

PS-28 CRUISER PS-28N CRUISER SPORTCRUISER PIPERSPORT

ILLUSTRATED PARTS CATALOG



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PS-28 CRUISER PS-28N CRUISER SPORTCRUISER PIPERSPORT ILLUSTRATED PARTS CATALOG



Aircrafts are designed and manufactured by

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CHAPTER - 0
RECORD OF REVISION

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

REV	REVISION NAME	CHANGED PAGES	ISSUE DATE	DATE AND SIGNATURE
1	Reissue	All	2012-06-12	12. 06. 2012 Konečný
2	Supplementation of Elevator Assy, Dwg. No. ST0430N	i to iv 0-1, 0-4, 0-10 55-20-01 to 55-20-20	2013-03-29	29. 03. 2013 Konečný
3	The original NVF4-2C-Z40A Relay type replaced by the FRC2C-DC12 type P/N of Starting Relay replaced from original P/N 992819 to new P/N 992818 chap. 21-40: Heating: added chap. 24-50: Lighter socket installation: added chap. 25-60: ELT Kannad installation: added chap. 31-40: SkyView System installation: added chap. 33-10: Cabin Light installation: added chap. 34-40: Independent position: added chap. 34-50: VOR ANTENNA CI-157P: added chap. 39-10: Instrument Panel X Assy: added chap. 39-40: Electronic Parts on the Firewall: added chap. 53-10: Cover Installation and USB Panel Installation: added chap. 61-10: Sensenich 3 Blade Propeller Installation with Weight: added	i to iv 0-1, 0-4 to 0-10, 0-12 21-40 24-50 25-60 31-40 33-10 34-40 34-50 39-10 39-40 53-10 61-10	2016-05-10	10. 05. 2016 Koukal
4	Modifications related the S-Z-0037 Replacement of bended longeron under cabin frame by extruded longeron	i to iv, 0-1, 0-4, 0-9 53-10-1, 53-10-6, 53-10-7	2016-07-20	20. 07. 2016 Koukal
5	Landing Light Replacement: added -type TrailTech 4213-SX replaced by type Kuntzleman 11-06854 -valid from S/N 0571	i to iv, 0-1, 0-4, 0-7, 33-40-2, 71-10-9	2016-08-30	30. 08. 2016 Koukal
6	Dual Circuit Thermostat Hektik F1107 in PS-28 Engine Liquid Cooling System (modifications related to S-Z-0039)	i to iv 0-1, 0-13 75-20-6, 75-20-7	2016-11-04	04. 11. 2016 Koukal
7	Replacement of the ELT AK-450/451 by the ELT Kannad 406 AF	i to iv 0-1, 0-4, 0-5 25-60-7	2017-04-12	12. 04. 2017 Koukal



CHAPTER - 0
RECORD OF REVISION

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

REV	REVISION NAME	CHANGED PAGES	ISSUE DATE	DATE AND SIGNATURE
8	chap. 32-10: Minor changes on main gear installation items chap. 32-20: Minor changes on nose gear installation items, SG0300N nose leg added chap. 32-40: Change of compensation tank connection P/N chap. 33-40: 6902ST10, 6902ST11 position / strobe lights cancelled, Trailtech D112-SX landing light added chap. 39-40: Change of rectifier regulator P/N chap. 53-10: Change of front longeron 3 item, sidewall P/N added, USB panel added chap. 71-10: SE0480N engine cowlings added, old cowlings deleted chap. 78-10: Change of springs P/N	i to iv 0-2, 0-4, 0-7, 0-9, 0-10, 0-12, 0-13 32-10-6, 32-10-7 32-20-1, 32-20-6, 32-20-7, 32-20-8, 32-20-9, 32-20-10, 32-20-11, 32-20-10 32-40-3, 33-40-1, 33-40-9, 33-40-6, 33-40-7, 33-40-8, 33-40-9 39-40-3, 39-40-5, 39-40-7, 39-40-9, 39-40-11 53-10-01, 53-10-6, 53-10-7, 53-10-9, 53-10-14, 53-10-15, 53-10-24, 53-10-25 71-10-1, 71-10-2, 71-10-3, 71-104, 71-10-5, 71-10-6, 71-10-7, 71-10-8 78-10-3	2018-01-18	18. 01. 2018 Koukal
9	chap. 21-50: minor changes, added new pages chap. 22-10: change in bill of material chap. 25-10: change in bill of material chap. 25-60: change in bill of material chap. 27-10: change in bill of material chap. 27-20: change in bill of material chap. 27-50: change in bill of material chap. 28-20: change in bill of material, new pages, change in figure chap. 31-40: change in bill of material chap. 32-10: change in bill of material, new pages chap. 32-20: change in bill of material, change in figure	i to iv 0-2 to 0-13 21-50-1, 21-50-5, 21-50-6 22-10-3 25-10-3, 25-10-5, 25-10-7 25-60-7, 25-60-9, 25-60-11 27-10-5 27-20-5 27-50-3 28-20-1, 28-20-5, 28-20-8, 28-20-13, 28-20-20, 28-20-27 to 28-20-29 31-40-9 32-10-1, 32-10-3, 32-10-5, 32-10-7, 32-10-9 to 32-10-14 32-20-3, 32-20-5 to 32-20-11	2020-11-13	13. 11. 2020 Sklenář



CHAPTER - 0
RECORD OF REVISION

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

REV	REVISION NAME	CHANGED PAGES	ISSUE DATE	DATE AND SIGNATURE
9	chap. 32-40: change in bill of material chap. 33-40: change in bill of material, new pages, change in figure chap. 34-60: new chapter chap. 52-10: change in bill of material, change in figure chap. 53-10: change in bill of material chap. 55-10: change in bill of material chap. 55-20: change in bill of material chap. 55-30: change in bill of material chap. 57-20: change in bill of material chap. 57-50: change in bill of material chap. 57-60: change in bill of material chap. 61-10: change in bill of material chap. 71-00: change in bill of material chap. 71-10: change in bill of material chap. 71-60: change in bill of material chap. 78-10: change in bill of material chap. 79-20: change in bill of material	32-40-3 33-40-1, 33-40-11 to 33-40-14 34-60-1 to 34-60-4 52-10-3 to 52-10-5 53-10-3, 53-10-7, 53-10-9, 53-10-15, 53-10-17, 53-10-19 55-10-5 55-20-7 55-30-3, 55-30-5 57-20-2, 57-20-3, 57-20-7, 57-20-15 57-50-3 57-60-3, 57-60-5, 57-60-7, 57-60-9 61-10-5 71-00-3 71-10-1 to 71-10-3, 71-10-5 to 71-10-7 71-60-3 78-10-2, 78-10-3 79-20-3, 79-20-5, 79-20-7, 79-20-9	2020-11-13	13. 11. 2020 Sklenář
10	Administrative corrections, minor changes PS-28N Cruiser added	All	2021-06-25	25. 06. 2021 Sklenář
11	Administrative corrections, minor changes Ballast weight added Note to SG0040N	i to iv 0-3, 0-5, 0-8, 0-9, 0-15 32-4, 32-10, 32-20, 32-25, 32-26 71-19, 71-20	2021-09-30	30. 09. 2021 Sklenář
12	Administrative corrections, minor changes Performance seats added New shock absorber added	i to iv 0-3 to 0-6, 0-9, 0-11, 0-15 25-9, 25-10 32-27, 32-28	2022-01-11	11. 01. 2022 Bílík



CHAPTER - 0
RECORD OF REVISION

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

REV	REVISION NAME	CHANGED PAGES	ISSUE DATE	DATE AND SIGNATURE
12	New instrument panel added New cowling added	39-59 to 39-62 71-13, 71-14	2022-01-11	11. 01. 2022 Bilik



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
Title Page	i	2022-01-11
	ii	2022-01-11
	iii	2022-01-11
	iv	2022-01-11
RoR	0-1	2021-06-25
	0-2	2021-06-25
	0-3	2022-01-11
	0-4	2022-01-11
LoEP	0-5	2022-01-11
	0-6	2022-01-11
	0-7	2021-06-25
	0-8	2021-09-30
	0-9	2022-01-11
	0-10	2021-06-25
	0-11	2022-01-11
	0-12	2021-06-25
	0-13	2021-06-25
	0-14	2021-06-25
	0-15	2022-01-11
	0-16	2021-06-25
Table of Contents	0-17	2021-06-25
	0-18	2021-06-25

CHAPTER	PAGE	DATE
21-40	21-1	2021-06-25
	21-2	2021-06-25
	21-3	2021-06-25
	21-4	2021-06-25
21-50	21-5	2021-06-25
	21-6	2021-06-25
	21-7	2021-06-25
	21-8	2021-06-25
	21-9	2021-06-25
	21-10	2021-06-25
22-10	22-1	2021-06-25
	22-2	2021-06-25
	22-3	2021-06-25
	22-4	2021-06-25
	22-5	2021-06-25
	22-6	2021-06-25
24-30	24-1	2021-06-25
	24-2	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
24-30	24-3	2021-06-25
	24-4	2021-06-25
24-50	24-5	2021-06-25
	24-6	2021-06-25
	24-7	2021-06-25
	24-8	2021-06-25
25-10	25-1	2021-06-25
	25-2	2021-06-25
	25-3	2021-06-25
	25-4	2021-06-25
	25-5	2021-06-25
	25-6	2021-06-25
	25-7	2021-06-25
	25-8	2021-06-25
	25-9	2022-01-11
	25-10	2022-01-11
	25-11	2021-06-25
	25-12	2021-06-25
25-50	25-13	2021-06-25
	25-14	2021-06-25
	25-15	2021-06-25
	25-16	2021-06-25

CHAPTER	PAGE	DATE
25-50	25-17	2021-06-25
	25-18	2021-06-25
25-60	25-19	2021-06-25
	25-20	2021-06-25
	25-21	2021-06-25
	25-22	2021-06-25
	25-23	2021-06-25
	25-24	2021-06-25
	25-25	2021-06-25
	25-26	2021-06-25
	25-27	2021-06-25
	25-28	2021-06-25
	25-29	2021-06-25
	25-30	2021-06-25
27-10	27-1	2021-06-25
	27-2	2021-06-25
	27-3	2021-06-25
	27-4	2021-06-25
	27-5	2021-06-25
	27-6	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
27-10	27-7	2021-06-25
	27-8	2021-06-25
	27-9	2021-06-25
	27-10	2021-06-25
	27-11	2021-06-25
	27-12	2021-06-25
27-20	27-13	2021-06-25
	27-14	2021-06-25
	27-15	2021-06-25
	27-16	2021-06-25
	27-17	2021-06-25
	27-18	2021-06-25
27-30	27-19	2021-06-25
	27-20	2021-06-25
	27-21	2021-06-25
	27-22	2021-06-25
	27-23	2021-06-25
	27-24	2021-06-25
27-50	27-25	2021-06-25
	27-26	2021-06-25
	27-27	2021-06-25
	27-28	2021-06-25

CHAPTER	PAGE	DATE
28-10	28-1	2021-06-25
	28-2	2021-06-25
	28-3	2021-06-25
	28-4	2021-06-25
	28-5	2021-06-25
	28-6	2021-06-25
	28-7	2021-06-25
	28-8	2021-06-25
	28-9	2021-06-25
	28-10	2021-06-25
28-20	28-11	2021-06-25
	28-12	2021-06-25
	28-13	2021-06-25
	28-14	2021-06-25
	28-15	2021-06-25
	28-16	2021-06-25
	28-17	2021-06-25
	28-18	2021-06-25
	28-19	2021-06-25
	28-20	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
28-20	28-21	2021-06-25
	28-22	2021-06-25
	28-23	2021-06-25
	28-24	2021-06-25
	28-25	2021-06-25
	28-26	2021-06-25
	28-27	2021-06-25
	28-28	2021-06-25
	28-29	2021-06-25
	28-30	2021-06-25
	28-31	2021-06-25
	28-32	2021-06-25
31-40	31-1	2021-06-25
	31-2	2021-06-25
	31-3	2021-06-25
	31-4	2021-06-25
	31-5	2021-06-25
	31-6	2021-06-25
	31-7	2021-06-25
	31-8	2021-06-25
	31-9	2021-06-25
	31-10	2021-06-25
	31-11	2021-06-25
	31-12	2021-06-25
	31-13	2021-06-25
	31-14	2021-06-25

CHAPTER	PAGE	DATE
32-10	32-1	2021-06-25
	32-2	2021-06-25
	32-3	2021-06-25
	32-4	2021-09-30
	32-5	2021-06-25
	32-6	2021-06-25
	32-7	2021-06-25
	32-8	2021-06-25
	32-9	2021-06-25
	32-10	2021-09-30
	32-11	2021-06-25
	32-12	2021-06-25
	32-13	2021-06-25
	32-14	2021-06-25
32-20	32-15	2021-06-25
	32-16	2021-06-25
	32-17	2021-06-25
	32-18	2021-06-25
	32-19	2021-06-25
	32-20	2021-09-30
	32-21	2021-06-25
	32-22	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
32-20	32-23	2021-06-25
	32-24	2021-06-25
	32-25	2021-09-30
	32-26	2021-09-30
	32-27	2022-01-11
	32-28	2022-01-11
32-40	32-29	2021-06-25
	32-30	2021-06-25
	32-31	2021-06-25
	32-32	2021-06-25
	32-33	2021-06-25
	32-34	2021-06-25
	32-35	2021-06-25
	32-36	2021-06-25
	32-37	2021-06-25
	32-38	2021-06-25
33-10	33-1	2021-06-25
	33-2	2021-06-25
	33-3	2021-06-25
	33-4	2021-06-25

CHAPTER	PAGE	DATE
33-40	33-5	2021-06-25
	33-6	2021-06-25
	33-7	2021-06-25
	33-8	2021-06-25
	33-9	2021-06-25
	33-10	2021-06-25
	33-11	2021-06-25
	33-12	2021-06-25
	33-13	2021-06-25
	33-14	2021-06-25
	33-15	2021-06-25
	33-16	2021-06-25
34-10	33-17	2021-06-25
	33-18	2021-06-25
	33-19	2021-06-25
	33-20	2021-06-25
	33-21	2021-06-25
	33-22	2021-06-25
34-10	34-1	2021-06-25
	34-2	2021-06-25
	34-3	2021-06-25
	34-4	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
34-20	34-5	2021-06-25
	34-6	2021-06-25
	34-7	2021-06-25
	34-8	2021-06-25
34-40	34-9	2021-06-25
	34-10	2021-06-25
	34-11	2021-06-25
	34-12	2021-06-25
	34-13	2021-06-25
	34-14	2021-06-25
	34-15	2021-06-25
	34-16	2021-06-25
34-50	34-17	2021-06-25
	34-18	2021-06-25
	34-19	2021-06-25
	34-20	2021-06-25
	34-21	2021-06-25
	34-22	2021-06-25
34-60	34-23	2021-06-25
	34-24	2021-06-25
	34-25	2021-06-25
	34-26	2021-06-25

CHAPTER	PAGE	DATE
39-10	39-1	2021-06-25
	39-2	2021-06-25
	39-3	2021-06-25
	39-4	2021-06-25
	39-5	2021-06-25
	39-6	2021-06-25
	39-7	2021-06-25
	39-8	2021-06-25
	39-9	2021-06-25
	39-10	2021-06-25
	39-11	2021-06-25
	39-12	2021-06-25
	39-13	2021-06-25
	39-14	2021-06-25
	39-15	2021-06-25
	39-16	2021-06-25
	39-17	2021-06-25
	39-18	2021-06-25
	39-19	2021-06-25
	39-20	2021-06-25
	39-21	2021-06-25
	39-22	2021-06-25
	39-23	2021-06-25
	39-24	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
39-10	39-25	2021-06-25
	39-26	2021-06-25
	39-27	2021-06-25
	39-28	2021-06-25
	39-29	2021-06-25
	39-30	2021-06-25
	39-31	2021-06-25
	39-32	2021-06-25
	39-33	2021-06-25
	39-34	2021-06-25
	39-35	2021-06-25
	39-36	2021-06-25
	39-37	2021-06-25
	39-38	2021-06-25
	39-39	2021-06-25
	39-40	2021-06-25
	39-41	2021-06-25
	39-42	2021-06-25
	39-43	2021-06-25
	39-44	2021-06-25
	39-45	2021-06-25
	39-46	2021-06-25
	39-47	2021-06-25
	39-48	2021-06-25
	39-49	2021-06-25
	39-50	2021-06-25
	39-51	2021-06-25
	39-52	2021-06-25

CHAPTER	PAGE	DATE
39-10	39-53	2021-06-25
	39-54	2021-06-25
	39-55	2021-06-25
	39-56	2021-06-25
	39-57	2021-06-25
	39-58	2021-06-25
	39-59	2022-01-11
	39-60	2022-01-11
	39-61	2022-01-11
	39-62	2022-01-11
39-40	39-63	2021-06-25
	39-64	2021-06-25
	39-65	2021-06-25
	39-66	2021-06-25
	39-67	2021-06-25
	39-68	2021-06-25
	39-69	2021-06-25
	39-70	2021-06-25
	39-71	2021-06-25
	39-72	2021-06-25
	39-73	2021-06-25
	39-74	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
39-40	39-75	2021-06-25
	39-76	2021-06-25
	39-77	2021-06-25
	39-78	2021-06-25
	39-79	2021-06-25
	39-80	2021-06-25
	39-81	2021-06-25
	39-82	2021-06-25
	39-83	2021-06-25
	39-84	2021-06-25
52-10	52-1	2021-06-25
	52-2	2021-06-25
	52-3	2021-06-25
	52-4	2021-06-25
	52-5	2021-06-25
	52-6	2021-06-25
	52-7	2021-06-25
	52-8	2021-06-25
52-70	52-9	2021-06-25
	52-10	2021-06-25
	52-11	2021-06-25
	52-12	2021-06-25
	52-13	2021-06-25
	52-14	2021-06-25

CHAPTER	PAGE	DATE
53-10	53-1	2021-06-25
	53-2	2021-06-25
	53-3	2021-06-25
	53-4	2021-06-25
	53-5	2021-06-25
	53-6	2021-06-25
	53-7	2021-06-25
	53-8	2021-06-25
	53-9	2021-06-25
	53-10	2021-06-25
	53-11	2021-06-25
	53-12	2021-06-25
	53-13	2021-06-25
	53-14	2021-06-25
	53-15	2021-06-25
	53-16	2021-06-25
	53-17	2021-06-25
	53-18	2021-06-25
	53-19	2021-06-25
	53-20	2021-06-25
	53-21	2021-06-25
	53-22	2021-06-25
	53-23	2021-06-25
	53-24	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
53-10	53-25	2021-06-25
	53-26	2021-06-25
	53-27	2021-06-25
	53-28	2021-06-25
	53-29	2021-06-25
	53-30	2021-06-25
	53-31	2021-06-25
	53-32	2021-06-25
53-50	53-33	2021-06-25
	53-34	2021-06-25
	53-35	2021-06-25
	53-36	2021-06-25
55-10	55-1	2021-06-25
	55-2	2021-06-25
	55-3	2021-06-25
	55-4	2021-06-25
	55-5	2021-06-25
	55-6	2021-06-25
55-20	55-7	2021-06-25
	55-8	2021-06-25
	55-9	2021-06-25
	55-10	2021-06-25

CHAPTER	PAGE	DATE
55-20	55-11	2021-06-25
	55-12	2021-06-25
	55-13	2021-06-25
	55-14	2021-06-25
	55-15	2021-06-25
	55-16	2021-06-25
	55-17	2021-06-25
	55-18	2021-06-25
	55-19	2021-06-25
	55-20	2021-06-25
	55-21	2021-06-25
	55-22	2021-06-25
	55-23	2021-06-25
	55-24	2021-06-25
	55-25	2021-06-25
	55-26	2021-06-25
55-30	55-27	2021-06-25
	55-28	2021-06-25
	55-29	2021-06-25
	55-30	2021-06-25
	55-31	2021-06-25
	55-32	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
55-40	55-33	2021-06-25
	55-34	2021-06-25
	55-35	2021-06-25
	55-36	2021-06-25
	55-37	2021-06-25
	55-38	2021-06-25
	55-39	2021-06-25
	55-40	2021-06-25
	55-41	2021-06-25
	55-42	2021-06-25
57-10	57-1	2021-06-25
	57-2	2021-06-25
	57-3	2021-06-25
	57-4	2021-06-25
57-20		
	57-5	2021-06-25
	57-6	2021-06-25
	57-7	2021-06-25
	57-8	2021-06-25
	57-9	2021-06-25
	57-10	2021-06-25
	57-11	2021-06-25
	57-12	2021-06-25
	57-13	2021-06-25
	57-14	2021-06-25

CHAPTER	PAGE	DATE
57-20	57-15	2021-06-25
	57-16	2021-06-25
	57-17	2021-06-25
	57-18	2021-06-25
	57-19	2021-06-25
	57-20	2021-06-25
	57-21	2021-06-25
	57-22	2021-06-25
57-50	57-23	2021-06-25
	57-24	2021-06-25
	57-25	2021-06-25
	57-26	2021-06-25
	57-27	2021-06-25
	57-28	2021-06-25
57-60		
	57-29	2021-06-25
	57-30	2021-06-25
	57-31	2021-06-25
	57-32	2021-06-25
	57-33	2021-06-25
	57-34	2021-06-25



CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
57-60	57-35	2021-06-25
	57-36	2021-06-25
	57-37	2021-06-25
	57-38	2021-06-25
	57-39	2021-06-25
	57-40	2021-06-25
61-10	61-1	2021-06-25
	61-2	2021-06-25
	61-3	2021-06-25
	61-4	2021-06-25
	61-5	2021-06-25
	61-6	2021-06-25
	61-7	2021-06-25
	61-8	2021-06-25
	61-9	2021-06-25
	61-10	2021-06-25
	61-11	2021-06-25
	61-12	2021-06-25
71-0	71-1	2021-06-25
	71-2	2021-06-25
	71-3	2021-06-25
	71-4	2021-06-25

CHAPTER	PAGE	DATE
71-10	71-5	2021-06-25
	71-6	2021-06-25
	71-7	2021-06-25
	71-8	2021-06-25
	71-9	2021-06-25
	71-10	2021-06-25
	71-11	2021-06-25
	71-12	2021-06-25
	71-13	2022-01-11
	71-14	2022-01-11
71-20	71-15	2021-06-25
	71-16	2021-06-25
	71-17	2021-06-25
	71-18	2021-06-25
	71-19	2021-06-25
	71-20	2021-06-25
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	71-22	2021-09-30
71-60	71-23	2021-06-25
	71-24	2021-06-25



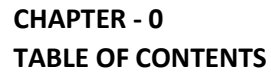
CHAPTER - 0
LIST OF EFFECTIVE PAGES

CR-IPC-1-0-00

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

CHAPTER	PAGE	DATE
71-60	71-25	2021-06-25
	71-26	2021-06-25
	71-27	2021-06-25
	71-28	2021-06-25
71-70	71-29	2021-06-25
	71-30	2021-06-25
	71-31	2021-06-25
	71-32	2021-06-25
75-20	75-1	2021-06-25
	75-2	2021-06-25
	75-3	2021-06-25
	75-4	2021-06-25
	75-5	2021-06-25
	75-6	2021-06-25
	75-7	2021-06-25
	75-8	2021-06-25
76-10	76-1	2021-06-25
	76-2	2021-06-25
	76-3	2021-06-25
	76-4	2021-06-25
	76-5	2021-06-25
	76-6	2021-06-25

CHAPTER	PAGE	DATE
78-10	78-1	2021-06-25
	78-2	2021-06-25
	78-3	2021-06-25
	78-4	2021-06-25
79-20	79-1	2021-06-25
	79-2	2021-06-25
	79-3	2021-06-25
	79-4	2021-06-25
	79-5	2021-06-25
	79-6	2021-06-25
	79-7	2021-06-25
	79-8	2021-06-25
	79-9	2021-06-25
	79-10	2021-06-25

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21 ENVIRONMENTAL SYSTEMS

21.40 HEATING

21.40 Heating	21-1
21.40.1 Efficient Heating / Defogging System Installation.....	21-3



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21.40.1 Efficient Heating / Defogging System Installation

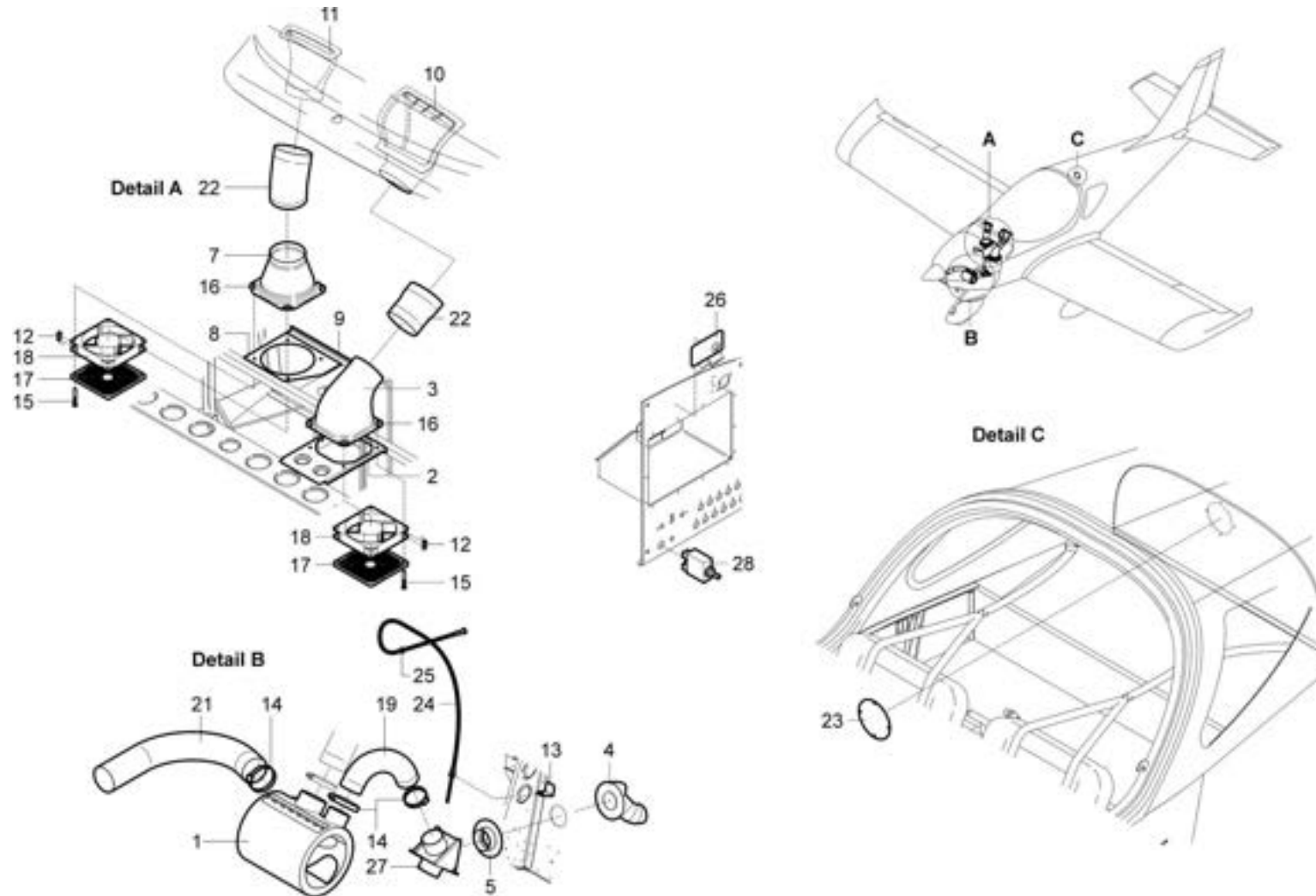


Fig. 21.40-1: Efficient heating / defogging system installation

[illegible]



21 ENVIRONMENTAL SYSTEMS

21.50 COOLING

21.50	Cooling.....	21-5
21.50.1	Cooling.....	21-7
21.50.2	NACA Duct	21-9



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21.50.1 Cooling

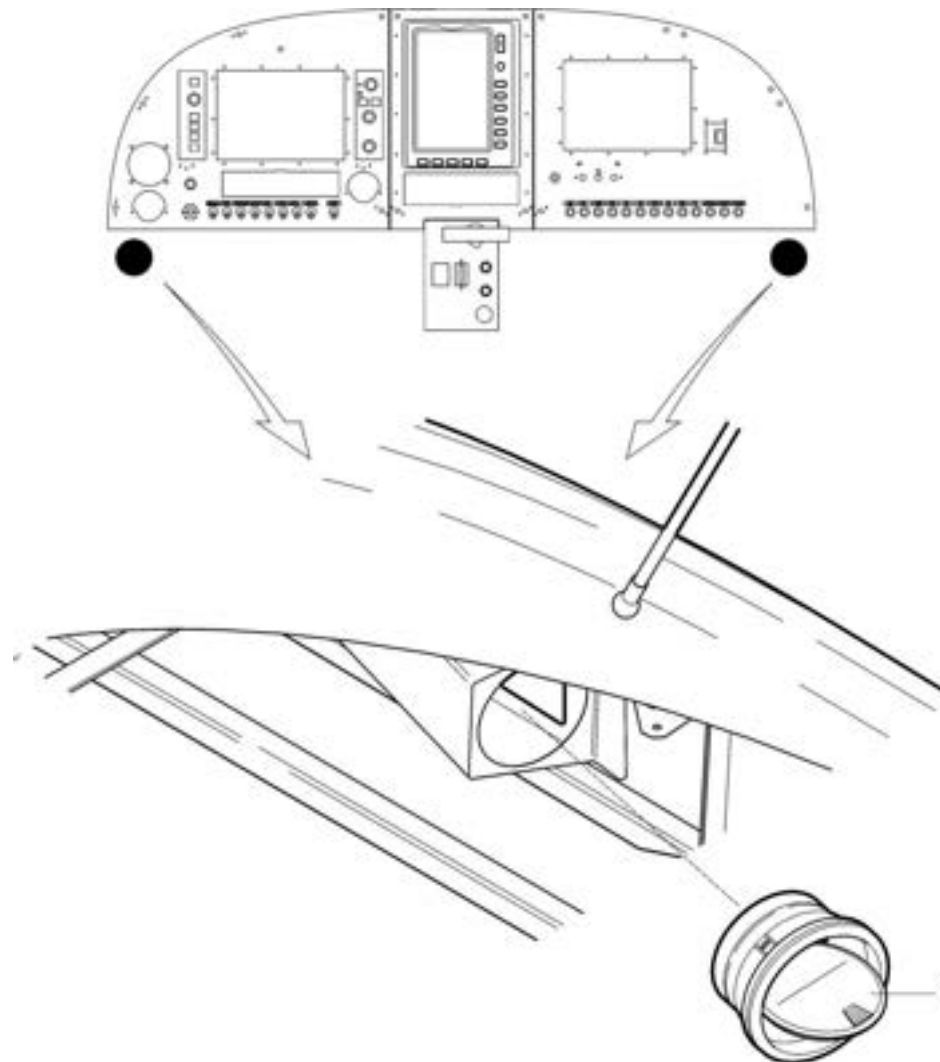


Fig. 21.50-1: Cooling



SECTION - 21.50
COOLING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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21.50.2 NACA Duct

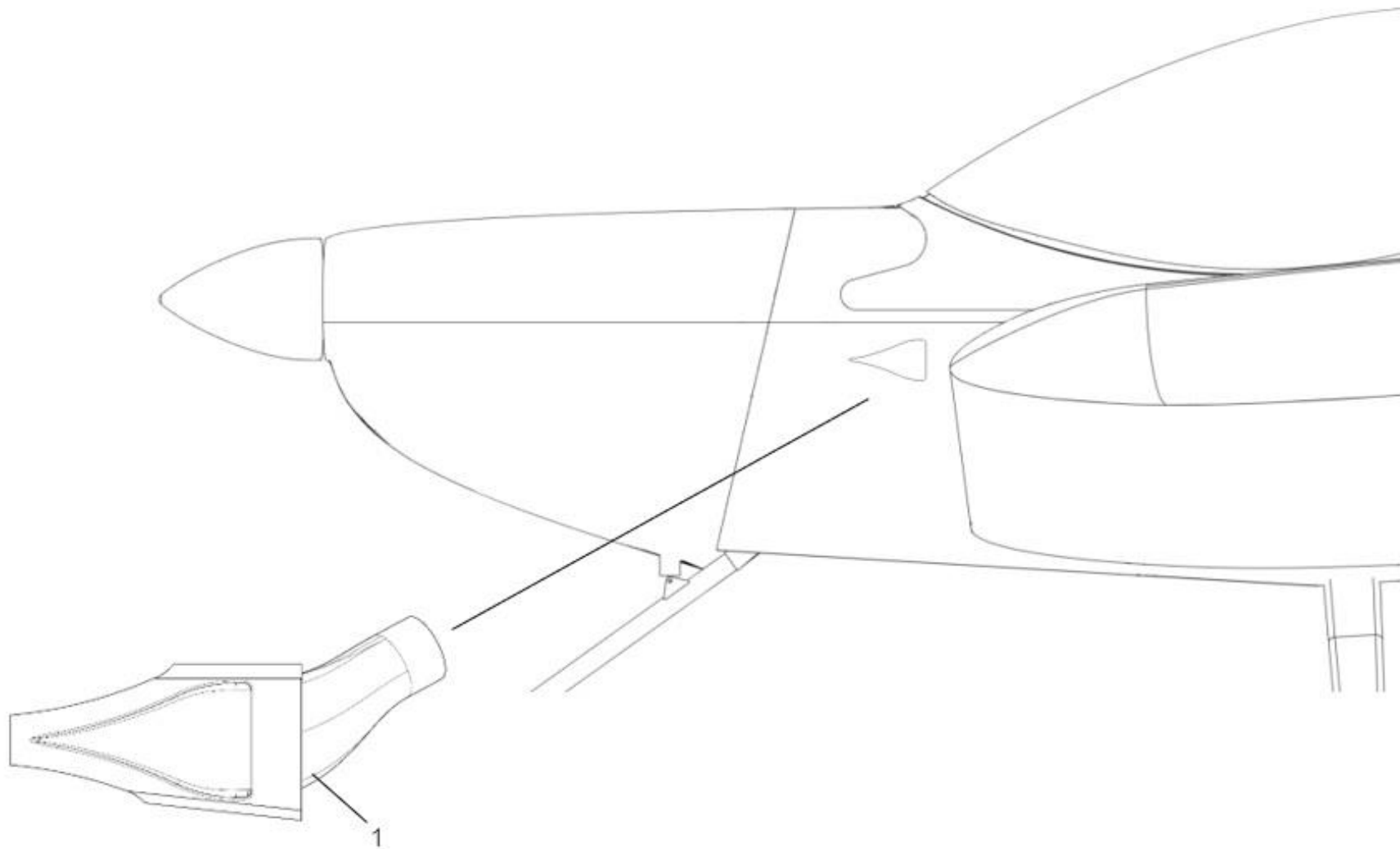


Fig. 21.50-2: NACA duct



SECTION - 21.50
COOLING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



22 AUTOFLIGHT

22.10 AUTOPILOT

22.10	Autopilot.....	22-1
22.10.1	Autopilot Servo Installation.....	22-3
22.10.2	Autopilot Servo Installation-valid since P1102001.....	22-5



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22.10.1 Autopilot Servo Installation

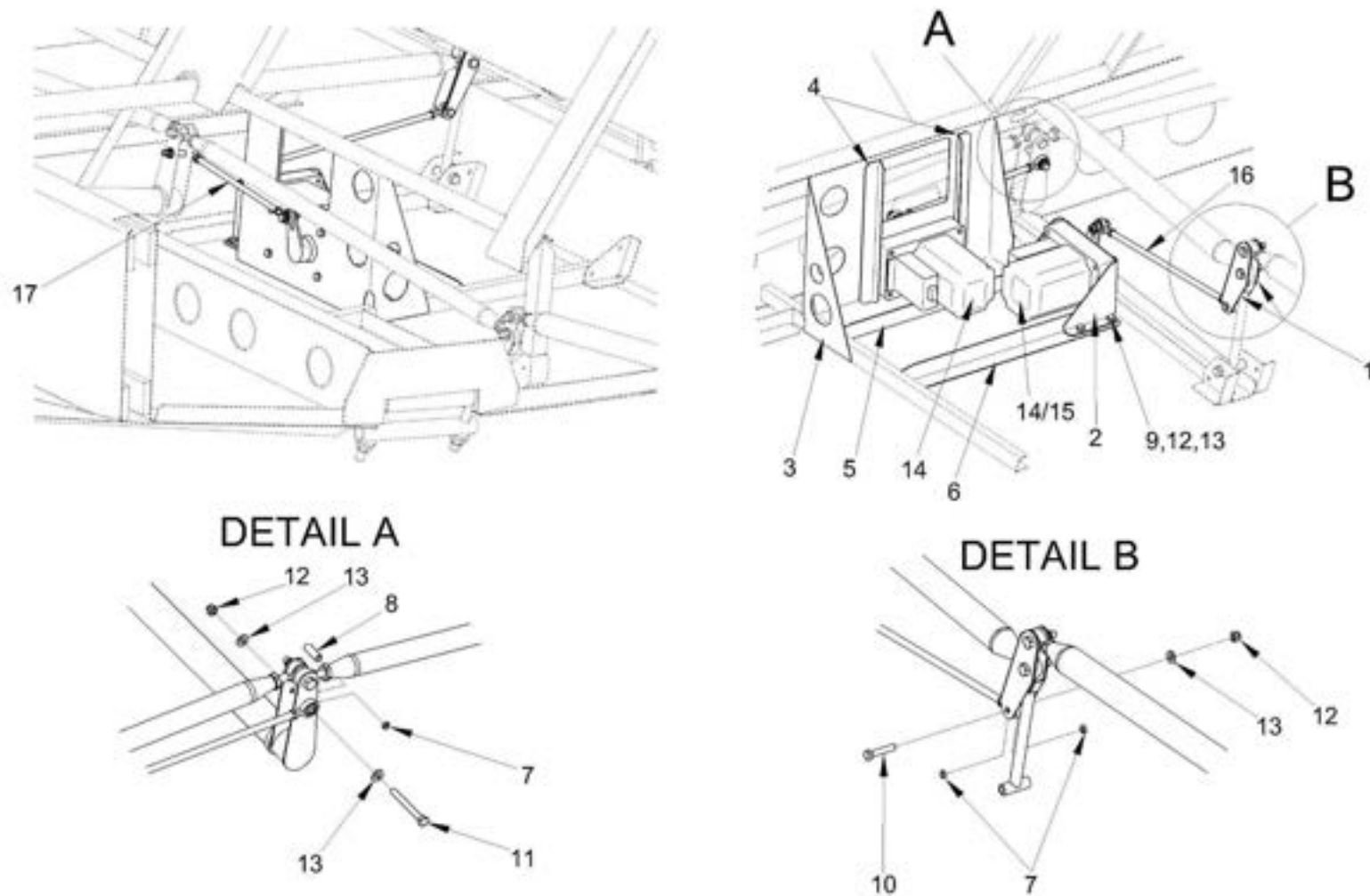


Fig. 22.10-1: Autopilot servo installation

[illegible]



22.10.2 Autopilot Servo Installation-valid since P1102001

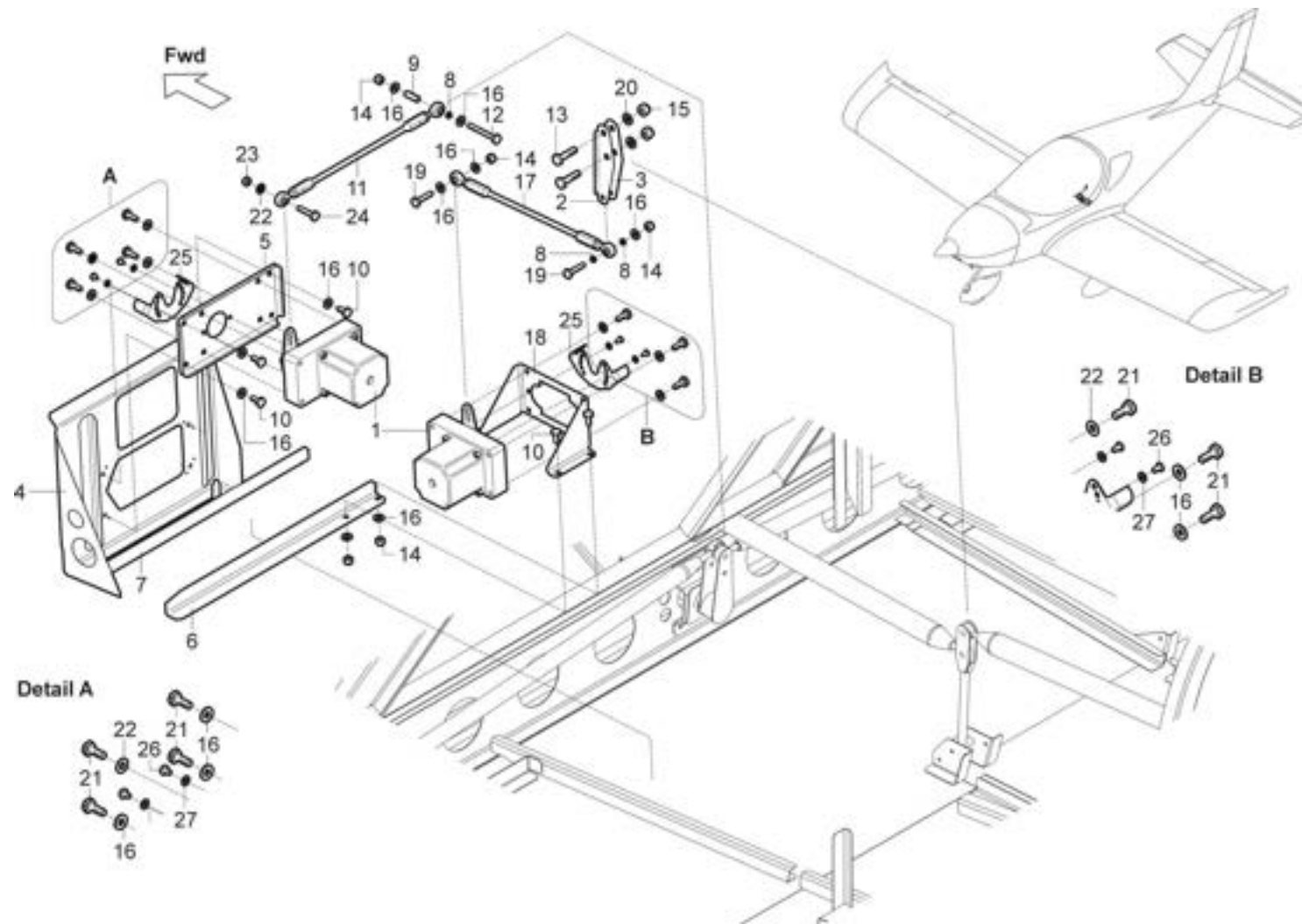


Fig. 22.10-2: Autopilot servo installation-valid since P1102001

[illegible]



24 ELECTRICAL POWER

24.30 DC GENERATION

24.30	DC Generation	24-1
24.30.1	Battery Installation	24-3



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24.30.1 Battery Installation

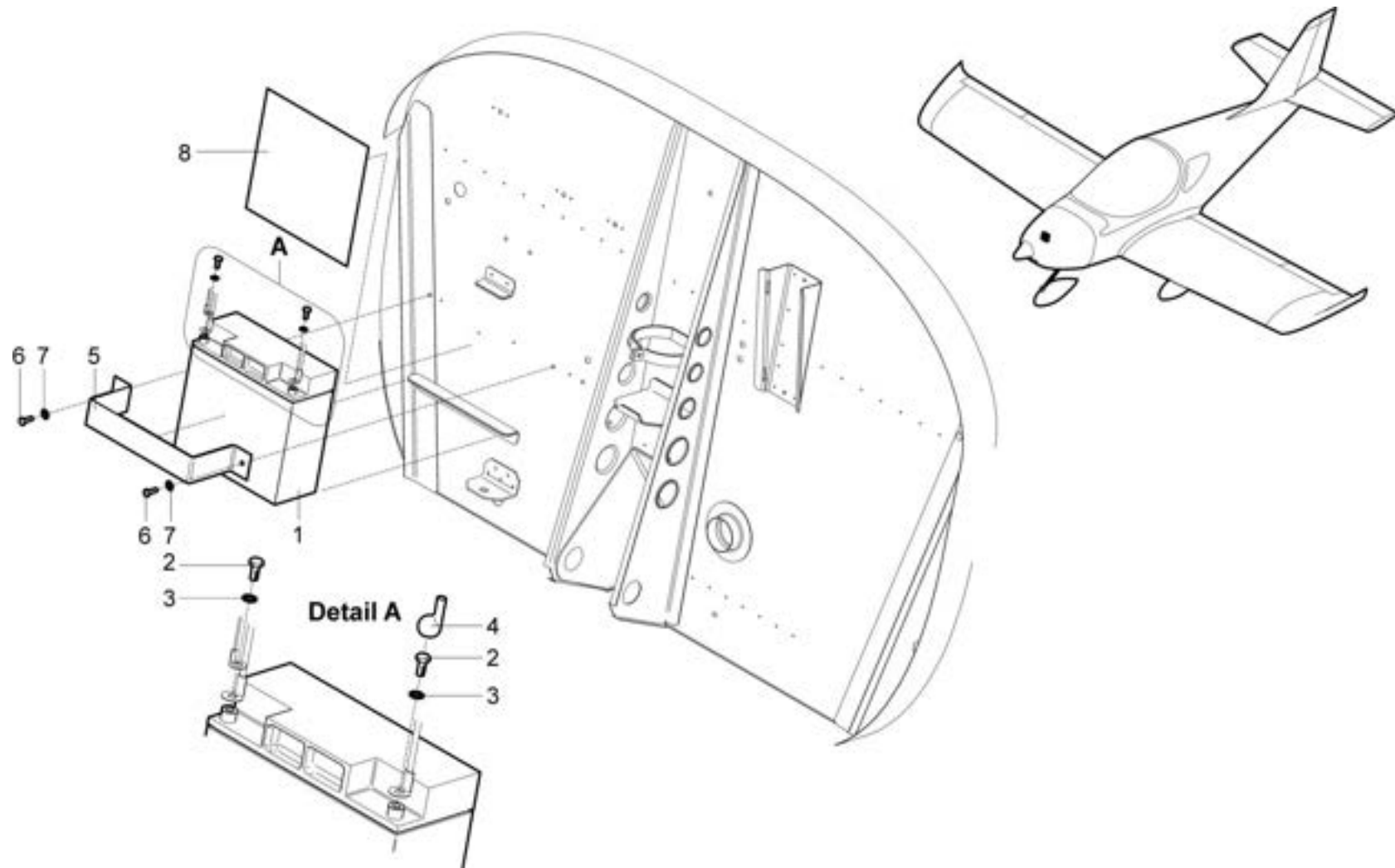


Fig. 24.30-1: Battery installation



SECTION - 24.30

DC GENERATION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



24 ELECTRICAL POWER

24.50 AC ELECTRICAL LOAD DISTRIBUTION

24.50	AC Electrical Load Distribution	24-5
24.50.1	Lighter Socket Installation	24-7



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24.50.1 Lighter Socket Installation

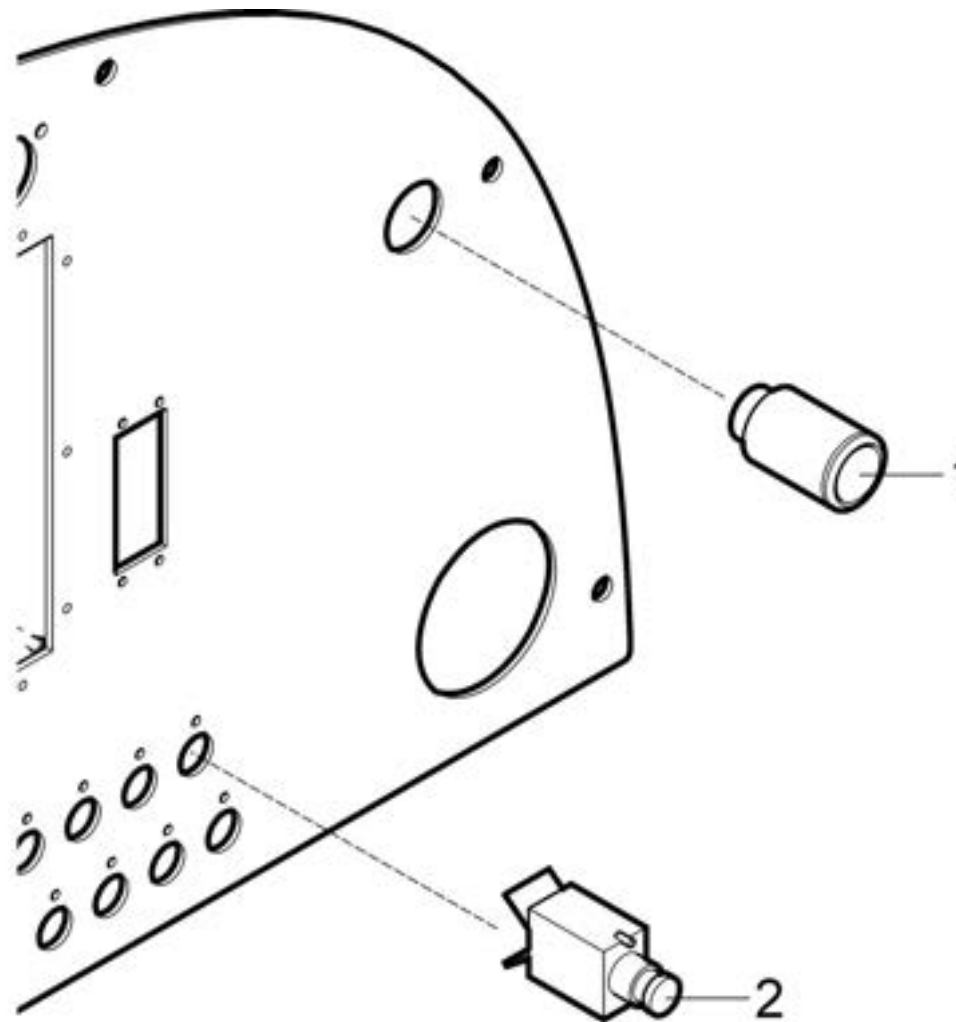


Fig. 24.50-1: Lighter socket installation



SECTION - 24.50

AC ELECTRICAL LOAD DISTRIBUTION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25 EQUIPMENT / FURNISHING

25.10 FLIGHT COMPARTMENT

25.10	Flight Compartment	25-1
25.10.1	Upholstery Installation	25-3
25.10.2	Upholstery Installation-valid since P1102001	25-5
25.10.3	Upholstery Installation-valid since P1102039	25-7
25.10.4	Seat Installation (optional equipment)	25-9
25.10.5	Sunshield Installation	25-11



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25.10.1 Upholstery Installation

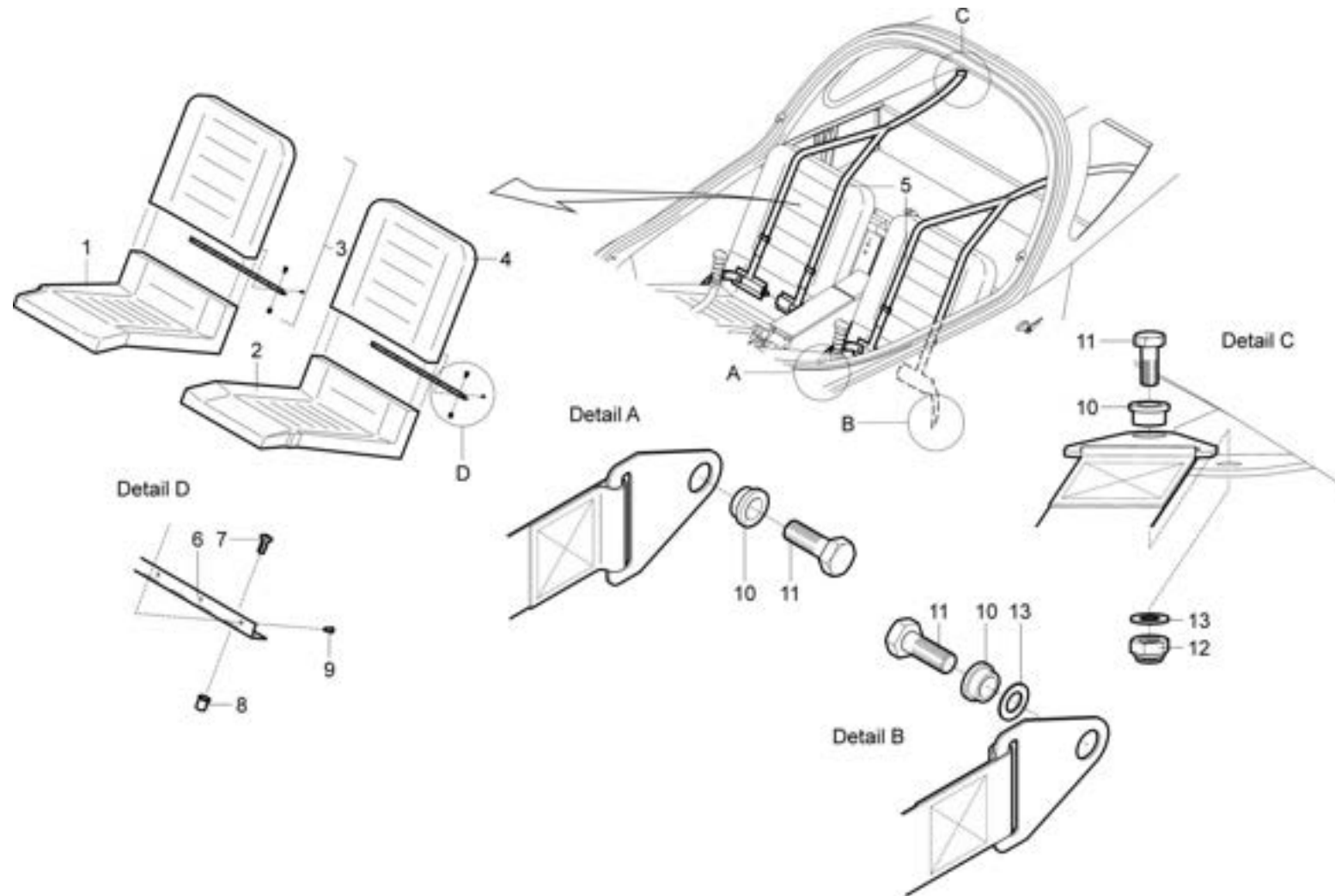
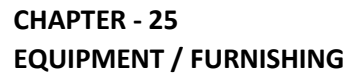


Fig. 25.10-1: Upholstery installation



SECTION - 25.10 FLIGHT COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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25.10.2 Upholstery Installation-valid since P1102001

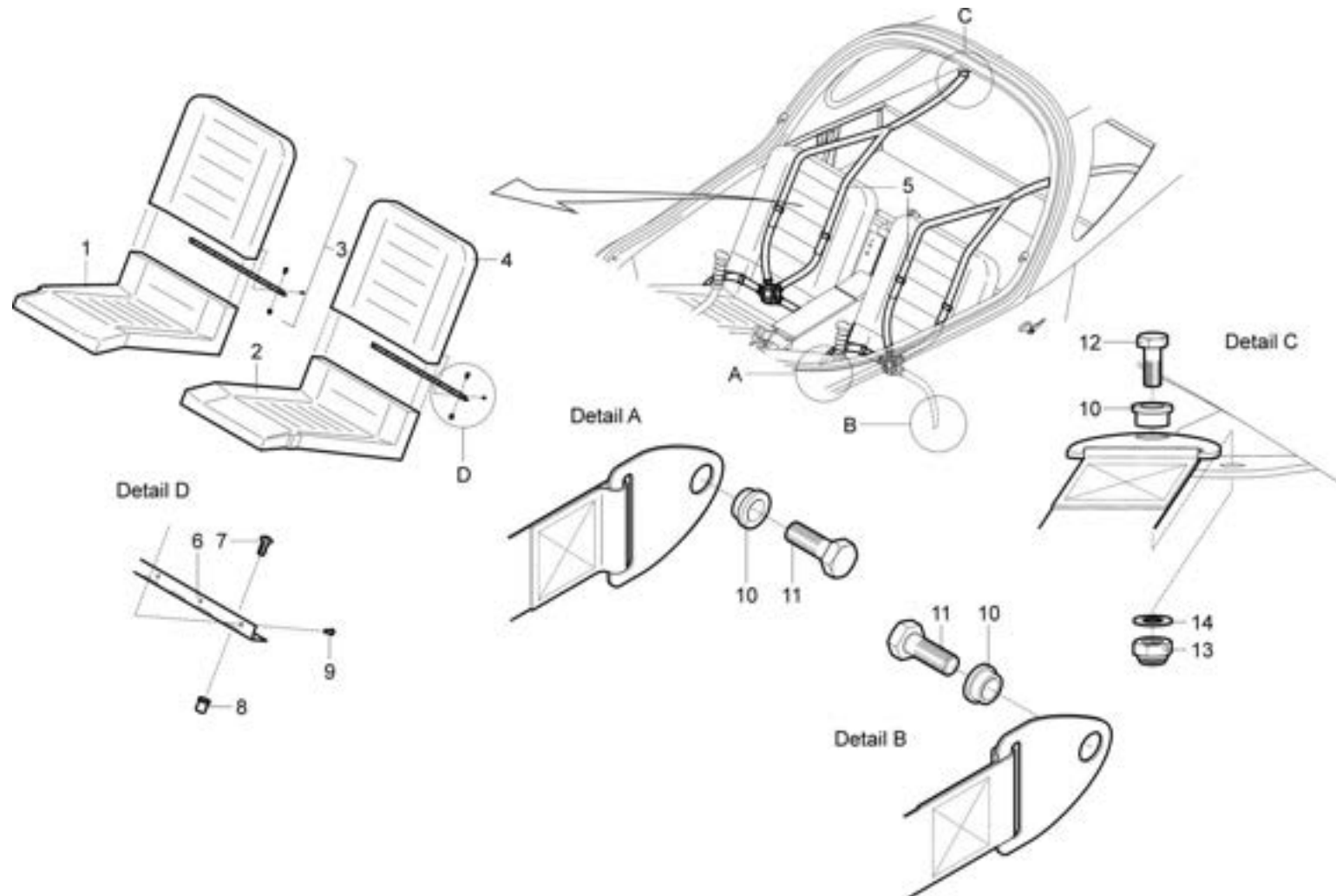
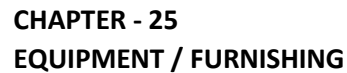


Fig. 25.10-2: Upholstery installation-valid since P1102001



SECTION - 25.10 FLIGHT COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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25.10.3 Upholstery Installation-valid since P1102039

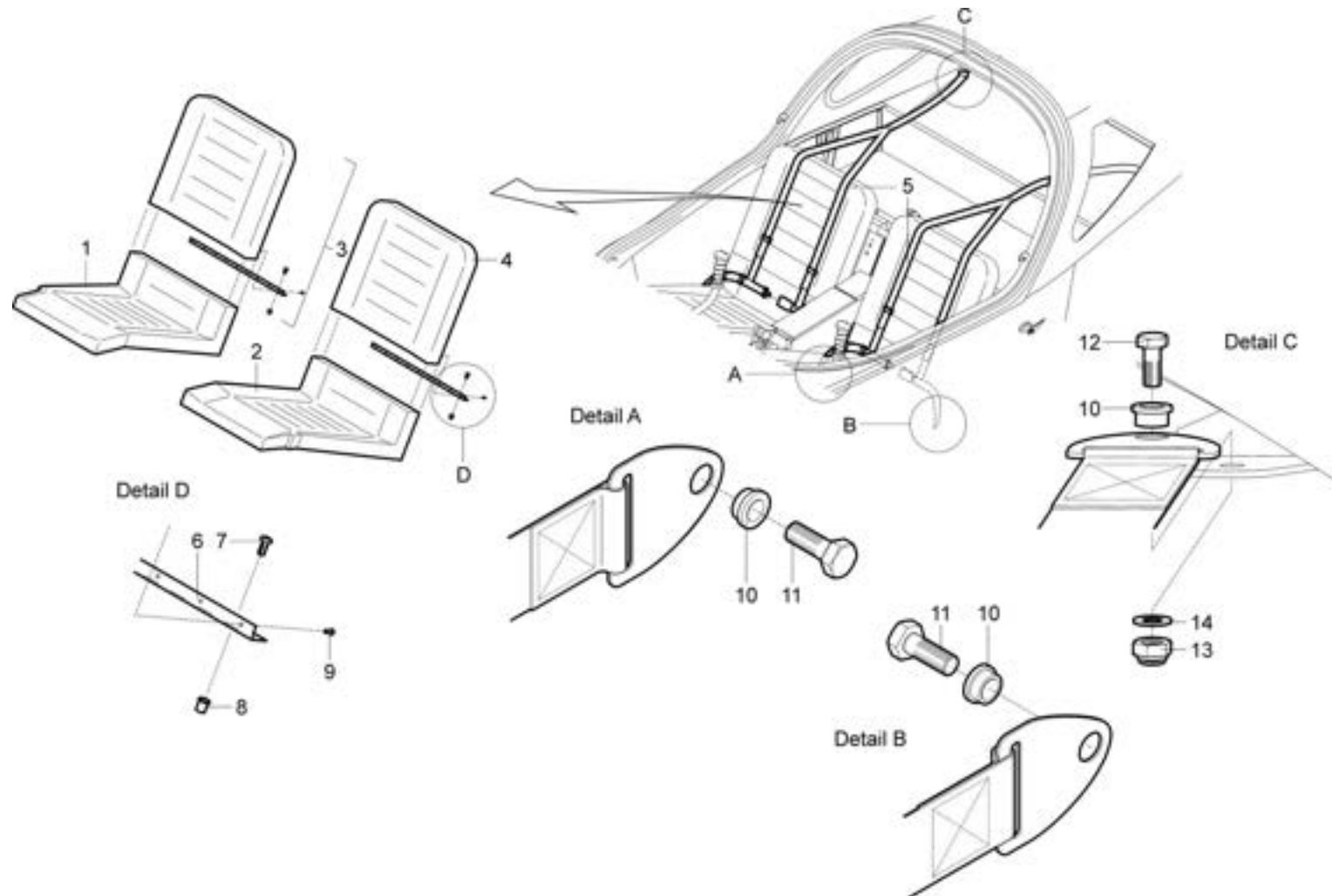
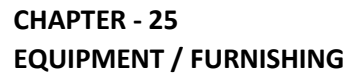


Fig. 25.10-3: Upholstery installation-valid since P1102039



SECTION - 25.10 FLIGHT COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25.10.4 Seat Installation (optional equipment)

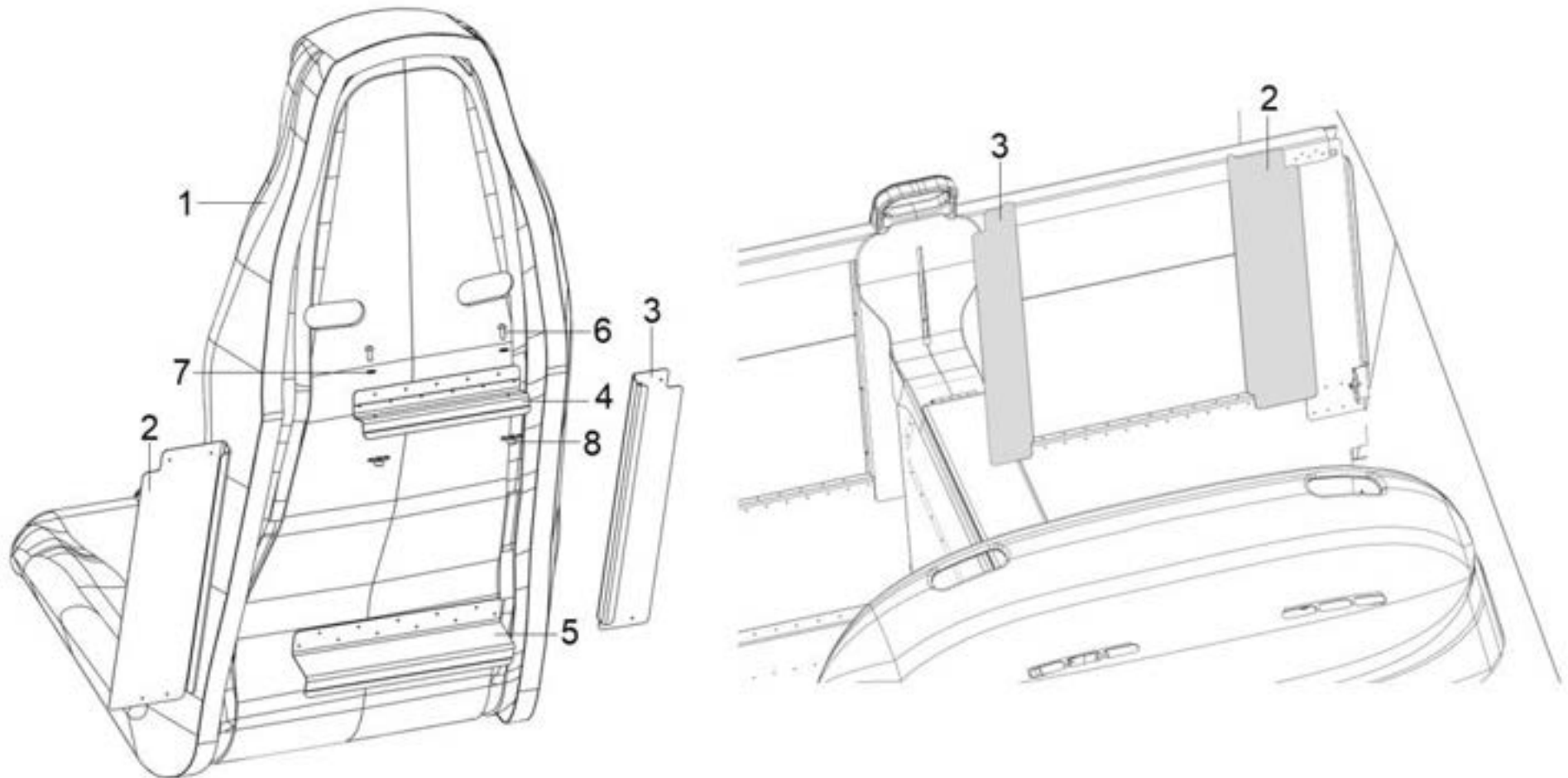
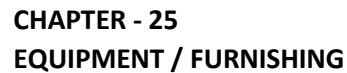


Fig. 25.10-4: Seat installation (optional equipment)



SECTION - 25.10 FLIGHT COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25.10.5 Sunshield Installation

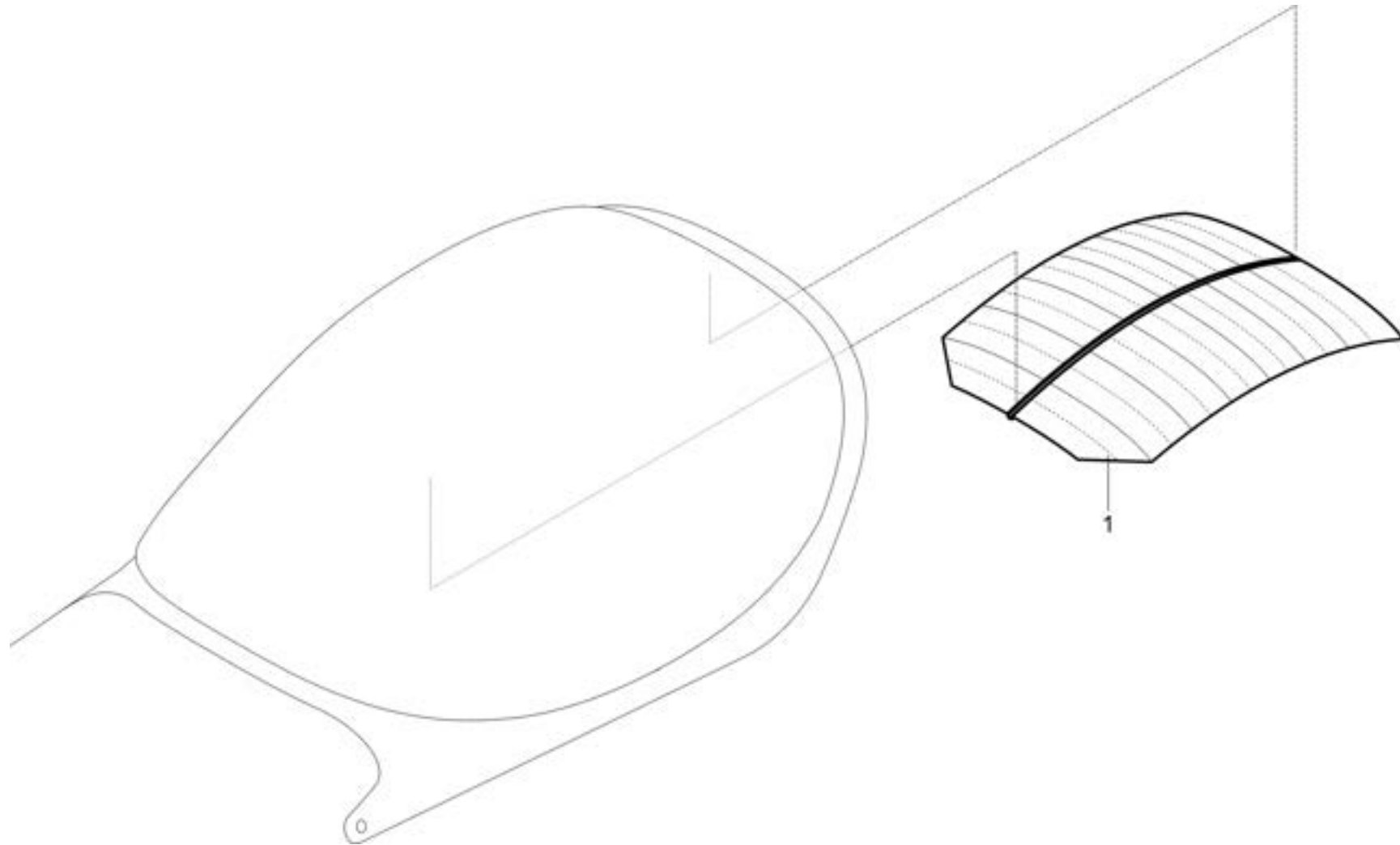
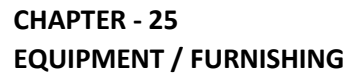


Fig. 25.10-5: Sunshield installation



SECTION - 25.10 FLIGHT COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25 EQUIPMENT / FURNISHING

25.50 CARGO COMPARTMENT

25.50	Cargo Compartment.....	25-13
25.50.1	Fastening Straps Installation	25-15
25.50.2	Fastening Straps Installation-valid since P1102008	25-17



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25.50.1 Fastening Straps Installation

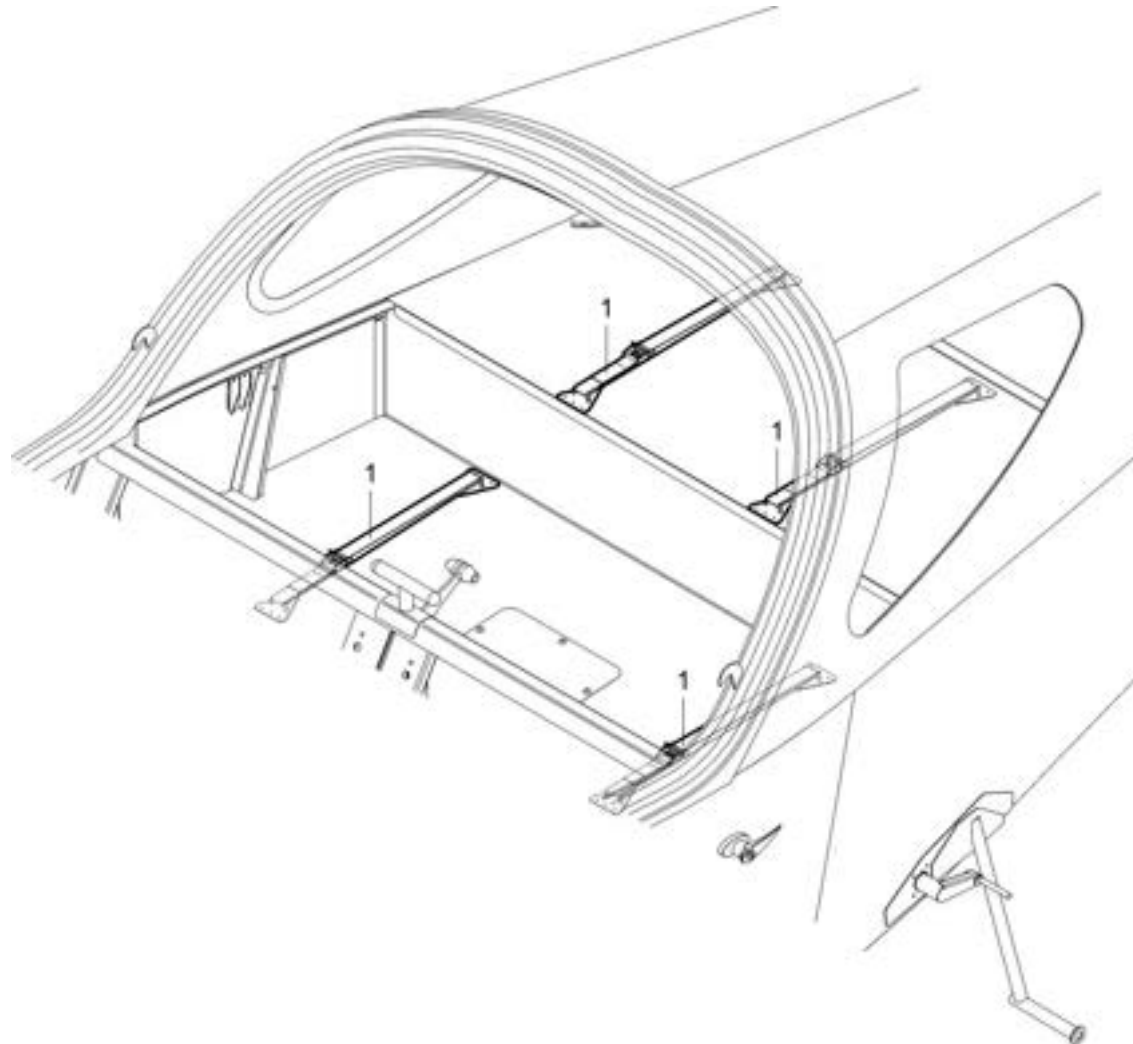
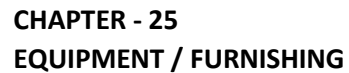


Fig. 25.50-1: Fastening straps installation



SECTION - 25.50

CARGO COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25.50.2 Fastening Straps Installation-valid since P1102008

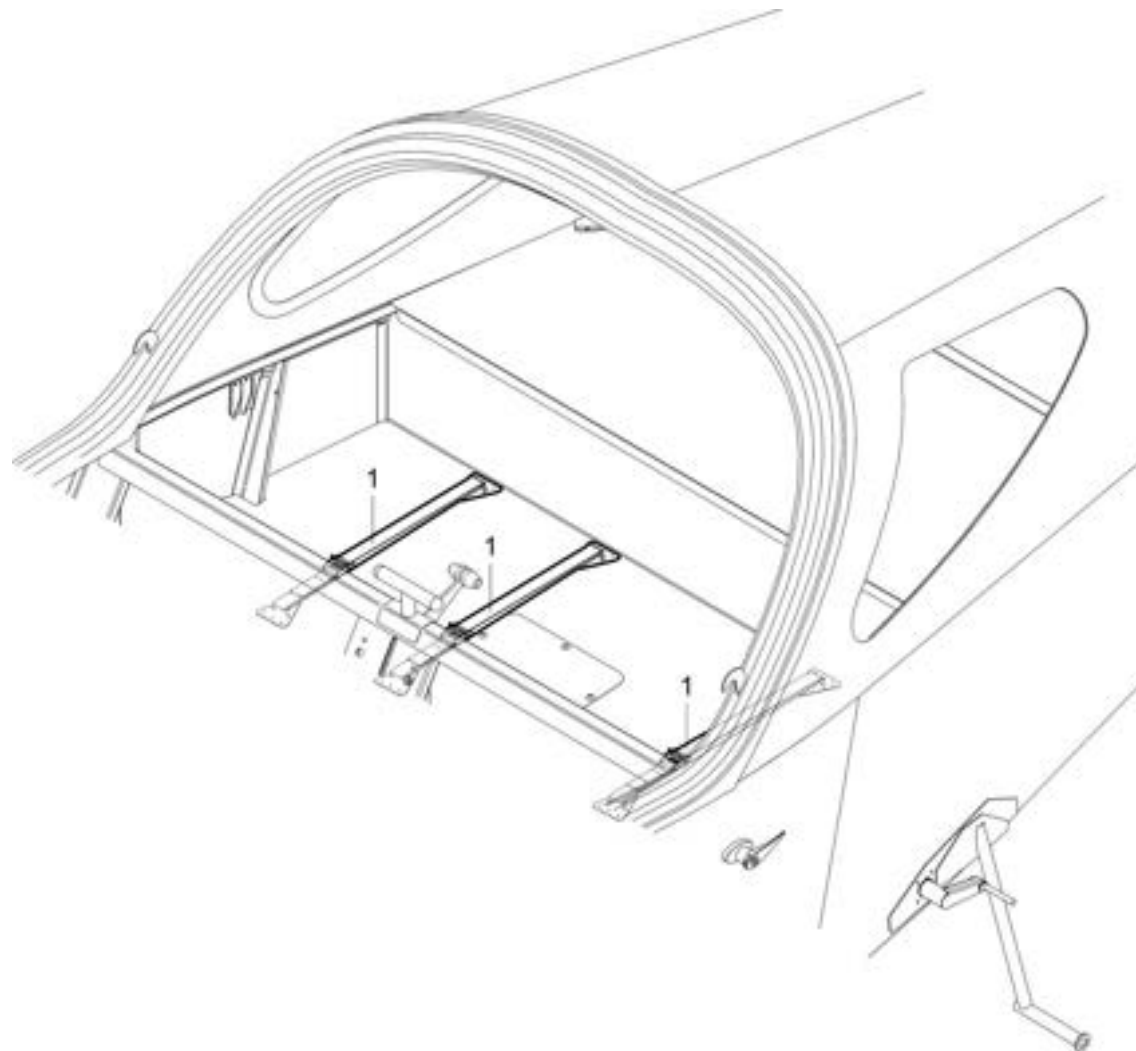
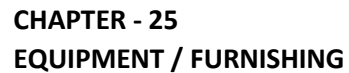


Fig. 25.50-2: Fastening strap installation-valid since P1102008



SECTION - 25.50

CARGO COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25 EQUIPMENT / FURNISHING

25.60 EMERGENCY

25.60	Emergency.....	25-19
25.60.39	BRS Installation.....	25-21
25.60.40	BRS Handle Cover Installation-valid since P1102024	25-23
25.60.41	ELT Installation	25-25
25.60.42	ELT Installation	25-27
25.60.43	ELT Installation	25-29



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25.60.1 BRS Installation

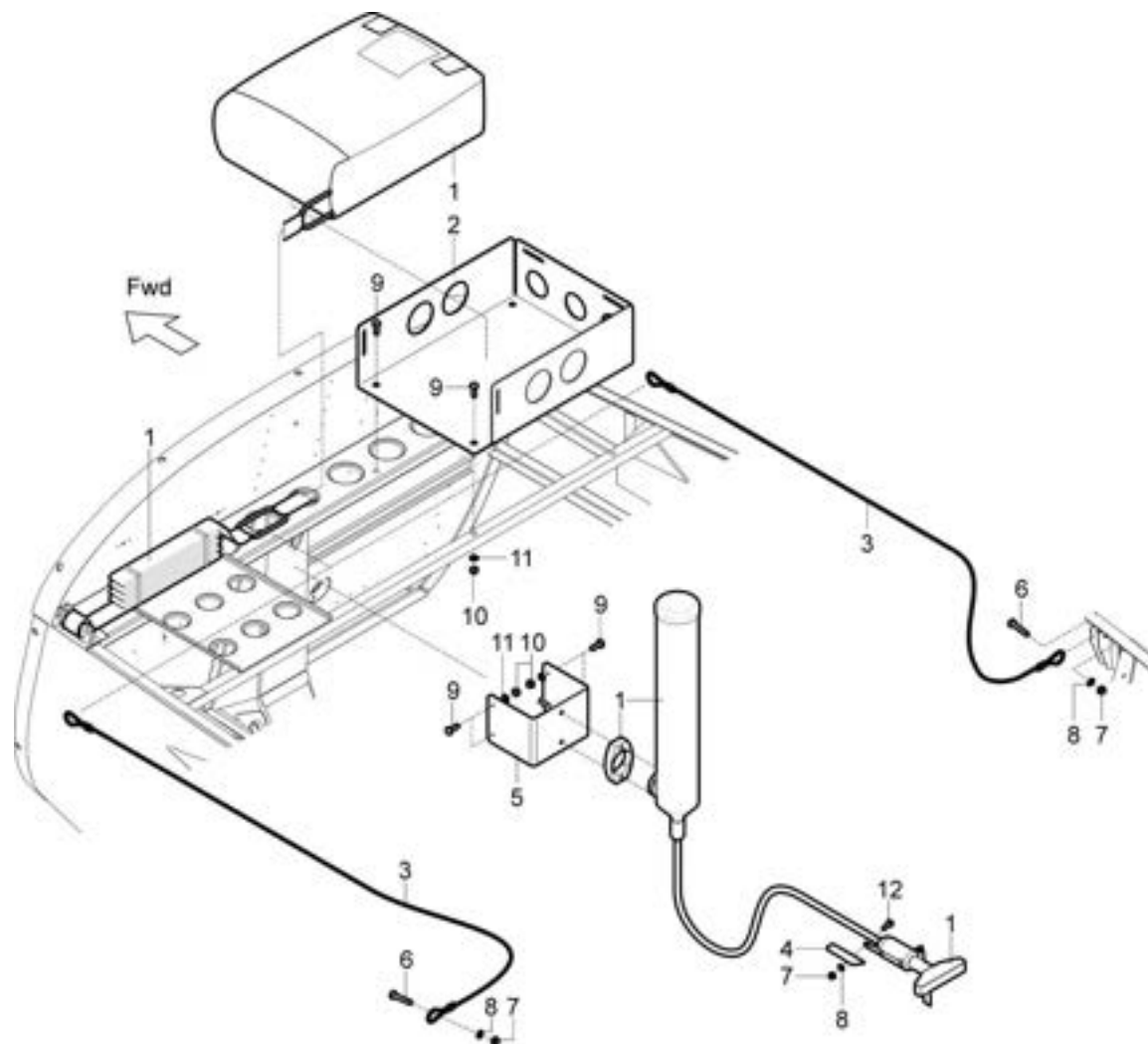
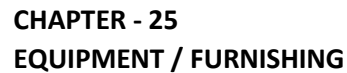


Fig. 25.60-1: BRS installation



SECTION - 25.60
EMERGENCY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25.60.2 BRS Handle Cover Installation-valid since P1102024

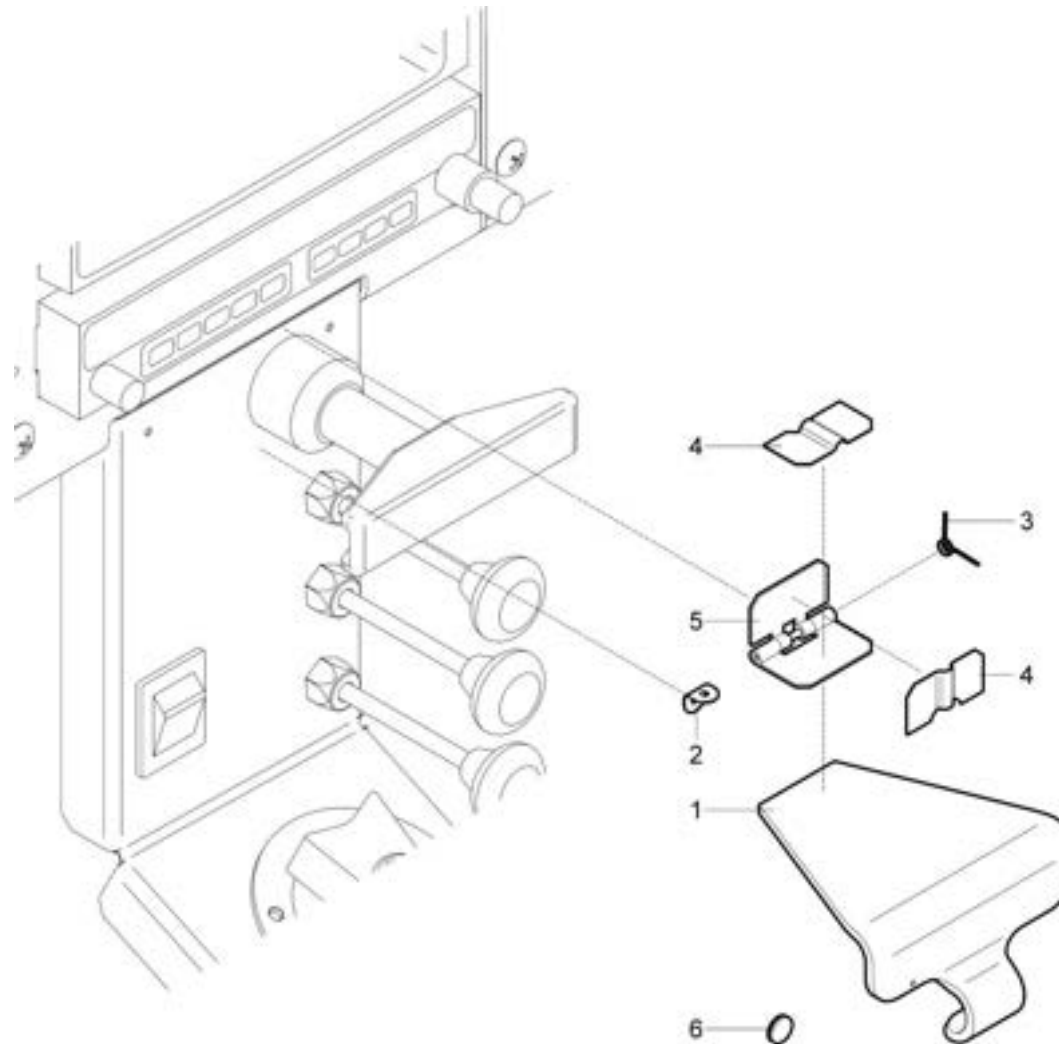
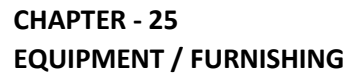


Fig. 25.60-2: BRS handle cover installation-valid since P1102024



SECTION - 25.60
EMERGENCY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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25.60.3 ELT Installation

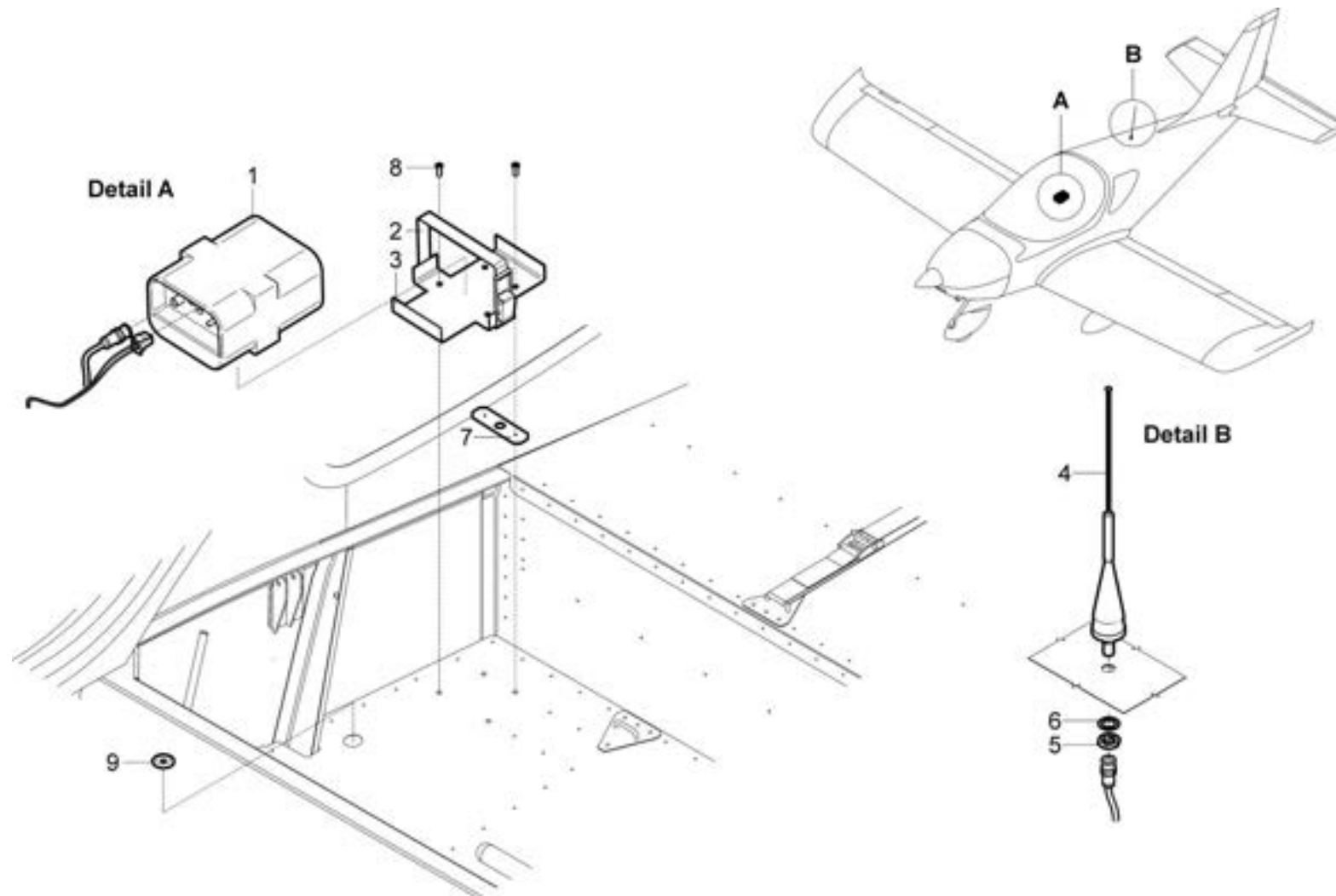
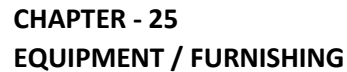


Fig. 25.60-3: ELT installation

[illegible]



25.60.4 ELT Installation

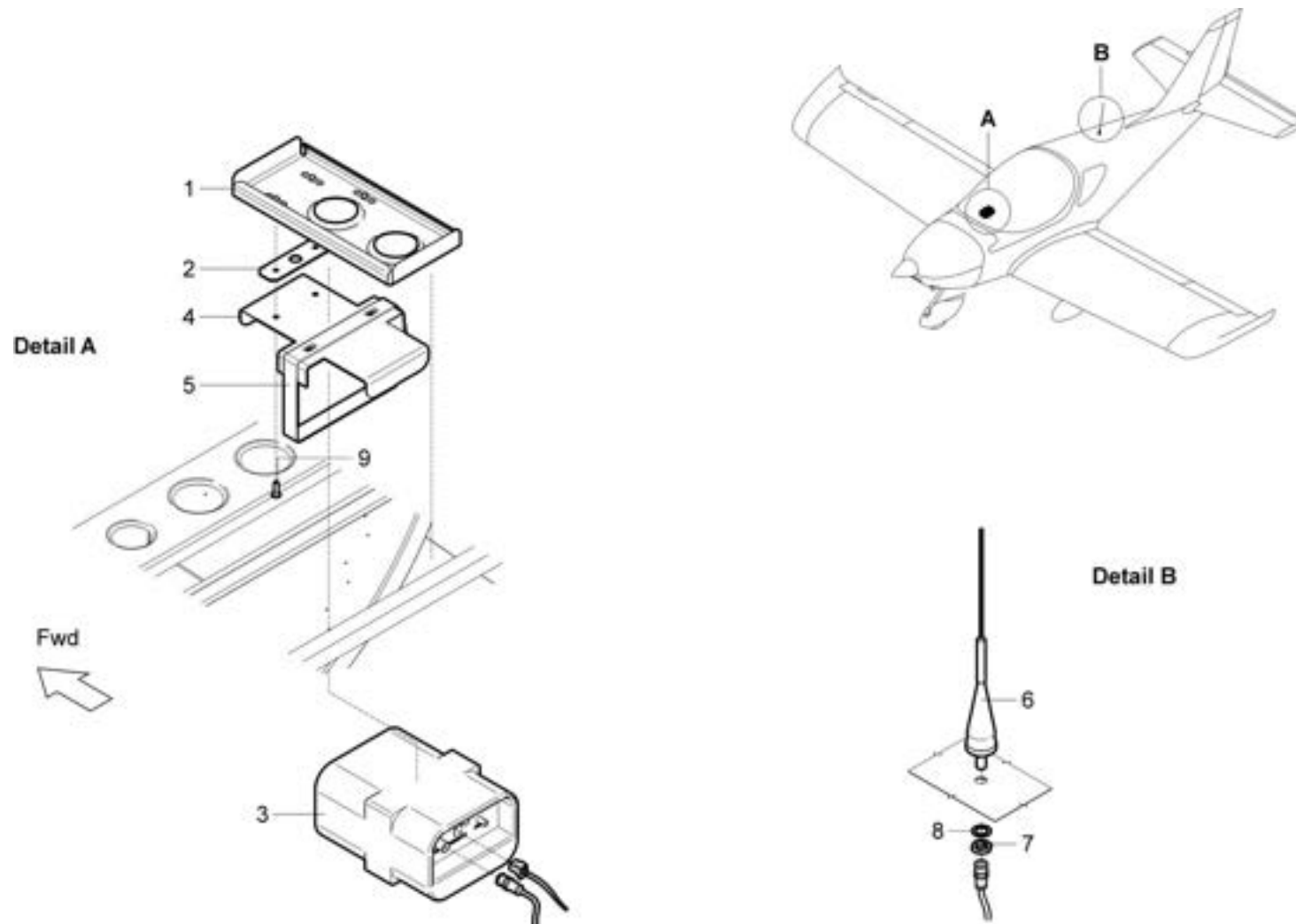
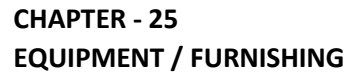


Fig. 25.60-4: ELT installation



SECTION - 25.60 EMERGENCY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



25.60.5 ELT Installation

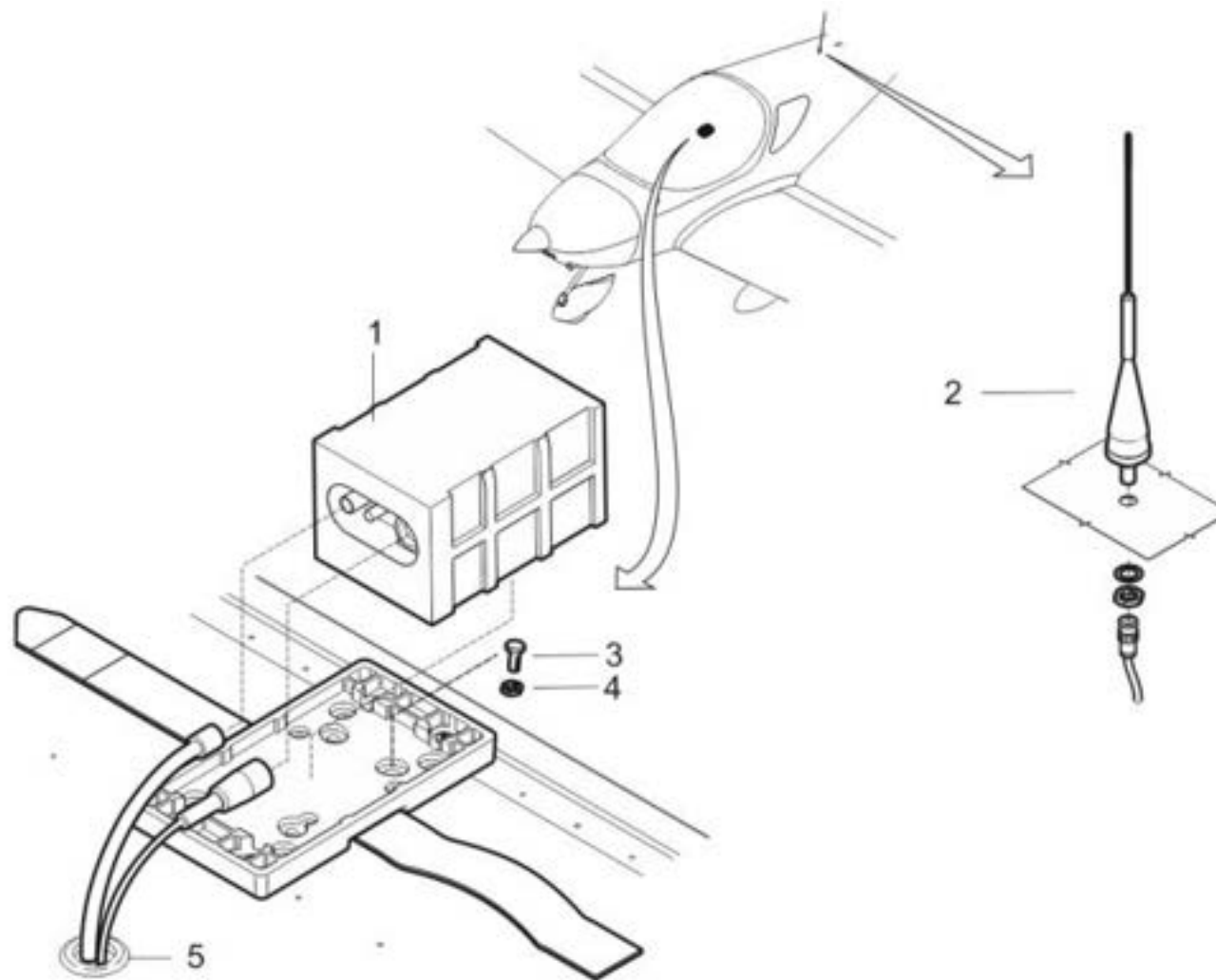
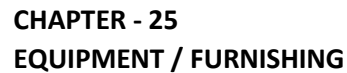


Fig. 25.60-5: ELT installation



SECTION - 25.60

EMERGENCY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



27 FLIGHT CONTROLS

27.10 AILERON AND TAB

27.10	Aileron and Tab	27-1
27.10.1	Aileron Control	27-3
27.10.2	Aileron Control-valid since P1102001	27-6
27.10.1	Aileron Tab Control	27-9
27.10.2	Aileron Rod Sealing.....	27-11



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27.10.1 Aileron Control

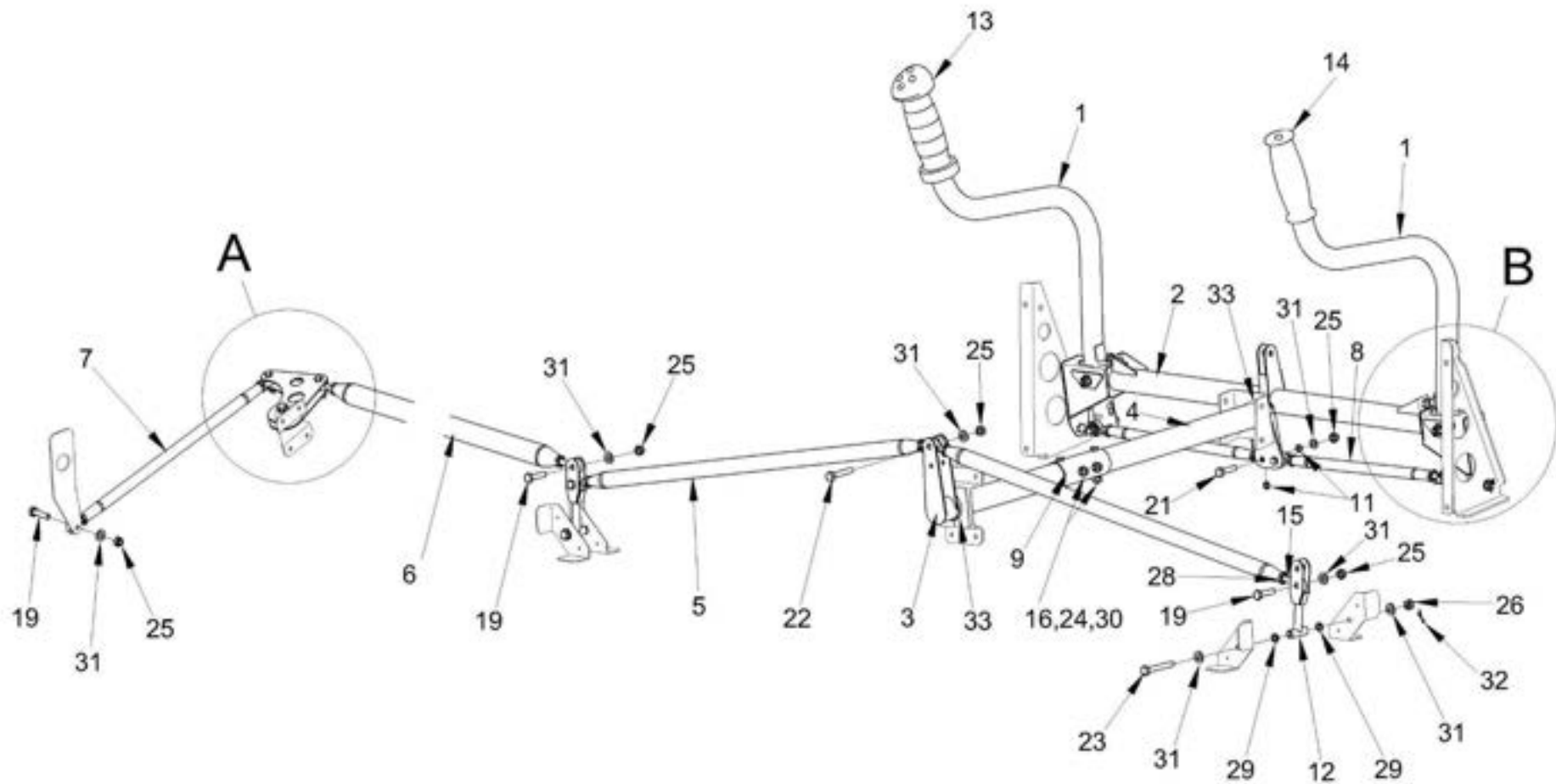


Fig. 27.10-1: Aileron control

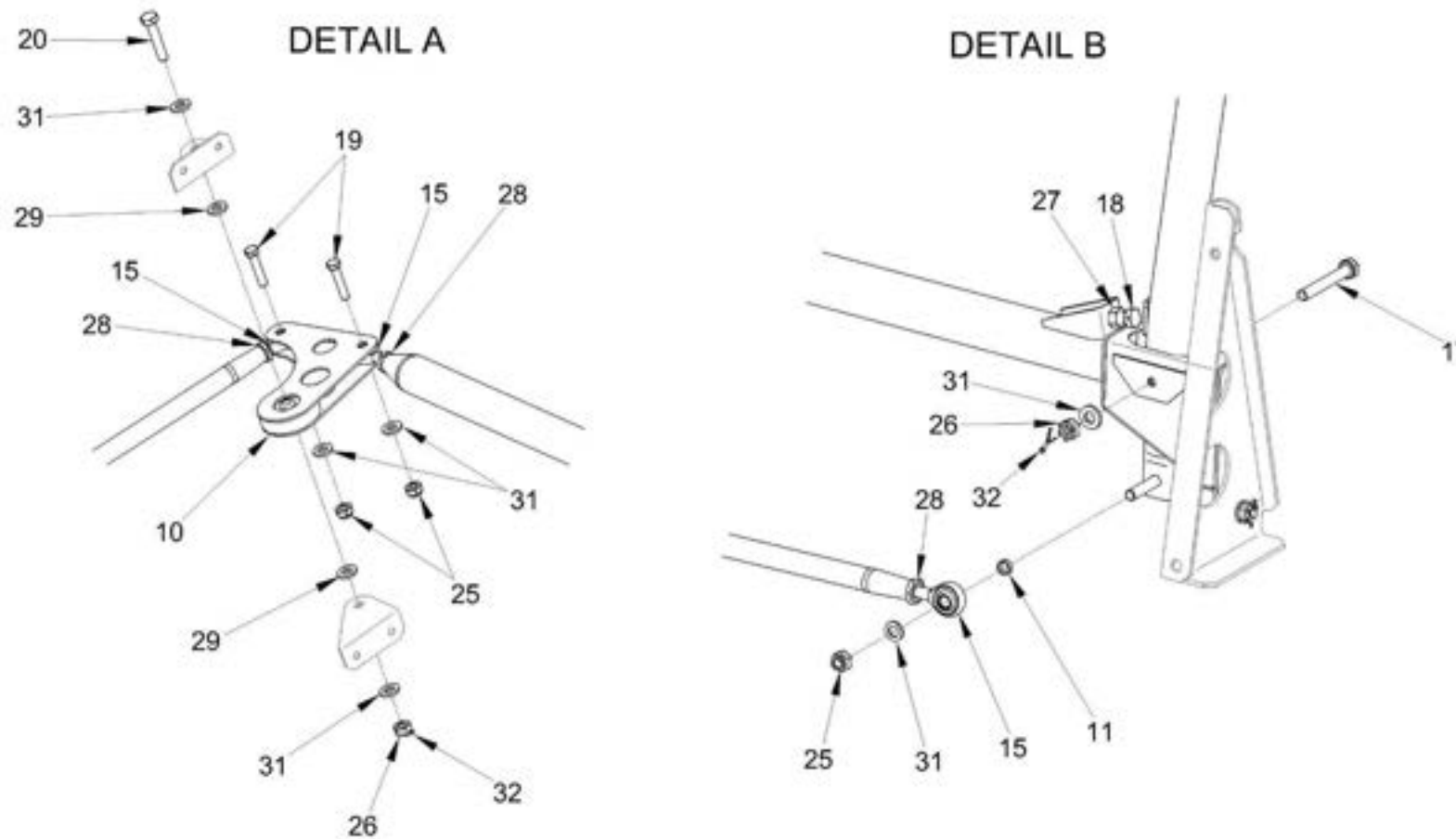


Fig. 27.10-2: Aileron control



PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

SECTION - 27.10

AILERON AND TAB

[illegible]



27.10.2 Aileron Control-valid since P1102001

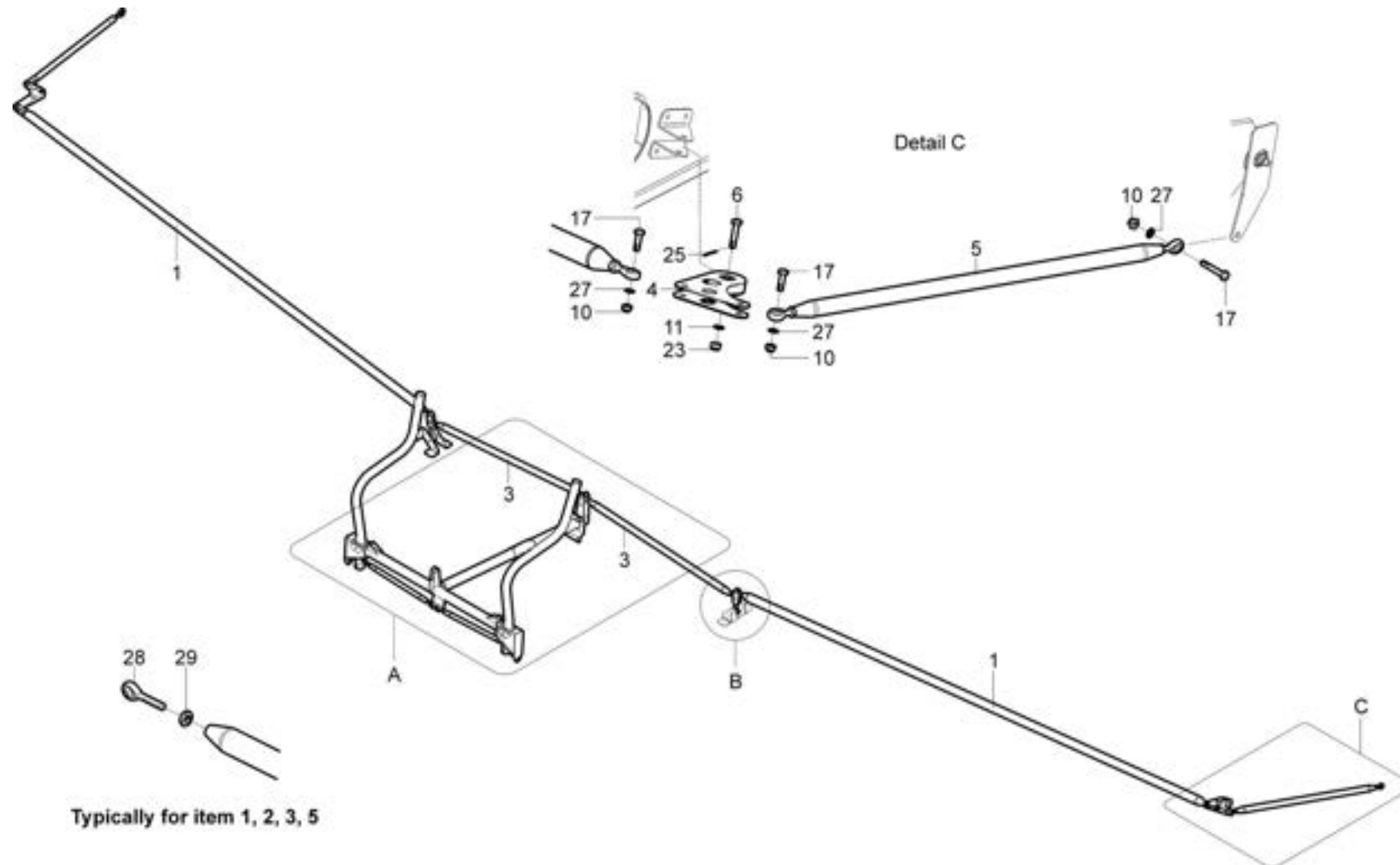


Fig. 27.10-3: Aileron control-valid since P1102001

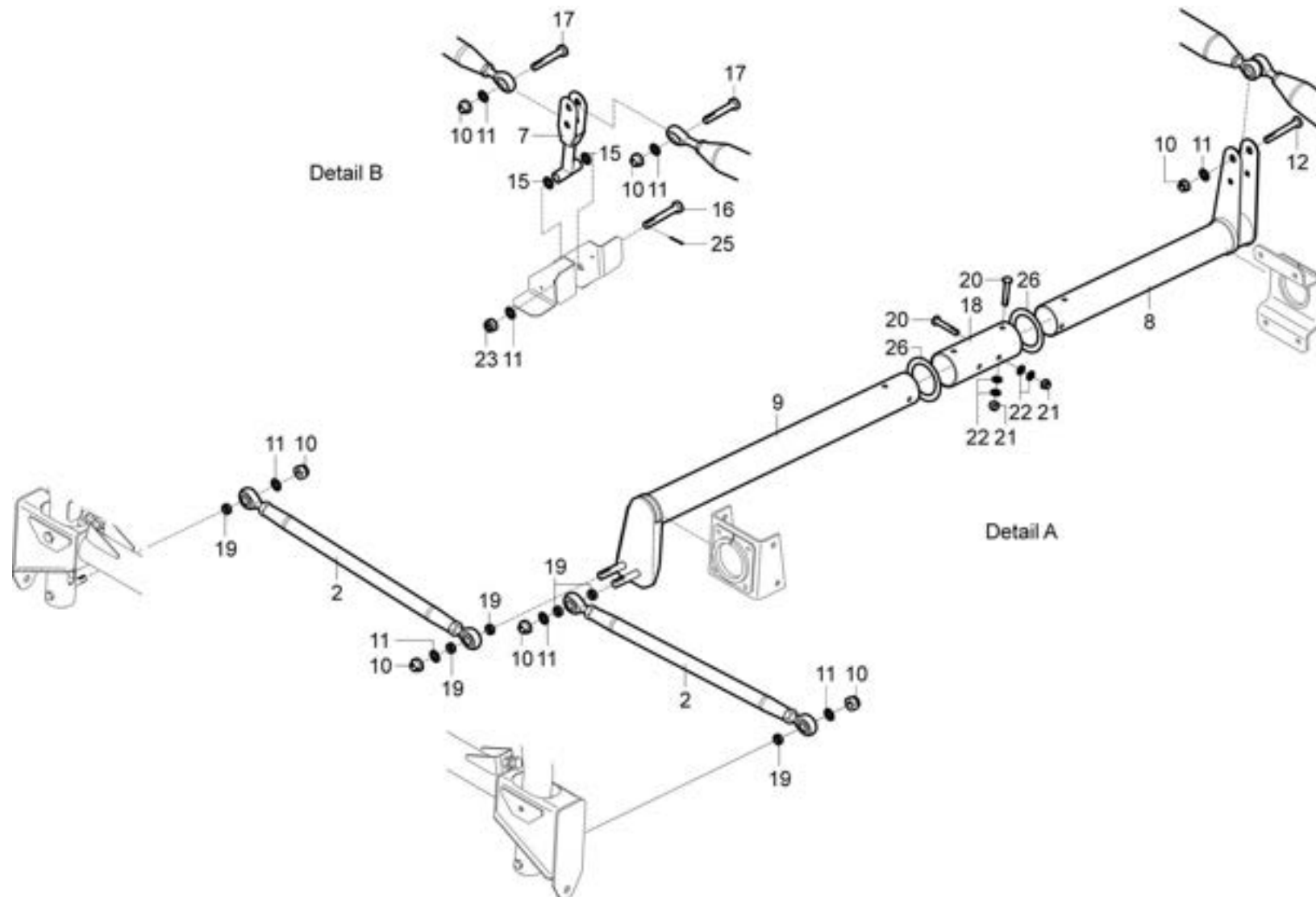


Fig. 27.10-4: Aileron control-valid since P1102001



SECTION - 27.10

AILERON AND TAB

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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27.10.3 Aileron Tab Control

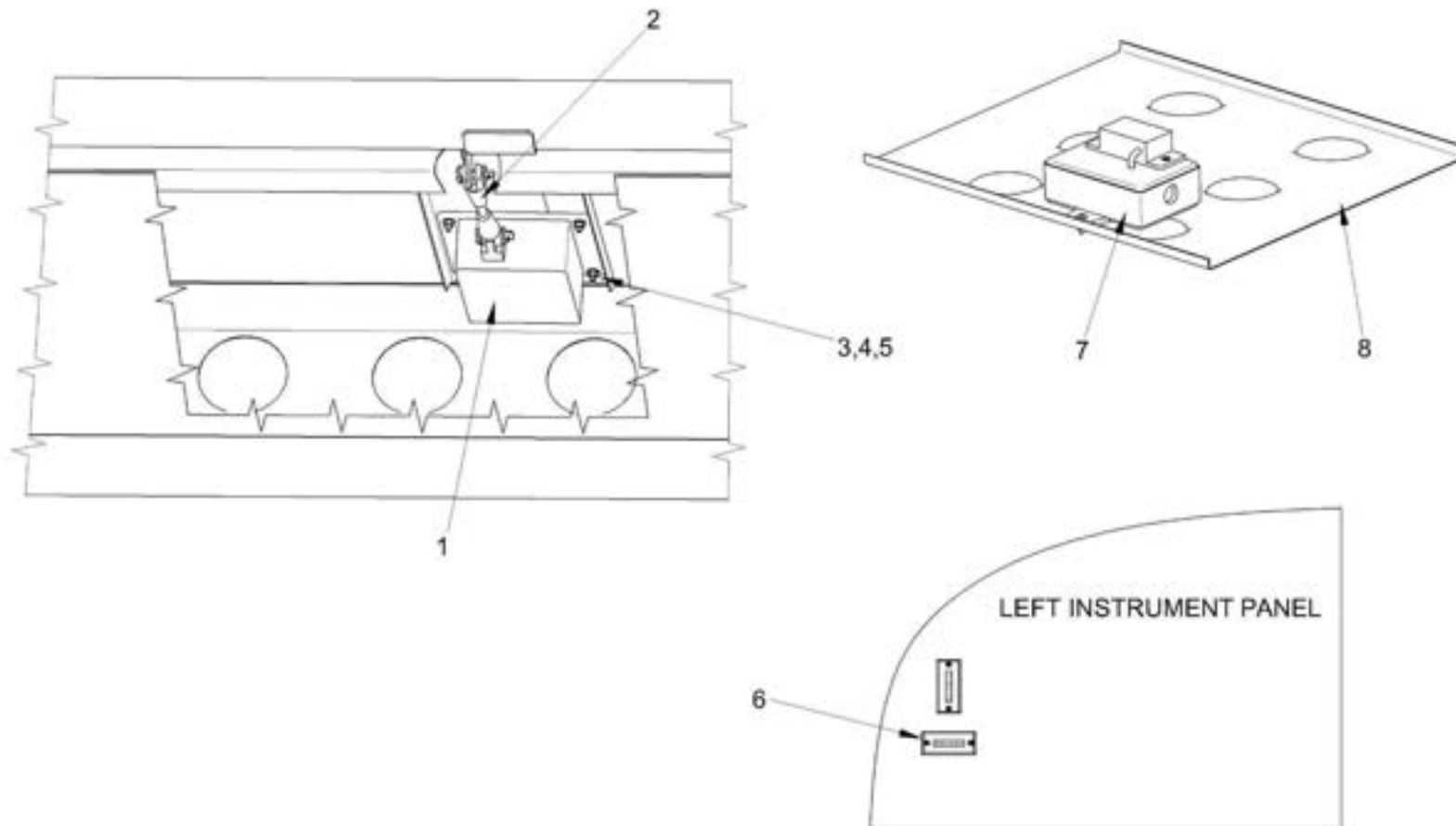


Fig. 27.10-5: Aileron tab control



SECTION - 27.10

AILERON AND TAB

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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27.10.4 Aileron Rod Sealing

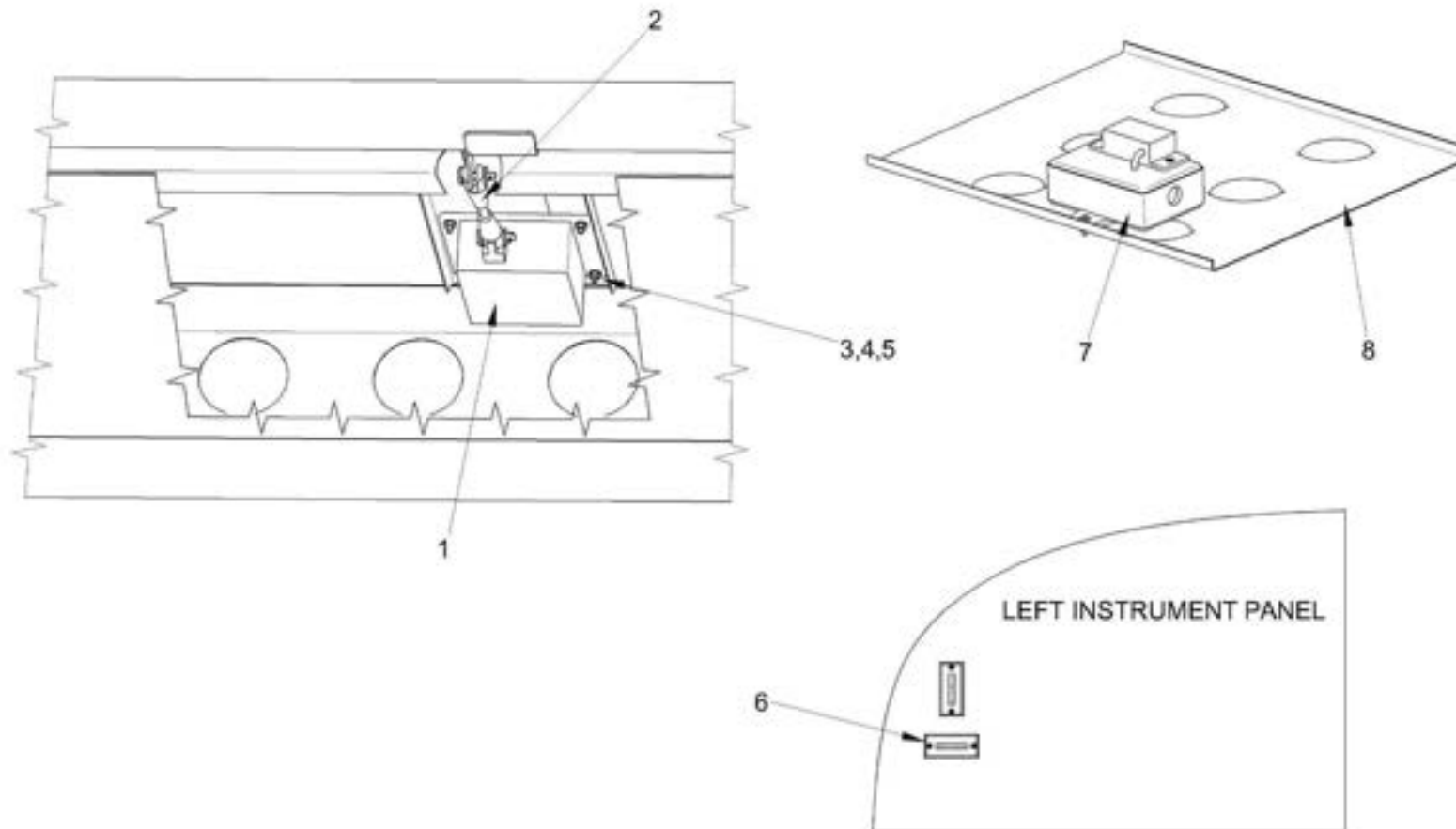


Fig. 27.10-6: Aileron rod sealing



SECTION - 27.10

AILERON AND TAB

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



27 FLIGHT CONTROLS

27.20 RUDDER AND TAB

27.20	Rudder and Tab	27-13
27.20.1	Rudder Pedals.....	27-14
27.20.2	Rudder Cables.....	27-17



27.20.1 Rudder Pedals

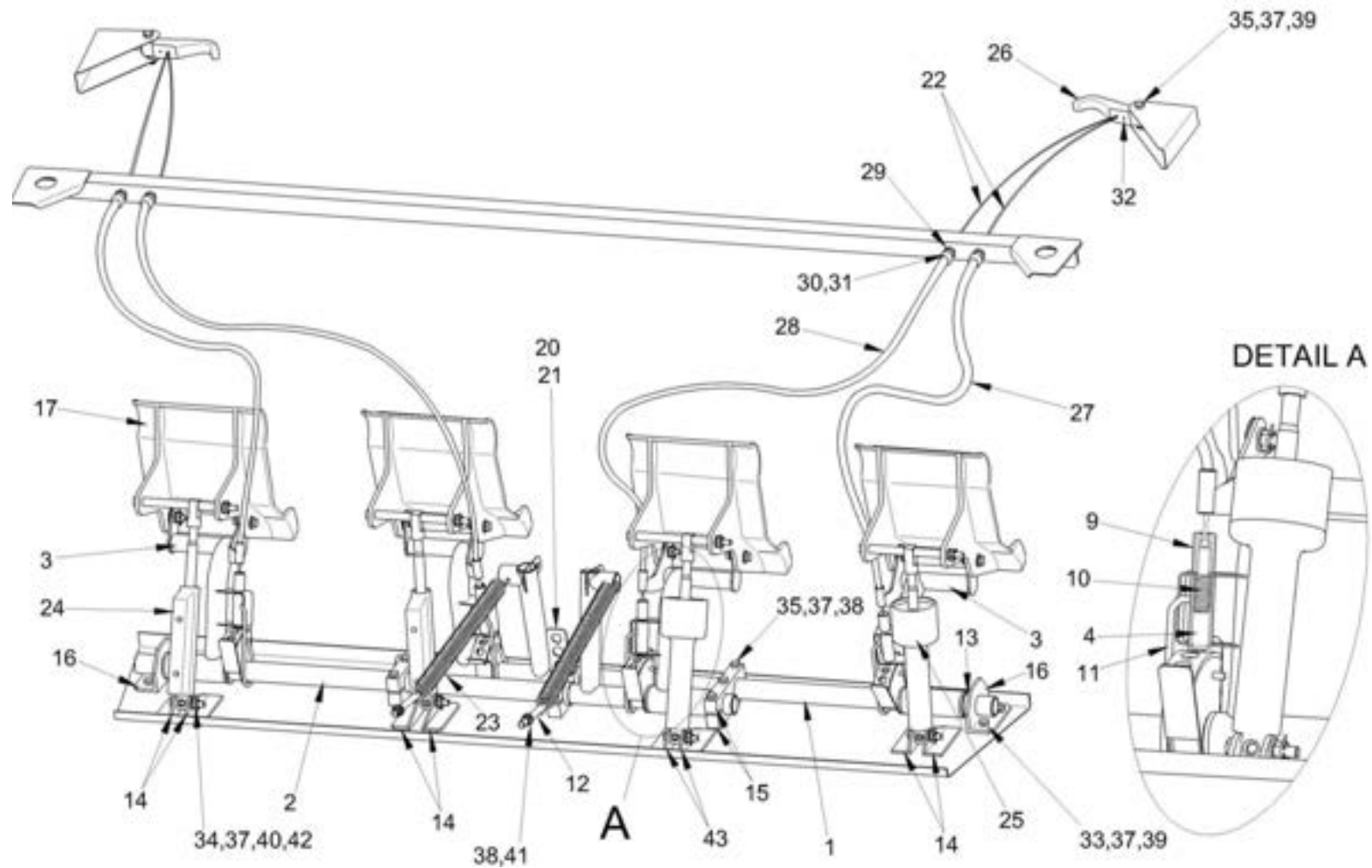


Fig. 27.20-1: Rudder pedals

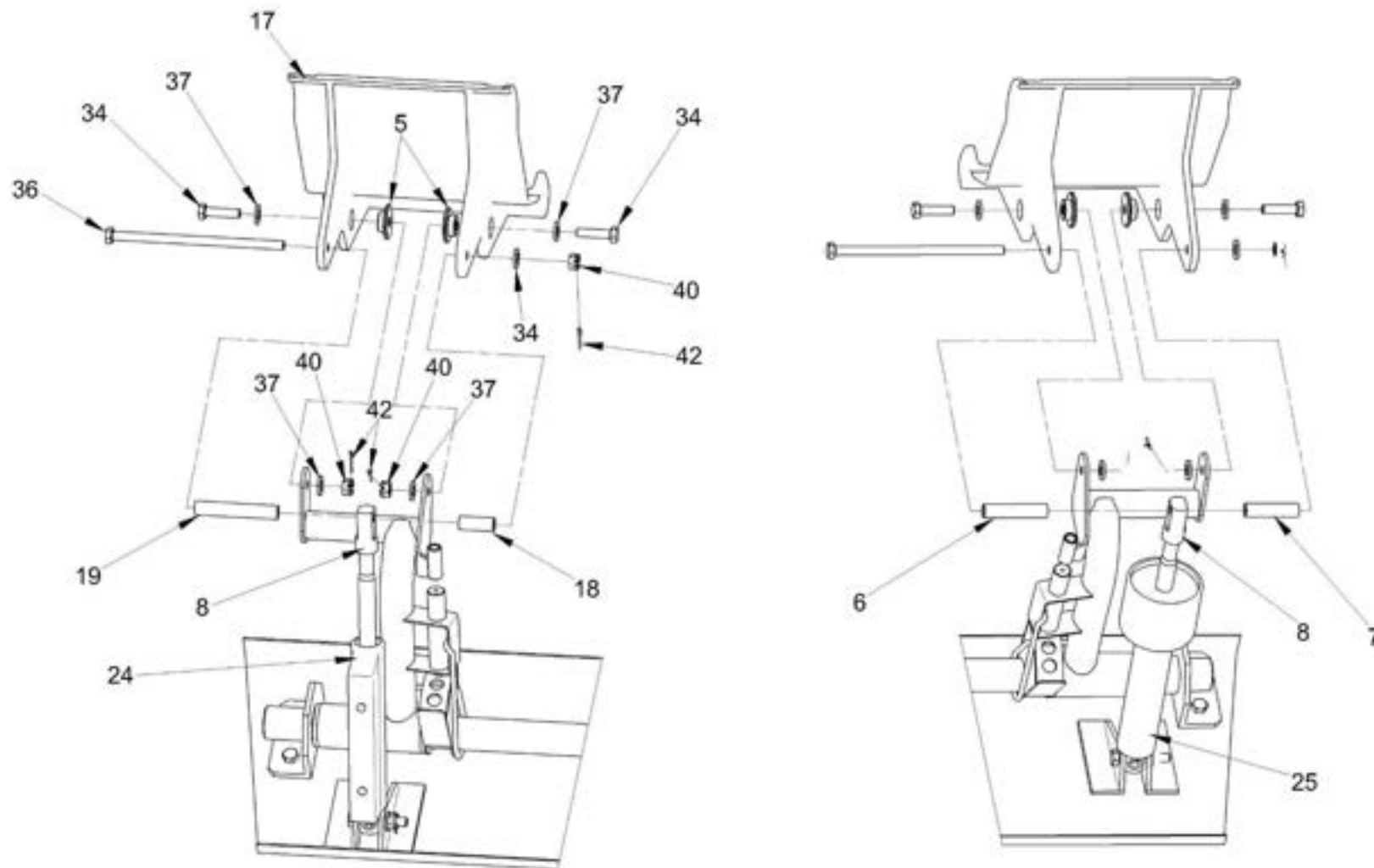


Fig. 27.20-2: Rudder pedals



PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

SECTION - 27.20

RUDDER AND TAB

[illegible]



27.20.2 Rudder Cables

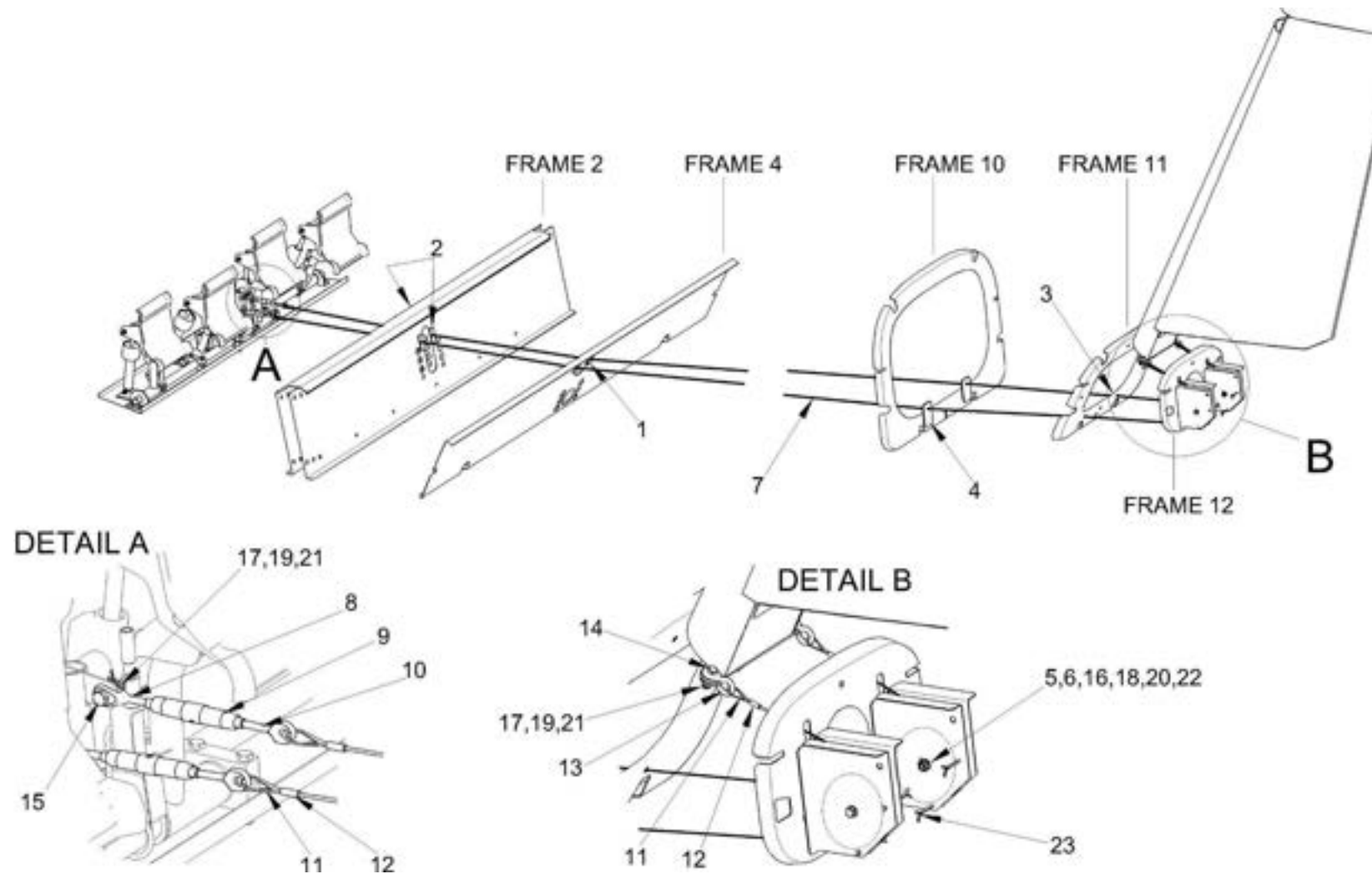


Fig. 27.20-3: Rudder cables



SECTION - 27.20

RUDDER AND TAB

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



27 FLIGHT CONTROLS

27.30 ELEVATOR AND TAB

27.30	Elevator and Tab.....	27-19
27.30.1	Elevator Control.....	27-20
27.30.2	Control Body.....	27-23



Elevator Control

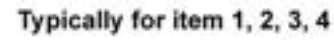


Fig. 27.30-1: Elevator control

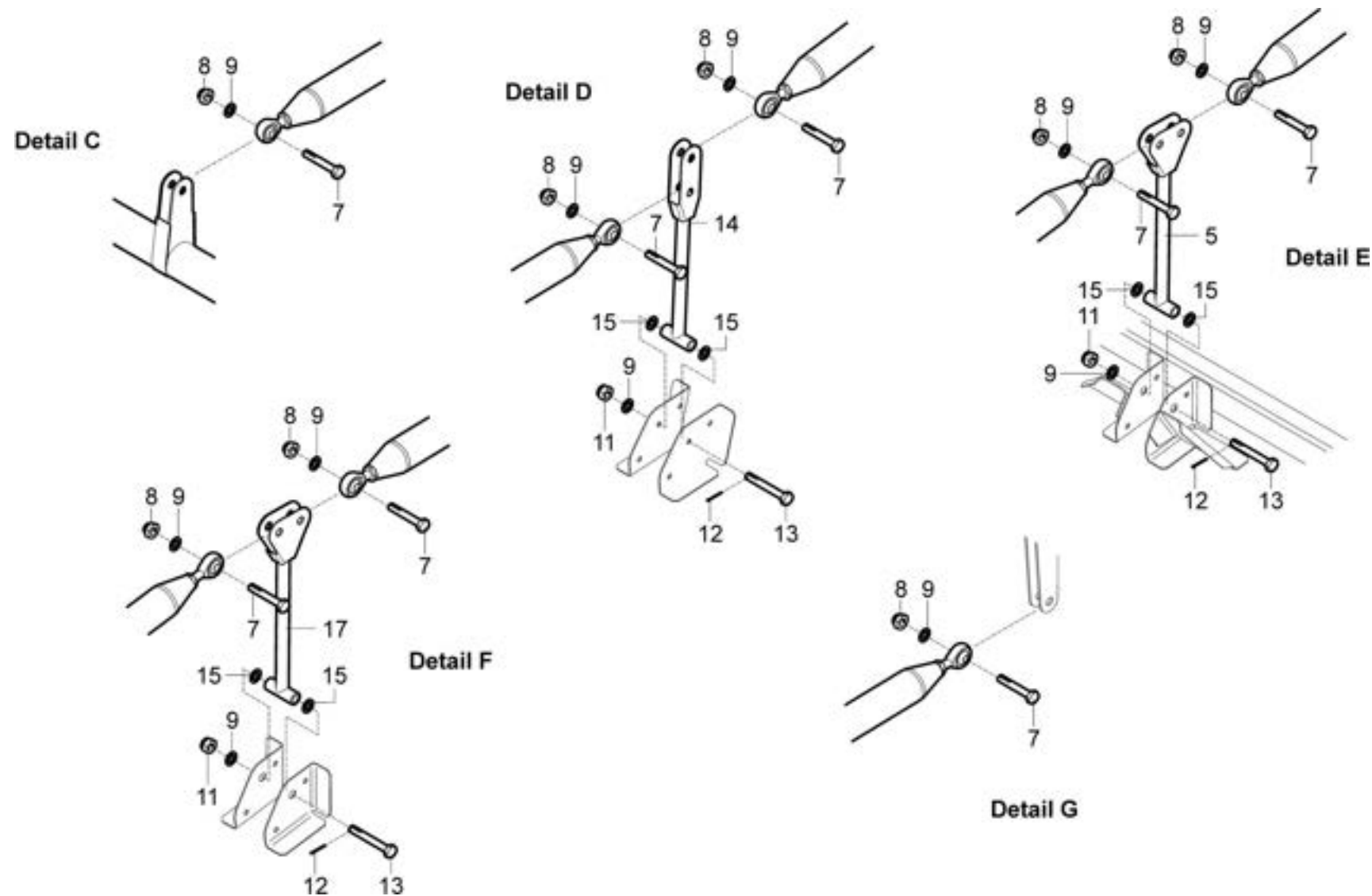


Fig. 27.30-2: Elevator control



SECTION - 27.30
ELEVATOR AND TAB

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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27.30.2 Control Body

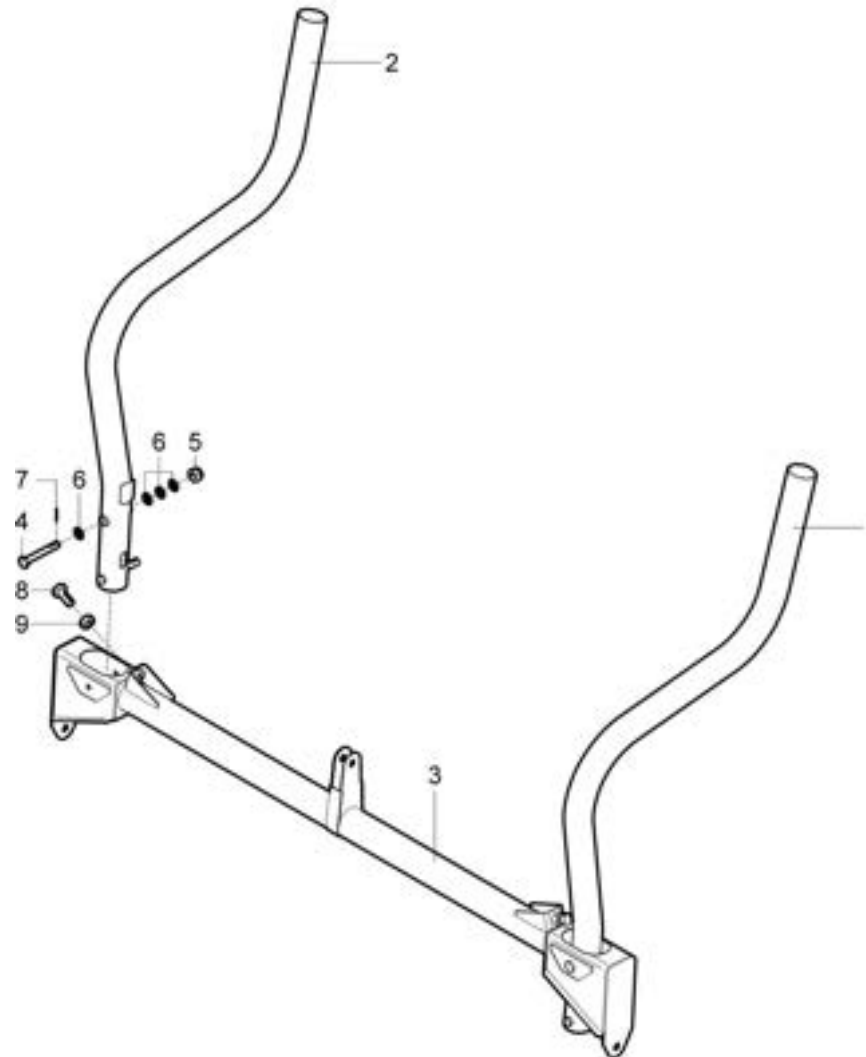


Fig. 27.30-3: Control body



SECTION - 27.30
ELEVATOR AND TAB

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



27 FLIGHT CONTROLS

27.50 FLAPS

27.50	Flaps.....	27-25
27.50.1	Flaps Control.....	27-27



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27.50.1 Flaps Control

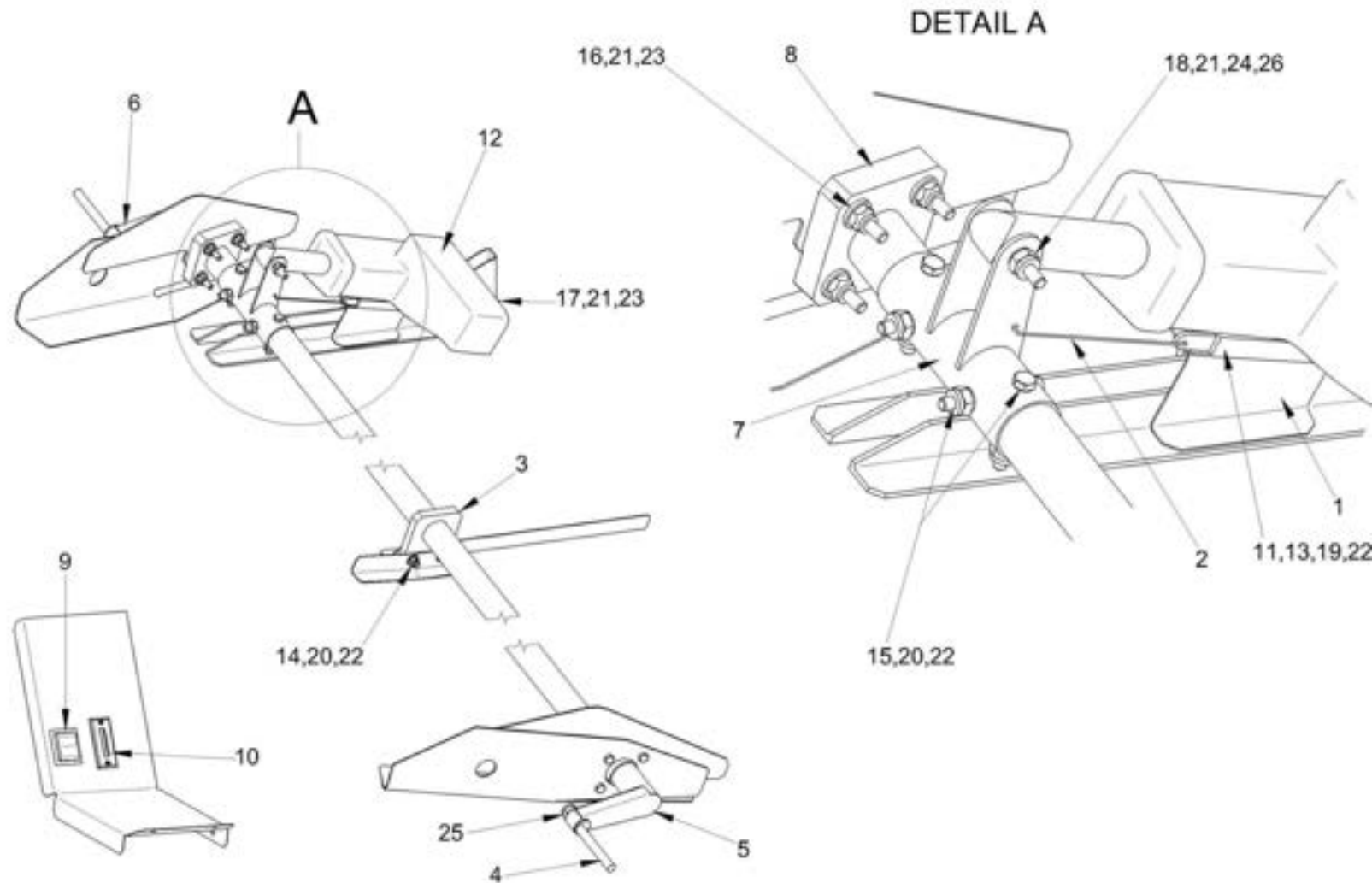


Fig. 27.50-1: Flaps control



SECTION - 27.50

FLAPS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



28 FUEL

28.10 STORAGE

28.10	Storage	28-1
28.10.1	Fuel Tank L.H.	28-3
28.10.2	Fuel Tank R.H.	28-5
28.10.3	Fuel Tank L.H.-valid since P1001100	28-7
28.10.1	Fuel Tank R.H.-valid since P1001100.....	28-9



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Fuel Tank L.H.

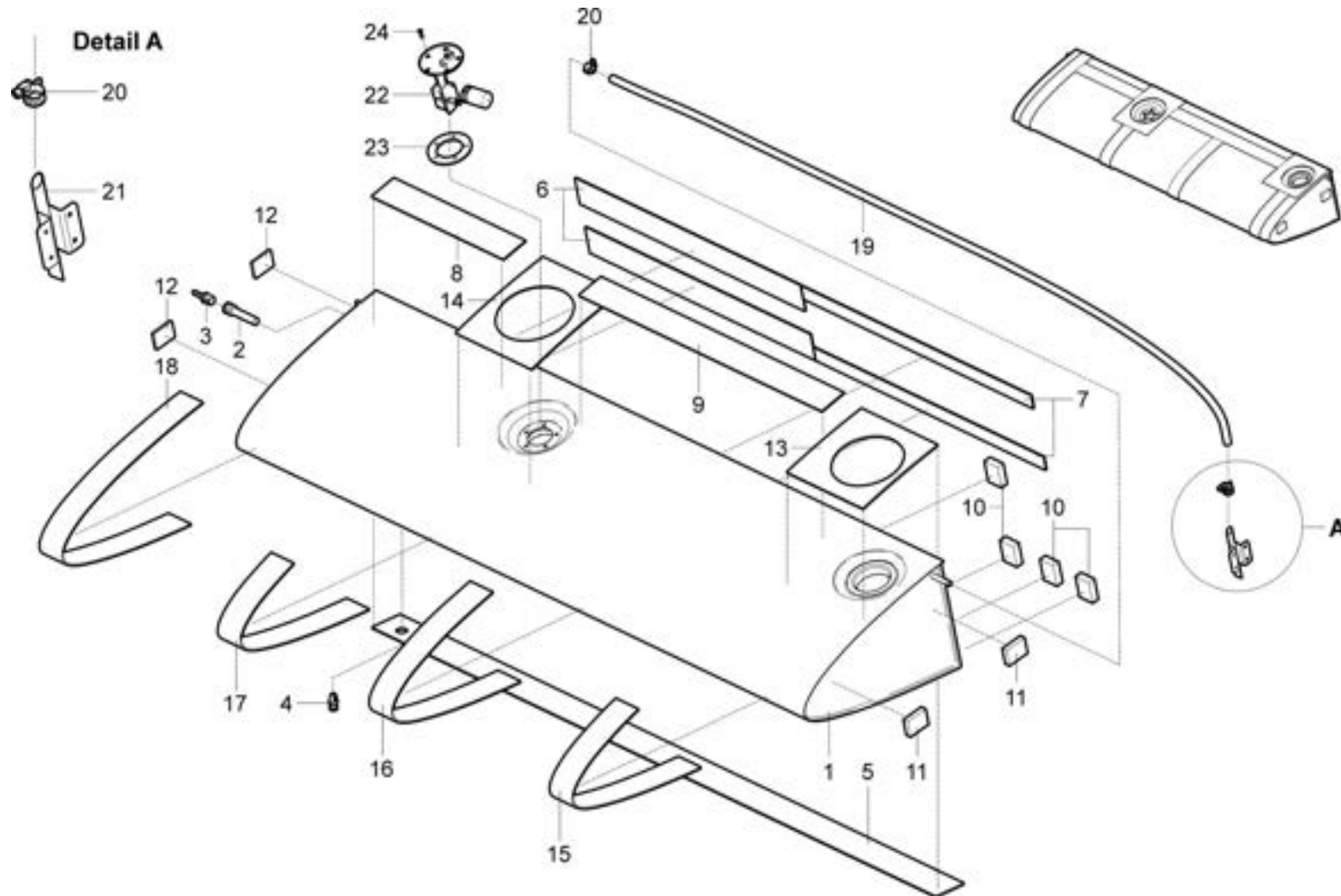


Fig. 28.10-1: Fuel tank L.H.

[illegible]



28.10.2 Fuel Tank R.H.

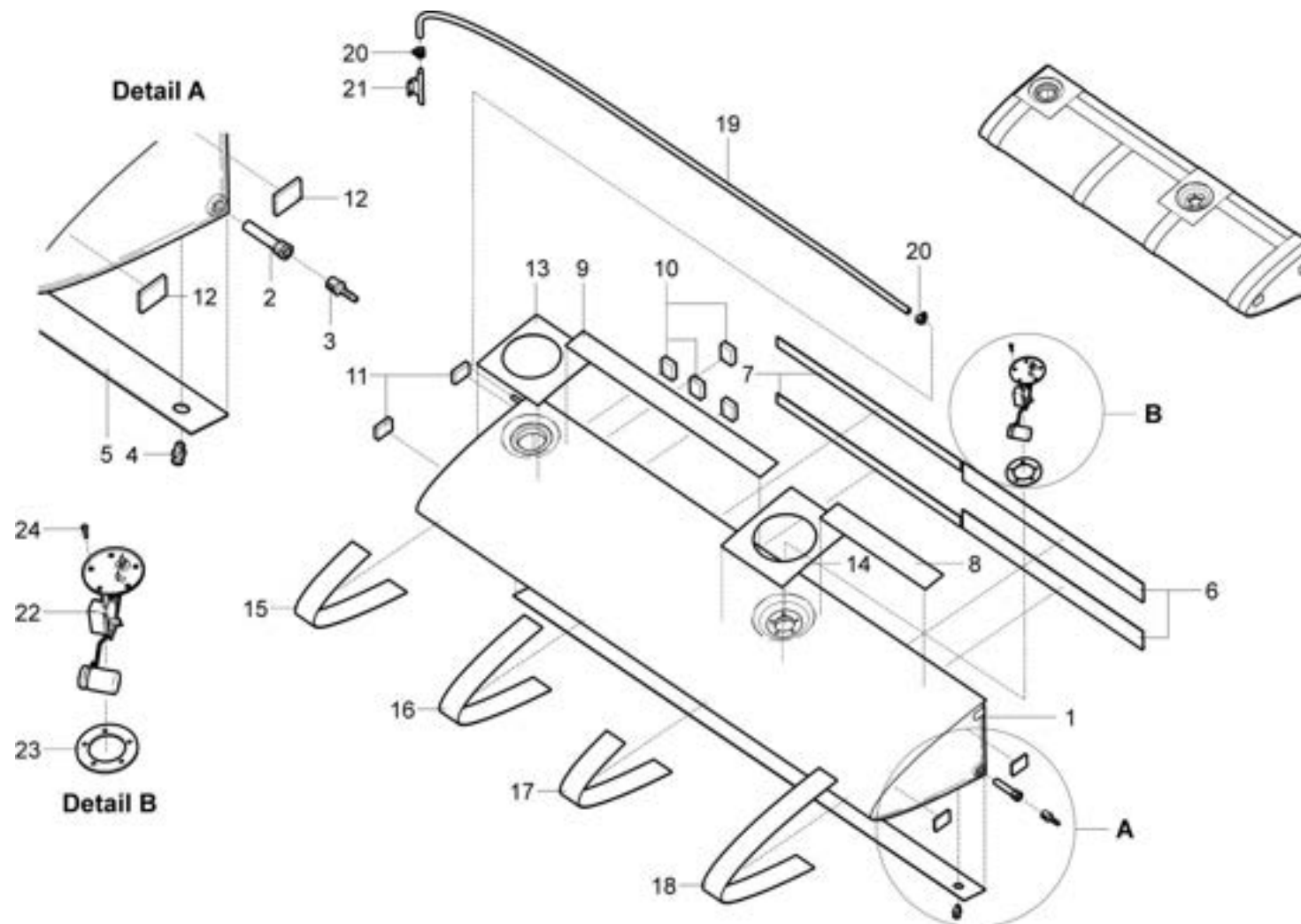


Fig. 28.10-2: Fuel tank R.H.

[illegible]



28.10.3 Fuel Tank L.H.-valid since P1001100

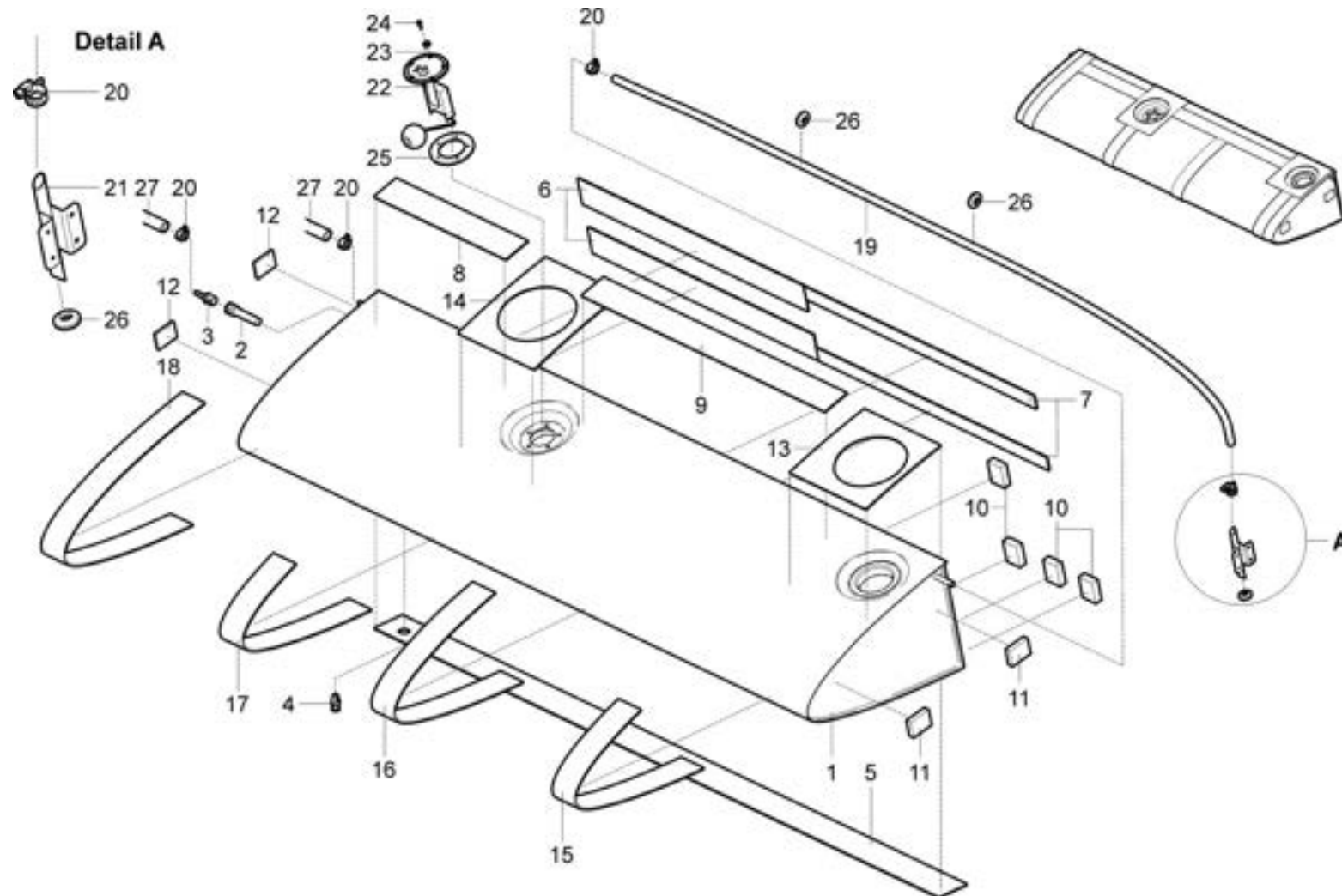


Fig. 28.10-3: Fuel tank L.H.-valid since P1001100

[illegible]



28.10.4 Fuel Tank R.H.-valid since P1001100

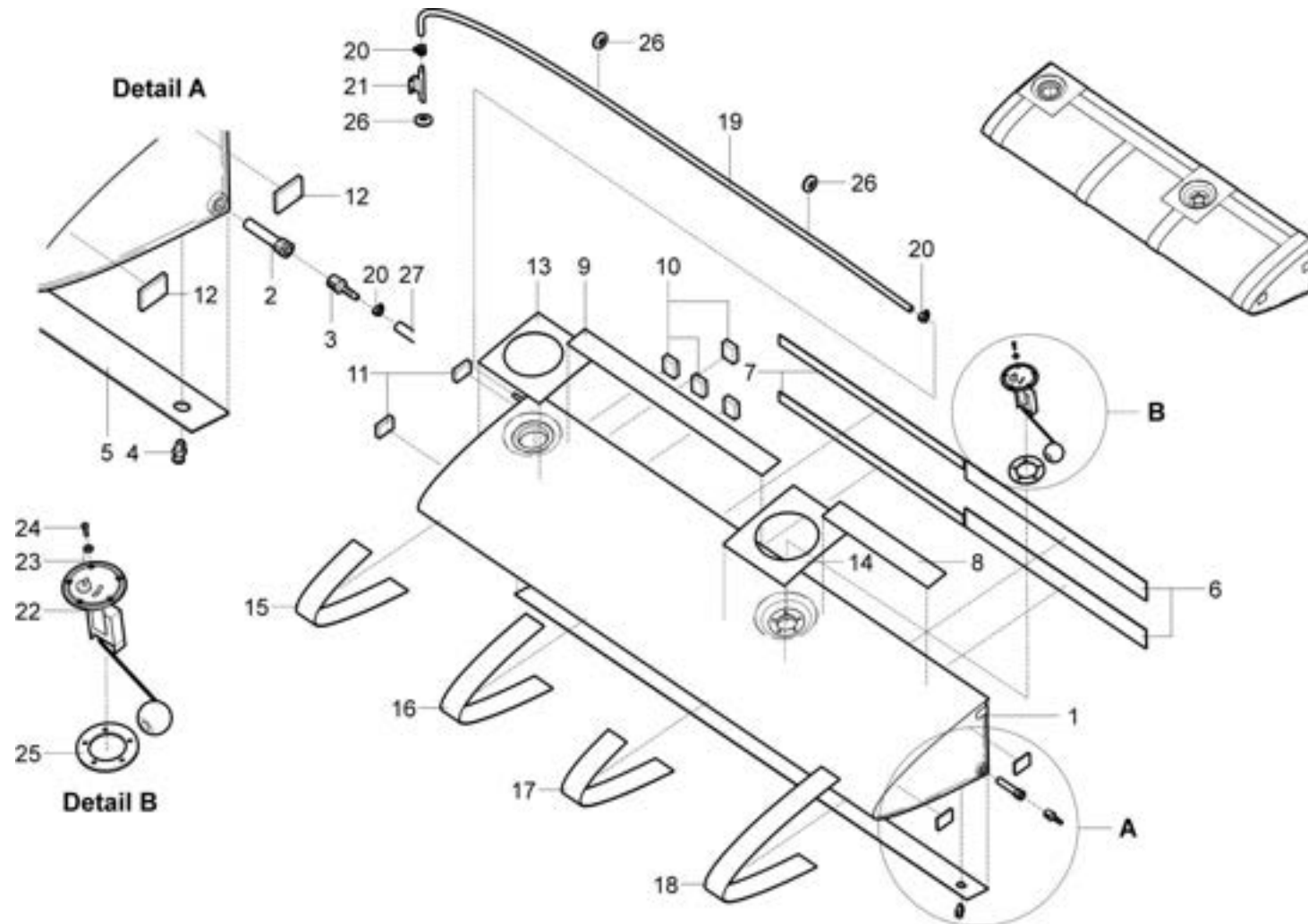


Fig. 28.10-4: Fuel tank L.H.-valid since P1001100

[illegible]



28 FUEL

28.20 DISTRIBUTION

28.20	Distribution.....	28-11
28.20.1	Fuel System	28-12
28.20.2	Fuel System-valid since P1001001	28-15
28.20.1	Fuel System (Rotax 912 ULS2 Engine, Dynon Equipment)	28-18
28.20.2	Fuel system (Rotax 912 S2 Engine, Dynon Equipment).....	28-21
28.20.3	Fuel System (Rotax 912 ULS2 Engine, Analog Instruments).....	28-24
28.20.4	Fuel System (Rotax 912 S2 Engine, Analog Instruments).....	28-27
28.20.5	Fuel System	28-30



28.20.1 Fuel System

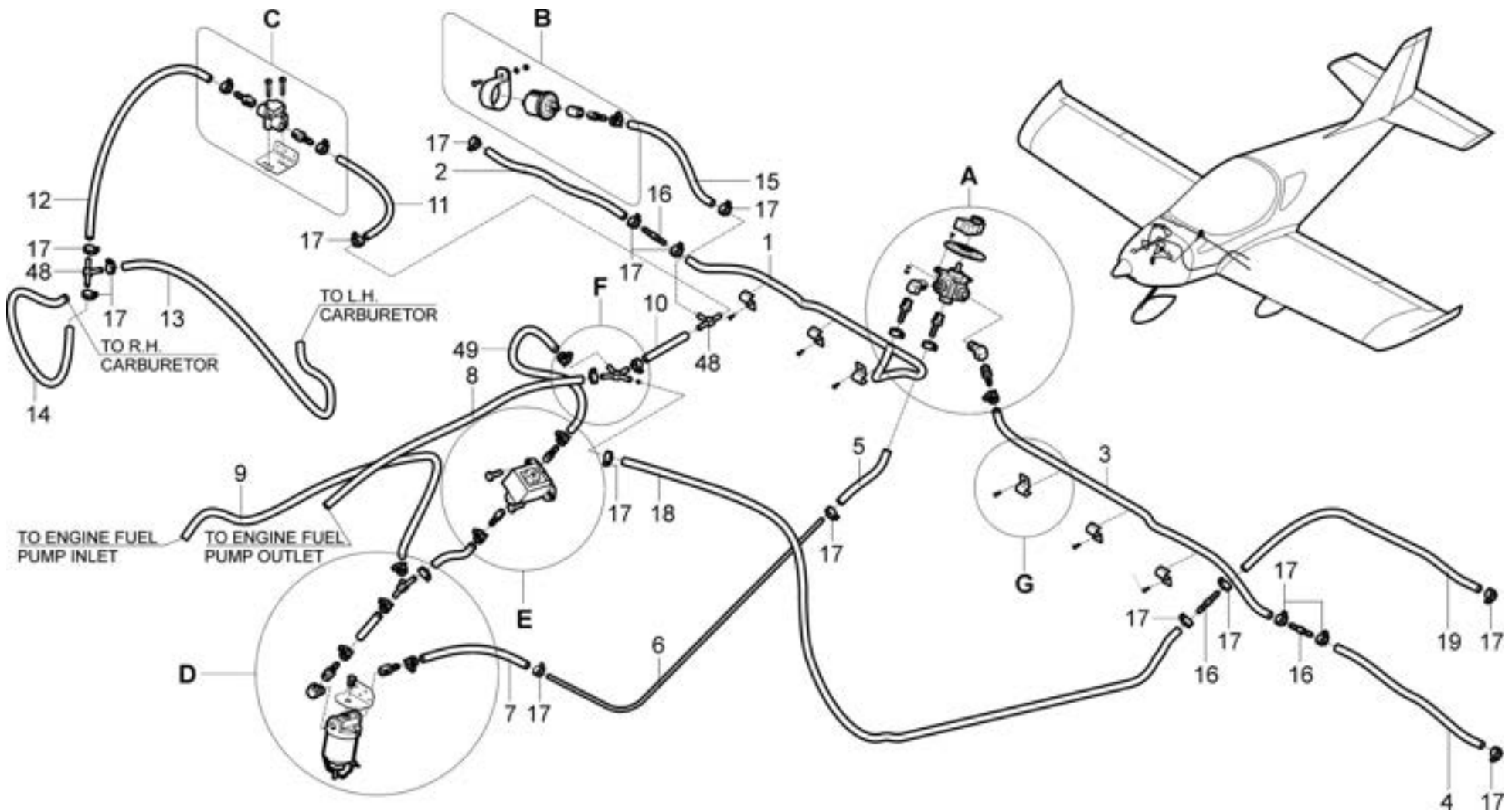


Fig. 28.20-1: Fuel system

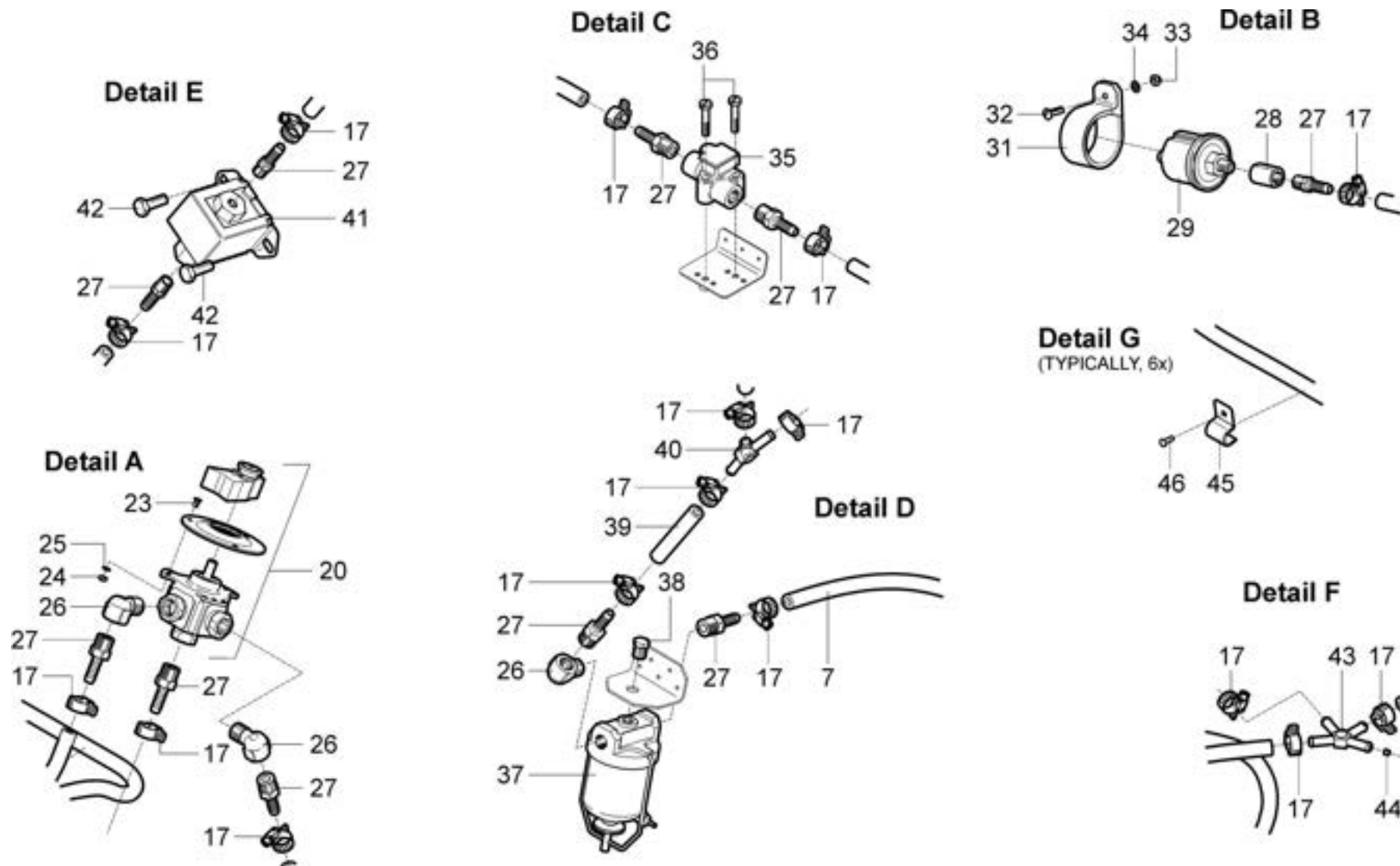


Fig. 28.20-2: Fuel system



SECTION - 28.20

DISTRIBUTION

[illegible]



28.20.2 Fuel System-valid since P1001001

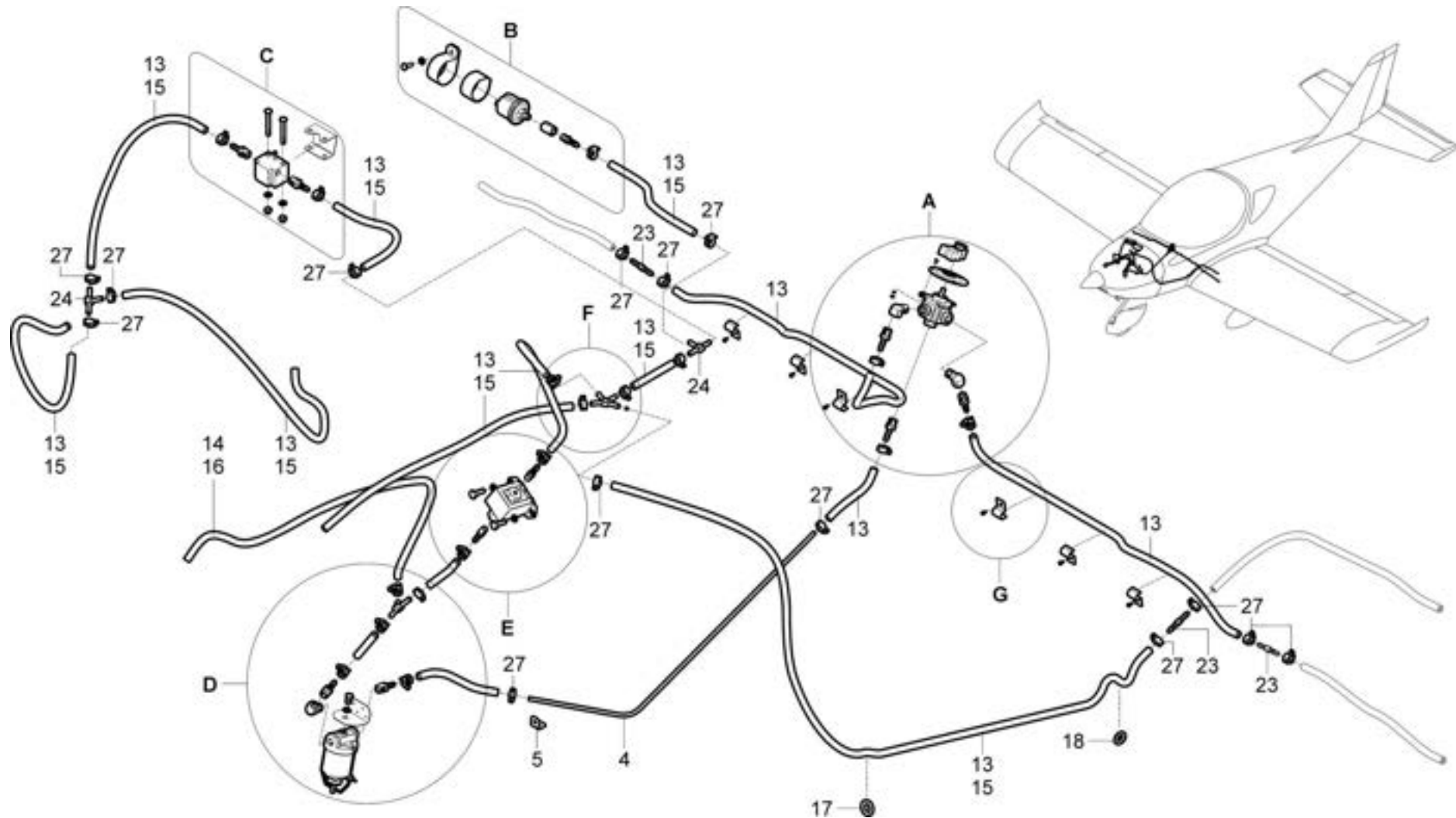


Fig. 28.20-3: Fuel system-valid since P1001001

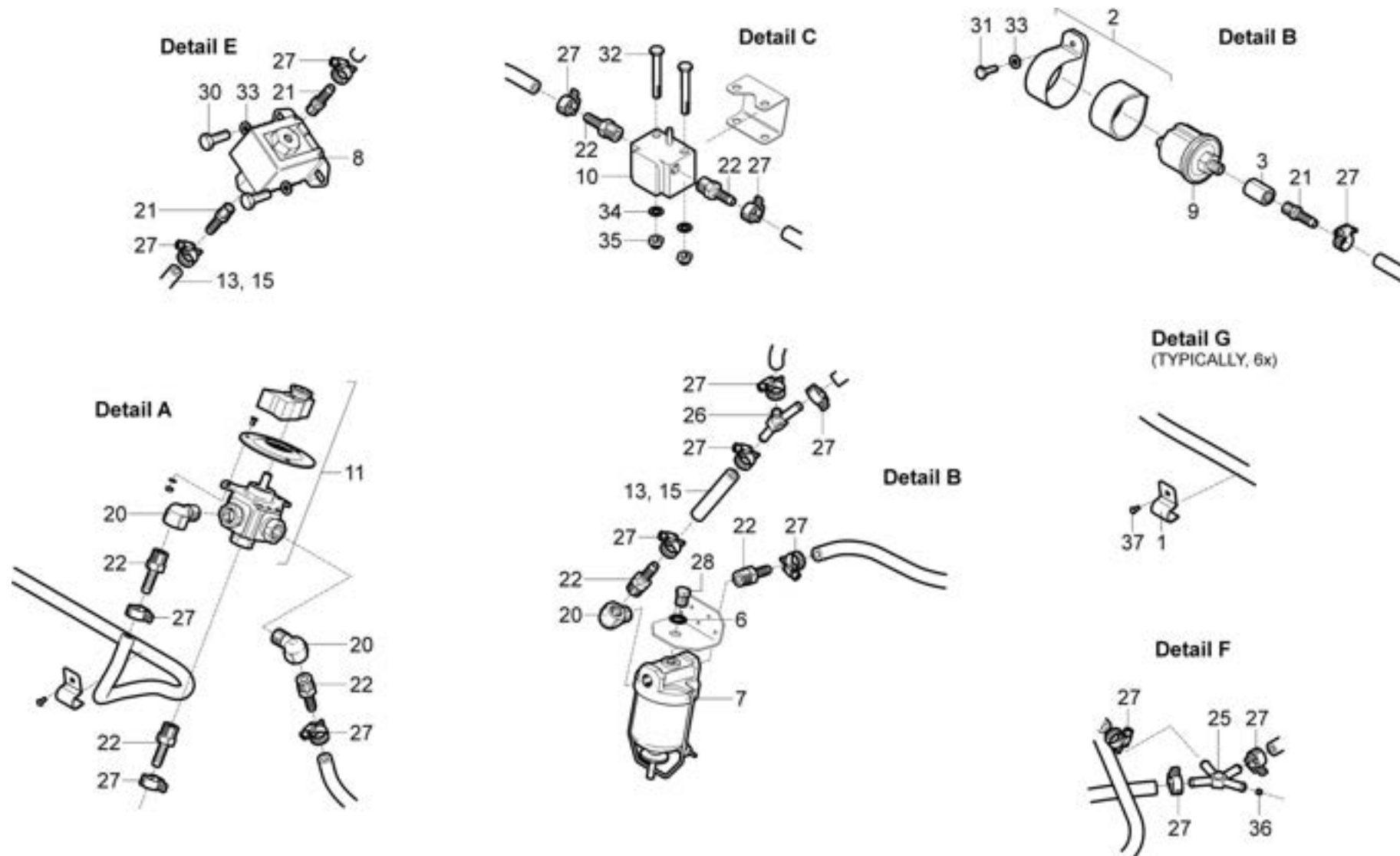


Fig. 28.20-4: Fuel system-valid since P1001001

[illegible]



28.20.3 Fuel System (Rotax 912 ULS2 Engine, Dynon Equipment)

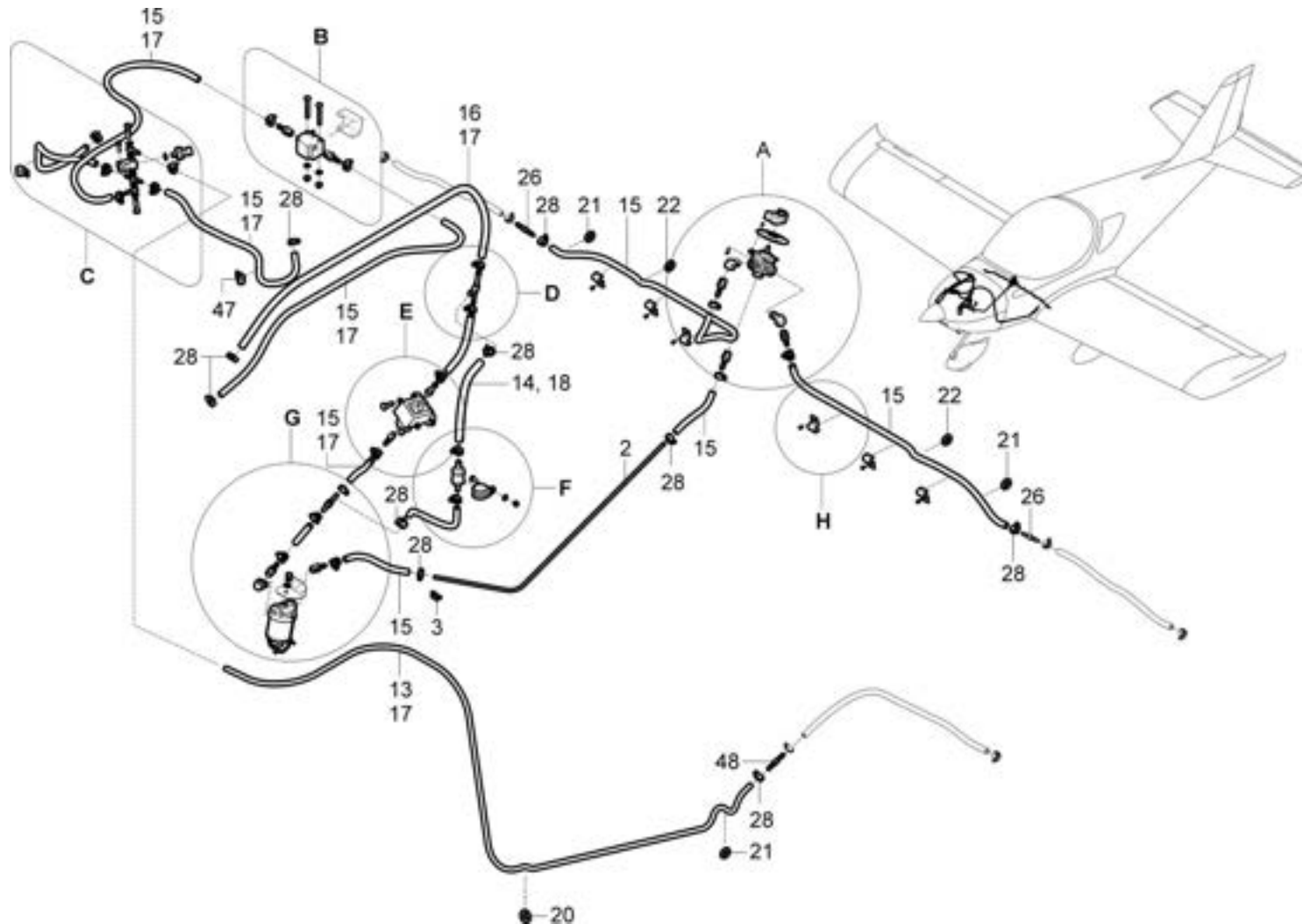


Fig. 28.20-5: Fuel system (Rotax 912 ULS2 engine, Dynon equipment)

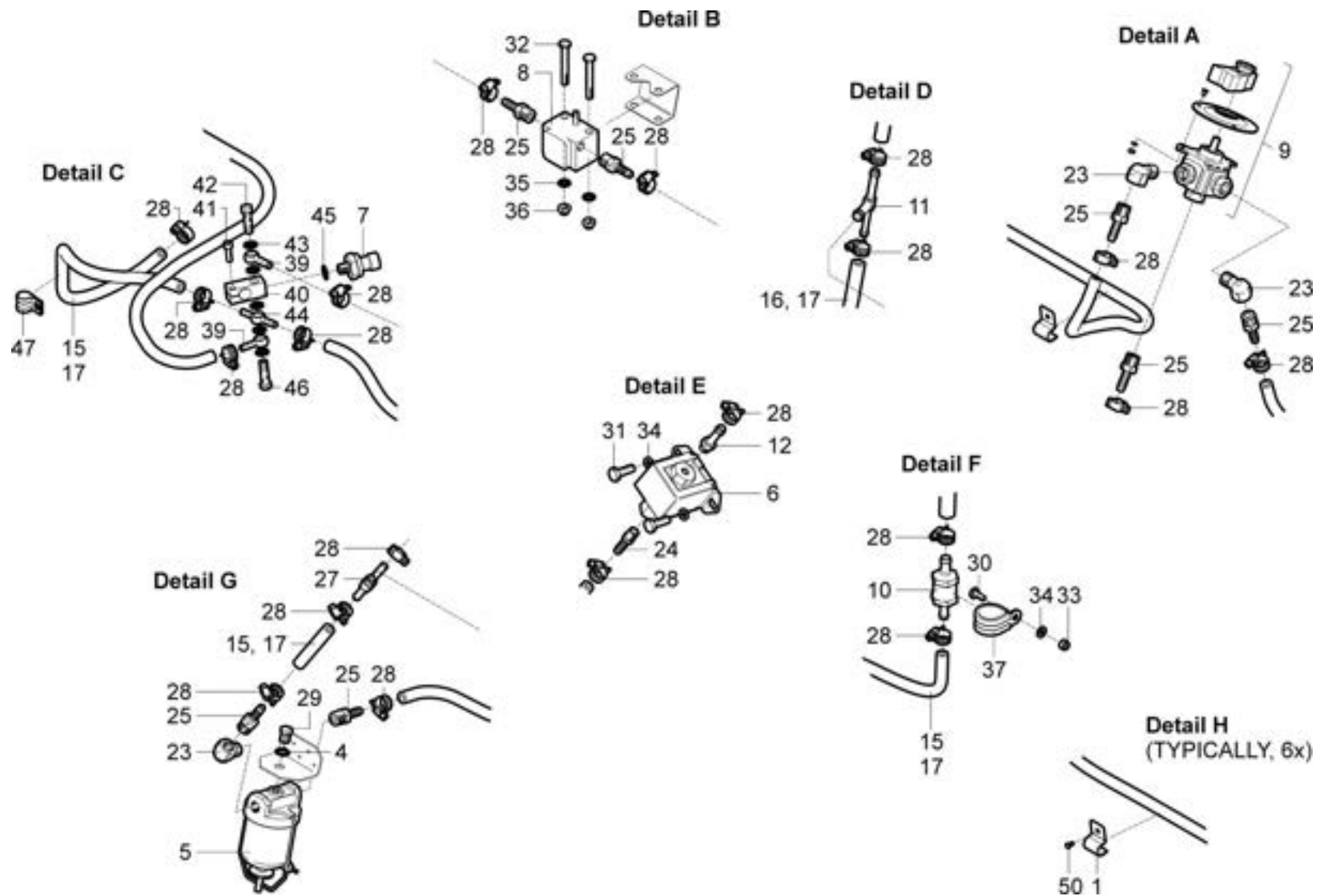


Fig. 28.20-6: Fuel system (Rotax 912 ULS2 engine, Dynon equipment)



CHAPTER - 28
FUEL

CR-IPC-1-0-00

SECTION - 28.20
DISTRIBUTION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 28.20-5, Fig. 28.20-6: Fuel system (Rotax 912 ULS2 engine, Dynon equipment)				
1	SE0039N	CLAMP	6	
2	SF0079N	TUBE	1	
3	SC0195N	CABLE BRACKET	1	
4	SE0190N	WASHER	1	
5	6401GAS1	GASCOLATOR	1	
6	3800D022	ELECTRIC FUEL PUMP	1	
7	6302FPG7	FUEL PRESSURE SENSOR	1	till S/N 669
7	6302FPG8	FUEL PRESSURE SENSOR	1	from S/N 670
8	6501DY03	FLOWMETER	1	
9	6401AND4	FUEL SELECTOR VALVE	1	
10	6401AND6	CHECK VALVE	1	
11	SE0191N	HOSE FITTING, "TEE"	1	
12	SE0192N	FITTING	1	
13	512H2206	HOSE 4/10 mm	1	length 2000 mm
14	512K2103	HOSE 9,5/16 mm	1	length 500 mm
15	512K2101	HOSE 6/12 mm	11	overall length 10000 mm
16	512K2102	HOSE 8/14 mm	2	overall length 2000 mm
17	66501001	PYROJACKET 13 mm	10	overall length 4500 mm
18	66501002	PYROJACKET 16 mm	1	length 1000 mm
19				INTENTIONALLY LEFT BLANK
20	3251A151	GROMMET 15x1	1	
21	3251A131	GROMMET 13x1	3	
22	3251A132	GROMMET 13x2	2	
23	3433L022	FITTING, ELBOW	3	
24	3423L253	FITTING	1	
25	3433L254	FITTING	7	
26	3436V002	HOSE CONNECTOR	2	
27	3800D082	HOSE FITTING, "Y"	1	
28	3330A001	HOSE CLAMP 1/4-5/8	29	
29	3436V016	PLUG	1	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
30	AN3-3A	BOLT	1	
31	AN3-4A	BOLT	2	
32	AN4-17A	BOLT	2	
33	AN365-1032	NUT	1	
34	AN960-10	WASHER	3	
35	AN960-416	WASHER	2	
36	AN365-428	NUT	2	
37	3432A806	CLAMP	1	
38				INTENTIONALLY LEFT BLANK
39	3432A814	BANJO FITTING	2	
40	3432A807	HOLDER	1	
41	DIN 912 8.8	BOLT M5x16	1	
42	3111Y124	BANJO BOLT	1	
43	CSN 02 9310.2	SEALING RING 8x14x1	5	
44	3432A811	BANJO FITTING	1	
45	CSN 02 9310.2	SEALING RING 10x14x1,5	1	
46	3111P212	BANJO BOLT	1	
47	3432A808	CLAMP	2	
48	3432A810	HOSE CONNECTOR	1	
49				INTENTIONALLY LEFT BLANK
50	3171T018	RIVET 16040412	7	
51	5110G002	TEFLON TAPE	1	length 3000 mm w/o illustration



28.20.4 Fuel system (Rotax 912 S2 Engine, Dynon Equipment)

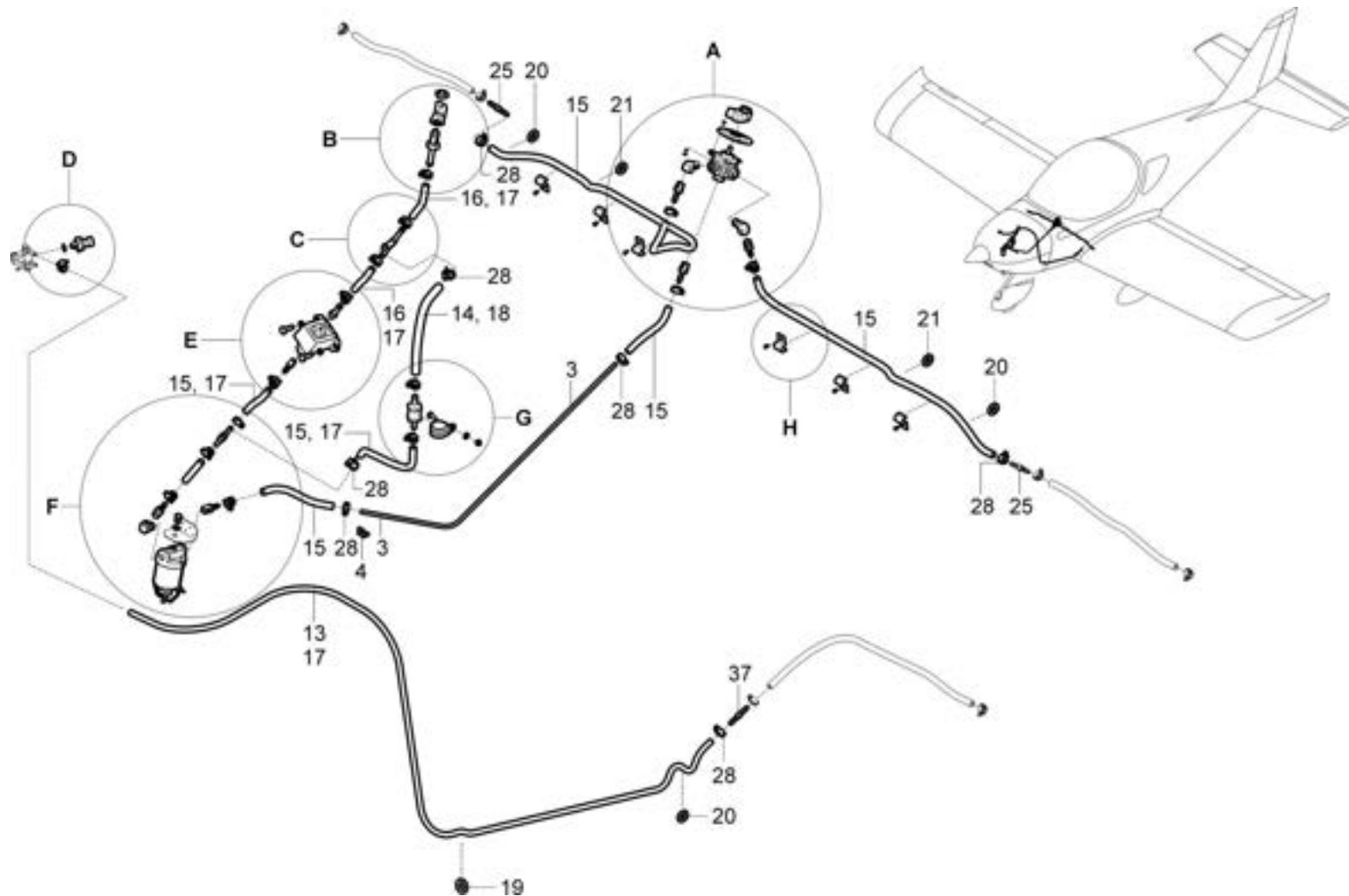


Fig. 28.20-7: Fuel system (Rotax 912 S2 engine, Dynon equipment)

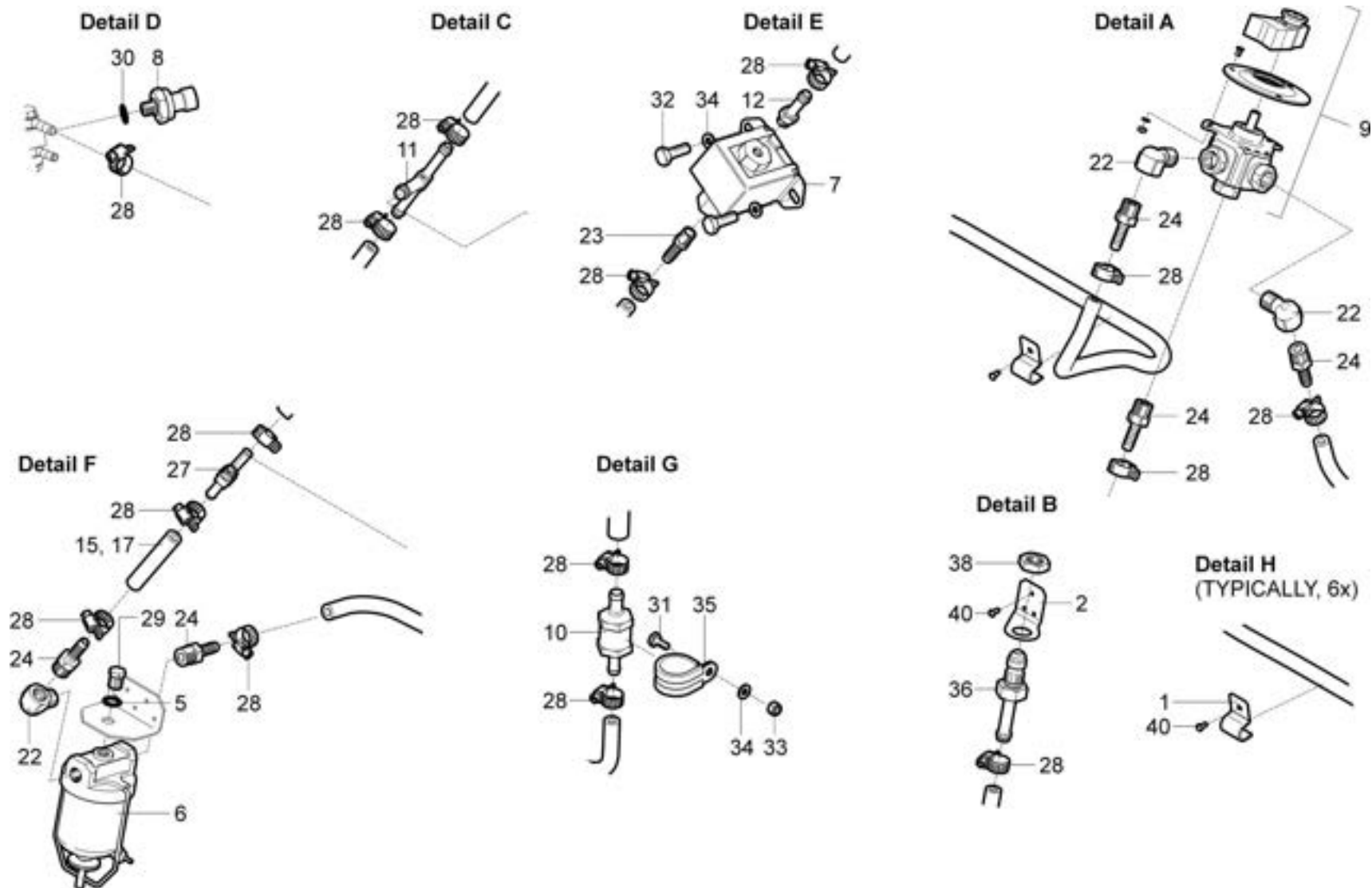


Fig. 28.20-8: Fuel system (Rotax 912 S2 engine, Dynon equipment)

[illegible]



28.20.5 Fuel System (Rotax 912 ULS2 Engine, Analog Instruments)

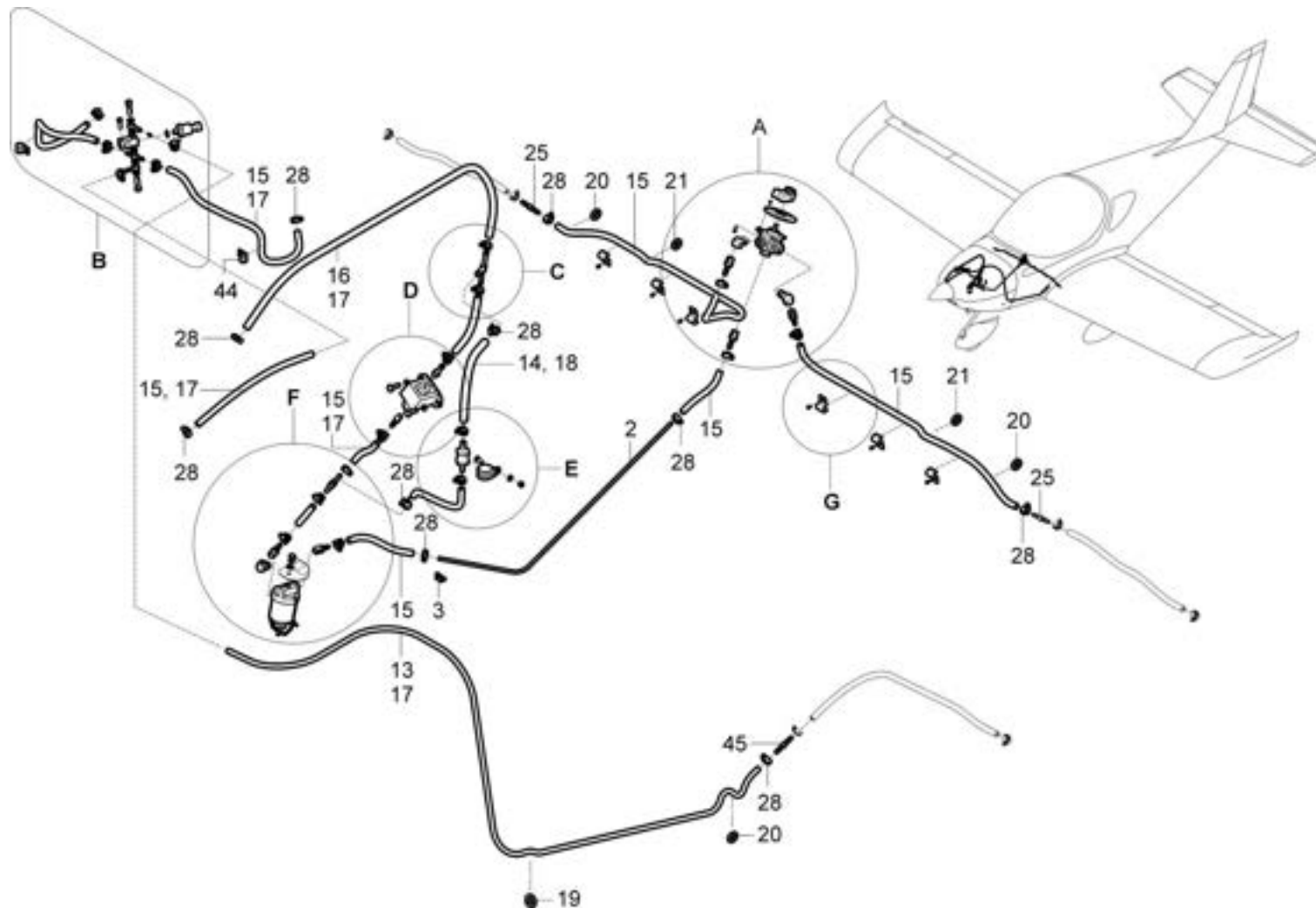


Fig. 28.20-9: Fuel system (Rotax 912 ULS2 engine, analog instruments)

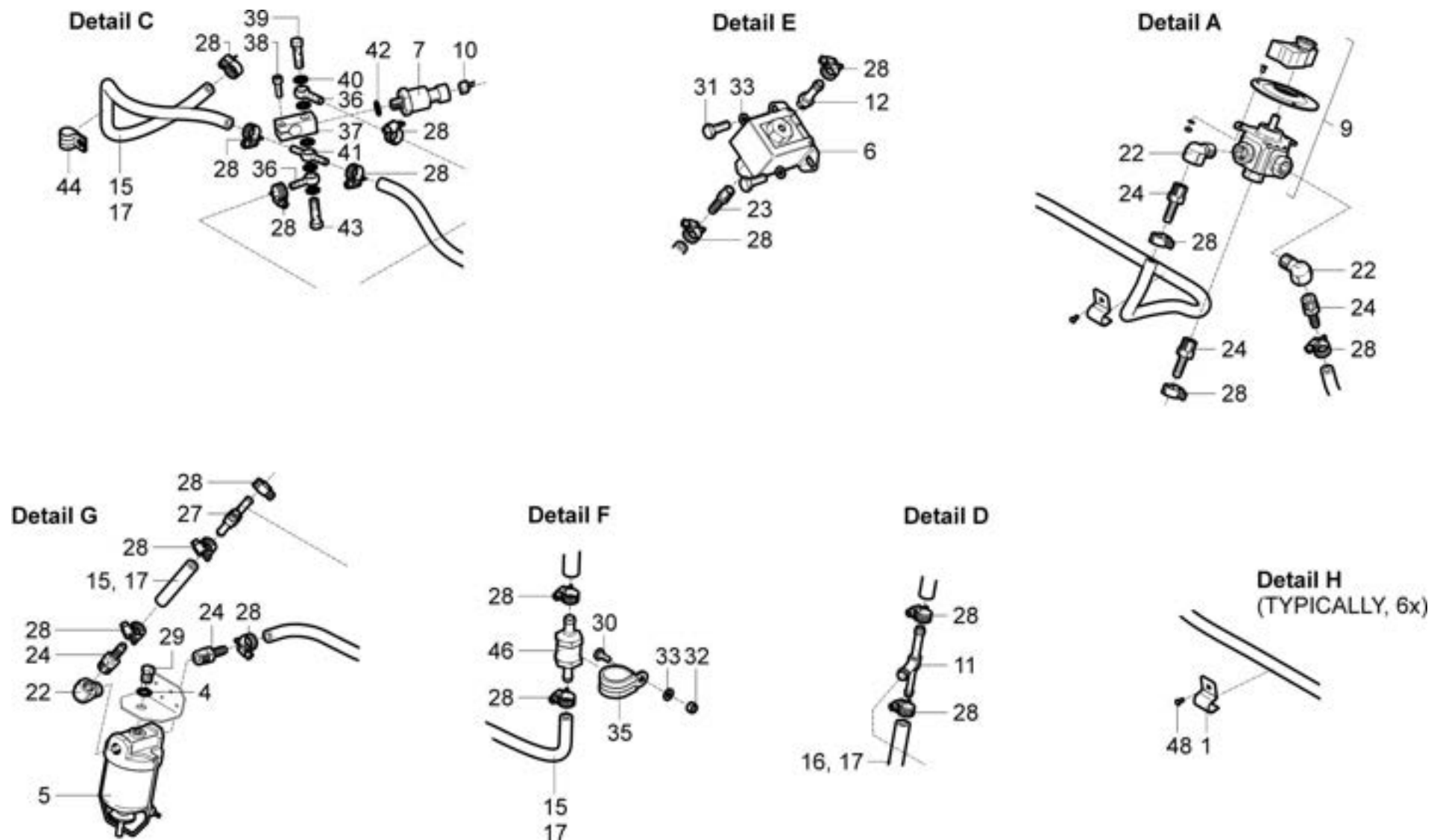


Fig. 28.20-10: Fuel system (Rotax 912 ULS2 engine, analog instruments)



SECTION - 28.20

DISTRIBUTION

[illegible]



28.20.6 Fuel System (Rotax 912 S2 Engine, Analog Instruments)

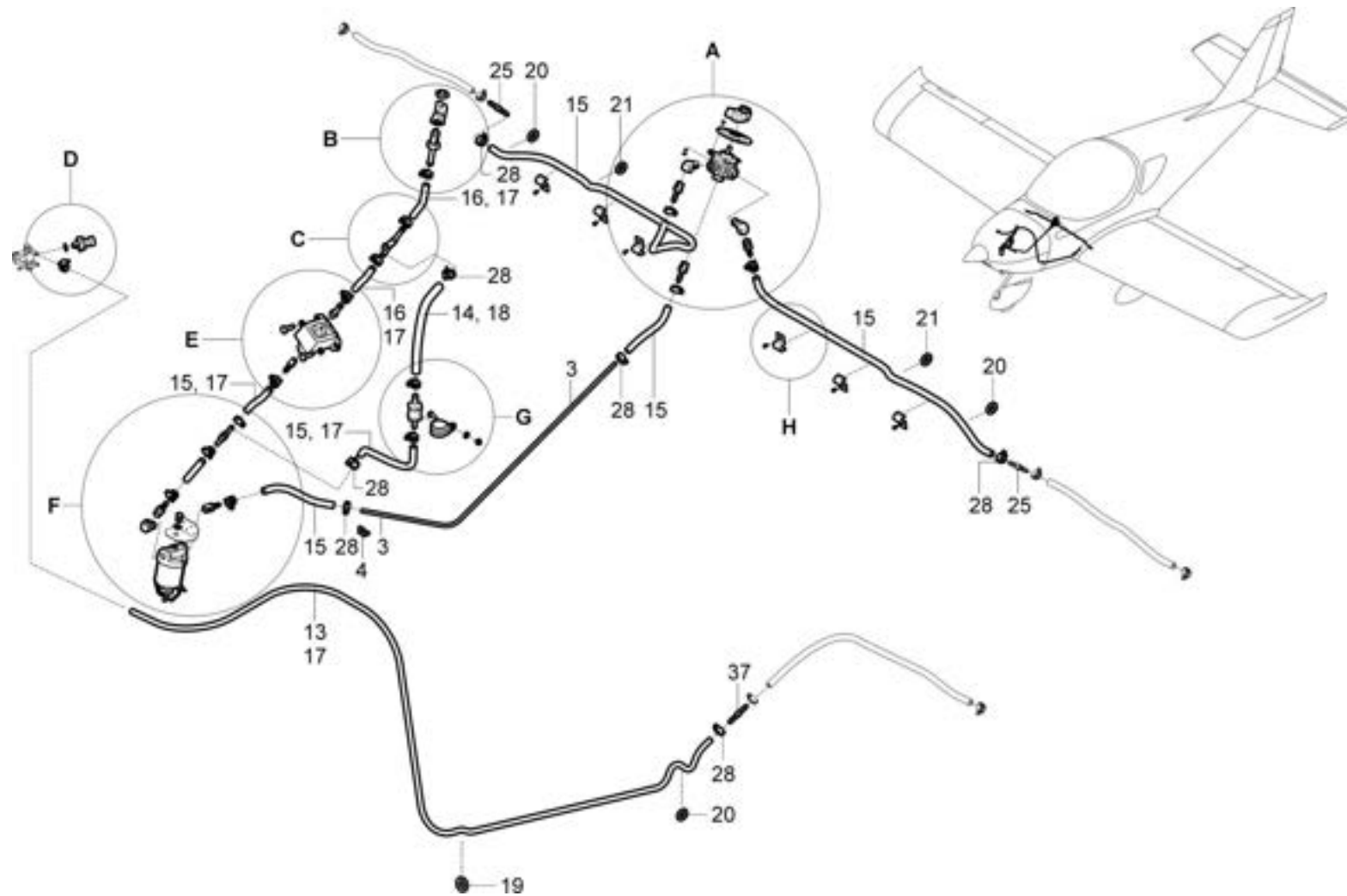


Fig. 28.20-11: Fuel system (Rotax 912 S2 engine, analog instruments)

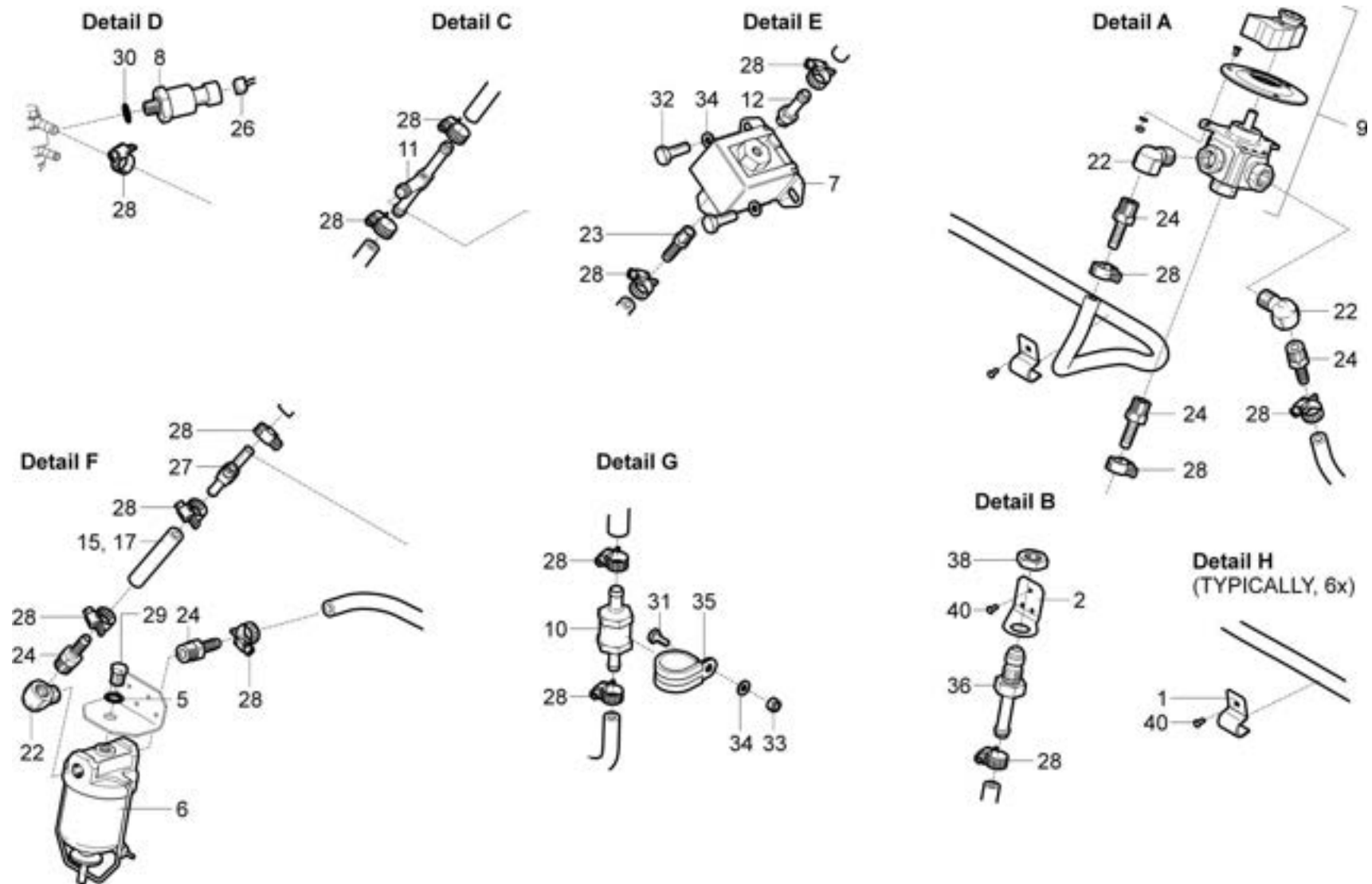


Fig. 28.20-12: Fuel system (Rotax 912 S2 engine, analog instruments)

[illegible]



28.20.7 Fuel System

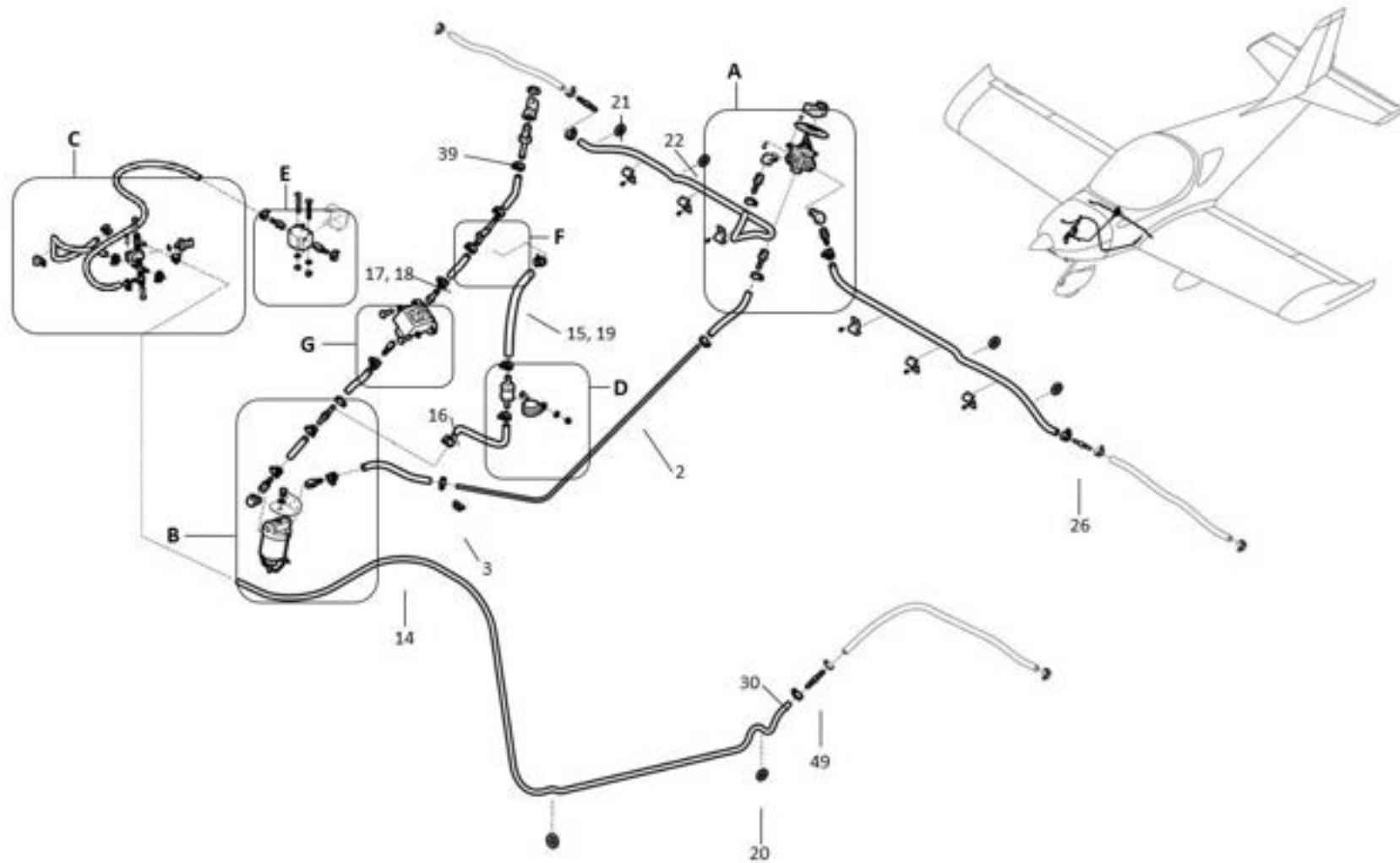


Fig. 28.20-13: Fuel system

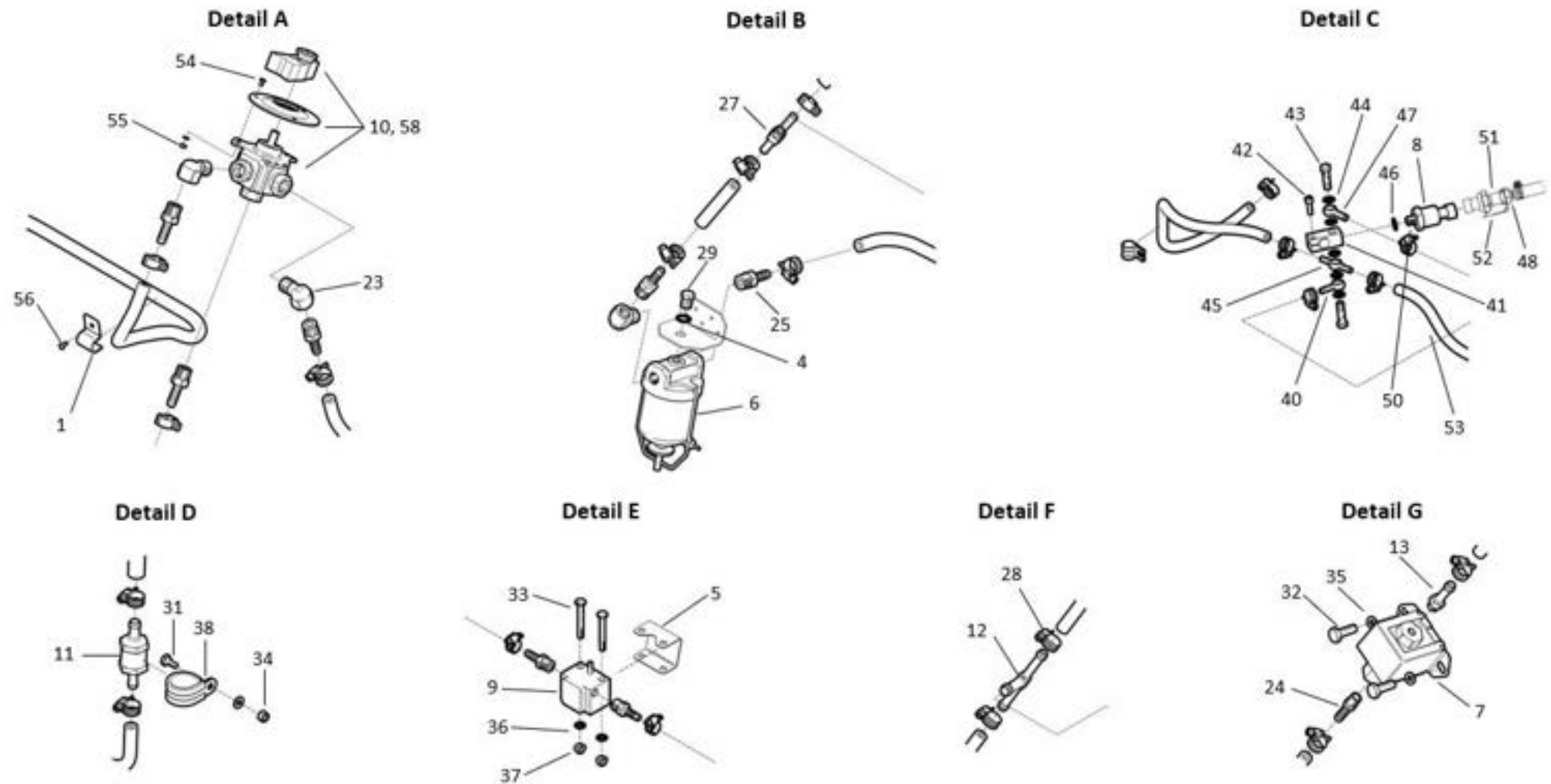


Fig. 28.20-14: Fuel system



CHAPTER - 28
FUEL

CR-IPC-1-0-00

SECTION - 28.20
DISTRIBUTION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 28.20-13, Fig. 28.20-14: Fuel system				
1	SE0039N	FUEL HOSE HOLDER	6	
2	SF0079N	FUEL HOSE	1	
3	SC0195N	CABLE BRACKET	1	
4	3131V018	WASHER	1	
5	SE0317N	FLOWMETER BRACKET	1	
6	6401GAS1	GASCOLATOR	1	
7	3800D022	ELECTRIC FUEL PUMP	1	
8	6302FPG7	FUEL PRESSURE SENSOR	1	till S/N 669
8	6302FPG8	FUEL PRESSURE SENSOR	1	from S/N 670
9	6501DY03	FLOWMETER	1	
10	6401AND4	FUEL SELECTOR VALVE	1	
11	6401AND6	CHECK VALVE	1	
12	SE0191N	HOSE FITTING, "TEE"	1	
13	SE0192N	FITTING	1	
14	512H2206	HOSE 4/10 mm	1	length 2000 mm
15	512K2103	HOSE 9,5/16 mm	1	length 300 mm
16	512K2101	HOSE 6/12 mm	1	length 7000 mm
17	512K2102	HOSE 8/14 mm	1	length 2500 mm
18	66501001	PYROJACKET 13 mm	1	length 4500 mm
19	66501002	PYROJACKET 16 mm	1	length 1500 mm
20	3251A151	GROMMET 15x1	1	
21	3251A131	GROMMET 13x1	3	
22	3251A132	GROMMET 13x2	2	
23	3433L022	FITTING, ELBOW	3	
24	3423L253	FITTING	1	
25	3433L254	FITTING	7	
26	3436V002	HOSE CONNECTOR	2	
27	3800D082	HOSE FITTING, "Y"	1	
28	3330A001	HOSE CLAMP 1/4-5/8	29	
29	3436V016	PLUG	1	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
30	3330A034	HOSE CLAMP COBRA	1	
31	AN3-3A	BOLT	1	
32	AN3-4A	BOLT	3	
33	AN4-17A	BOLT	2	
34	AN365-1032	NUT	1	
35	AN960-10	WASHER	3	
36	AN960-416	WASHER	2	
37	AN365-428	NUT	2	
38	3432A806	CLAMP	1	
39	3800D084	HOSE FITTING, "TEE"	1	
40	3432A815	BANJO FITTING	1	
41	3432A807	HOLDER	1	
42	3111Y123	BOLT	1	
43	3111Y124	BANJO BOLT	1	
44	512K3513	SEALING RING	4	
45	3432A814	BANJO FITTING	1	
46	512K3512	SEALING RING	1	
47	3432A817	BANJO BOLT	1	
48	AN924-4D	NUT	1	
49	3432A810	HOSE CONNECTOR	1	
50	SE0198N	FITTING 1/4	1	
51	SE0199N	FITTING 1/4	1	
52	SE0189N	FUEL PRESSURE SENSOR BRACKET	1	
53	512K2405	ROTAX HOSE	1	
54	3111K208	BOLT	3	
55	3121I205	NUT	3	
56	3171T018	RIVET	15	
57	4310A002	LOCTITE 221	1	5 g
58	3171T038	RIVET	6	



31 INDICATING / RECORDING SYSTEMS

31.40 COMPUTERS

31.40	Computers.....	31-1
31.40.1	SkyView System Installation.....	31-3
31.40.2	Installation of SkyView System with Onde Display and One ADAHRS	31-7
31.40.1	SkyView ADSB Module Installation	31-11
31.40.2	SkyView Secondary ADAHRS Installation	31-13



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31.40.1 SkyView System Installation

NOTE:
Displays of the SkyView system
are mentioned in Chapter 39.

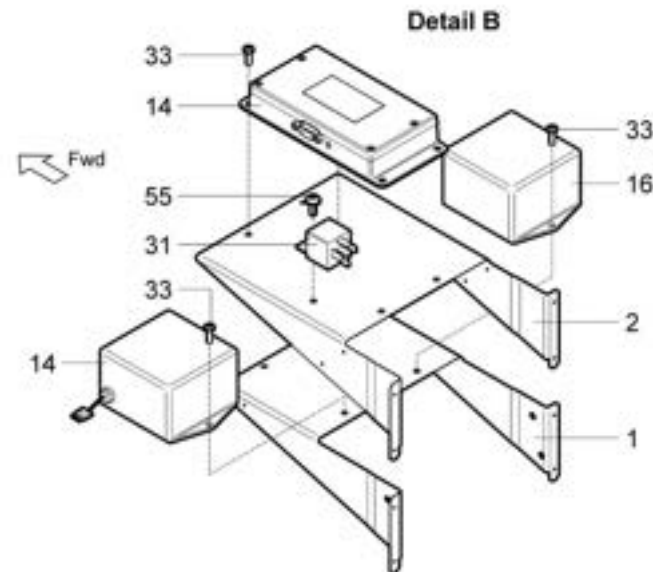
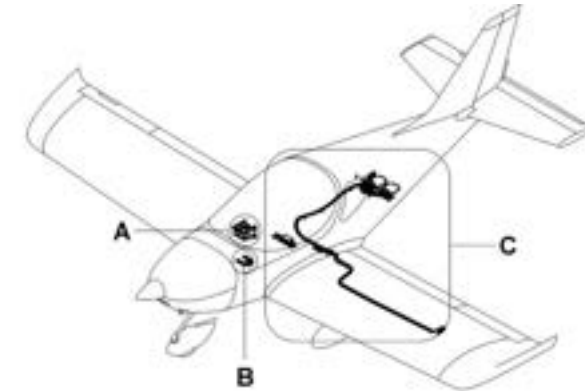
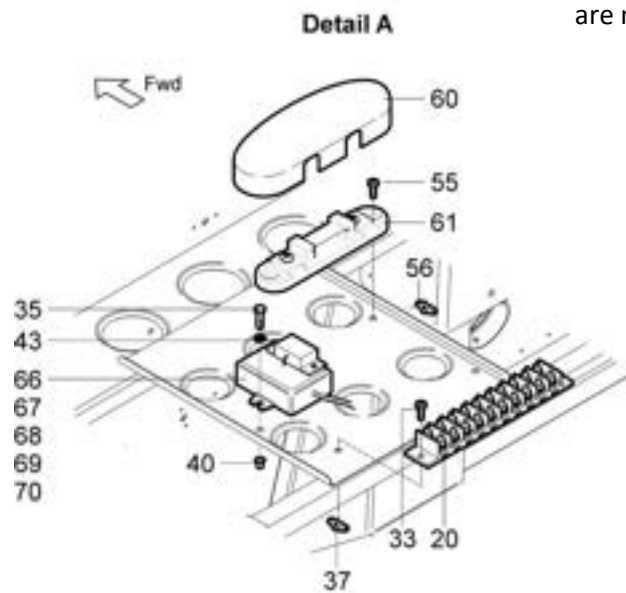


Fig. 31.40-1: SkyView system installation

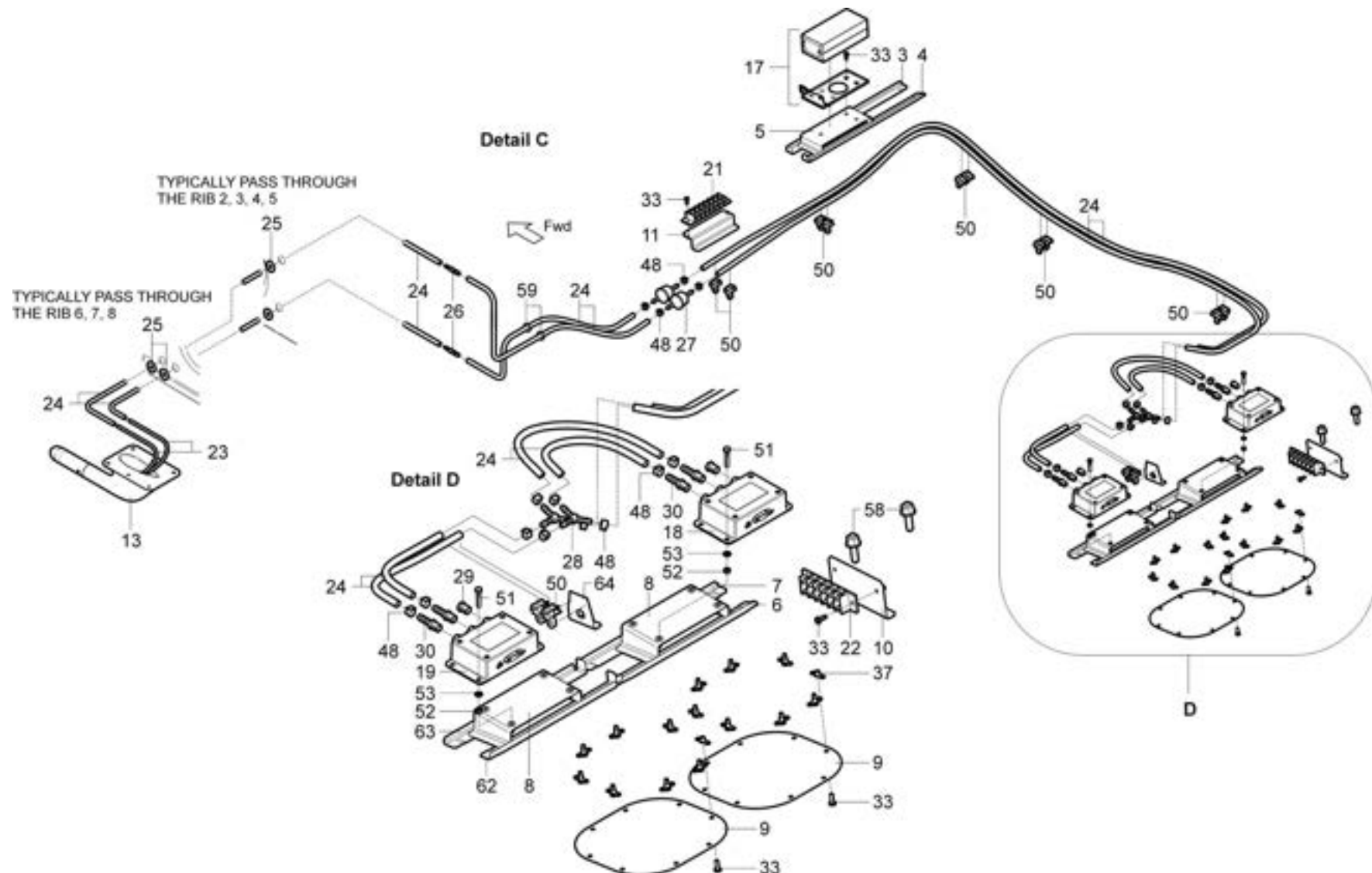


Fig. 31.40-2: SkyView system installation



CHAPTER - 31
INDICATING / RECORDING SYSTEMS

CR-IPC-1-0-00

SECTION - 31.40
COMPUTERS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 31.40-1, Fig. 31.40-2: SkyView system installation				
1	CI0131N	BRACKET LOWER ASSY	1	
2	CI0133N	BRACKET UPPER ASSY	1	
3	CI0135L	ANGLE 1	1	
4	CI0135P	ANGLE 1	1	
5	CI0136N	OMEGA 1 ASSY	1	
6	CI0138N	ANGLE 2	1	
7	CI0139N	ANGLE 2	1	
8	CI0140N	OMEGA ASSY	1	
9	CI0142N	COVER	2	
10	CI0143N	BRACKET 1 ASSY	1	
11	CI0145N	BRACKET 2 ASSY	1	
12				INTENTIONALLY LEFT BLANK
13	SW0177N	PITOT TUBE ASSