 R
-	050-01550-0001	CONNECTOR KIT		01 R
PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
-	050-03321-0000	CONNECTOR KIT		01 R
PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225).		01 R
PI702	RD25F00JVL0	CONNECTOR NAV/GPS SWITCH ANNUNCIATOR (ZONE 220). . . V28198		01 R
-	FC6020D	. . . CONTACT V28198		AR R
PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P	. . . BUSSING MODULE V49367		01 R
-	LMS01T-TL	. . . SPLICE CONNECTOR V49367		01 R
UC1008	070-01553-0200	ANTENNA GPS (ZONE 210)		01 R
-	187-01831-0000	. . . GASKET		01 R
UC800	SSD120-20	ENCODING ALTIMETER (ZONE 225) V57323	80001 80700	01 R
			S8001 S8114	
UC800	SSD120-30A	ENCODING ALTIMETER (ZONE 225) V57323	80701 & ON	01 R
			S8115 & ON	
UI507	066-01155-0101	PANEL AUDIO (ZONE 225) V22373	80001 80601	01 R
-	066-01155-0201	ALTERNATE FOR 066-01155-0101 V22373		01 R
UI507	066-01155-0201	PANEL AUDIO (ZONE 225) V22373	80602 80720	01 R
			S8001 S8189	
UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983	01 R
			S8190 S8703	
UI604	S3100-158	INDICATOR KI-209A (ZONE 210)	80780 & ON	01 R
			S8262 & ON	
UI700	066-01148-1111	RECEIVER GPS (ZONE 225) V22373	80001 80983	01 R
			S8001 S8703	
UI701	066-01148-1111	RECEIVER GPS (ZONE 225)	17280001172809701	R
			172S8001172S8703	
UI702	MD41-228	SELECTOR GPS	17280001172809801	R
			172S8001172S8703	

- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



KLN-898 GPS - NAV II
 W/HORIZONTAL SITUATION INDICATOR
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

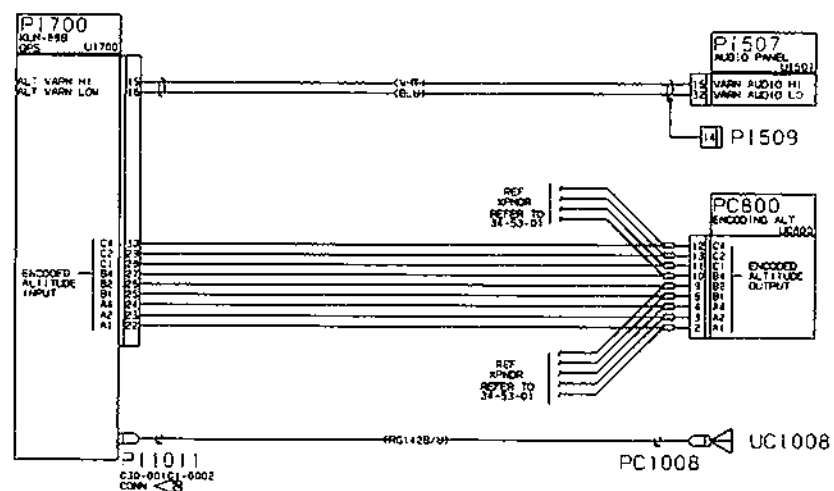
MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1234567			
01			KLN-89B GLOBAL POSITIONING SYSTEM W/HSI 17280694 THRU 17280851 172S8113 THRU 172S8347		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	.. PIN		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220) .		01 R
		S1635-1	.. PIN		AR R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
		FC120N2	.. CONTACT	V28198	AR R
	PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
		050-03321-0000	CONNECTOR KIT		01 R
	PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225)		01 R
	PI702	RD25F00JVL0	CONNECTOR NAV/GPS SWITCH ANNUNCIATOR (ZONE 220)	V28198	01 R
		FC6020D	.. CONTACT	V28198	AR R
	PI704	RD50F10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V28198 80694 & ON S8113 & ON	01 R
	PI705	RD50M10JVL0	CONNECTOR RELAY SWITCHING UNIT (ZONE 221)	V29198 80694 & ON S8113 & ON	01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	.. BUSSING MODULE	V49367	01 R
		LMS01T-TL	.. SPLICE CONNECTOR	V49367	01 R
	UI700	066-01148-1111	RECEIVER GPS (ZONE 225)	V22373 80001 80983 S8001 S8703	01 R
	UI701	066-01148-1111	RECEIVER GPS (ZONE 225)	1728000117280977 172S8001172S8703	01 R
	UI702	MD41-228	SELECTOR GPS	1728000117280988 172S8001172S8703	01 R
	UI704		SWITCHING UNIT		RF R
	UI705		SWITCHING UNIT		RF R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



KLN-898 GPS - NAV II
 W/HORIZONTAL SITUATION INDICATOR
 FIGURE 01 (SHEET 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

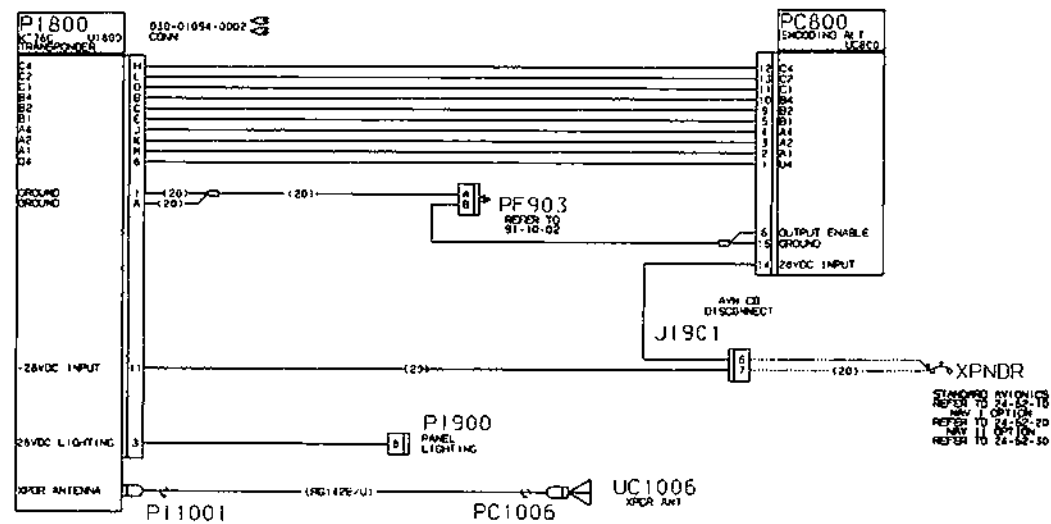
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			KLN-89B GLOBAL POSITIONING SYSTEM W/HSI 17280694 THRU 17280851 172S8113 THRU 172S8347		
	PC1008	225555-6	CONNECTOR NAV/COMM ANTENNA COAX DISCONNECT (ZONE V00779 210)		01 R
		79125	ADAPTER	V13511	01 R
	PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
		M24308/25-9	SCREW LOCK ASSEMBLY		01 R
		M85049/48-2-2F	CLAMP ALTERNATE FOR S2492-1		01 R
		S2492-1	CLAMP		01 R
	PI1011	030-00101-0002	CONNECTOR GPS RECEIVER (ZONE 225)	V22373	01 R
		050-03321-0000	CONNECTOR KIT	V22373	01 R
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225)	V22373	01 R
	PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
		050-03321-0000	CONNECTOR KIT		01 R
	UC1008	070-01553-0200	ANTENNA GPS (ZONE 210)		01 R
		187-01831-0000	GASKET		01 R
	UC800	SSD120-20	ENCODING ALTIMETER (ZONE 225)	V57323 80001 80700 S8001 S8114	01 R
	UC800	SSD120-30A	ENCODING ALTIMETER (ZONE 225)	V57323 80701 & ON S8115 & ON	01 R
	UI507	066-01155-0201	PANEL AUDIO (ZONE 225)	V22373 80602 80720 S8001 S8189	01 R
	UI507	S3100-160	PANEL AUDIO (ZONE 225)	80721 80983 S8190 S8703	01 R
	UI700	066-01148-1111	RECEIVER GPS (ZONE 225)	V22373 80001 80983 S8001 S8703	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

NOTES:

ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.
INSIDE POLARIZING PIN BETWEEN PINS 3 & 4.
PART OF ALLIED SIGNAL INSTL KIT 050-01577-0301.



KT-76C TRANSPONDER - NAV
FIGURE 02 (SHEET 1)

392100_1

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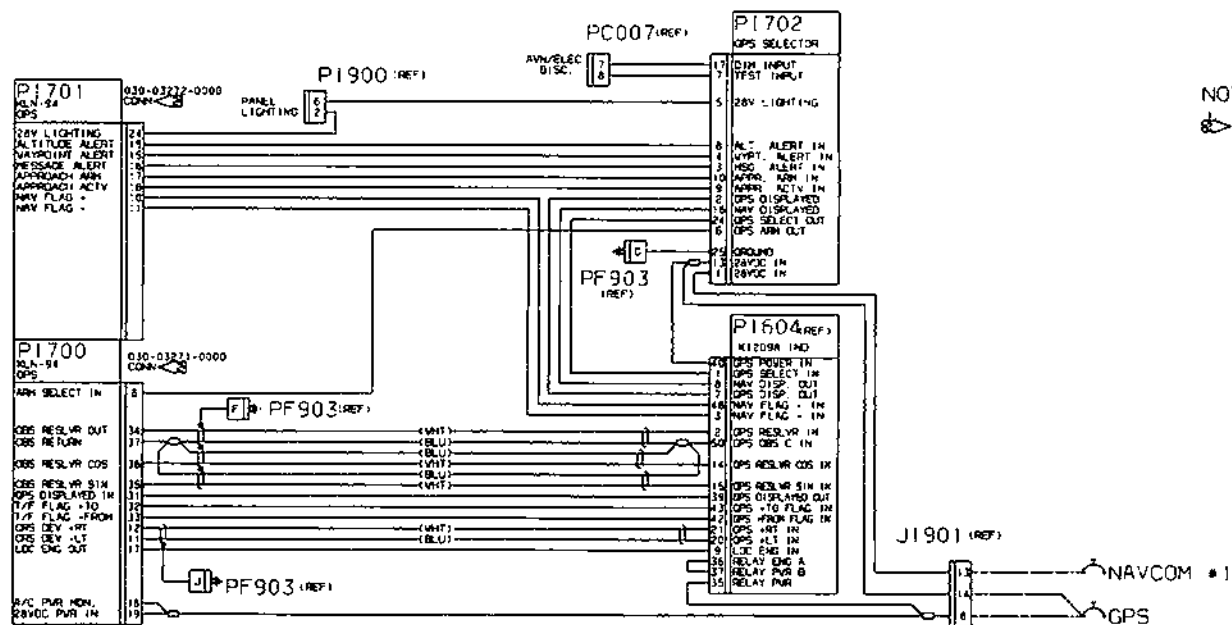
Figure 02
Page 0
34-52-22 May 5/2003

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES		1 2 3 4 5 6 7		FROM TO	PER ASSY
02			KT-76C TRANSPONDER 17280852 THRU 17280983 172S8372 THRU 172S8703		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	-	S2353-5	PIN		AR R
	PC1006	UG913A/U	CONNECTOR TRANSPONDER ANTENNA COAX (ZONE 310)	80852 & ON S8372 & ON	01 R
	PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
	-	M24308/25-9	SCREW LOCK ASSEMBLY		01 R
	-	M85049/48-2-2F	CLAMP ALTERNATE FOR S2492-1		01 R
	-	S2492-1	CLAMP		01 R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
	-	FC120N2	CONTACT	V28198	AR R
	PI1001	030-00101-0002	CONNECTOR GPS RECEIVER/TRANSPONDER COAX (ZONE 225)	V22373	01 R
	PI800	030-01094-0002	CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01 R
	-	050-01577-0001	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	-	LMD6106P	BUSSING MODULE	V49367	01 R
	-	LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	UC1006	C1105	ANTENNA TRANSPONDER (ZONE 310)	V51351	01 R
	UC800	SSD120-20	ENCODING ALTIMETER (ZONE 225)	V57323 80001 80700 S8001 S8114	01 R
	UC800	SSD120-30A	ENCODING ALTIMETER (ZONE 225)	V57323 80701 & ON S8115 & ON	01 R
	UI800	066-01156-0101	TRANSPONDER KT-76C (ZONE 225)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



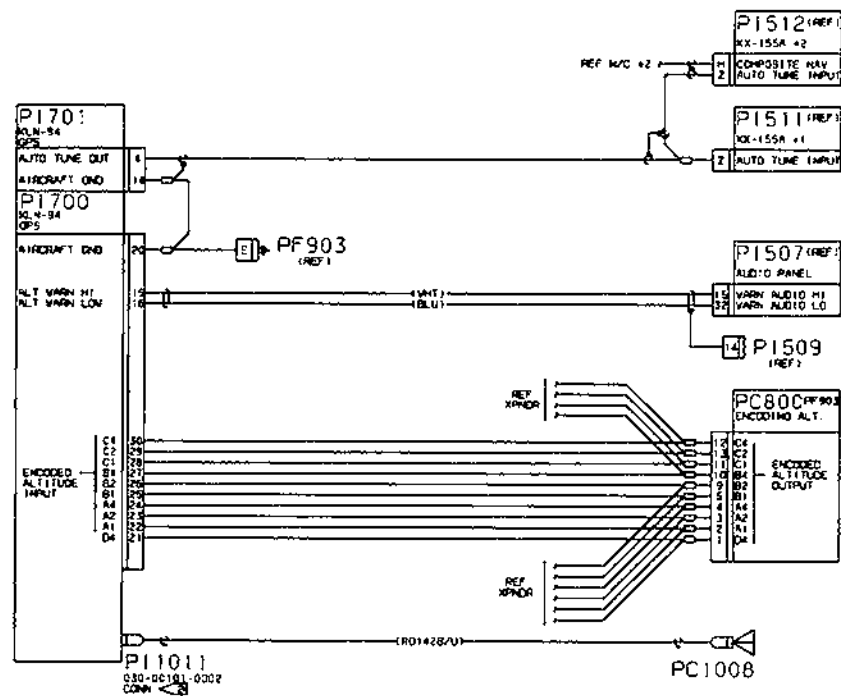
NOTES:
 1. ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
 2. PART OF ALL-IED SIGNAL KIT 050-03221-0000.

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES		1 2 3 4 5 6 7		FROM TO	PER ASSY
01			KLN-94 GLOBAL POSITIONING SYSTEM 17280852 THRU 17280983 172S8372 THRU 172S8703		
	JI901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	-	S2353-5	.. PIN		AR R
	PC007	S1640-9	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
	-	S1635-1	.. PIN		AR R
	PF903	SK2701	CONNECTOR (ZONE 221).		01 R
	-	FC120N2	.. CONTACT	V28198	AR R
	PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220)		01 R
	-	050-01550-0001	CONNECTOR KIT		01 R
	PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
	-	050-03321-0000	CONNECTOR KIT		01 R
	PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225).		01 R
	PI702	RD25F00JVL0	CONNECTOR NAV/GPS SWITCH ANNUNCIATOR (ZONE 220). . . .	V28198	01 R
	-	FC6020D	.. CONTACT	V28198	AR R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	-	LMD6106P	.. BUSSING MODULE	V49367	01 R
	-	LMS01T-TL	.. SPLICE CONNECTOR	V49367	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



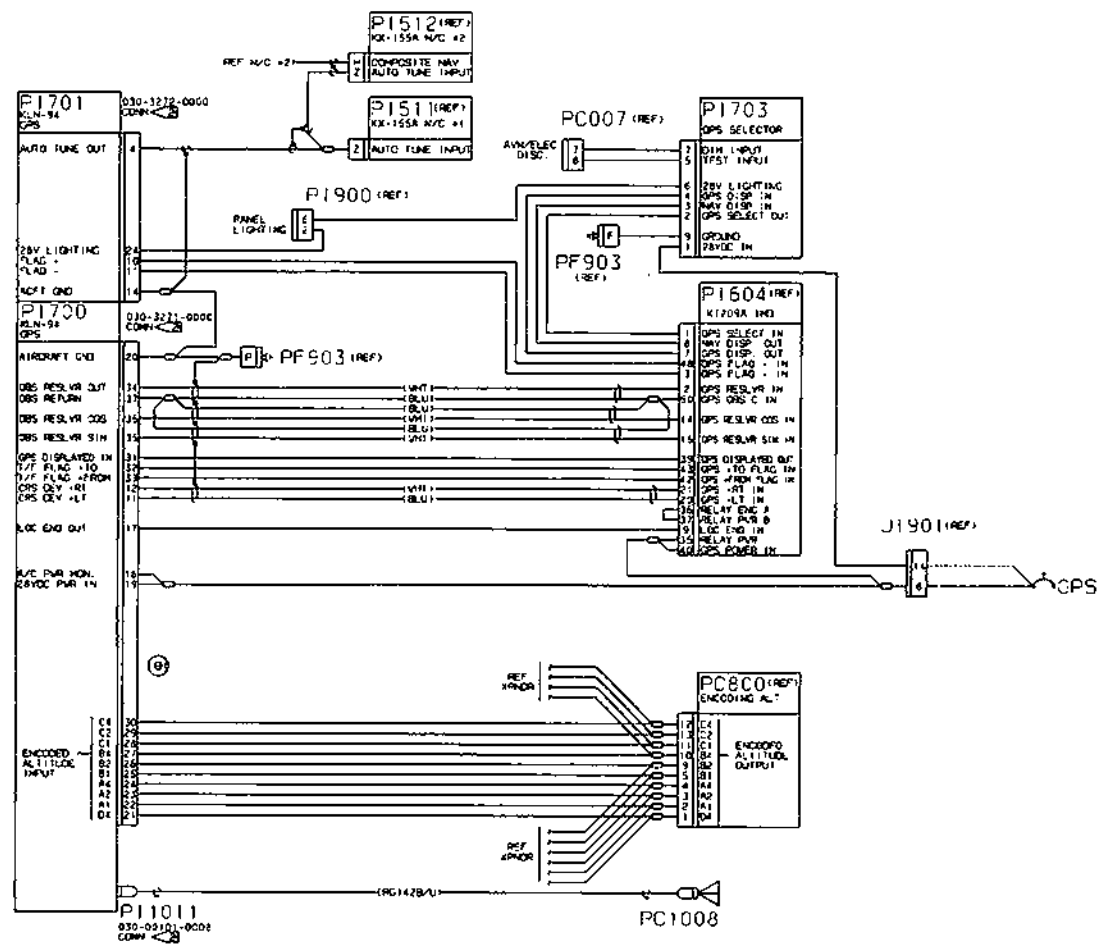
KLN-94 GPS-NAV II
 FIGURE 01 (SHEET 2)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES	DES	1 2 3 4 5 6 7		FROM TO	PER ASSY
01			KLN-94 GLOBAL POSITIONING SYSTEM 17280852 THRU 17280983 172S8372 THRU 172S8703		
	PC1008	225555-6	CONNECTOR NAV/COMM ANTENNA COAX DISCONNECT (ZONE V00779 210)		01 R
		79125	ADAPTER V13511		01 R
	PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
		M24308/25-9	SCREW LOCK ASSEMBLY		01 R
		M85049/48-2-2F	CLAMP ALTERNATE FOR S2492-1		01 R
		S2492-1	CLAMP		01 R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
		FC120N2	CONTACT V28198		AR R
	PI1011	030-00101-0002	CONNECTOR GPS RECEIVER (ZONE 225) V22373		01 R
		050-03321-0000	CONNECTOR KIT V22373		01 R
	PI507	050-03392-0000	CONNECTOR KIT AUDIO PANEL (ZONE 225)		01 R
	PI509	030-01094-0004	CONNECTOR AUDIO PANEL (ZONE 225) V22373		01 R
	PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225)		01 R
		050-03378-0000	CONNECTOR KIT		01
		050-03378-0001	CONNECTOR KIT		01
	PI512	030-01094-0088	CONNECTOR (ZONE 225)		01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
		050-03321-0000	CONNECTOR KIT		01 R
	PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL



NOTES:

ALL WIRE 22AWG UNLESS OTHERWISE NOTED
PART OF ALLIED SIGNAL KIT 050-03321-0000

KLN-94 GLOBAL POSITIONING SYSTEM-NAV II
V/AUTOMATIC DIRECTION FINDER AND MFD
FIGURE 02 (SHEET 1)

39281: 381

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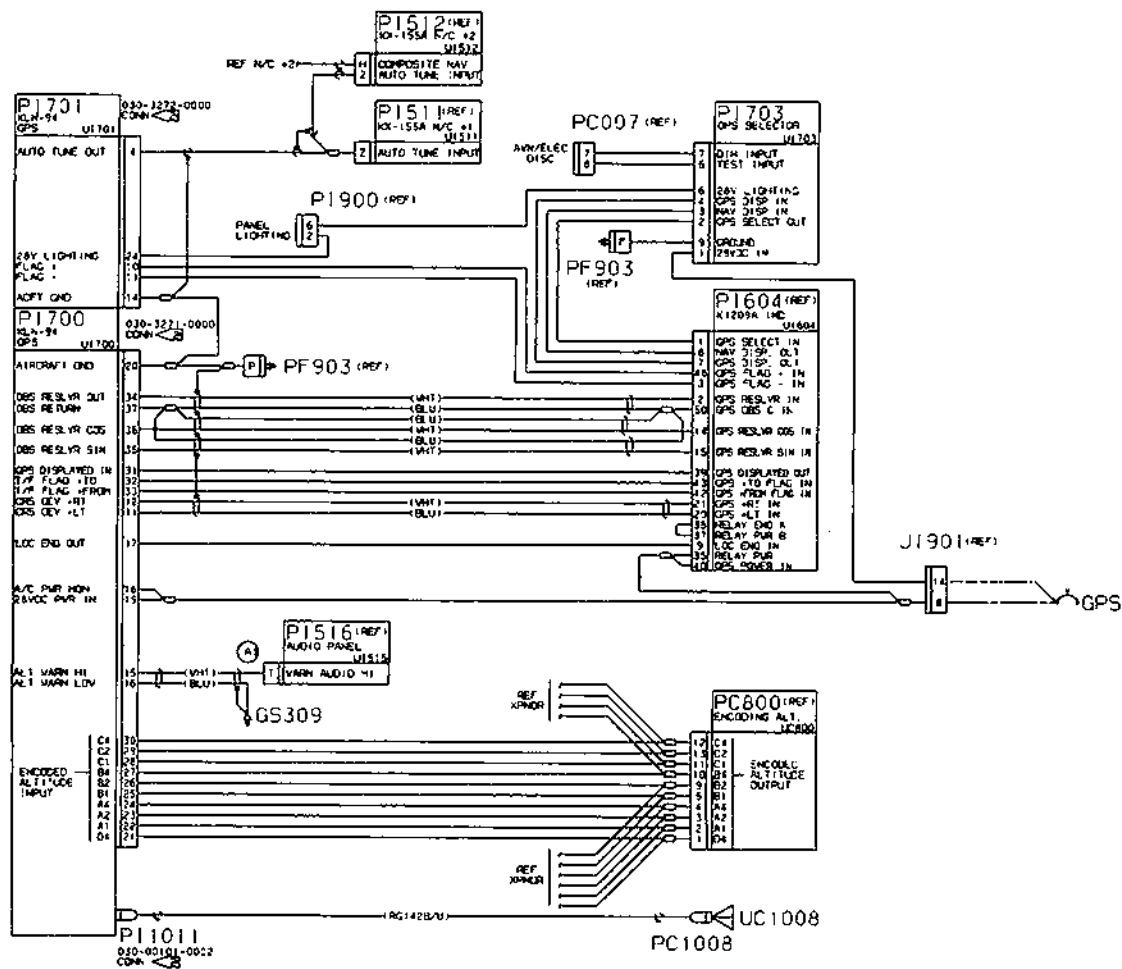
Figure 02
Page 0
May 5/2003

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
		1 2 3 4 5 6 7			ASSY
02			KLN-94 GLOBAL POSITIONING SYSTEM		
			17280984 & ON		
			172S8704 & ON		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
			.. PIN		AR R
	PC007	S2353-5	CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
		S1640-9	.. PIN		AR R
	PC1008	S1635-1	CONNECTOR NAV/COMM ANTENNA COAX DISCONNECT (ZONE V00779		01 R
		225555-6	210)		
		79125	.. ADAPTER	V13511	01 R
	PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
		M24308/25-9	.. SCREW LOCK ASSEMBLY		01 R
		M85049/48-2-2F	.. CLAMP ALTERNATE FOR S2492-1		01 R
		S2492-1	.. CLAMP		01 R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
		FC120N2	.. CONTACT	V28198	AR R
	PI1011	030-00101-0002	CONNECTOR GPS RECEIVER (ZONE 225)	V22373	01 R
		050-03321-0000	CONNECTOR KIT	V22373	01 R
	PI511	030-01094-0088	CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225) . . .		01 R
		050-03378-0000	CONNECTOR KIT		01
		050-03378-0001	CONNECTOR KIT		01
	PI512	030-01094-0088	CONNECTOR (ZONE 225)		01 R
		050-03378-0001	CONNECTOR KIT		01 R
	PI604	030-01176-0000	CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220) . . .		01 R
		050-01550-0001	CONNECTOR KIT		01 R
	PI700	030-03271-0000	CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
			CONNECTOR KIT		01 R
	PI701	030-03272-0000	CONNECTOR GPS RECEIVER (ZONE 225)		01 R
	PI703	RD9F00JVL0	CONNECTOR NAV/GPS SWITCH ANNUNCIATOR (ZONE 220) . . .	V28198	01 R
		FC6020D	.. CONTACT	V28198	AR R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	.. BUSSING MODULE	V49367	01 R
		LMS01T-TL	.. SPLICE CONNECTOR	V49367	01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL



NOTES:
 1. ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
 2. PART OF ALLIED SIGNAL KIT C50-03321-0030

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
		1234567			ASSY
01			KLN-94 GLOBAL POSITIONING SYSTEM		
			17280984 & ON		
			172S8704 & ON		
GS309	3910276-2		GROUND STUD (ZONE 225)		01 R
JI901	S2350-3		CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
-	S2353-5		.. PIN		AR R
PC007	S1640-9		CONNECTOR AVIONICS/ELECTRICAL DISCONNECT (ZONE 220).		01 R
-	S1635-1		.. PIN		AR R
PC1008	225555-6		CONNECTOR NAV/COMM ANTENNA COAX DISCONNECT (ZONE V00779 210)		01 R
-	79125		.. ADAPTER	V13511	01 R
PC800	M24308/2-2		CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
-	M24308/25-9		.. SCREW LOCK ASSEMBLY		01 R
-	M85049/48-2-2F		.. CLAMP ALTERNATE FOR S2492-1		01 R
-	S2492-1		.. CLAMP		01 R
PF903	SK2701		CONNECTOR (ZONE 221).		01 R
-	FC120N2		.. CONTACT	V28198	AR R
PI1011	030-00101-0002		CONNECTOR GPS RECEIVER (ZONE 225).	V22373	01 R
-	050-03321-0000		CONNECTOR KIT	V22373	01 R
PI511	030-01094-0088		CONNECTOR KX155A NAV/COMM DISCONNECT (ZONE 225) . . .		01 R
-	050-03378-0000		CONNECTOR KIT		01
-	050-03378-0001		CONNECTOR KIT		01
PI512	030-01094-0088		CONNECTOR (ZONE 225).		01 R
-	050-03378-0001		CONNECTOR KIT		01 R
PI516	030-01094-0058		CONNECTOR AUDIO PANEL DISCONNECT (ZONE 225).		01 R
-	050-03613-0001		CONNECTOR KIT		01 R
PI604	030-01176-0000		CONNECTOR KI209A INDICATOR DISCONNECT (ZONE 220) . . .		01 R
-	050-01550-0001		CONNECTOR KIT		01 R
PI700	030-03271-0000		CONNECTOR KLN-89B GPS RECEIVER DISCONNECT (ZONE 225)		01 R
-	050-03321-0000		CONNECTOR KIT		01 R
PI701	030-03272-0000		CONNECTOR GPS RECEIVER (ZONE 225).		01 R
PI703	RD9F00JVL0		CONNECTOR NAV/GPS SWITCH ANNUNCIATOR (ZONE 220). . .	V28198	01 R
-	FC6020D		.. CONTACT	V28198	AR R
PI900	S3070-9		CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
-	LMD6106P		.. BUSSING MODULE	V49367	01 R
-	LMS01T-TL		.. SPLICE CONNECTOR	V49367	01 R
UC1008	070-01553-0200		ANTENNA GPS (ZONE 210)		01 R
-	187-01831-0000		.. GASKET		01 R
UC800	SSD120-30A		ENCODING ALTIMETER (ZONE 225)	V57323	01 R
UI511	S3100-179		NAV/COMM KX-155A (ZONE 211).	80701 & ON	01 R
UI512	S3100-179		NAV/COMM KX-155A (ZONE 211).	S8115 & ON	01 R
UI516	3910310-19		AUDIO PANEL KMA-28	80813 & ON	01 R
UI604	S3100-158		INDICATOR KI-209A (ZONE 210)	S8320 & ON	01 R
UI700	066-01148-1111		RECEIVER GPS (ZONE 225).	80813 & ON	01 R
UI700	069-01034-0101		RECEIVER GPS (ZONE 225).	S8320 & ON	01 R
UI701	069-01034-0101		RECEIVER GPS (ZONE 225).	80984 & ON	01 R
UI703			SELECTOR GPS	S8704 & ON	RF R
				80780 & ON	
				S8262 & ON	
				80001 80983	
				S8001 S8703	
				17280984& ON	
				172S8704& ON	
				17280978& ON	
				172S8704& ON	

- ITEM NOT ILLUSTRATED

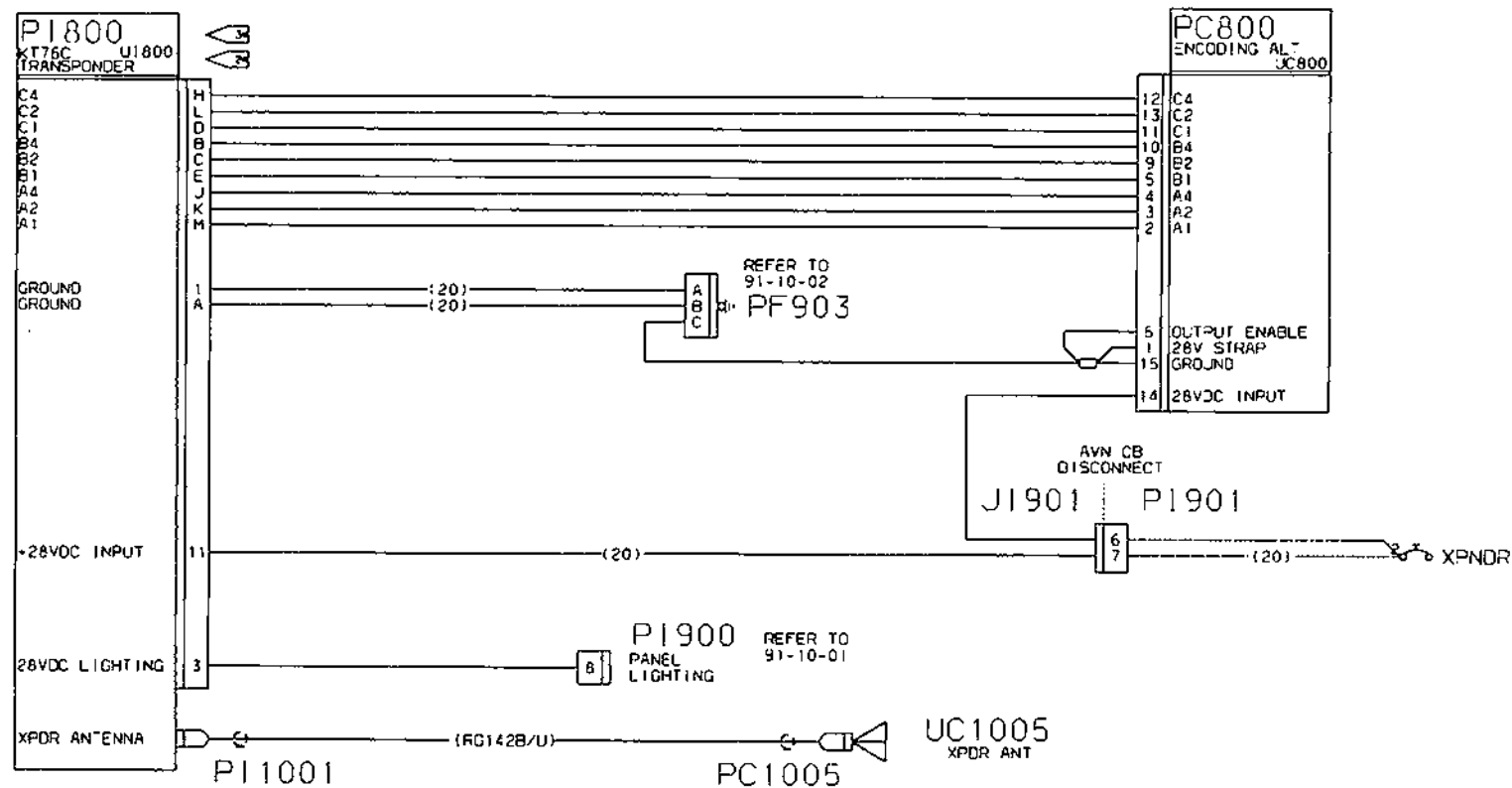
Figure 01

Page 1

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.
2. INSTALL POLARIZING PIN BETWEEN PINS 3 & 4.
3. PART OF ALLIED SIGNAL INSTL KIT 050-01577-0001.



KT-75C TRANSPONDER
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

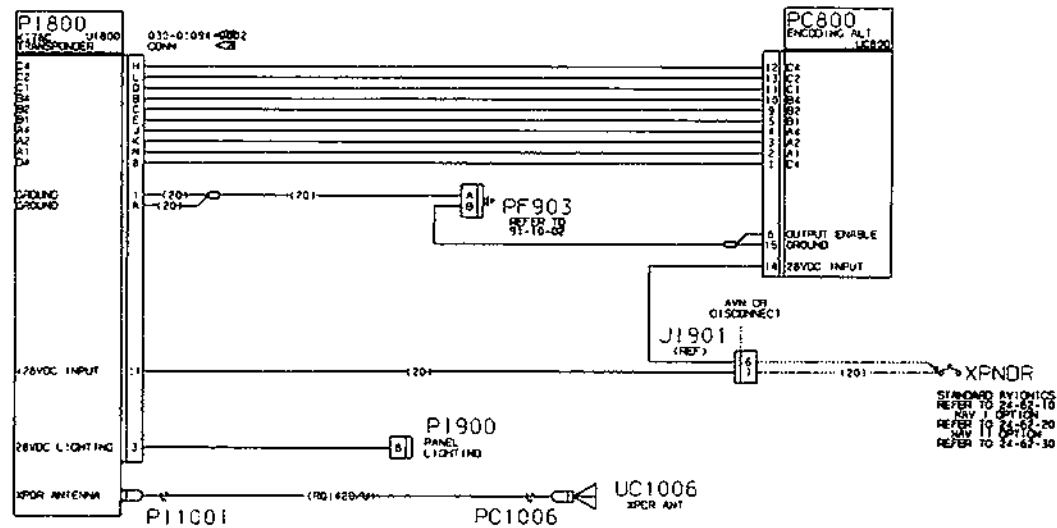
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES			FROM TO	PER ASSY
01			KT-76C TRANSPONDER 17280001 THRU 17280983 172S8001 THRU 172S8703 NAV II, NAV II W/HSI 17280001 THRU 17280851 172S8001 THRU 172S8371 NAV III 172S8348 THRU 172S8371		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
	-	S2353-5	. . . PIN		AR R
	PC1005	UG913A/U	CONNECTOR TRANSPONDER ANTENNA COAX (ZONE 310)	80001 80983 S8001 S8703	01 R
	PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
	-	M24308/25-9	. . . SCREW LOCK ASSEMBLY		01 R
	-	M85049/48-2-2F	. . . CLAMP ALTERNATE FOR S2492-1		01 R
	-	S2492-1	. . . CLAMP		01 R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
	-	FC120N2	. . . CONTACT	V28198	AR R
	PI1001	030-00101-0002	CONNECTOR GPS RECEIVER/TRANSPONDER COAX (ZONE 225)	V22373	01 R
	PI800	030-01094-0002	CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01 R
	-	050-01577-0001	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
	-	LMD6106P	. . . BUSSING MODULE	V49367	01 R
	-	LMS01T-TL	. . . SPLICE CONNECTOR	V49367	01 R
	PI901	S2349-1	CONNECTOR AVIONICS CIRCUIT BREAKER PANEL (ZONE 224) .		01 R
	-	S2099-3	. . . CONTACT		AR R
	-	S2099-4	. . . CONTACT		AR R
	UC1005	C1105	ANTENNA TRANSPONDER (ZONE 310)		01 R
	UC800	SSD120-20	ENCODING ALTIMETER (ZONE 225)	V57323 80001 80700 S8001 S8114	01 R
	UC800	SSD120-30A	ENCODING ALTIMETER (ZONE 225)	V57323 80701 & ON S8115 & ON	01 R
	UI800	066-01156-0101	TRANSPONDER KT-76C (ZONE 225)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

ALL WIRE SIZE AND TYPE SPECIFICATIONS NOTED.
 INSTALL POSSIBLE PC STR. BE PAGES 1 & 4.
 PART OF ALLIED SIGNAL INSTL KIT 650-21577-0291.



KT-76C TRANSPONDER
 FIGURE 02 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
02			KT-76C TRANSPONDER		
			17280984 & ON		
			172S8704 & ON		
	J1901	S2350-3	CONNECTOR AVIONICS COOLING FAN DISCONNECT (ZONE 220)		01 R
		S2353-5	PIN		AR R
	PC1006	UG913A/U	CONNECTOR TRANSPONDER ANTENNA COAX (ZONE 310)	80852 & ON S8372 & ON	01 R
	PC800	M24308/2-2	CONNECTOR ENCODING ALTIMETER (ZONE 221)		01 R
		M24308/25-9	SCREW LOCK ASSEMBLY		01 R
		M85049/48-2-2F	CLAMP ALTERNATE FOR S2492-1		01 R
		S2492-1	CLAMP		01 R
	PF903	SK2701	CONNECTOR (ZONE 221)		01 R
		FC120N2	CONTACT	V28198	AR R
	PI1001	030-00101-0002	CONNECTOR GPS RECEIVER/TRANSPONDER COAX (ZONE 225)	V22373	01 R
	PI800	030-01094-0002	CONNECTOR TRANSPONDER DISCONNECT (ZONE 225)		01 R
		050-01577-0001	CONNECTOR KIT		01 R
	PI900	S3070-9	CONNECTOR LIGHTING BUS DISCONNECT (ZONE 220)		01 R
		LMD6106P	BUSSING MODULE	V49367	01 R
		LMS01T-TL	SPLICE CONNECTOR	V49367	01 R
	UC1006	C1105	ANTENNA TRANSPONDER (ZONE 310)	V51351	01 R
	UC800	SSD120-30A	ENCODING ALTIMETER (ZONE 225)	V57323 80701 & ON S8115 & ON	01 R
	UI800	066-01156-0101	TRANSPONDER KT-76C (ZONE 225)		01 R

• ITEM NOT ILLUSTRATED

CHAPTER

37

VACUUM

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>	<u>NUMBER OF PAGES</u>	<u>DATE</u>
37-Title	1	
37-List of Effective Pages	1	Jan 20/2006
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37-20-00	2	Jan 20/2006 Deleted
37-20-01	2	Jan 20/2006 Added
Figure 01	2	Jan 20/2006 Deleted
Figure 01	2	Jan 20/2006 Added
Figure 02	2	Jan 20/2006 Added

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

RECORD OF REVISIONS

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

SUBJECT
VACUUM OUT WARNING

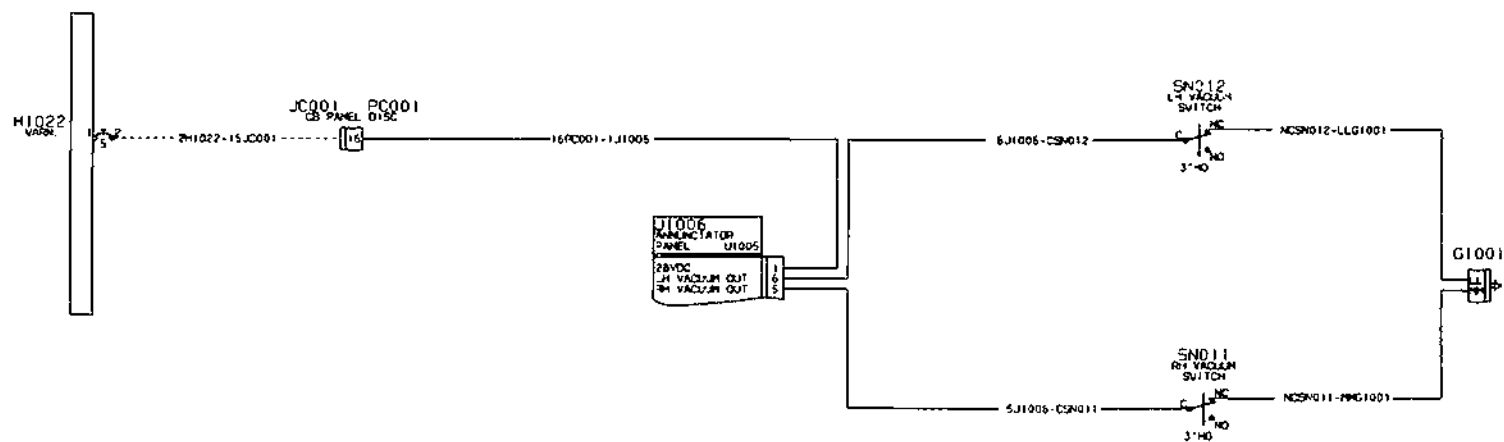
CHAPTER/
SECTION/
SUBJECT
37-20-00

FIGURE
01

EFFECTIVITY
START END

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:
 1. ALL WIRE 22AWG, EXCEPT AS NOTED



VACUUM OUT WARNING
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
			1 2 3 4 5 6 7		ASSY
01			VACUUM OUT WARNING		
	GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001 80883 S8001 S8402	01 R
-		203618-1	. . JACK SCREW		AR R
-		AN340-3	. . NUT		AR R
-		S2527-3	. . CLAMP		01 R
-		S2099-4	. . SOCKET	80001 81142	AR R
	GI001	200838-2	. CONNECTOR GROUND (ZONE 211)	V00779 80884 & ON S8403 & ON	01 R
-		201846-1	. . CLAMP KIT		01 R
-		203618-1	. . JACK SCREW		AR R
-		AN340-3	. . NUT		AR R
-		S2099-4	. . SOCKET	80001 81142	AR R
-		S2099-3	. . CONTACT	81143 & ON	AR R
	HI022	S1360-5L	. CIRCUIT BREAKER WARNING (ZONE 224)		01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S2099-4	. . SOCKET		AR R
	J1006	770585-1	. CONNECTOR (ZONE 225)	V00779	01 R
-		170365-3	. . PINS AND SOCKETS		AR R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-		S2353-4	. . PIN		AR R
-		S2353-5	. . PIN		AR R
	SN011	F7-16-4	. SWITCH RIGHT VACUUM (ZONE 120)	V26433	01 R
	SN012	F7-16-4	. SWITCH LEFT VACUUM (ZONE 120)	V26433	01 R
	UI005		. PANEL ANNUNCIATOR (ZONE 225)		RF R

- ITEM NOT ILLUSTRATED

Figure 01

Page 1

CHAPTER

73

**ENGINE FUEL
AND CONTROL**

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

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73-Contents	1	Jan 20/2006
73-10-00	Figure 01	2 Jan 20/2006 Deleted
73-10-01	Figure 01	2 Jan 20/2006 Added
	Figure 02	2 Jan 20/2006 Added

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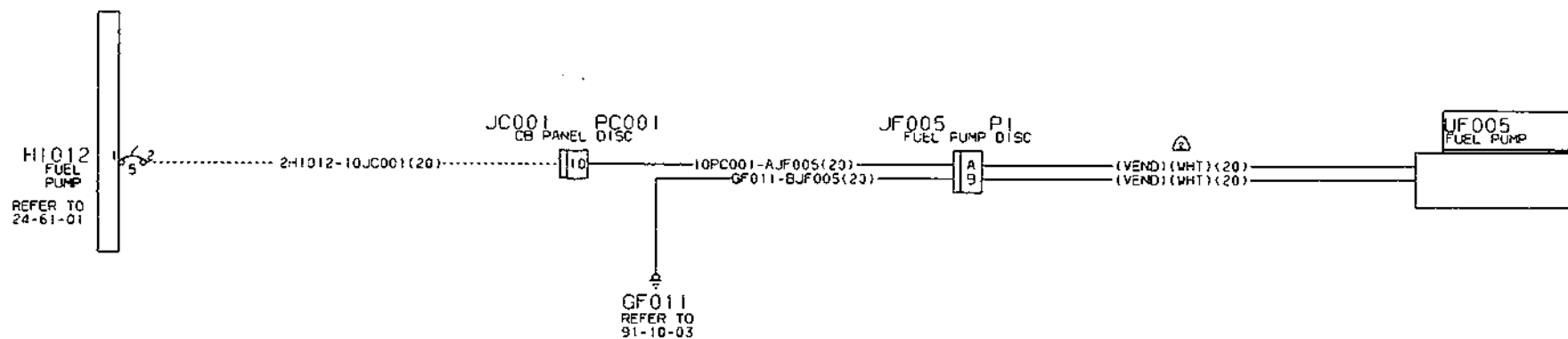
CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY START END</u>
FUEL PUMP	73-10-00	01	

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

1. ALL WIRE 22AWG. EXCEPT AS NOTED
- ⚠ WIRE & CONNECTOR SUPPLIED WITH FUEL PUMP.



FUEL PUMP
 FIGURE C: (SHEET 1)

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
	DES		1 2 3 4 5 6 7	FROM TO	PER ASSY
01			FUEL PUMP		
	HI012	CM3589-5	. CIRCUIT BREAKER FUEL PUMP (ZONE 224)		01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-		S2099-4	. . SOCKET		AR R
	JF005	S2035-2	. CONNECTOR (ZONE 120)		01 R
	P1	S2035-1	. CONNECTOR FUEL PUMP DISCONNECT (ZONE 210)		01 R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
.		S2353-4	. . PIN		AR R
-		S2353-5	. . PIN		AR R
	UF005	5100-00-1	. FUEL PUMP (ZONE 210)	V09445 80001 80810	01 R
				S8001 S8316	
	UF005	5100-00-3	. FUEL PUMP (ZONE 210)	V09445 80811 80991	01 R
				S8317 S8722	
	UF005	5100-00-4	. FUEL PUMP (ZONE 210)	V09445 80992 & ON	01 R
				S8723 & ON	

- ITEM NOT ILLUSTRATED

CHAPTER

74

IGNITION

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

<u>CHAPTER SECTION SUBJECT</u>	<u>NUMBER OF PAGES</u>	<u>DATE</u>
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74-List of Effective Pages	1	Jan 20/2006
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74-Contents	1	Jan 20/2006
74-10-00	Figure 01	2 Jan 20/2006 Deleted
	Figure 02	2 Jan 20/2006 Deleted
74-10-01	Figure 01	2 Jan 20/2006 Added
	Figure 02	2 Jan 20/2006 Added
	Figure 03	2 Jan 20/2006 Added

CESSNA AIRCRAFT COMPANY MODEL 172 WIRING DIAGRAM MANUAL

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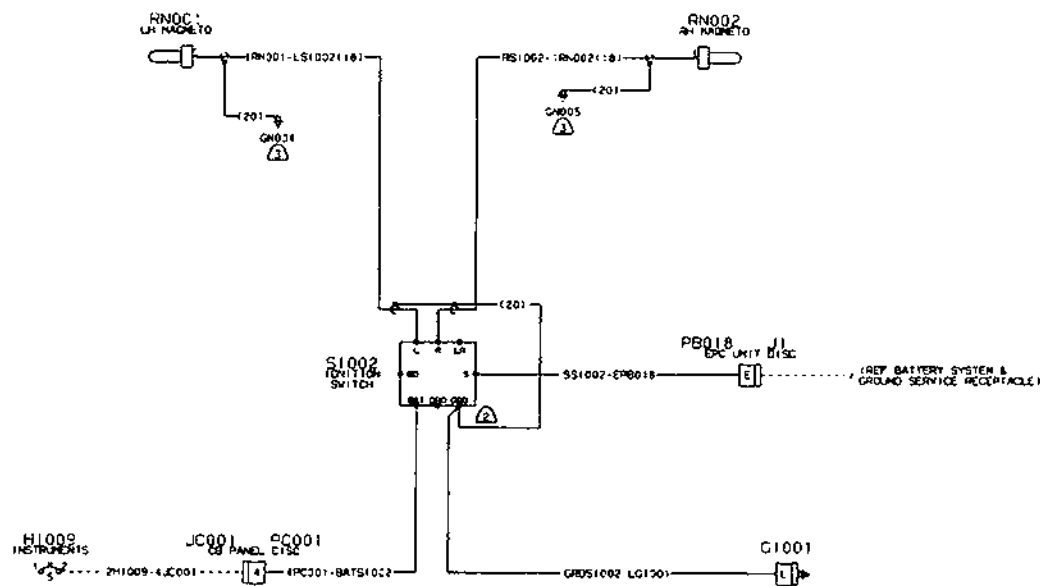
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<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
MAGNETO SYSTEM	74-10-00	01	
MAGNETO SYSTEM	74-10-00	02	

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NOTES:

1. ALL WIRE 22AWG, EXCEPT AS NOTED
- ⚠ USE THE GND TERMINAL LOCATED ON THE BACK/CENTER OF S1002 SWITCH.
- ⚠ GROUND STUD LOCATED ON MAGNETO CASE LABELED AS "GND".



MAGNETO SYSTEM
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

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WIRING DIAGRAM MANUAL

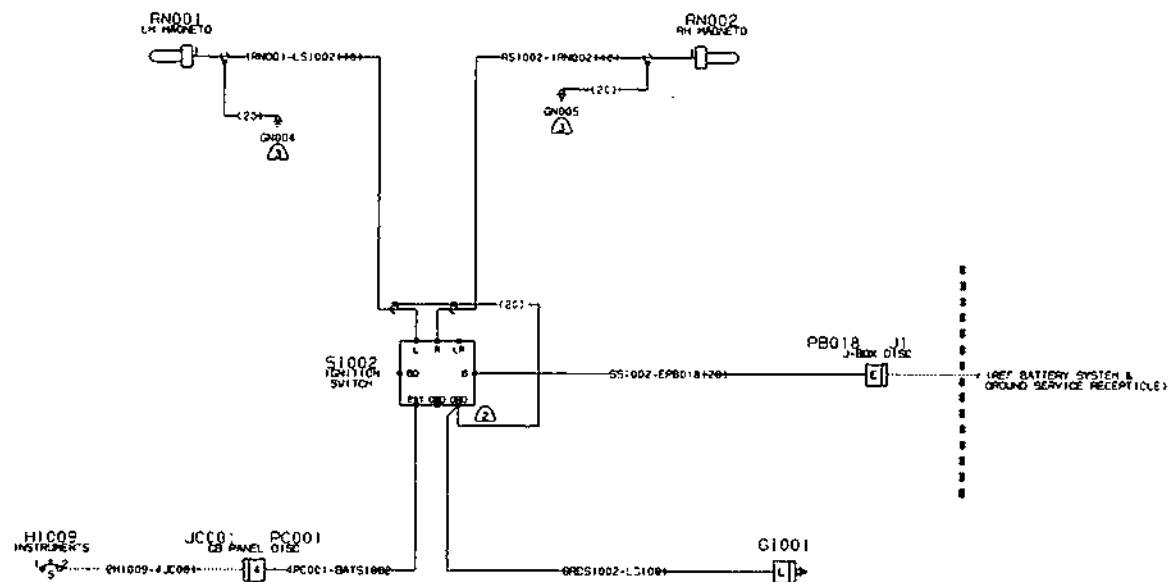
FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
		1 2 3 4 5 6 7			
01			MAGNETO SYSTEM		
			17280001 THRU 17280983		
			172S8001 THRU 172S8703		
GI001	S2527-1		CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
-	203618-1		JACK SCREW	S8001 S8402	AR R
-	AN340-3		NUT		AR R
-	S2527-3		CLAMP		01 R
-	S2099-4		SOCKET	80001 81142	AR R
GN004			CONNECTOR GROUND (ZONE 120)		RF R
GN005			CONNECTOR GROUND (ZONE 120)		RF R
HI009	S1360-5L		CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
J1			CONNECTOR POWER JUNCTION BOX, SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 121)		
JC001	S2349-5		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE		01 R
-	S2099-4		224)		
-	S2800-274		SOCKET		AR R
PB018			CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121). . . .		01 R
PC001	S2350-10		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4		PIN		AR R
-	S2353-5		PIN		AR R
RN001	MS25171-1S		MAGNETO LEFT (ZONE 120)		01 R
-	A-A-59178-1		ALTERNATE FOR MS25171-1S		01 R
RN002	MS25171-1S		MAGNETO RIGHT (ZONE 120)		01 R
-	A-A-59178-1		ALTERNATE FOR MS25171-1S		01 R
SI002	C292501-0109		SWITCH IGNITION (ZONE 220)		01 R

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:

- ALL WIRE 22AWG, EXCEPT AS NOTED
- USE THE GND TERMINAL LOCATED ON THE BACK/CENTER OF S1002 SWITCH.
- GROUND STUD LOCATED ON MAGNETO CASE LABELED AS "GND".



MAGNETO SYSTEM
 FIGURE 02 (SHEET 1)

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FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
02			MAGNETO SYSTEM		
			17280984 & ON		
			172S8704 & ON		
	GI001	S2527-1	CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
-		203618-1	JACK SCREW		AR R
-		AN340-3	NUT		AR R
-		S2527-3	CLAMP		01 R
-		S2099-4	SOCKET	80001 81142	AR R
	GN004		CONNECTOR GROUND (ZONE 120)		RF R
	GN005		CONNECTOR GROUND (ZONE 120)		RF R
	HI009	S1360-5L	CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
	J1		CONNECTOR POWER JUNCTION BOX, SUPPLIED WITH POWER		RF R
			JUNCTION BOX (ZONE 121)		
	JC001	S2349-5	CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE		01 R
			224)		
-		S2099-4	SOCKET		AR R
	PB018	S2800-274	CONNECTOR KIT JUNCTION BOX DISCONNECT (ZONE 121)		01 R
	PC001	S2350-10	CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-		S2353-4	PIN		AR R
-		S2353-5	PIN		AR R
	RN001	MS25171-1S	MAGNETO LEFT (ZONE 120)		01 R
-		A-A-59178-1	ALTERNATE FOR MS25171-1S		01 R
	RN002	MS25171-1S	MAGNETO RIGHT (ZONE 120)		01 R
-		A-A-59178-1	ALTERNATE FOR MS25171-1S		01 R
	SI002	C292501-0109	SWITCH IGNITION (ZONE 220)		01 R

- ITEM NOT ILLUSTRATED

CHAPTER

77

**ENGINE
INDICATING**

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	Figure 02	2 Jan 20/2006 Deleted
77-20-01	Figure 01	2 Jan 20/2006 Added
	Figure 02	2 Jan 20/2006 Added
77-40-01	Figure 01	6 Jan 20/2006 Added

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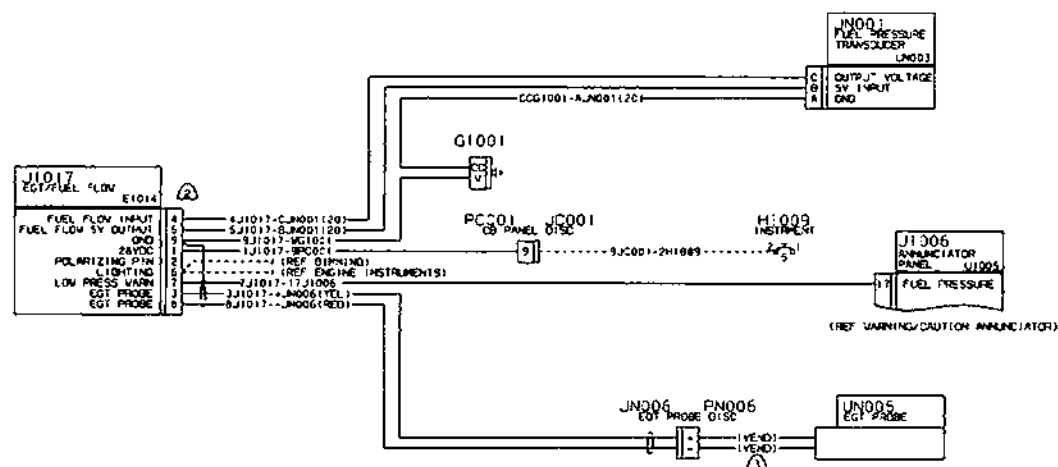
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CESSNA AIRCRAFT COMPANY
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<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
EGT/FUEL FLOW	77-20-00	01	
EGT/FUEL FLOW	77-20-00	02	

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- NOTES:
 1. ALL WIRE 22AWG UNLESS OTHERWISE NOTED.
 2. INSTALL POLARIZING PIN INTO PIN 2 OF J1017.
 3. WIRE AND CONNECTOR SUPPLIED WITH PROBE.



EGT/FUEL FLOW
 FIGURE 01 (SHEET 1)

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CESSNA AIRCRAFT COMPANY

MODEL 172

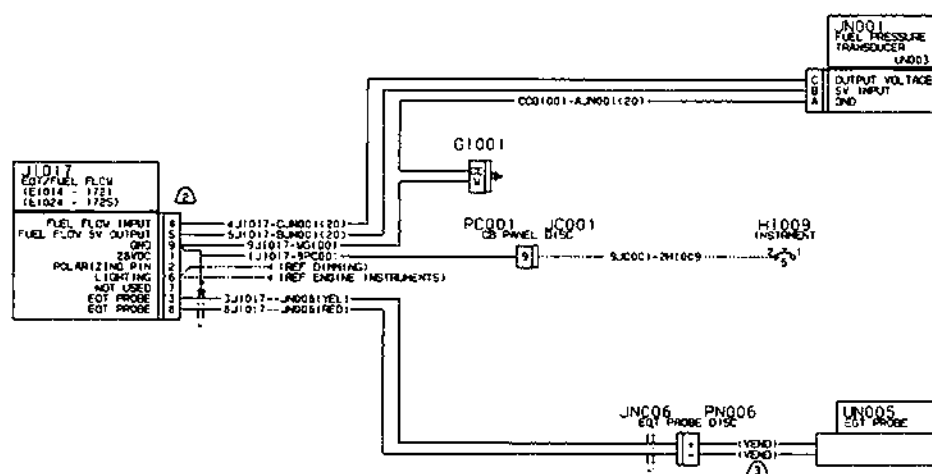
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER
					ASSY
01			EGT/FUEL FLOW		
			17280001 THRU 17280003		
EI014	S3277-4		INDICATOR EGT/FUEL FLOW (ZONE 220)	80001 80004	01 R
GI001	S2527-1		CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
-	203618-1		JACK SCREW		AR R
-	AN340-3		NUT		AR R
-	S2527-3		CLAMP		01 R
-	S2099-4		SOCKET	80001 81142	AR R
HI009	S1360-5L		CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
JC001	S2349-5		CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
-	S2099-4		SOCKET		AR R
JI006	770585-1		CONNECTOR (ZONE 225)	V00779	01 R
-	170365-3		PINS AND SOCKETS		AR R
JI017	S2349-3		CONNECTOR EGT/FUEL FLOW INDICATOR (ZONE 220)		01 R
-	S2099-3		CONTACT		AR R
-	S2099-4		SOCKET		AR R
-	S2414-1		KEYING PLUG		AR R
JN001	S2800-277		CONNECTOR FUEL PRESSURE TRANSDUCER (ZONE 120)		01 R
JN006	MJ500-K		THERMOCOUPLE JACK EGT PROBE (ZONE 120)	VOMXP2	01 R
PC001	S2350-10		CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
-	S2353-4		PIN		AR R
-	S2353-5		PIN		AR R
PN006			CONNECTOR EGT PROBE ASSEMBLY, SUPPLIED WITH EGT PROBE (ZONE 120)		RF R
UI005			PANEL ANNUNCIATOR (ZONE 225)		RF R
UN003	P165-5282		TRANSDUCER FUEL PRESSURE (ZONE 120)	V22863	01 R
UN005	86316		PROBE EGT (ZONE 120)	80773 & ON	01 R
				S8251 & ON	
UN005	TE-40998-02		PROBE EGT (ZONE 120)	80694 80772	01 R
				S8103 S8250	

- ITEM NOT ILLUSTRATED

CESSNA AIRCRAFT COMPANY
MODEL 172
 WIRING DIAGRAM MANUAL

NOTES:
 1. ALL WIRE GAUGING UNLESS OTHERWISE NOTED.
 2. INSTALL POLARIZING PIN INTO PIN 2 OF J1017.
 3. WIRE AND CONNECTOR SUPPLIED WITH PROBE.



EGT/FUEL FLOW
 FIGURE 01 (SHEET 1)

CESSNA AIRCRAFT COMPANY

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WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY		UNITS
	DES			FROM	TO	PER ASSY
02			EGT/FUEL FLOW			
			17280004 & ON			
			172S8001 & ON			
	EI014	S3277-4	. INDICATOR EGT/FUEL FLOW (ZONE 220)	80001	80004	01 R
	EI024	S3277-8	. INDICATOR EGT/FUEL FLOW (ZONE 220)	S8492	& ON	01 R
	GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001	80883	01 R
				S8001	S8402	
-		203618-1	. . JACK SCREW			AR R
-		AN340-3	. . NUT			AR R
-		S2527-3	. . CLAMP			01 R
-		S2099-4	. . SOCKET	80001	81142	AR R
	HI009	S1360-SL	. CIRCUIT BREAKER INSTRUMENTS (ZONE 224)			01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)			01 R
-		S2099-4	. . SOCKET			AR R
	JI017	S2349-3	. CONNECTOR EGT/FUEL FLOW INDICATOR (ZONE 220)			01 R
-		S2099-3	. . CONTACT			AR R
-		S2099-4	. . SOCKET			AR R
-		S2414-1	. . KEYING PLUG			AR R
	JN001	S2800-277	. CONNECTOR FUEL PRESSURE TRANSDUCER (ZONE 120)			01 R
	JN006	MJ500-K	. THERMOCOUPLE JACK EGT PROBE (ZONE 120) VOMXP2			01 R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)			01 R
-		S2353-4	. . PIN			AR R
-		S2353-5	. . PIN			AR R
	PN006		. CONNECTOR EGT PROBE ASSEMBLY. SUPPLIED WITH EGT PROBE (ZONE 120)			RF R
	UN003	P165-5282	. TRANSDUCER FUEL PRESSURE (ZONE 120) V22863			01 R
	UN005	86316	. PROBE EGT (ZONE 120)	80773	& ON	01 R
				S8251	& ON	
	UN005	TE-40998-02	. PROBE EGT (ZONE 120)	80694	80772	01 R
				S8103	S8250	

- ITEM NOT ILLUSTRATED

Figure 02

Page 1

CHAPTER

79

OIL

CESSNA AIRCRAFT COMPANY
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79-30-01	2	Jan 20/2006 Added

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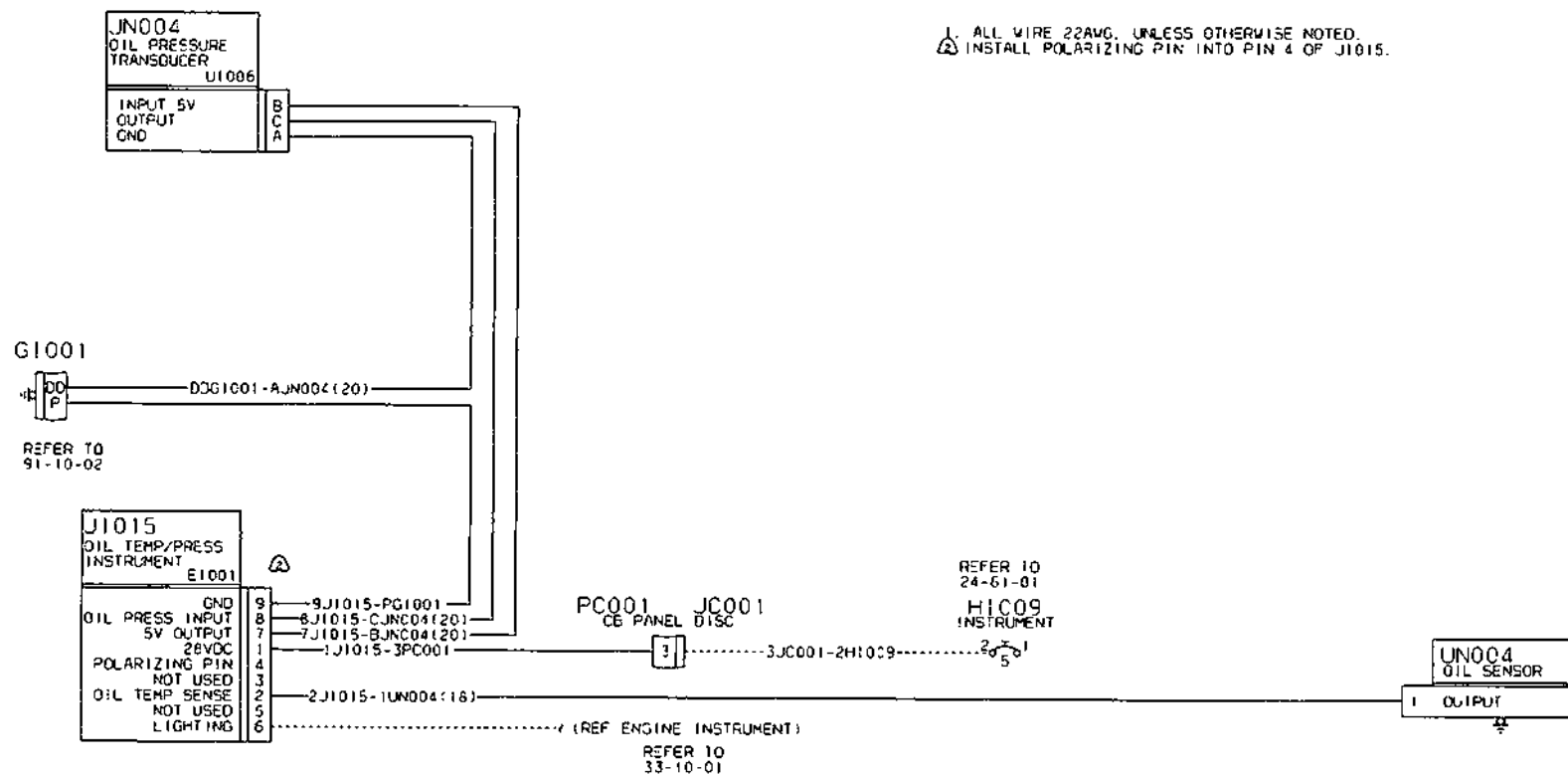
CESSNA AIRCRAFT COMPANY
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<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY START END</u>
OIL TEMPERATURE/OIL PRESSURE	79-30-00	01	

CESSNA AIRCRAFT COMPANY
MODEL 172
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NOTES:

1. ALL WIRE 22AWG. UNLESS OTHERWISE NOTED.
2. INSTALL POLARIZING PIN INTO PIN 4 OF J1015.



OIL TEMPERATURE/OIL PRESSURE
 FIGURE 01 (SHEET 1)

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CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

FIG	REF	PART NUMBER	NOMENCLATURE	EFFECTIVITY	UNITS
DES				FROM TO	PER ASSY
01			OIL TEMPERATURE/OIL PRESSURE		
			17280001 & ON		
			172S8001 & ON		
	EI001	S3279-1	. INDICATOR OIL TEMPERATURE/OIL PRESSURE (ZONE 220)		01 R
		S3353-1	. . LIGHT ASSEMBLY		01 R
	GI001	S2527-1	. CONNECTOR GROUND (ZONE 211)	80001 80883	01 R
				S8001 S8402	
	-	203618-1	. . JACK SCREW		AR R
	-	AN340-3	. . NUT		AR R
	-	S2527-3	. . CLAMP		01 R
	-	S2099-4	. . SOCKET	80001 81142	AR R
	HI009	S1360-5L	. CIRCUIT BREAKER INSTRUMENTS (ZONE 224)		01 R
	JC001	S2349-5	. CONNECTOR CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		01 R
	-	S2099-4	. . SOCKET		AR R
	JI015	S2349-3	. CONNECTOR OIL TEMPERATURE/OIL PRESSURE INDICATOR (ZONE 220)		01 R
	-	S2099-3	. . CONTACT		AR R
	-	S2099-4	. . SOCKET		AR R
	-	S2414-1	. . KEYING PLUG		AR R
	JN004	S2800-277	. CONNECTOR (ZONE 120)		01 R
	PC001	S2350-10	. CONNECTOR CIRCUIT BREAKER PANEL (ZONE 224)		01 R
	-	S2353-4	. . PIN		AR R
	-	S2353-5	. . PIN		AR R
	UI006	P165-5281	. TRANSDUCER OIL PRESSURE (ZONE 120)		01 R
	UN004	S2335-1	. SENSOR OIL TEMPERATURE (ZONE 120)		01 R

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80

STARTING

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FIGURE

EFFECTIVITY
START END

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STARTING - GENERAL

1. General

- I** A. Refer to Chapter 24 for Starting circuit.

CHAPTER

91

CHARTS

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<u>SUBJECT</u>	<u>CHAPTER/ SECTION/ SUBJECT</u>	<u>FIGURE</u>	<u>EFFECTIVITY</u> <u>START</u> <u>END</u>
CONNECTORS	91-10-00		
GROUNDS - LOCATION AND WIRING	91-10-02		

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JC001

2HI008-1JC001
2HI009-2JC001
2HI009-3JC001
2HI009-4JC001
2HI003-5JC001
2HI003-6JC001
2HI003-7JC001
2HI003-8JC001
2HI015-8JC001
2HI009-9JC001
2HI012-10JC001
2HI002-11JC001
2HI005-12JC001
2HI005-13JC001
2HI002-14JC001
2HI022-15JC001
2HI022-16JC001
B1SI009-17JC001
B2SI009-18JC001
2HI015-19JC001
2HI030-19JC001
C2SI009-20JC001
2HI022-21JC001
2HI022-22JC001

JC005

3JI003-1JC005
6JC015-1JC005
6JI003-2JC005
BGI001-3JC005
2JI032-4JC005
1PI027-4JC005
AGI001-4JC005
8PC001-5JC005
9JC024-5JC005
9JI003-6JC005
AGI001-7JC005

JC007

2JI003-1JC007
22PC001-2JC007
1PC001-3JC007
15PC001-4JC007
2JI006-5JC007
14PC001-6JC007
5JC015-7JC007
4JC015-8JC007
17JI006-9JC007

PC001

1-1PC001-3JC007
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3-3PC001-1JI015
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5-5PC001-3JC011
6-6PC001-3JI032
7-7PC001-1JI003
8-8PC001-5JC005
9-9PC001-1JI017
10-10PC001-AJF005
11-11PC001-4JL002
11PC001-1JV001
11PC001-1JR001
12-12PC001-3JR001
13-13PC001-6JL002
14-14PC001-6JC007
15-15PC001-4JC007
16-16PC001-1JI006
17-17PC001-CPB018
18-18PC001-DPB018
19-19PC001-1PT001
19PC001-1PC009
20-20PC001-MGI001
21-21PC001-EI003
22-22PC001-2JC007

PC005

1-1PC005-3BRI002
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3-3PC005-2ARI001
4-4PC005-3BRI001
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4PC005-1RI004
5-5PC005-1BRI001
5PC005-3PI029
6-6PC005-3ARI001
7-7PC005-2ARI001

PC007

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3-3PC007-API307
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6PC007-2JI514
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8-8PC007-7PI702
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JC010

2HI013- 1JC010 —
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2HI004- 3JC010 —
2HI007- 4JC010 —
2HI006- 5JC010 —
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—
—
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PC010

1 — 1PC010-2JL002
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4 — 4PC010-1JI001
5 — 5PC010-5JL002
6 —
7 —
8 —
9 —

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33-40-05
33-40-03
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30-30-01

REFER TO

33-40-04
33-40-04
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JC011

3JL002- 1JC011 —
2JR001- 1JC011 —
EEGI001- 2JC011 —
5PC001- 3JC011 —

PC011

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2 — 2PC011-2FC002
3 — 3PC011-1SC002

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33-10-05
33-10-05

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24-61-02

24-61-01
24-61-01
24-61-02

JC012

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B1SI010- 1JC012 —

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B2SI010- 2JC012 —

PC012

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— 1PC012-1HI901
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— 2PC012-1HI900
— 2PC012-1HI911

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JC014

16JI006- 1JC014 —
15JI006- 2JC014 —
BBGI001- 3JC014 —

PC014

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3 — 3PC014-2SI003

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JC015

16JI006- 1JC015 —
— 1JC015 —
15JI006- 2JC015 —
— 2JC015 —
BBGI001- 3JC015 —
— 3JC015 —
8JC007- 4JC015 —
— 4JC015 —
7JC007- 5JC015 —
1JC005- 6JC015 —

PC015

1 — 1PC015-A1SI004
— 1PC015-4PC015
— 1PC015-A1SI005
2 — 2PC015-A3SI004
— 2PC015-1DI005
— 2PC015-B3SI005
3 — 3PC015-B2SI004
— 3PC015-B2SI005
4 — 4PC015-B1SI004
— 4PC015-1PC015
5 — 5PC015-B3SI004
— 5PC015-2DI005
6 — 6PC015-B1SI005

REFER TO

31-50-01
31-50-01
31-50-01
31-50-01
31-50-01
31-50-01
31-50-01
31-50-01
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31-50-01
31-50-01

REFER TO

22-10-46
22-10-46
22-10-46
23-50-24
25-60-01
22-10-46

JC023

16PI303-14JC023 —
API307-15JC023 —
4JI514-16JC023 —
53PI532-18JC023 —
1PZ906-22JC023 —
14PI303-23JC023 —

PC023

14 —
15 —
16 —
18 —
22 —
23 —

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REFER TO	JC024	PC024	REFER TO
24-50-01	1PF004- 1JC024 —	1 —	
24-50-01	3PF004- 1JC024 —		
27-50-01	1JI001- 3JC024 —	3 —	
74-10-01	BATSI002- 4JC024 —	4 —	
33-10-01	5JI003- 5JC024 —	5 —	
33-10-01	1JI003- 8JC024 —	8 —	
33-10-01	5JC005- 9JC024 —	9 —	
REFER TO	JC025	PC025	REFER TO
	—	1 —	
REFER TO	JC026	PC026	REFER TO
30-30-01	5JL002- 2JC026 —	2 —	
33-40-02	3JR001- 7JC026 —	7 —	
33-40-02	6JL002- 7JC026 —		
REFER TO	JC031	PC031	REFER TO
23-50-24	4PI900- 1JC031 —	1 — 1PC031-2JI003	33-10-01
23-50-24	2JI514- 6JC031 —	6 —	
REFER TO	JC522	PC522	REFER TO
	—	1 — 1PC522-37PI531	23-50-24
	—	2 — 2PC522-18PI531	23-50-24
	—	3 — 3PC522-17PI531	23-50-24
	—	4 — 4PC522-SHLDPI531	23-50-24
REFER TO	JC800	PC800	REFER TO
	—	1 — 1PC800-8PI800	34-53-01
	—	2 — 2PC800-22PI700	34-52-20
		└ 2PC800-MPI800	34-53-01
	—	3 — 3PC800-23PI700	34-52-20
		└ 3PC800-KPI800	34-53-01
	—	4 — 4PC800-24PI700	34-52-20
		└ 4PC800-JPI800	34-53-01
	—	5 — 5PC800-25PI700	34-52-20
		└ 5PC800-EPI800	34-53-01
	—	6 — 6PC800-15PC800	34-53-01
		└ 6PC800-BPF903	34-53-01
	—	7 —	
	—	8 —	
	—	9 — 9PC800-26PI700	34-52-20
		└ 9PC800-CPI800	34-53-01
	—	10 — 10PC800-27PI700	34-52-20
		└ 10PC800-BPI800	34-53-01
	—	11 — 11PC800-28PI700	34-52-20
		└ 11PC800-DPI800	34-53-01
	—	12 — 12PC800-30PI700	34-52-20
		└ 12PC800-HPI800	34-53-01
	—	13 — 13PC800-29PI700	34-52-20
		└ 13PC800-LPI800	34-53-01
	—	14 — 14PC800-6JI901	34-53-01
	—	15 — 15PC800-6PC800	34-53-01
		└ 15PC800-BPF903	34-53-01
REFER TO	JF508	PF508	REFER TO
	—	1 — 1PF508-48PI531	23-50-24
	—	2 — 2PF508-68PI531	23-50-24
	—	3 — 3PF508-67PI531	23-50-24

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REFER TO	JF512	PF512	REFER TO
	—	1 — 1PF512-71PI531	23-50-24
	—	2 — 2PF512-70PI531	23-50-24
	—	3 — 3PF512-69PI531	23-50-24
REFER TO	JI001	PI001	REFER TO
27-50-01	4PC010- 1JI001 —	1 — 1PI001-NOSI007	27-50-01
27-50-01	3JC024- 1JI001 —	1 — 1PI001-	
27-50-01	HGI001- 2JI001 —	2 — 2PI001-NCSI008	27-50-01
27-50-01	4JR001- 3JI001 —	3 — 3PI001-CSI007	27-50-01
27-50-01	5JR001- 4JI001 —	4 — 4PI001-CSI008	27-50-01
REFER TO	JI003	P1	REFER TO
33-10-01	7PC001- 1JI003 —	1 — 1P1-2QZ001	33-10-07
33-10-01	8JC024- 1JI003 —	1 — 1PI003-	
33-10-01	1JC007- 2JI003 —	2 — 2PI003-3QZ001	33-10-07
33-10-01	1PC031- 2JI003 —	1 — 2PI003-	
33-10-01	1JC005- 3JI003 —	3 — 3PI003-1QZ001	33-10-07
33-10-01	6JI017- 4JI003 —	4 — 4PI003-3QZ001	33-10-07
33-10-01	2JI012- 4JI003 —		
33-10-01	1JC003- 4JI003 —	1 — 4PI003-	
33-10-01	5JC024- 5JI003 —	5 — —	
33-10-01	2JC005- 6JI003 —	6 — 6PI003-1QZ002	33-10-07
33-10-01	NNGI001- 7JI003 —	7 — 7PI003-1CZ004	33-10-07
33-10-01	1JC003- 8JI003 —	8 — 8PI003-3QZ003	33-10-07
33-10-01	1JC004- 8JI003 —		
33-10-01	6JC005- 9JI003 —	9 — 9PI003-1QZ003	33-10-07
REFER TO	JI004	PI004	REFER TO
31-20-01	BPB018- 1JI004 —	1 — 1PI004-REDEI002	31-20-01
31-20-01	KGI001- 2JI004 —	2 — 2PI004-BLKEI002	31-20-01
33-10-04	6JI019- 3JI004 —	3 — 3PI004-BLKEI002	31-20-01
33-10-04	6JI013- 3JI004 —		
REFER TO	JI006	PI006	REFER TO
37-20-01	16PC001- 1JI006 —	1 — —	
31-50-01	5JC007- 2JI006 —	2 — —	
37-20-01	CSN011- 5JI006 —	5 — —	
37-20-01	CSN012- 6JI006 —	6 — —	
31-20-01	CJN005- 7JI006 —	7 — —	
28-40-01	8JI013- 8JI006 —	8 — —	
31-50-01	2JC014- 15JI006 —	15 — —	
31-50-01	2JC015- 15JI006 —		
24-20-01	APB018- 16JI006 —	16 — —	
77-20-01	7JI017- 17JI006 —	17 — —	
31-50-01	9JC007- 17JI006 —		
31-50-01	1JC015- 18JI006 —	18 — —	
31-50-01	1JC014- 18JI006 —		
28-40-01	7JI013- 19JI006 —	19 — —	
31-50-01	AAGI001- 20JI006 —	20 — —	

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33-10-03
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34-20-02
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J1007

1J1016- 1J1007 —
1J1008- 1J1007 —
1DI300- 1J1007 —
API310- 1J1007 —
EPT302- 1J1007 —
2J1016- 2J1007 —
2J1008- 2J1007 —

PI007

1 — 1PI007-WHTEI007

2 — 2PI007-BLKEI007

REFER TO

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33-10-03 (17280694 & On
33-10-03

33-10-03

REFER TO

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33-10-03
33-10-03
33-10-03

J1008

1J1007- 1J1008 —
1J1009- 1J1008 —
2J1007- 2J1008 —
2J1009- 2J1008 —

PI008

1 — 1PI008-WHTEI004

2 — 2PI008-BLKEI004

REFER TO

33-10-03

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REFER TO

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33-10-03

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J1009

1J1008- 1J1009 —
1J1010- 1J1009 —

2J1008- 2J1009 —
2J1010- 2J1009 —

PI009

1 — 1PI009-WHTEI008

L 1PI009-WHTEI025
2 — 2PI009-BLKEI008

L 2PI009-BLKEI025

REFER TO

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33-10-03 (172S ONLY)
33-10-03 (172 ONLY)
33-10-03 (172S ONLY)

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33-10-03
33-10-03
33-10-03

J1010

1J1009- 1J1010 —
1J1011- 1J1010 —
2J1009- 2J1010 —
2J1011- 2J1010 —

PI010

1 — 1PI010-WHTEI009

2 — 2PI010-BLKEI029

REFER TO

33-10-03

33-10-03

REFER TO

33-10-03
33-10-03
33-10-03
33-10-03

J1011

1J1010- 1J1011 —
2PI012- 1J1011 —
2J1010- 2J1011 —
4PI012- 2J1011 —

PI011

1 — 1PI011-WHTEI010

2 — 2PI011-BLKEI010

REFER TO

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33-10-03

REFER TO

33-10-01
33-10-01

J1012

4J1003- 2J1012 —
CG1001- 4J1012 —

PI012

2 — 2PI012-1J1011
4 — 4PI012-2J1011

REFER TO

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33-10-03

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28-40-01
28-40-01

28-40-01

33-10-04
33-10-04
28-40-01
28-40-01
28-40-01

J1013

2PC001- 1J1013 —
8JL002- 2J1013 —

6JR001- 4J1013 —

8J1021- 6J1013 —
6J1015- 6J1013 —
19J1006- 7J1013 —
8J1006- 8J1013 —
RG1001- 9J1013 —

PI013

1 —
2 —
3 —
4 —
5 —
6 —
7 —
8 —
9 —

REFER TO

REFER TO

33-10-03

33-10-03

J1014

2J1012- 1J1014 —

4J1012- 2J1014 —

PI014

1 — 1PI014-WHTEI005
L 1PI014-WHTEI026
2 — 2PI014-BLKEI005
L 2PI014-BLKEI026

REFER TO

33-10-03 (172 ONLY)
33-10-03 (172S ONLY)
33-10-03 (172 ONLY)
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REFER TO	J1015	PI015	REFER TO
79-30-01	3PC001- 1J1015	1 —	
79-30-01	1UN004- 2J1015	2 —	
	—	3 —	
	—	4 —	
	—	5 —	
33-10-04	6J1013- 6J1015	6 —	
33-10-04	6J1017- 6J1015	—	
79-30-01	BJN004- 7J1015	7 —	
79-30-01	CJN004- 8J1015	8 —	
79-30-01	PGI001- 9J1015	9 —	
REFER TO	J1016	PI016	REFER TO
33-10-03	1J1007- 1J1016	1 — 1PI016-WHTEI006	33-10-03
33-10-03	2J1007- 2J1016	2 — 2PI016-BLKEI006	33-10-03
REFER TO	J1017	PI017	REFER TO
77-20-01	9PC001- 1J1017	1 —	
	—	2 —	
77-20-01	+JN006- 3J1017	3 —	
77-20-01	CJN001- 4J1017	4 —	
77-20-01	BJN001- 5J1017	5 —	
33-10-01	4J1003- 6J1017	6 —	
33-10-04	6J1015- 6J1017	—	
77-20-01	17J1006- 7J1017	7 —	
77-20-01	-JN006- 8J1017	8 —	
77-20-01	WGI001- 9J1017	9 —	
77-20-01	SHLDJ1017- 9J1017	—	
REFER TO	J1019	PI019	REFER TO
	—	1 —	
24-30-01	FPB018- 2J1019	2 —	
24-30-01	GPB018- 3J1019	3 —	
	—	4 —	
	—	5 —	
33-10-04	8J1021- 6J1019	6 —	
	—	7 —	
	—	8 —	
24-30-01	HHGI001- 9J1019	9 —	
REFER TO	J1021	PI021	REFER TO
31-20-01	KGI001- 1J1021	1 —	
31-20-01	SHLDJ1021- 1J1021	—	
31-20-01	+E1003- 2J1021	2 —	
	—	3 —	
31-20-01	GNDEI003- 4J1021	4 —	
	—	5 —	
31-20-01	BLUTF001- 6J1021	6 —	
31-20-01	WHHTF001- 7J1021	7 —	
33-10-04	6J1013- 8J1021	8 —	
33-10-04	6J1019- 8J1021	—	
31-20-01	BPB018- 9J1021	9 —	
REFER TO	J1032	P1	REFER TO
33-10-06	GF011- 1J1032	1 — 1P1-UI001	33-10-06
33-10-06	4JC005- 2J1032	2 — 2PI032-UI001	33-10-06
33-10-06	6PC001- 3J1032	3 —	

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REFER TO

JI302	PI302	REFER TO
—	1 — 1PI302-GS301	22-10-30
	└ 1PI302-SHLDPI302	22-10-30
	└ 1PI302-31PI303	22-10-30
	└ 1PI302-11PI303	22-10-30
	└ 1PI302-27PI303	22-10-30
	└ 1PI302-34PI303	22-10-32
	└ 1PI302-SHLDPI304	22-10-41
—	2 — 2PI302-19PI304	22-10-30
—	3 — 3PI302-18PI304	22-10-30
—	4 — 4PI302-17PI304	22-10-30

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REFER TO

JI303

PI303

REFER TO

— 1	1PI303-6PS300	22-10-02
— 2	2PI303-PPI308	22-10-31
	└ 2PI303-46PT313	22-10-46
— 3	3PI303-CPI307	22-10-02
— 4	4PI303-1PI305	22-10-02
— 5	5PI303-4PS300	22-10-02
— 6	6PI303-14PI507	22-10-02
	└ 6PI303-TPI516	22-10-42
	└ 6PI303-20PI531	22-10-46
— 7	7PI303-13PI604	22-10-30
	└ 7PI303-27PI705	22-10-31
	└ 7PI303-25PT311	22-10-46
— 8	8PI303-5PI305	22-10-02
— 9	9PI303-5JI506	22-10-31
	└ 9PI303-7PS300	22-10-31
	└ 9PI303-5JI514	22-10-42
	└ 9PI303-HPT300	22-10-42
	└ 9PI303-7PS300	22-10-42
— 10	10PI303-EPI307	22-10-02
— 11	11PI303-PPI309	22-10-31
	└ 11PI303-27PI303	22-10-32
	└ 11PI303-31PI303	22-10-32
	└ 11PI303-34PI303	22-10-32
	└ 11PI303-GS301	22-10-32
	└ 11PI303-1PI302	22-10-32
	└ 11PI303-SHLDPI302	22-10-32
	└ 11PI303-68PT312	22-10-46
— 12	12PI303-13PI900	22-10-02
	└ 12PI303-3PI900	22-10-46
— 13	13PI303-3PI305	22-10-02
— 14	14PI303-2PC007	22-10-02
		22-10-31
	└ 14PI303-23JC023	22-10-46
— 15	15PI303-35PI303	22-10-02
	└ 15PI303-31PI303	22-10-02
	└ 15PI303-GS301	22-10-02
	└ 15PI303-SHLDPI303	22-10-02
	└ 15PI303-2PI305	22-10-02
	└ 15PI303-RPF903	22-10-31
	└ 15PI303-CPF903	22-10-42
	└ 15PI303-CPF902	22-10-46
— 16	16PI303-9JI901	22-10-02
	└ 16PI303-6PS300	22-10-32
	└ 16PI303-14JC023	22-10-46
— 18	18PI303-1PS300	22-10-02
— 19	19PI303-2PS300	22-10-02
— 21	21PI303-DPI307	22-10-02
— 22	22PI303-11PI604	22-10-30
	└ 22PI303-18PI704	22-10-31
	└ 22PI303-19PT312	22-10-46
— 23	23PI303-12PI604	22-10-30
	└ 23PI303-19PI704	22-10-31
	└ 23PI303-20PT312	22-10-46
— 24	24PI303-17PI604	22-10-30
	└ 24PI303-22PI704	22-10-31

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	24PI303-17PT312	22-10-46
— 25	— 25PI303-16PI604	22-10-30
	— 25PI303-23PI704	22-10-31
	— 25PI303-18PT312	22-10-46
— 27	— 27PI303-5PI308	22-10-31
	— 27PI303-11PI303	22-10-32
	— 27PI303-GS301	22-10-32
	— 27PI303-1PI302	22-10-32
	— 27PI303-SHLDPI302	22-10-32
	— 27PI303-31PI303	22-10-32
	— 27PI303-34PI303	22-10-32
	— 27PI303-SPI308	22-10-33
	— 27PI303-4PI306	22-10-46
	— 27PI303-SHLDPI303	22-10-46
	— 27PI303-49PT313	22-10-46
— 28	— 28PI303-3PI306	22-10-02
— 29	— 29PI303-2PI306	22-10-02
— 30	— 30PI303-4PI305	22-10-02
— 31	— 31PI303-GS301	22-10-02
	— 31PI303-2PI305	22-10-02
	— 31PI303-SHLDPI303	22-10-02
	— 31PI303-35PI303	22-10-02
	— 31PI303-15PI303	22-10-02
	— 31PI303-34PI303	22-10-32
	— 31PI303-11PI303	22-10-32
	— 31PI303-27PI303	22-10-32
	— 31PI303-GS301	22-10-32
	— 31PI303-SHLDPI302	22-10-32
	— 31PI303-SPI308	22-10-42
	— 31PI303-4PI306	22-10-46
— 34	— 34PI303-31PI303	22-10-32
	— 34PI303-11PI303	22-10-32
	— 34PI303-27PI303	22-10-32
	— 34PI303-GS301	22-10-32
	— 34PI303-SHLDPI302	22-10-32
	— 34PI303-SHLDPI303	22-10-33
	— 34PI303-2PI305	22-10-33
	— 34PI303-SPI308	22-10-42
	— 34PI303-4PI306	22-10-46
— 35	— 35PI303-31PI303	22-10-02
	— 35PI303-15PI303	22-10-02
	— 35PI303-GS301	22-10-02
	— 35PI303-2PI305	22-10-02
	— 35PI303-SHLDPI303	22-10-02
	— 35PI303-RPF903	22-10-31
	— 35PI303-15PI303	22-10-31
	— 35PI303-CPF903	22-10-42
	— 35PI303-CPF902	22-10-46

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JI304	PI304	REFER TO
— 1	1PI304-KPT301	22-10-40
— 2	2PI304-JPT301	22-10-40
— 3	3PI304-LPI800	22-10-40
	└ 3PI304-74PT313	22-10-46
— 4	4PI304-RPT301	22-10-40
— 5	5PI304-HPI800	22-10-40
	└ 5PI304-75PT313	22-10-46
— 6	6PI304-JPT300	22-10-40
— 7	7PI304-DPT300	22-10-40
— 8	8PI304-FPT300	22-10-40
— 9	9PI304-EPI309	22-10-40
	└ 9PI304-44PI604	22-10-41
	└ 9PI304-23PT312	22-10-46
— 10	10PI304-BPI309	22-10-40
	└ 10PI304-45PI604	22-10-41
	└ 10PI304-24PT312	22-10-46
— 11	11PI304-MPI800	22-10-40
	└ 11PI304-67PT313	22-10-46
— 12	12PI304-19PI705	22-10-40
	└ 12PI304-47PI604	22-10-41
	└ 12PI304-26PT312	22-10-46
— 13	13PI304-KPI800	22-10-40
	└ 13PI304-68PT313	22-10-46
— 14	14PI304-JPI800	22-10-40
	└ 14PI304-69PT313	22-10-46
— 15	15PI304-GS301	22-10-30
	└ 15PI304-SHLDPI303	22-10-30
	└ 15PI304-SHLDPI304	22-10-40
— 17	17PI304-4PI302	22-10-30
	└ 17PI304-EPI308	22-10-31
	└ 17PI304-48PT313	22-10-46
— 18	18PI304-3PI302	22-10-30
— 19	19PI304-2PI302	22-10-30
— 20	20PI304-BPI800	22-10-40
	└ 20PI304-72PT313	22-10-46
— 21	21PI304-DPI800	22-10-40
	└ 21PI304-73PT313	22-10-46
— 22	22PI304-6JI514	22-10-42
— 23	23PI304-RPT300	22-10-40
— 24	24PI304-LPT300	22-10-40
— 25	25PI304-8JI514	22-10-42
— 26	26PI304-38PI604	22-10-30
	└ 26PI304-45PI705	22-10-31
	└ 26PI304-27PT311	22-10-46
— 27	27PI304-7JI514	22-10-42
— 28	28PI304-KPT300	22-10-40
— 29	29PI304-77PT313	22-10-46
— 31	31PI304-18PI705	22-10-40
	└ 31PI304-46PI604	22-10-41
	└ 31PI304-25PT312	22-10-46
— 32	32PI304-LPT301	22-10-40
— 33	33PI304-EPI800	22-10-40
	└ 33PI304-70PT313	22-10-46
— 34	34PI304-CPI800	22-10-40
	└ 34PI304-71PT313	22-10-46

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— 36	— 36PI304-DPT301	22-10-40
— 38	— 38PI304-32PI508	22-10-30
	└ 38PI304-2PI516	22-10-42
	└ 38PI304-34PI532	22-10-46
— 40	— 40PI304-64PT312	22-10-46
— 41	— 41PI304-34PT313	22-10-46
— 42	— 42PI304-36PT313	22-10-46
— 44	— 44PI304-APT301	22-10-40
	└ 44PI304-9PC007	22-10-40
	└ 44PI304-7PT311	22-10-46
— 45	— 45PI304-8PS300	22-10-42
— 46	— 46PI304-9PS300	22-10-42
— 47	— 47PI304-PPT300	22-10-40
— 48	— 48PI304-APT300	22-10-40

REFER TO

JI305	PI305	REFER TO
— 1	— 1PI305-4PI303	22-10-02
— 2	— 2PI305-GS301	22-10-02
	└ 2PI305-15PI303	22-10-02
	└ 2PI305-35PI303	22-10-02
	└ 2PI305-31PI303	22-10-02
	└ 2PI305-SHLDPI303	22-10-02
	└ 2PI305-34PI303	22-10-02
— 3	— 3PI305-13PI303	22-10-02
— 4	— 4PI305-30PI303	22-10-02
— 5	— 5PI305-8PI303	22-10-02

REFER TO

JI306	PI306	REFER TO
— 1	— 1PI306-SHLDPI306	22-10-02
— 2	— 2PI306-29PI303	22-10-02
— 3	— 3PI306-28PI303	22-10-02
— 4	— 4PI306-GS301	22-10-02
	└ 4PI306-SHLDPI303	22-10-02
	└ 4PI306-27PI303	22-10-41
	└ 4PI306-11PI303	22-10-41
	└ 4PI306-31PI303	22-10-41
	└ 4PI306-34PI303	22-10-41

REFER TO

JI307	PI307	REFER TO
— A	— API307-3PC007	22-10-02
	└ API307-15JC023	22-10-46
— B	— BPI307-NPF902	22-10-02
	└ BPI307-SHLDPI307	22-10-02
	└ BPI307-DPF903	22-10-42
— C	— CPI307-3PI303	22-10-02
— D	— DPI307-21PI303	22-10-02
— E	— EPI307-10PI303	22-10-02

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JI308

PI308

REFER TO

—	A	—	
—	B	—	
—	C	—	
—	D	—	
—	E	—	
—	F	FPI308-19PI704	34-20-02
—	G	—	
—	H	HPI308-*EPT302	34-20-02
	L	HPI308-16JI901	34-20-02
—	J	—	
—	K	KPI308-18PI704	34-20-02
—	L	—	
—	M	—	
—	N	NPI308-2DI300	34-20-02
—	P	PPI308-2PI303	22-10-33
—	R	—	
—	S	SPI308-27PI303	22-10-33
—	T	TPI308-20PI704	34-20-02
—	U	—	
—	V	VPI308-22PI704	34-20-02
—	W	WPI308-19PI705	34-20-02
—	X	—	
—	Y	YPI308-KPT302	34-20-02
—	Z	ZPI308-21PI704	34-20-02
—	*A	—	
—	*B	*BPI308-23PI704	34-20-02
—	*C	*CPI308-SHLDPI308	22-10-33
	L	*CPI308-FPF903	34-20-02
	L	*CPI308-*TPI308	34-20-02
—	*D	—	
—	*E	*EPI308-17PI304	22-10-33
—	*F	*FPI308-HPT302	34-20-02
—	*G	—	
—	*H	—	
—	*J	*JPI308-YPT302	34-20-02
	L	*JPI308-JPI310	34-20-02
—	*K	*KPI308-DPT302	34-20-02
—	*L	—	
—	*M	—	
—	*N	*NPI308-VPT302	34-20-02
—	*O	—	
—	*P	—	
—	*Q	—	
—	*R	—	
—	*S	*SPI308-TPT302	34-20-02
	L	*SPI308-CPI310	34-20-02
—	*T	—	
—	*U	—	
—	*V	*VPI308-FPT302	34-20-02

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JI309	PI309	REFER TO
— A	API309-PPT302	34-20-02
— B	BPI309-10PI304	22-10-40
	└ BPI309-TP1510	34-50-13
— C	—	
— D	DPI309-SPT302	34-20-02
— E	EPI309-9PI304	22-10-40
	└ EPI309-SPI510	34-50-13
— F	—	
— G	—	
— H	HPI309-LPT302	34-20-02
— J	JPI309-18PI705	34-20-02
— K	—	
— L	LPI309-NPT302	34-20-02
— M	—	
— N	—	
— O	—	
— P	PPI309-11PI303	22-10-33
	└ PPI309-*APT302	34-20-02
— Q	—	
— R	—	
— S	SPI309-*API309	34-20-02
	└ SPI309-26PI704	34-20-02
— T	—	
— U	—	
— V	VPI309-30PI704	34-20-02
— W	—	
— X	XPI309-27PI704	34-20-02
— Y	YPI309-31PI704	34-20-02
— Z	—	
— *A	*API309-SPI309	34-20-02
	└ *API309-26PI704	34-20-02
— *B	*BPI309-28PI704	34-20-02
— *C	—	
— *D	*DPI309-DPI311	34-20-02
— *E	*EPI309-29PI704	34-20-02
— *F	—	
— *G	—	
— *H	*HPI309-HPI311	34-20-02
— *J	*JPI309-*VPT302	34-20-02
— *K	—	
— *L	—	
— *M	*MPI309-API311	34-20-02
— *N	*NPI309-WPT302	34-20-02

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J1310

PI310

REFER TO

—	A	API310-1PI007	34-20-02
	L	API310-1DI300	34-20-02
—	B	BPI310-*NPT302	34-20-02
—	C	CPI310-*SPI308	34-20-02
—	D	DPI310-*CPT302	34-20-02
—	E	EPI310-*JPT302	34-20-02
—	F	FPI310-*KPT302	34-20-02
—	G	—	
—	H	HPI310-SHLDPI311	34-20-02
	L	HPI310-LPF902	34-20-02
	L	HPI310-JPF903	34-20-02
—	J	JPI310-*JPI308	34-20-02

REFER TO

J1311

PI311

REFER TO

—	A	API311-*MPI309	34-20-02
	L	API311-4PM300	34-20-02
—	B	BPI311-*TPT302	34-20-02
	L	BPI311-2PM300	34-20-02
—	C	—	
—	D	DPI311-*DPI309	34-20-02
	L	DPI311-6PM300	34-20-02
—	E	EPI311-ZPT302	34-20-02
	L	EPI311-1PM300	34-20-02
—	F	—	
—	G	—	
—	H	HPI311-*HPI309	34-20-02
	L	HPI311-5PM300	34-20-02

REFER TO

J1506

P1

REFER TO

23-50-20	GS309- 1J1506	1	1P1-A1	27-10-01
23-50-20	1PC511- 1J1506			
23-50-20	1PC510- 1J1506			
33-10-02	LPF902- 1J1506			
23-50-10	6PC007- 2J1506	2	2PI506-3R1	27-10-01
23-50-10	4PI508- 3J1506	3	3PI506-1S1	27-10-01
23-50-10	ORNPC504- 3J1506			
23-50-20	YPI516- 3J1506			
23-50-20	3PC511- 3J1506			
23-50-20	3PC510- 3J1506			
22-10-02	10J1901- 4J1506	4	4PI506-1S2	27-10-01 (17280831 & On
27-10-01			L 4PI506-A2	27-10-01 (17280001 THRU 17280830
22-10-02	7PS300- 5J1506	5	5PI506-A2	27-10-01 (17280001 THRU 17280830
22-10-30	9PI303- 5J1506		L 5PI506-2S2	27-10-01 (17280831 & On
		6	6PI506-1S4	27-10-01 (17280831 & On
		7	7PI506-3S4	27-10-01 (17280831 & On
		8	8PI506-3S3	27-10-01 (17280831 & On
		9	9PI506-2S3	27-10-01 (17280831 & On

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J1507	PI507	REFER TO
— 1	1PI507-49PI508	23-50-10
—	└ 1PI507-3JI901	23-50-10
—	└ 1PI507-4JI901	23-50-21
— 2	2PI507-KPF902	23-50-10
—	└ 2PI507-JPF902	23-50-21
—	└ 2PI507-34PI507	23-50-21
— 3	3PI507-1PI900	23-50-10
— 4	4PI507-9PI511	34-50-10
— 5	5PI507-9PI512	34-50-20
— 6	—	
— 7	7PI507-10PI511	34-50-10
— 8	8PI507-10PI512	34-50-20
— 9	9PI507-10PI602	34-51-01
— 10	—	
— 11	—	
— 12	—	
— 13	—	
— 14	14PI507-6PI303	22-10-02
— 15	15PI507-15PI700	34-52-21
— 16	—	
— 17	—	
— 18	—	
— 19	—	
— 20	—	
— 21	21PI507-KPI511	34-50-10
— 22	22PI507-KPI512	34-50-20
— 23	—	
— 24	24PI507-LPI511	34-50-10
— 25	25PI507-LPJ512	34-50-20
— 26	26PI507-HPI602	34-51-01
— 27	—	
— 28	—	
— 29	—	
— 30	—	
— 31	31PI507-SHLDPI507	22-10-02
— 32	32PI507-16PI700	34-52-21
— 33	—	
— 34	34PI507-JPF902	23-50-10
— 35	—	
— 36	—	
— 37	37PI507-2PI511	34-50-10
— 38	38PI507-6PI511	34-50-10
— 39	39PI507-2PI512	34-50-20
— 40	40PI507-6PI512	34-50-20

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REFER TO

J1508	PI508	REFER TO
1	—	
2	—	
3	—	
4	4PI508-ORNPC504	23-50-10
	└ 4PI508-3JI506	23-50-10
5	5PI508-1JI513	23-50-10
6	6PI508-WHTPC504	23-50-10
	└ 6PI508-WHTPC503	23-50-10
7	7PI508-WHT PF503	23-50-10
8	—	
9	9PI508-WHTPC502	23-50-10
10	10PI508-TPF502	23-50-10
11	—	
12	12PI508-WHTUC500	23-50-10
13	—	
14	—	
15	—	
16	—	
17	17PI508-PF1001	23-50-10
18	—	
19	—	
20	—	
21	—	
22	22PI508-WHTPC505	23-50-10
23	23PI508-WHTPF505	23-50-10
24	—	
25	25PI508-WHTPC506	23-50-10
26	26PI508-WHTPF504	23-50-10
27	—	
28	—	
29	29PI508-BLUUC500	23-50-10
30	—	
31	—	
32	32PI508-38PI304	22-10-30
33	—	
34	—	
35	—	
36	—	
37	—	
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40	—	
41	—	
42	—	
43	—	
44	—	
45	—	
46	—	
47	—	
48	—	
49	49PI508-1PI507	23-50-10
	└ 49PI508-3JI901	23-50-10
50	50PI508-HPF903	23-50-10

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J1510

P1510

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—	K	—
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—	M	—
—	N	—
—	O	—
—	P	—
—	Q	—
—	R	—
	RPI510-12PI605	34-50-11
	L RPI510-24PI604	34-50-12
	L RPI510-2PI705	34-50-13
—	S	—
	SPI510-3PI605	34-50-11
	L SPI510-29PI604	34-50-12
	L SPI510-EP1309	34-50-13
—	T	—
	TPI510-6PI605	34-50-11
	L TPI510-28PI604	34-50-12
	L TPI510-BPI309	34-50-13
—	U	—
	UPI510-9PI605	34-50-11
	L UPI510-25PI604	34-50-12
	L UPI510-1PI705	34-50-13

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REFER TO

JI511	PI511	REFER TO
1	---	
2	2PI511-37PI507	34-50-10
	└ 2PI511-PPI516	34-50-10
3	---	
4	---	
5	---	
6	6PI511-38PI507	34-50-10
	└ 6PI511-RPI516	34-50-10
7	---	
8	8PI511-4PI601	34-50-10
	└ 8PI511-4PI605	34-50-11
	└ 8PI511-SPT303	34-50-13
	└ 8PI511-10PI604	34-50-11
9	9PI511-4PI507	34-50-10
	└ 9PI511-9PI516	34-50-10
A	---	
B	---	
C	---	
D	---	
E	---	
F	---	
G	---	
H	HPI511-2PI601	34-50-10
	└ HPI511-2PI605	34-50-11
	└ HPI511-6PT303	34-50-13
	└ HPI511-6PI604	34-50-11
I	---	
J	---	
K	KPI511-21PI507	34-50-10
	└ KPI511-GS309	34-50-10
L	LPI511-24PI507	34-50-10
	└ LPI511-GS309	34-50-10
M	---	
N	NPI511-8PI601	34-50-10
	└ NPI511-8PI605	34-50-11
	└ NPI511-RPT303	34-50-13
	└ NPI511-41PI604	34-50-11
O	---	
P	PPI511-1JI901	34-50-10
	└ PPI511-13PI511	34-50-11
Q	---	
R	---	
S	SPI511-DPF902	34-50-10
	└ SPI511-BPF902	34-50-11
T	---	
10	10PI511-7PI507	34-50-10
	└ 10PI511-12PI516	34-50-10
11	---	
12	---	
13	13PI511-1JI901	34-50-10
	└ 13PI511-PPI511	34-50-10
14	---	
15	15PI511-CPF902	34-50-10
	└ 15PI511-SHLDPI511	34-50-10
	└ 15PI511-BPF902	34-50-11

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21	—	
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24	—	
25	— 25PI511-3PI900	34-50-10
J1512		
1	—	
2	— 2PI512-39PI507	34-50-20
	└ 2PI512-HPI516	34-50-20
3	—	
4	—	
5	—	
6	— 6PI512-40PI507	34-50-20
	└ 6PI512-VPI516	34-50-20
7	—	
8	— 8PI512-4PI601	34-50-20
9	— 9PI512-5PI507	34-50-20
	└ 9PI512-10PI516	34-50-20
H	— HPI512-2PI601	34-50-20
K	— KPI512-22PI507	34-50-20
	└ KPI512-GS309	34-50-20
L	— LPI512-25PI507	34-50-20
	└ LPI512-GS309	34-50-20
N	— NPI512-8PI601	34-50-20
P	— PPI512-2JI901	34-50-20
S	— SPI512-HPF902	34-50-20
	└ SPI512-15PI512	34-50-20
	└ SPI512-DPF902	34-50-20
	└ SPI512-SHLDPI512	34-50-20
10	— 10PI512-8PI507	34-50-20
	└ 10PI512-13PI516	34-50-20
11	—	
12	—	
13	— 13PI512-2JI901	34-50-20
	└ 13PI512-PPI512	34-50-20
14	—	
15	— 15PI512-FPF902	34-50-20
	└ 15PI512-SHLDPI512	34-50-20
	└ 15PI512-DPF902	34-50-20
	└ 15PI512-SPI512	34-50-20
16	—	
17	—	
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21	—	
22	—	
23	—	
24	—	
25	— 25PI512-7PI900	34-50-20

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J1513

50PI531- 1J1513
51PI531- 2J1513

PI513

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23-50-21
23-50-21
23-50-21
23-50-24
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23-50-21
23-50-21
23-50-24
22-10-40
22-10-46
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J1514

YPI516- 1J1514
WHTPC511- 1J1514
WHTPC510- 1J1514
APF903- 1J1514
6PC007- 2J1514
6JC031- 2J1514
GS309- 3J1514
ORNPC511- 3J1514
ORNPC510- 3J1514
29PI531- 3J1514
10J1901- 4J1514
16JC023- 4J1514
HPT300- 5J1514
7PS300- 5J1514
9PI303- 5J1514
22PI304- 6J1514
27PI303- 7J1514
25PI304- 8J1514
FPF903- 9J1514
HPF903- 9J1514
EPF903- 9J1514
DPF902- 9J1514

PI514

1 —

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REFER TO

REFER TO

J1515

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PI515

1 — 1PI515-48PI531
2 — 2PI515-68PI531
3 — 3PI515-67PI531

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JI516	PI516	REFER TO
— 1	1PI516-GS309	23-50-21
—	└ 1PI516-SHLDPC510	23-50-21
—	└ 1PI516-SHLDPC511	23-50-21
—	└ 1PI516-SHLDPC509	23-50-21
—	└ 1PI516-SHLDUC500	23-50-21
— 2	2PI516-38PI304	22-10-42
— 3	3PI516-3PC509	23-50-20
— 4	—	
— 5	—	
— 6	—	
— 7	—	
— 8	8PI516-2PC511	23-50-20
—	└ 8PI516-2PC510	23-50-20
— 9	9PI516-9PI511	34-50-10
— A	API516-SHLDPI516	23-50-20
— B	BPI516-PF1001	23-50-21
— E	EPI516-MPF902	23-50-21
— F	FPI516-1PI900	23-50-21
— H	HPI516-2PI512	34-50-20
— P	PPI516-2PI511	34-50-10
— R	RPI516-6PI511	34-50-10
— S	SPI516-10PI602	34-51-01
— T	TPI516-6PI303	22-10-42
— V	VPI516-6PI512	34-50-20
— W	WPI516-HUC500	23-50-20
— Y	YPI516-1JI514	23-50-21
—	└ YPI516-3PC511	23-50-20
—	└ YPI516-3PC510	23-50-20
—	└ YPI516-3JI506	23-50-20
— Z	ZPI516-MPF903	23-50-21
— 10	10PI516-9PI512	34-50-20
— 11	—	
— 12	12PI516-10PI511	34-50-10
— 13	13PI516-10PI512	34-50-20
— 14	—	
— 15	—	
— 16	—	
— 17	—	
— 18	—	
— 19	—	
— 20	20PI516-4JI901	23-50-21
— 21	—	
— 22	22PI516-GUC500	23-50-20
—	└ 22PI516-1PC509	23-50-20
— 23	—	
— 24	—	
— 25	—	

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J1517	PI517	REFER TO
1	1PI517-WHTPC509	23-50-21
2	2PI517-2PF512	23-50-21
3	3PI517-3PF512	23-50-21
4	4PI517-2PC517	23-50-21
5	5PI517-2PF509	23-50-21
6	—	—
7	—	—
8	8PI517-2PF513	23-50-21
9	9PI517-3PF513	23-50-21
	└ 9PI517-1J1513	23-50-21
B	BPI517-SHLDPI517	23-50-21
	└ BPI517-1PF512	23-50-21
D	DPI517-1OC517	23-50-21
	└ DPI517-SHLDPI517	23-50-21
E	EPI517-1PF509	23-50-21
	└ EPI517-SHLDPI517	23-50-21
K	KPI517-2J1513	23-50-21
	└ KPI517-1PF513	23-50-21
	└ KPI517-SHLDPI517	23-50-21
N	NPI517-1PC515	23-50-21
	└ NPI517-SHLDPI517	23-50-21
	└ NPI517-1PF508	23-50-21
R	RPI517-TPI517	23-50-21
	└ RPI517-WHTPC512	23-50-21
	└ RPI517-SHLDPI517	23-50-21
T	TPI517-RPI517	23-50-21
	└ TPI517-1PC512	23-50-21
	└ TPI517-SHLDPI517	23-50-21
10	—	—
11	11PI517-3PC515	23-50-21
	└ 11PI517-3PF508	23-50-21
12	12PI517-2PC515	23-50-21
	└ 12PI517-2PF508	23-50-21
13	13PI517-15PI517	23-50-21
	└ 13PI517-3PC512	23-50-21
14	14PI517-6PI303	22-10-02
	└ 14PI517-16PI517	23-50-21
	└ 14PI517-2PC512	23-50-21
15	15PI517-13PI517	23-50-21
	└ 15PI517-3PC512	23-50-21
16	16PI517-2PC512	23-50-21
	└ 16PI517-14PI517	23-50-21
17	—	—
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— 30 —
— 31 — 31PI517-SHLDPI507 22-10-02

JI531	PI531	REFER TO
— 7 —	7PI531-9PT317	23-50-24
— 8 —	8PI531-10PT317	23-50-24
	└ 8PI531-8PT317	23-50-24
— 9 —	9PI531-3PC509	23-50-24
— 10 —	10PI531-2PC509	23-50-24
— 11 —	11PI531-1PC509	23-50-24
— 17 —	17PI531-3PC522	23-50-24
	└ 17PI531-56PI531	23-50-24
— 18 —	18PI531-2PC522	23-50-24
	└ 18PI531-57PI531	23-50-24
— 20 —	20PI531-6PI303	22-10-46
— 26 —	26PI531-7PT317	23-50-24
— 27 —	27PI531-4PT317	23-50-24
— 28 —	28PI531-2PC511	23-50-24
	└ 28PI531-2PC510	23-50-24
— 29 —	29PI531-3JI514	23-50-24
	└ 29PI531-3PC511	23-50-24
	└ 29PI531-3PC510	23-50-24
— 30 —	30PI531-1PC511	23-50-24
	└ 30PI531-1PC510	23-50-24
— 37 —	37PI531-1PC522	23-50-24
	└ 37PI531-76PI531	23-50-24
— 46 —	46PI531-2PC517	23-50-24
— 47 —	47PI531-1PC517	23-50-24
— 48 —	48PI531-1PF508	23-50-24
	└ 48PI531-1PC515	23-50-24
	└ 48PI531-SHLDPI531	23-50-24
— 49 —	49PI531-2PF513	23-50-24
— 50 —	50PI531-1JI513	23-50-24
	└ 50PI531-3PF513	23-50-24
— 51 —	51PI531-1PF513	23-50-24
	└ 51PI531-2JI513	23-50-24
— 56 —	56PI531-17PI531	23-50-24
— 57 —	57PI531-18PI531	23-50-24
— 65 —	65PI531-2PF509	23-50-24
— 66 —	66PI531-1PF509	23-50-24
— 67 —	67PI531-3PF508	23-50-24
	└ 67PI531-3PC515	23-50-24
— 68 —	68PI531-2PF305	23-50-24
	└ 68PI531-2PC515	23-50-24
— 69 —	69PI531-3PF512	23-50-24
— 70 —	70PI531-2PF512	23-50-24
— 71 —	71PI531-1PF512	23-50-24
— 76 —	76PI531-37PI531	23-50-24

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JI532	PI532	REFER TO
— 6	6PI532-59PT304	23-50-24
— 7	7PI532-62PT304	23-50-24
— 8	8PI532-14PT317	23-50-24
— 9	9PI532-13PT317	23-50-24
— 14	14PI532-APF902	23-50-24
— 28	28PI532-59PT303	23-50-24
— 29	29PI532-69PT304	23-50-24
— 34	34PI532-38PI304	22-10-46
— 38	38PI532-59PT307	23-50-24
— 39	39PI532-62PT307	23-50-24
— 41	41PI532-GUC500	23-50-24
— 42	42PI532-HUC500	23-50-24
— 47	47PI532-14PT305	23-50-24
— 48	48PI532-13PT305	23-50-24
— 52	52PI532-1PI900	23-50-24
— 53	53PI532-18JC023	23-50-24
— 59	59PI532-SHLDPI532	23-50-24
— 68	68PI532-59PT306	23-50-24
— 69	69PI532-61PT306	23-50-24
— 71	71PI532-61PT303	23-50-24
— 78	78PI532-PF1001	23-50-24

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JI601	PI601	REFER TO
— 1	1PI601-BPF902	34-50-10
	└ 1PI601-APF902	34-50-10
	└ 1PI601-EPF902	34-50-20
— 2	2PI601-HPI511	34-50-10
	└ 2PI601-HPI512	34-50-20
— 3	—	
— 4	4PI601-8PI511	34-50-10
	└ 4PI601-EPF902	34-50-20
— 5	5PI601-5PI900	34-50-10
	└ 5PI601-9PI900	34-50-20
— 6	—	
— 7	—	
— 8	8PI601-NPI511	34-50-10
	└ 8PI601-NPI512	34-50-20

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JI602	PI602	REFER TO
1	—	
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4	—	
5	—	
6	6PI602-4PC600	34-51-01
7	—	
8	8PI602-2PC600	34-51-01
9	9PI602-12PI900	34-51-01
A	API602-CPI603	34-51-01
B	BPI602-CPI603	34-51-01
C	—	
D	DPI602-BPI603	34-51-01
E	EPI602-SHLDPI602	34-51-01
	L EPI602-MPI602	34-51-01
	L EPI602-PPI602	34-51-01
	L EPI602-SPI602	34-51-01
	L EPI602-RPI602	34-51-01
	L EPI602-MPF902	34-51-01
F	FPI602-5PC600	34-51-01
G	—	
H	HPI602-26PI507	34-51-01
I	—	
J	—	
K	—	
L	—	
M	MPI602-SHLDPI602	34-51-01
	L MPI602-PPI602	34-51-01
	L MPI602-SPI602	34-51-01
	L MPI602-RPI602	34-51-01
	L MPI602-EPI602	34-51-01
	L MPI602-MPF902	34-51-01
N	—	
P	PPI602-SHLDPI602	34-51-01
	L PPI602-MPI602	34-51-01
	L PPI602-SPI602	34-51-01
	L PPI602-RPI602	34-51-01
	L PPI602-EPI602	34-51-01
	L PPI602-MPF902	34-51-01
R	RPI602-SHLDPI602	34-51-01
	L RPI602-MPI602	34-51-01
	L RPI602-PPI602	34-51-01
	L RPI602-SPI602	34-51-01
	L RPI602-EPI602	34-51-01
	L RPI602-MPF902	34-51-01
S	SPI602-SHLDPI602	34-51-01
	L SPI602-MPI602	34-51-01
	L SPI602-RPI602	34-51-01
	L SPI602-PPI602	34-51-01
	L SPI602-EPI602	34-51-01
	L SPI602-MPF902	34-51-01
10	10PI602-9PI507	34-51-01
11	—	
12	12PI602-1PC600	34-51-01
13	13PI602-5JI901	34-51-01

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	15	15PI602-7PC600	34-51-01
JI603	PI603		REFER TO
—	A	API603-16PI900	34-51-01
—	B	BPI603-DPI602	34-51-01
—	C	CPI603-API602	34-51-01
—	D	—	
—	E	EPI603-8PI602	34-51-01
—	F	—	
—	G	—	
—	H	HPI603-PPF902	34-51-01
	L	HPI603-HPF902	34-51-01

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JI604	PI604	REFER TO
— 1	1PI604-24PI702	34-52-21
— 2	2PI604-34PI700	34-52-21
— 3	3PI604-11PI701	34-52-21
— 4	—	
— 5	5PI604-5PI900	34-50-12
— 6	6PI604-HPIS11	34-50-12
— 7	7PI604-2PI702	34-52-21
— 8	8PI604-16PI702	34-52-21
— 9	9PI604-17PI700	34-52-21
— 10	10PI604-8PI511	34-50-12
— 11	11PI604-22PI303	22-10-30
— 12	12PI604-23PI303	22-10-30
— 13	13PI604-7PI303	22-10-30
— 14	14PI604-36PI700	34-52-21
— 15	15PI604-35PI700	34-52-21
— 16	16PI604-25PI303	22-10-30
— 17	17PI604-24PI303	22-10-30
— 18	—	
— 19	—	
— 20	20PI604-11PI700	34-52-21
— 21	21PI604-12PI700	34-52-21
— 22	—	
— 23	—	
— 24	24PI604-RPI510	34-50-12
— 25	25PI604-UPI510	34-50-12
— 26	—	
— 27	—	
— 28	28PI604-TPI510	34-50-12
— 29	29PI604-SPI510	34-50-12
— 30	—	
— 31	—	
— 32	—	
— 33	—	
— 34	34PI604-49PI604	34-50-12
	└ 34PI604-BPF902	34-50-12
	└ 34PI604-APF902	34-50-11
— 35	35PI604-8JI901	34-52-21
— 36	36PI604-37PI604	34-52-21
— 37	37PI604-36PI604	34-52-21
— 38	38PI604-26PI304	22-10-30
		22-10-41
— 39	39PI604-31PI700	34-52-21
— 40	40PI604-13PI702	34-52-21
— 41	41PI604-NPI511	34-50-12
— 42	42PI604-33PI700	34-52-21
— 43	43PI604-32PI700	34-52-21
— 44	44PI604-9PI304	22-10-41
— 45	45PI604-10PI304	22-10-41
— 46	46PI604-31PI304	22-10-41
— 47	47PI604-12PI304	22-10-41
— 48	48PI604-10PI701	34-52-21
— 49	49PI604-34PI604	34-50-12
	└ 49PI604-BPF902	34-50-12
	└ 49PI604-APF902	34-50-11
— 50	50PI604-37PI700	34-52-21

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J1605	PI605	REFER TO
— 1	1PI605-BPF902	34-50-11
— 2	2PI605-HPI511	34-50-11
— 3	3PI605-SPI510	34-50-11
— 4	4PI605-8PI511	34-50-11
— 5	5PI605-5PI900	34-50-11
— 6	6PI605-TPI510	34-50-11
— 7	—	
— 8	8PI605-NPI511	34-50-11
— 9	9PI605-UPI510	34-50-11
— 10	—	
— 11	—	
— 12	12PI605-RPI510	34-50-11

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JI700

PI700

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1	—	
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7	—	
8	— 8PI700-6PI702	34-52-21
9	—	
10	—	
11	— 11PI700-20PI604	34-52-21
	└ 11PI700-39PI704	34-52-22
12	— 12PI700-21PI604	34-52-21
	└ 12PI700-40PI704	34-52-22
13	—	
14	—	
15	— 15PI700-15PI507	34-52-21
16	— 16PI700-32PI507	34-52-21
17	— 17PI700-9PI604	34-52-21
	└ 17PI700-43PI705	34-52-22
18	— 18PI700-8JI901	34-52-20
	└ 18PI700-19PI700	34-52-20
19	— 19PI700-18PI700	34-52-20
	└ 19PI700-8JI901	34-52-20
20	— 20PI700-31PI700	34-52-20
	└ 20PI700-EPF903	34-52-20
	└ 20PI700-14PI701	34-52-20
	└ 20PI700-SHLDPI700	34-52-22
21	—	
22	— 22PI700-2PC800	34-52-20
23	— 23PI700-3PC800	34-52-20
24	— 24PI700-4PC800	34-52-20
25	— 25PI700-5PC800	34-52-20
26	— 26PI700-9PC800	34-52-20
27	— 27PI700-10PC800	34-52-20
28	— 28PI700-11PC800	34-52-20
29	— 29PI700-13PC800	34-52-20
30	— 30PI700-12PC800	34-52-20
31	— 31PI700-20PI700	34-52-20
	└ 31PI700-EPF903	34-52-20
	└ 31PI700-14PI701	34-52-20
	└ 31PI700-39PI604	34-52-21
	└ 31PI700-3PI705	34-52-22
32	— 32PI700-43PI604	34-52-21
	└ 32PI700-38PI704	34-52-22
33	— 33PI700-42PI604	34-52-21
	└ 33PI700-36PI704	34-52-22
34	— 34PI700-2PI604	34-52-21
	└ 34PI700-43PI704	34-52-22
35	— 35PI700-15PI604	34-52-21
	└ 35PI700-45PI704	34-52-22
36	— 36PI700-14PI604	34-52-21
	└ 36PI700-46PI704	34-52-22
37	— 37PI700-50PI604	34-52-21
	└ 37PI700-42PI704	34-52-22

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JI701	PI701	REFER TO
1	—	
2	—	
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9	—	
10	10PI701-48PI604	34-52-21
11	11PI701-3PI604	34-52-21
12	—	
13	—	
14	14PI701-20PI700	34-52-20
	└ 14PI701-31PI700	34-52-20
	└ 14PI701-EPF903	34-52-20
15	15PI701-4PI702	34-52-21
16	16PI701-3PI702	34-52-21
17	17PI701-10PI702	34-52-21
18	18PI701-9PI702	34-52-21
19	19PI701-8PI702	34-52-21
20	—	
21	—	
22	—	
23	—	
24	24PI701-2PI900	34-52-20

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JI702	PI702	REFER TO
1	1PI702-13JI901	34-52-21
2	2PI702-7PI604	34-52-21
3	3PI702-16PI701	34-52-21
4	4PI702-15PI701	34-52-21
5	5PI702-6PI900	34-52-21
6	6PI702-8PI700	34-52-21
7	7PI702-8PC007	34-52-21
8	8PI702-19PI701	34-52-21
9	9PI702-18PI701	34-52-21
10	10PI702-17PI701	34-52-21
11	—	
12	—	
13	13PI702-40PI604	34-52-21
	└ 13PI702-14JI901	34-52-21
14	—	
15	—	
16	16PI702-8PI604	34-52-21
17	17PI702-7PC007	34-52-21
18	—	
19	—	
20	—	
21	—	
22	—	
23	—	
24	24PI702-1PI604	34-52-21
25	25PI702-DPF903	34-52-21

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JI704	PI704	REFER TO
— 1	1PI704-12PT303	34-50-13
— 2	2PI704-7PT303	34-50-13
— 3	3PI704-11PT303	34-50-13
— 4	—	—
— 5	5PI704-3PT303	34-50-13
— 6	6PI704-10PT303	34-50-13
— 7	7PI704-2PT303	34-50-13
— 8	—	—
— 9	9PI704-1PT303	34-50-13
— 10	10PI704-13PT303	34-50-13
— 11	11PI704-4PT303	34-50-13
— 12	12PI704-9PT303	34-50-13
— 13	13PI704-5PT303	34-50-13
— 14	—	—
— 15	15PI704-KPT303	34-50-13
— 16	—	—
— 17	17PI704-24PI702	34-52-22
— 18	18PI704-22PI303	22-10-33
	└ 18PI704-KPI308	34-20-02
— 19	19PI704-23PI303	22-10-33
	└ 19PI704-FPI308	34-20-02
— 20	20PI704-TPI308	34-20-02
— 21	21PI704-ZPI308	34-20-02
— 22	22PI704-24PI303	22-10-33
	└ 22PI704-VPI308	34-20-02
— 23	23PI704-25PI303	22-10-33
	└ 23PI704-BPI308	34-20-02
— 24	—	—
— 25	—	—
— 26	26PI704-APi309	34-20-02
	└ 26PI704-SPI309	34-20-02
— 27	27PI704-XPI309	34-20-02
— 28	28PI704-BPI309	34-20-02
— 29	29PI704-EPI309	34-20-02
— 30	30PI704-VPI309	34-20-02
— 31	31PI704-YPI309	34-20-02
— 32	—	—
— 33	33PI704-8JI901	34-52-22
— 34	34PI704-10PI701	34-52-22
— 35	35PI704-11PI701	34-52-22
— 36	36PI704-33PI700	34-52-22
— 37	—	—
— 38	38PI704-32PI700	34-52-22
— 39	39PI704-11PI700	34-52-22
— 40	40PI704-12PI700	34-52-22
— 41	—	—
— 42	42PI704-37PI700	34-52-22
	└ 42PI704-44PI704	34-52-22
	└ 42PI704-48PI704	34-52-22
— 43	43PI704-34PI700	34-52-22
— 44	44PI704-42PI704	34-52-22
	└ 44PI704-48PI704	34-52-22
	└ 44PI704-37PI700	34-52-22
— 45	45PI704-35PI700	34-52-22
— 46	46PI704-36PI700	34-52-22

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—	48	— 48PI704-44PI704	34-52-22
		└ 48PI704-42PI704	34-52-22
		└ 48PI704-37PI700	34-52-22

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JI705	PI705	REFER TO
1	1PI705-UPI510	34-50-13
2	2PI705-RPI510	34-50-13
3	3PI705-31PI700	34-52-22
4	—	—
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	10PI705-8PI511	34-50-13
11	—	—
12	12PI705-16PI702	34-52-22
13	—	—
14	—	—
15	—	—
16	16PI705-2PI702	34-52-22
17	17PI705-SHLDPI704	34-20-02
	└ 17PI705-29PI705	34-52-22
	└ 17PI705-20PI705	34-52-22
	└ 17PI705-DPF903	34-52-22
	└ 17PI705-25PI702	34-52-22
18	18PI705-31PI304	22-10-40
	└ 18PI705-JPI309	34-20-02
19	19PI705-12PI304	22-10-40
	└ 19PI705-WPI308	34-20-02
20	20PI705-29PI705	34-52-22
	└ 20PI705-17PI705	34-52-22
	└ 20PI705-DPF903	34-52-22
	└ 20PI705-25PI702	34-52-22
21	—	—
22	—	—
23	—	—
24	—	—
25	—	—
26	—	—
27	27PI705-7PI303	22-10-33
28	—	—
29	29PI705-17PI705	34-52-22
	└ 29PI705-20PI705	34-52-22
	└ 29PI705-DPF903	34-52-22
	└ 29PI705-25PI702	34-52-22
30	—	—
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36	—	—
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41	—	—
42	—	—
43	43PI705-17PI700	34-52-22

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—	45	—	45PI705-26PI304 22-10-33 22-10-40

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34-50-10	PPI511-1J1901	1-1PI901-2HI900	24-62-11
34-50-10	13PI511-2J1901	2-2PI901-2HI901	24-62-11
34-50-20	PPI512-2J1901		34-50-20
34-50-20	13PI512-2J1901		
23-50-10	1PI507-3J1901	3-3PI901-2HI900	24-62-11
23-50-10	49PI508-3J1901		
		4-4PI901-2HI900	24-62-11
		4PI901-2HI901	24-62-11
34-51-01	13PI602-5J1901	5-5PI901-2HI903	24-62-11
34-53-01	14PC800-6J1901	6-6PI901-2HI904	24-62-11
34-53-01	11PI800-7J1901	7-7PI901-2HI904	24-62-11
34-52-20	18PI700-8J1901	8-8PI901-2HI902	24-62-11
34-52-20	19PI700-8J1901		
34-52-21	35PI604-8J1901		
22-10-02	16PI303-9J1901	9-9PI901-2HI905	24-62-11
		9PI901-2HI918	24-62-26
22-10-02	4JI506-10J1901	10-10PI901-2HI905	24-62-11
22-10-40	4JI514-10J1901		
		10PI901-2HI918	24-62-26
		11-	
21-20-01	1PC901-12J1901	12-12PI901-2HI906	24-62-11
34-52-21	1PI702-13J1901	13-13PI901-2HI900	24-62-11
34-20-01	5PI406-14J1901	14-14PI901-2HI902	24-62-20
34-20-01	6PI406-14J1901		
34-52-22	13PI702-14J1901		
		15-	
34-20-02	EPT302-16J1901	16-16PI901-2HI911	24-62-11
34-20-02	HPI308-16J1901		
REFER TO	JL002	PL002	REFER TO
33-40-05	2PC010-1JL002	1-1PL002-1FL002	33-40-05
33-40-02	6PL002-1JL002	1PL002-REDUL003	33-40-02
33-40-05	1PC010-2JL002	2-2PL002-1FL001	33-40-05
33-40-04	1JC011-3JL002	3-3PL002-1PL004	33-40-04
33-40-01	11PC001-4JL002	4-4PL002-1JL003	33-40-01
30-30-01	5PC010-5JL002	5-5PL002-1JL006	30-30-01
30-30-01	2JC026-5JL002	5PL002-	
33-40-02	13PC001-6JL002	6-6PL002-1JL005	33-40-02
33-40-02	7JC026-6JL002	6PL002-	
33-40-05	FGI001-7JL002	7-7PL002-2FL002	33-40-05
28-40-01	2JI013-8JL002	8-8PL002-1UL002	28-40-01
28-40-01	YGI001-9JL002	9-9PL002-2UL002	28-40-01
REFER TO	JL005	PL005	REFER TO
33-40-02	6PL002-1JL005	1-1PL005-REDUL001	33-40-02
	1JL005	1PL005-REDUL003	33-40-02
REFER TO	JL006	PL006	REFER TO
30-30-01	5PL002-1JL006	1-1PL006-2TL001	30-30-01
REFER TO	JL007	PL007	REFER TO
30-30-01	GL010-1JL007	1-1PL007-1TL001	30-30-01

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

REFER TO

JL301

—	A	APL301-5JM300
—	B	BPL301-4JM300
—	C	—
—	D	DPL301-6JM300
—	E	EPL301-2JM300
—	F	—
—	G	—
—	H	HPL301-1JM300

REFER TO

34-20-02
34-20-02
34-20-02
34-20-02
34-20-02
34-20-02
34-20-02

REFER TO

34-20-02
34-20-02
34-20-02
34-20-02
34-20-02
34-20-02
34-20-02

JM300

HPL301- 1JM300
EPL301- 2JM300
SHLDJM300- 3JM300
BPL301- 4JM300
APL301- 5JM300
DPL301- 6JM300
SHLDJM300- 7JM300

PM300

1	1PM300-EP1311
2	2PM300-BP1311
3	3PM300-SHLDPM300
4	4PM300-AP1311
5	5PM300-HP1311
6	6PM300-DP1311
7	7PM300-SHLDPM300

REFER TO

34-20-02
34-20-02
34-20-02
34-20-02
34-20-02
34-20-02
34-20-02

REFER TO

31-20-01
31-20-01
31-20-01

JN005

GNDEI003- AJN005
JGI001- BJN005
7JI006- CJN005

PN005

A	—
B	—
C	—

REFER TO

REFER TO

33-40-01
33-40-04
33-40-02
33-40-02
27-50-01
27-50-01
28-40-01
28-40-01

JR001

11PC001- 1JR001
1JC011- 2JR001
12PC001- 3JR001
7JC026- 3JR001
3JI001- 4JR001
4JI001- 5JR001
4JI013- 6JR001
ZGI001- 7JR001

PR001

1	1PR001-1JR002
2	2PR001-1RP003
3	3PR001-1JR004
4	3PR001-
4	4PR001-1JR005
5	5PR001-2JR005
6	6PR001-1UR002
7	7PR001-2UR002

REFER TO

33-40-01
33-40-04
33-40-02
27-50-01
27-50-01
28-40-01
28-40-01

REFER TO

33-40-02

JR004

3PR001- 1JR004
1JR004

PR004

1	1PR004-REDUR001
1	1PR004-REDUR003

REFER TO

33-40-02
33-40-02

REFER TO

27-50-01
27-50-01

JR005

4PR001- 1JR005
5PR001- 2JR005

PR005

1	1PR005-NCSR001
2	2PR005-NCSR002

REFER TO

27-50-01
27-50-01

REFER TO

27-50-01
27-50-01
27-50-01
27-50-01

JR006

CSR002- 1JR006
2RR001- 1JR006
CSR001- 2JR006
2RR002- 2JR006

PR006

1	1PR006-YELMR001
2	2PR006-BLKMR001

REFER TO

27-50-01
27-50-01

REFER TO

27-50-01
27-50-01

JR007

1RR001- 1JR007
1RR002- 2JR007

PR007

1	1PR007-9JS300
2	2PR007-8JS300

REFER TO

22-10-01
22-10-01

REFER TO

27-50-01
27-50-01

JR022

NOSR001- 1JR022
NOSR002- 2JR022

PR022

1	1PR022-GR010
2	2PR022-GR010

REFER TO

27-50-01
27-50-01

CESSNA AIRCRAFT COMPANY

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WIRING DIAGRAM MANUAL

REFER TO

JR301

PR301

REFER TO

—	A	—	
—	B	—	
—	C	—	CPR301-NPR301 22-10-01
		└	CPR301-GS300 22-10-01
		└	CPR301-SHLDPR301 22-10-01
—	D	—	DPR301-2JS300 22-10-01
—	E	—	EPR301-HPR301 22-10-01
		└	EPR301-7JS300 22-10-01
—	F	—	FPR301-6JS300 22-10-01
—	G	—	
—	H	—	HPR301-7JS300 22-10-01
		└	HPR301-EPR301 22-10-01
—	J	—	
—	K	—	KPR301-4JS300 22-10-01
—	L	—	LPR301-1JS300 22-10-01
—	M	—	
—	N	—	NPR301-GS300 22-10-01
		└	NPR301-CPR301 22-10-01
		└	NPR301-SHLDPR301 22-10-01

REFER TO

JS300

PS300

REFER TO

22-10-01	LPR301-1JS300	1	1PS300-18PI303	22-10-02
22-10-01	DPR301-2JS300	2	2PS300-19PI303	22-10-02
22-10-01	SHLDJS300-3JS300	3	3PS300-SHLDPS300	22-10-02
22-10-01	KPR301-4JS300	4	4PS300-5PI303	22-10-02
	—	5	—	
22-10-01	FPR301-6JS300	6	6PS300-1PI303	22-10-02
22-10-01	HPR301-7JS300	7	7PS300-5JI506	22-10-02
22-10-01	EPR301-7JS300		└ 7PS300-HPT300	22-10-40
			└ 7PS300-5JI514	22-10-40
			└ 7PS300-9PI303	22-10-40
22-10-01	2PR007-8JS300	8	8PS300-45PI304	22-10-40
22-10-01	1PR007-9JS300	9	9PS300-46PI304	22-10-40

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

REFER TO

JT300	PT300	REFER TO
— A	APT300-48PI304	22-10-40
— B	—	
— C	CPT300-NPT300	22-10-40
	└ CPT300-GS308	22-10-40
	└ CPT300-SHLDPT300	22-10-40
— D	DPT300-7PI304	22-10-40
— E	EPT300-HPT300	22-10-40
	└ EPT300-5JI514	22-10-40
	└ EPT300-EPT301	22-10-40
	└ EPT300-HPT301	22-10-40
— F	FPT300-8PI304	22-10-40
— G	—	
— H	HPT300-EPT300	22-10-46
	└ HPT300-5JI514	22-10-46
	└ HPT300-EPT301	22-10-46
	└ HPT300-HPT301	22-10-46
— J	JPT300-6PI304	22-10-40
— K	KPT300-28PI304	22-10-40
— L	LPT300-24PI304	22-10-40
— M	—	
— N	NPT300-CPT300	22-10-40
	└ NPT300-GS308	22-10-40
	└ NPT300-SHLDPT300	22-10-40
— O	—	
— P	PPT300-47PI304	22-10-40
— R	RPT300-23PI304	22-10-40

REFER TO

JT301	PT301	REFER TO
— A	APT301-44PI304	22-10-40
— B	—	
— C	CPT301-NPT301	22-10-40
	└ CPT301-GS308	22-10-40
	└ CPT301-SHLDPT301	22-10-40
— D	DPT301-36PI304	22-10-40
— E	EPT301-HPT301	22-10-40
	└ EPT301-HPT300	22-10-40
	└ EPT301-EPT300	22-10-40
	└ EPT301-5JI514	22-10-40
— F	FPT301-1PI304	22-10-41
— G	—	
— H	HPT301-EPT301	22-10-40
	└ HPT301-HPT300	22-10-40
	└ HPT301-EPT300	22-10-40
	└ HPT301-5JI514	22-10-40
— J	JPT301-2PI304	22-10-40
— K	KPT301-1PI304	22-10-40
— L	LPT301-32PI304	22-10-40
— M	—	
— N	NPT301-CPT301	22-10-40
	└ NPT301-GS308	22-10-40
	└ NPT301-SHLDPT301	22-10-40
— P	—	
— R	RPT301-4PI304	22-10-40

CESSNA AIRCRAFT COMPANY
MODEL 172
WIRING DIAGRAM MANUAL

REFER TO

JT302

PT302

REFER TO

—	A	—	
—	B	—	
—	C	—	
—	D	DPT302-*KPI308	34-20-02
—	E	—	
—	F	FPT302-*VPI308	34-20-02
—	G	—	
—	H	HPT302-*FPI308	34-20-02
—	J	—	
—	K	KPT302-YPI308	34-20-02
—	L	LPT302-HPI309	34-20-02
—	M	—	
—	N	NPT302-LPI309	34-20-02
—	P	PPT302-API309	34-20-02
—	Q	—	
—	R	—	
—	S	SPT302-DPI309	34-20-02
—	T	TPT302-*SPI308	34-20-02
	L	TPT302-CPI310	34-20-02
—	U	—	
—	V	VPT302-*NPI308	34-20-02
—	W	WPT302-*NPI309	34-20-02
—	X	—	
—	Y	YPT302-*JPI308	34-20-02
	L	YPT302-JPI310	34-20-02
—	Z	ZPT302-EPI311	34-20-02
—	*A	*APT302-PPi309	34-20-02
—	*B	*BPT302-GS901	34-20-02
	L	*BPT302-SHLDPT302	34-20-02
—	*C	*CPT302-DPI310	34-20-02
—	*D	—	
—	*E	*EPT302-16J1901	34-20-02
	L	*EPT302-HPI308	34-20-02
—	*F	—	
—	*G	—	
—	*H	—	
—	*J	*JPT302-EPI310	34-20-02
—	*K	*KPT302-FPI310	34-20-02
—	*L	—	
—	*M	—	
—	*N	*NPT302-BPI310	34-20-02
—	*P	—	
—	*R	—	
—	*S	—	
—	*T	*TPT302-BPI311	34-20-02
—	*U	—	
—	*V	*VPT302-*JPI309	34-20-02

CESSNA AIRCRAFT COMPANY

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WIRING DIAGRAM MANUAL

REFER TO

JT303	PT303	REFER TO
1	1PT303-9PI704	34-50-13
2	2PT303-7PI704	34-50-13
3	3PT303-5PI704	34-50-13
4	4PT303-11PI704	34-50-13
5	5PT303-13PI704	34-50-13
6	6PT303-HP1511	34-50-13
7	7PT303-2PI704	34-50-13
9	9PT303-12PI704	34-50-13
A	APT303-GS901	34-50-13
K	KPT303-15PI704	34-50-13
R	RPT303-NPI511	34-50-13
S	SPT303-8PI511	34-50-13
10	10PT303-6PI704	34-50-13
11	11PT303-3PI704	34-50-13
12	12PT303-1PI704	34-50-13
13	13PT303-10PI704	34-50-13
59	59PT303-28PI532	23-50-24
61	61PT303-71PI532	23-50-24

REFER TO

JT304	PT304	REFER TO
59	59PT304-6PI532	23-50-24
62	62PT304-7PI532	23-50-24
69	69PT304-29PI532	23-50-24

REFER TO

JT305	PT305	REFER TO
13	13PT305-48PI532	23-50-24
14	14PT305-47PI532	23-50-24

REFER TO

JT306	PT306	REFER TO
59	59PT306-68PI532	23-50-24
61	61PT306-69PI532	23-50-24

REFER TO

JT307	PT307	REFER TO
59	59PT307-38PI532	23-50-24
62	62PT307-39PI532	23-50-24

REFER TO

JT311	PT311	REFER TO
7	7PT311-44PI304	22-10-46
25	25PT311-7PI303	22-10-46
27	27PT311-26PI304	22-10-46

REFER TO

JT312	PT312	REFER TO
17	17PT312-24PI303	22-10-46
18	18PT312-25PI303	22-10-46
19	19PT312-22PI303	22-10-46
20	20PT312-23PI303	22-10-46
23	23PT312-9PI304	22-10-46
24	24PT312-10PI304	22-10-46
25	25PT312-31PI304	22-10-46
26	26PT312-12PI304	22-10-46
64	64PT312-40PI304	22-10-46
68	68PT312-11PI303	22-10-46

CESSNA AIRCRAFT COMPANY

MODEL 172

WIRING DIAGRAM MANUAL

REFER TO

JT313	PT313	REFER TO
34	34PT313-41PI304	22-10-46
36	36PT313-42PI304	22-10-46
46	46PT313-2PI303	22-10-46
47	47PT313-49PT313	22-10-46
	└ 47PT313-27PI303	22-10-46
48	48PT313-17PI304	22-10-46
49	49PT313-47PT313	22-10-46
	└ 49PT313-27PI303	22-10-46
67	67PT313-11PI304	22-10-46
68	68PT313-13PI304	22-10-46
69	69PT313-14PI304	22-10-46
70	70PT313-33PI304	22-10-46
71	71PT313-34PI304	22-10-46
72	72PT313-20PI304	22-10-46
73	73PT313-21PI304	22-10-46
74	74PT313-3PI304	22-10-46
75	75PT313-5PI304	22-10-46
77	77PT313-29PI304	22-10-46

REFER TO

JT317	PT317	REFER TO
4	4PT317-27PI531	23-50-24
7	7PT317-26PI531	23-50-24
8	8PT317-10PT317	23-50-24
	└ 8PT317-8PI531	23-50-24
9	9PT317-7PI531	23-50-24
10	10PT317-8PI531	23-50-24
13	13PT317-9PI532	23-50-24
14	14PT317-8PI532	23-50-24

REFER TO

JZ905	PZ905	REFER TO
1SI900-1JZ905	1— 1PZ905-4PC007	25-60-01
5SI900-2JZ905	2— 2PZ905-APT900	25-60-01
2SI900-3JZ905	3— 3PZ905-EPT900	25-60-01
6SI900-4JZ905	4— 4PZ905-BPT900	25-60-01
6JZ905-5JZ905	5— 5PZ905-SHLDPPZ905	25-60-01
L2SI900-5JZ905		
5JZ905-6JZ905	6— 6PZ905-RPF902	25-60-01
L2SI900-6JZ905		

REFER TO

JZ906	PZ906	REFER TO
1SI900-1JZ906	1— 1PZ906-22JC023	25-60-01
5SI900-2JZ906	2— 2PZ906-APT900	25-60-01
2SI900-3JZ906	3— 3PZ906-EPT900	25-60-01
6SI900-4JZ906	4— 4PZ906-BPT900	25-60-01
L2SI900-5JZ906	5— 5PZ906-5BPF902	25-60-01
5JZ906	└ 5PZ906-SHLDPPZ906	25-60-01

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MODEL 172
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GROUND - LOCATION AND WIRING - DESCRIPTION AND OPERATION

1. Ground Locations and Connecting Wiring

GROUND NUMBER: GF011

Wire GF011-1JI032 Refer to GLARESHIELD LIGHTING, 33-10-06.

Wire GF011-BJF005 Refer to FUEL PUMP, 73-10-01.

LOCATION:

ZONE: 120(FS. 9.145, WL. 4.19)

GROUND NUMBER: GI002

Wire GI002- Refer to ELECTRICAL SAFETY PRECAUTIONS, 20-10-00.

LOCATION:

ZONE: 211(FS. 7.75, WL. 4.19)

GROUND NUMBER: GL001

Wire GL001-2FL003 Refer to NAVIGATION LIGHTS, 33-40-01.

Wire GL001-FL005 Refer to STROBE LIGHTS, 33-40-02.

Wire GL001-NEGUL001 Refer to STROBE LIGHTS, 33-40-02.

LOCATION:

ZONE: 520(FS. 44.00, LWS. 208.00)

GROUND NUMBER: GL010

Wire GL010-1JL007 Refer to PITOT HEATER, 30-30-01.

Wire GL010-1PL020 Refer to UNDER WING COURTESY LIGHTS, 33-40-04.

Wire GL010-AL001 Refer to STROBE LIGHTS, 33-40-02.

LOCATION:

ZONE: 210(WL. 30.43, LWS. 12.07)

GROUND NUMBER: GN002

Wire GN002- Refer to ELECTRICAL SAFETY PRECAUTIONS, 20-10-00.

LOCATION:

ZONE: 120(BL. -18.06, WL. 5.00)

GROUND NUMBER: GN004

Wire GN004-SHLDRN001 Refer to MAGNETO SYSTEM, 74-10-01.

LOCATION:

ZONE:

GROUND NUMBER: GN005

Wire GN005-SHLDRN002 Refer to MAGNETO SYSTEM, 74-10-01.

LOCATION:

ZONE:

GROUND NUMBER: GN008

Wire GN008-GMN001 Refer to ALTERNATOR SYSTEM, 24-20-01.

LOCATION:

ZONE: 120(BL. -18.06, WL. 5.00)

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GROUND NUMBER: GR002

Wire GR002-2FR001	Refer to NAVIGATION LIGHTS, 33-40-01.
Wire GR002-BLKUR003	Refer to STROBE LIGHTS, 33-40-02.
Wire GR002-FR003	Refer to STROBE LIGHTS, 33-40-02.
Wire GR002-NEGUR001	Refer to STROBE LIGHTS, 33-40-02.
Wire GR002-UR001	Refer to STROBE LIGHTS, 33-40-02.

LOCATION:

ZONE: 620(FS. 44.00, RWS. 208.00,)

GROUND NUMBER: GR010

Wire GR010-1PR020	Refer to UNDER WING COURTESY LIGHTS, 33-40-04.
Wire GR010-1PR022	Refer to FLAP CONTROL, 27-50-01.
Wire GR010-2PR022	Refer to FLAP CONTROL, 27-50-01.

LOCATION:

ZONE: 210(WL. 30.43, RWS. 12.07)

GROUND NUMBER: GS300

Wire GS300-CPR301	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire GS300-CPR301	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire GS300-CPR301	Refer to ROLL SERVO ACTUATOR, 22-10-01.
Wire GS300-NPR301	Refer to ROLL SERVO ACTUATOR, 22-10-01.
Wire GS300-NPR301	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire GS300-NPR301	Refer to ROLL SERVO ACTUATOR, 22-10-01.
Wire GS300-SHLDPR301	Refer to ROLL SERVO ACTUATOR, 22-10-01.
Wire GS300-SHLDPR301	Refer to ROLL SERVO ACTUATOR, 22-10-01.
Wire GS300-SHLDPR301	Refer to ROLL SERVO ACTUATOR, 22-10-01.

LOCATION:

ZONE: 620(FS. 80.00, RWS. 103.00)

GROUND NUMBER: GS301

Wire GS301-11PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-32.
Wire GS301-15PI303	Refer to WING LEVELER, 22-10-02.
Wire GS301-15PI304	Refer to DUAL AXIS AUTOPILOT, 22-10-42.
Wire GS301-1PI302	Refer to SINGLE AXIS AUTOPILOT, 22-10-30.
Wire GS301-27PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-30.
Wire GS301-2PI305	Refer to DUAL AXIS AUTOPILOT, 22-10-43.
Wire GS301-31PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-33.
Wire GS301-34PI303	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire GS301-35PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-33.
Wire GS301-4PI306	Refer to DUAL AXIS AUTOPILOT, 22-10-41.
Wire GS301-5PI308	Refer to DUAL AXIS AUTOPILOT, 22-10-40.
Wire GS301-SHLDPI302	Refer to SINGLE AXIS AUTOPILOT, 22-10-30.
Wire GS301-SHLDPI303	Refer to DUAL AXIS AUTOPILOT, 22-10-46.

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GROUND NUMBER: GS301

Wire GS301-SHLDPI304 Refer to DUAL AXIS AUTOPILOT, 22-10-46.

Wire GS308-SHLDPT300 Refer to DUAL AXIS AUTOPILOT, 22-10-46.

LOCATION:

ZONE: 225(FS. 16.65, WL. 4.19)

GROUND NUMBER: GS308

Wire GS308-CPT300 Refer to DUAL AXIS AUTOPILOT, 22-10-40.

Wire GS308-CPT301 Refer to DUAL AXIS AUTOPILOT, 22-10-40.

Wire GS308-NPT300 Refer to DUAL AXIS AUTOPILOT, 22-10-40.

Wire GS308-NPT301 Refer to DUAL AXIS AUTOPILOT, 22-10-40.

Wire GS308-SHLDPT301 Refer to DUAL AXIS AUTOPILOT, 22-10-40.

LOCATION:

ZONE: 310(FS. 177.85, WL. 14.00)

GROUND NUMBER: GS901

Wire GS901-BPT302 Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.

Wire GS901-APT303 Refer to KX-155A NAV/COMM #1, 34-50-13.

Wire GS901-DPT900 Refer to EMERGENCY LOCATOR TRANSMITTER, 25-60-01.

Wire GS901-SHLDPT302 Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.

Wire GS901-SHLDPT303 Refer to KX-155A NAV/COMM #1, 34-50-12.

Wire GS901-SHLDPT900 Refer to EMERGENCY LOCATOR TRANSMITTER, 25-60-01.

LOCATION:

ZONE: 310(FS. 108.00, WL. 0.00)

GROUND NUMBER: GS906

Wire GS906-DPT900 Refer to EMERGENCY LOCATOR TRANSMITTER, 25-60-01.

Wire GS906-SHLDPT900 Refer to EMERGENCY LOCATOR TRANSMITTER, 25-60-01.

LOCATION:

ZONE:

GROUND NUMBER: GV001

Wire GV001-2FV001 Refer to NAVIGATION LIGHTS, 33-40-01.

LOCATION:

ZONE: 340(FS. 252.18, WL. 72.00)

GROUND NUMBER: GV004

Wire GV004-2PV004 Refer to FLASHING BEACON, 33-40-03.

LOCATION:

ZONE: 340(FS. 238.25, WL. 72.00)

GROUND CONNECTOR: GI001

Wire AAGI001-20JI006 Refer to ANNUNCIATOR PANEL, 31-50-01.

Wire AGI001-7JC005 Refer to ANNUNCIATOR PANEL, 31-50-01.

Wire BBGI001-3JC014 Refer to ANNUNCIATOR PANEL, 31-50-01.

Wire BBGI001-3JC015 Refer to ANNUNCIATOR PANEL, 31-50-01.

Wire BBGI001-3JC015 Refer to ANNUNCIATOR PANEL, 31-50-01.

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WIRING DIAGRAM MANUAL

GROUND CONNECTOR: GI001

Wire BGI001-3JC005	Refer to INSTRUMENT DIMMING, 33-10-01.
Wire CCGI001-AJN001	Refer to EGT/FUEL FLOW, 77-20-01.
Wire CGI001-4JI012	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire DDGI001-AJN004	Refer to OIL TEMPERATURE/OIL PRESSURE, 79-30-01.
Wire DGI001-2JC004	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire EEGI001-2JC011	Refer to INTERIOR LIGHTING, 33-10-05.
Wire FFGI001-2PT001	Refer to CABIN EQUIPMENT POWER INTERFACE, 24-50-01.
Wire FFGI001-SHLDPC022	Refer to CABIN EQUIPMENT POWER INTERFACE, 24-50-01.
Wire FGI001-7JL002	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire HGI001-2JI001	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire HHGI001-9JI019	Refer to BATTERY SYSTEM, 24-30-01.
Wire JGI001-BJN005	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire JJGI001-2PI027	Refer to GLARESHIELD LIGHTING, 33-10-06.
Wire KGI001-1JI021	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire KGI001-2JI004	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire KGI001-SHLDJI021	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire LGI001-GRDSI002	Refer to MAGNETO SYSTEM, 74-10-01.
Wire LGI001-SHLDRN001	Refer to MAGNETO SYSTEM, 74-10-01.
Wire LGI001-SHLDRN002	Refer to MAGNETO SYSTEM, 74-10-01.
Wire LLGI001-NCSN012	Refer to VACUUM OUT WARNING, 37-20-01.
Wire MGI001-20PC001	Refer to BATTERY SYSTEM, 24-30-01.
Wire MMGI001-NCSN011	Refer to VACUUM OUT WARNING, 37-20-01.
Wire NGI001-2JC003	Refer to INSTRUMENT DIMMING, 33-10-01.
Wire NNGI001-7JI003	Refer to INSTRUMENT DIMMING, 33-10-01.
Wire PGI001-9JI015	Refer to OIL TEMPERATURE/OIL PRESSURE, 79-30-01.
Wire RGI001-9JI013	Refer to FUEL QUANTITY, 28-40-01.
Wire WGI001-9JI017	Refer to EGT/FUEL FLOW, 77-20-01.
Wire WGI001-SHLDJI017	Refer to EGT/FUEL FLOW, 77-20-01.
Wire YGI001-9JL002	Refer to FUEL QUANTITY, 28-40-01.
Wire ZGI001-7JR001	Refer to FUEL QUANTITY, 28-40-01.

LOCATION:

ZONE: 221(FS. 7.745, WL. 4.19)

GROUND CONNECTOR: GS309

Wire GS309-1PI516	Refer to AUDIO SYSTEM, 23-50-21.
Wire GS309-HP1602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire GS309-KPI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire GS309-LPI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire GS309-SHLDPI516	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire GS309-SHLDPI516	Refer to KX-155A NAV/COMM #1, 34-50-11.

LOCATION:

ZONE:

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GROUND CONNECTOR: PF902

Wire APF902-1PI601	Refer to KX-155A NAV/COMM #1, 34-50-10.
Wire APF902-34PI604	Refer to KX-155A NAV/COMM #1, 34-50-11.
Wire APF902-49PI604	Refer to KX-155A NAV/COMM #1, 34-50-11.
Wire APF902-SHLDPI510	Refer to KX-155A NAV/COMM #1, 34-50-11.
Wire BPF902-15PI511	Refer to KX-155A NAV/COMM #1, 34-50-10.
Wire BPF902-1PI601	Refer to KX-155A NAV/COMM #1, 34-50-10.
Wire BPF902-1PI605	Refer to KX-155A NAV/COMM #1, 34-50-11.
Wire BPF902-34PI604	Refer to KX-155A NAV/COMM #1, 34-50-12.
Wire BPF902-49PI604	Refer to KX-155A NAV/COMM #1, 34-50-12.
Wire BPF902-5PZ906	Refer to EMERGENCY LOCATOR TRANSMITTER, 25-60-01.
Wire BPF902-SHLDPI510	Refer to EMERGENCY LOCATOR TRANSMITTER, 25-60-01.
Wire BPF902-SPI511	Refer to KX-155A NAV/COMM #1, 34-50-10.
Wire CPF902-1PI601	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire CPF902-35PI303	Refer to DUAL AXIS AUTOPILOT, 22-10-46.
Wire CPF902-35PI511	Refer to DUAL AXIS AUTOPILOT, 22-10-46.
Wire CPF902-SHLDPI511	Refer to KX-155A NAV/COMM #1, 34-50-13.
Wire CPF902-SPI511	Refer to KX-155A NAV/COMM #1, 34-50-13.
Wire DPF902-15PI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire DPF902-SHLDPI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire DPF902-SPI511	Refer to KX-155A NAV/COMM #1, 34-50-10.
Wire EPF902-1PI601	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire EPF902-SHLDPI510	Refer to KX-155A NAV/COMM #1, 34-50-11.
Wire FPF902-15PI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire FPF902-EPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire FPF902-MPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire FPF902-PPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire FPF902-RPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire FPF902-SHLDPI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire FPF902-SHLDPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire FPF902-SPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire HPF902-HPI603	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire HPF902-SHLDPI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire HPF902-SPI512	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire JPF902-34PI507	Refer to AUDIO SYSTEM, 23-50-10.
Wire KPF902-2PI507	Refer to AUDIO SYSTEM, 23-50-10.
Wire KPF902-SHLDPI532	Refer to AUDIO SYSTEM, 23-50-24.
Wire LPF902-1JI506	Refer to AUDIO SYSTEM, 23-50-10.
Wire LPF902-HPI310	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.
Wire MPF902-EPI516	Refer to AUDIO SYSTEM, 23-50-21.
Wire MPF902-EPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire MPF902-MPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.

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GROUND CONNECTOR: PF903

Wire JPF903-SHLDP1700	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-21.
Wire KPF903-TPI309	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.
Wire KPF903-2JI513	Refer to AUDIO SYSTEM, 23-50-10.
Wire KPF903-SHLDP1531	Refer to AUDIO SYSTEM, 23-50-24.
Wire LPF903-24PI406	Refer to KMD-540 MULTIFUNCTION DISPLAY, 34-20-01.
Wire LPF903-2PC901	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire MPF903-ZPI516	Refer to AUDIO SYSTEM, 23-50-21.
Wire PF902-	Refer to AUDIO SYSTEM, 23-50-24.
Wire RPF903-15PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-31.
Wire RPF903-15PI303	Refer to DUAL AXIS AUTOPILOT, 22-10-40.
Wire RPF903-35PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-31.

LOCATION: AVIONICS
ZONE:

GROUND CONNECTOR: PI509

Wire 10PI509-SHLDP1507	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire 11PI509-SHLDP1507	Refer to KX-155A NAV/COMM #1, 34-50-13.
Wire 12PI509-SHLDP1507	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire 14PI509-SHLDP1507	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-21.
Wire 1PI509-AF300	Refer to AUDIO SYSTEM, 23-50-10.
Wire 2PI509-AF301	Refer to AUDIO SYSTEM, 23-50-10.
Wire 3PI509-SHLDP1508	Refer to AUDIO SYSTEM, 23-50-10.
Wire 4PI509-AF302	Refer to AUDIO SYSTEM, 23-50-10.
Wire 5PI509-AF303	Refer to AUDIO SYSTEM, 23-50-10.
Wire 6PI509-AF304	Refer to AUDIO SYSTEM, 23-50-10.
Wire 7PI509-AF305	Refer to AUDIO SYSTEM, 23-50-10.
Wire 8PI509-AF306	Refer to AUDIO SYSTEM, 23-50-10.
Wire 9PI509-SHLDP1508	Refer to AUDIO SYSTEM, 23-50-10.

LOCATION: AVIONICS
ZONE:

GROUND CONNECTOR: PT903

Wire SHLDPT317	CPT903-	Refer to AUDIO SYSTEM, 23-50-24.
Wire SHLDPT305	DPT903-	Refer to AUDIO SYSTEM, 23-50-24.
Wire SHLDPT306	DPT903-	Refer to AUDIO SYSTEM, 23-50-24.
Wire SHLDPT312	PPT903-	Refer to DUAL AXIS AUTOPILOT, 22-10-46.
Wire SHLDPT313	RPT903-	Refer to DUAL AXIS AUTOPILOT, 22-10-46.

LOCATION: AVIONICS
ZONE:

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GROUND CONNECTOR: PF902

Wire MPF902-PPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire MPF902-RPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire MPF902-SHLDPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire MPF902-SPI602	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire NPF902-BPI307	Refer to WING LEVELER, 22-10-02.
Wire NPF902-BPI307	Refer to SINGLE AXIS AUTOPILOT, 22-10-33.
Wire NPF902-BPI307	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire PPF902-HPI603	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire RPF902-6PZ905	Refer to EMERGENCY LOCATOR TRANSMITTER, 25-60-01.

LOCATION:

ZONE:

GROUND CONNECTOR: PF903

Wire APF903-1JI514	Refer to AUDIO SYSTEM, 23-50-24.
Wire APF903-1PI800	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire APF903-API800	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire BPF903-15PC800	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire BPF903-6PC800	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire CPF903-15PC800	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire CPF903-15PI303	Refer to DUAL AXIS AUTOPILOT, 22-10-42.
Wire CPF903-1PC800	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire CPF903-35PI303	Refer to DUAL AXIS AUTOPILOT, 22-10-42.
Wire CPF903-6PC800	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire DPF903-17PI705	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-22.
Wire DPF903-20PI705	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-22.
Wire DPF903-25PI702	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-21.
Wire DPF903-29PI705	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-22.
Wire DPF903-BPI307	Refer to DUAL AXIS AUTOPILOT, 22-10-42.
Wire DPF903-SHLDPI307	Refer to DUAL AXIS AUTOPILOT, 22-10-42.
Wire EPF903-14PI701	Refer to KLN-89 GLOBAL POSITIONING SYSTEM, 34-52-20.
Wire EPF903-20PI700	Refer to KLN-89 GLOBAL POSITIONING SYSTEM, 34-52-20.
Wire EPF903-31PI700	Refer to KLN-89 GLOBAL POSITIONING SYSTEM, 34-52-20.
Wire EPF903-9JI514	Refer to DUAL AXIS AUTOPILOT, 22-10-42.
Wire EPF903-SHLDPI700	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-22.
Wire FPF903-*CPI308	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.
Wire FPF903-*TPI308	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.
Wire FPF903-SHLDPI308	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.
Wire FPF903-SHLDPI700	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-21.
Wire HPF903-2PC901	Refer to KT-76C TRANSPONDER, 34-53-01.
Wire HPF903-50PI508	Refer to AUDIO SYSTEM, 23-50-10.
Wire JPF903-HPI310	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.
Wire JPF903-SHLDPI311	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.

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GROUND CONNECTOR: PF903

Wire JPF903-SHLDPI700	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-21.
Wire KPF903-TPI309	Refer to KCS-55A HORIZONTAL SITUATION INDICATOR, 34-20-02.
Wire KPF903-2JI513	Refer to AUDIO SYSTEM, 23-50-10.
Wire KPF903-SHLDPI531	Refer to AUDIO SYSTEM, 23-50-24.
Wire LPF903-24PI406	Refer to KMD-540 MULTIFUNCTION DISPLAY, 34-20-01.
Wire LPF903-2PC901	Refer to CLOCK, OAT AND HOURMETER, 31-20-01.
Wire MPF903-ZPI516	Refer to AUDIO SYSTEM, 23-50-21.
Wire PF902-	Refer to AUDIO SYSTEM, 23-50-24.
Wire RPF903-15PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-31.
Wire RPF903-15PI303	Refer to DUAL AXIS AUTOPILOT, 22-10-40.
Wire RPF903-35PI303	Refer to SINGLE AXIS AUTOPILOT, 22-10-31.

LOCATION: AVIONICS
ZONE:

GROUND CONNECTOR: PI509

Wire 10PI509-SHLDPI507	Refer to KX-155A NAV/COMM #2, 34-50-20.
Wire 11PI509-SHLDPI507	Refer to KX-155A NAV/COMM #1, 34-50-13.
Wire 12PI509-SHLDPI507	Refer to KR-87 AUTOMATIC DIRECTION FINDER, 34-51-01.
Wire 14PI509-SHLDPI507	Refer to KLN-89B GLOBAL POSITIONING SYSTEM, 34-52-21.
Wire 1PI509-AF300	Refer to AUDIO SYSTEM, 23-50-10.
Wire 2PI509-AF301	Refer to AUDIO SYSTEM, 23-50-10.
Wire 3PI509-SHLDPI508	Refer to AUDIO SYSTEM, 23-50-10.
Wire 4PI509-AF302	Refer to AUDIO SYSTEM, 23-50-10.
Wire 5PI509-AF303	Refer to AUDIO SYSTEM, 23-50-10.
Wire 6PI509-AF304	Refer to AUDIO SYSTEM, 23-50-10.
Wire 7PI509-AF305	Refer to AUDIO SYSTEM, 23-50-10.
Wire 8PI509-AF306	Refer to AUDIO SYSTEM, 23-50-10.
Wire 9PI509-SHLDPI508	Refer to AUDIO SYSTEM, 23-50-10.

LOCATION: AVIONICS
ZONE:

GROUND CONNECTOR: PT903

Wire SHLDPT317	CPT903- Refer to AUDIO SYSTEM, 23-50-24.
Wire SHLDPT305	DPT903- Refer to AUDIO SYSTEM, 23-50-24.
Wire SHLDPT306	DPT903- Refer to AUDIO SYSTEM, 23-50-24.
Wire SHLDPT312	PPT903- Refer to DUAL AXIS AUTOPILOT, 22-10-46.
Wire SHLDPT313	RPT903- Refer to DUAL AXIS AUTOPILOT, 22-10-46.

LOCATION: AVIONICS
ZONE: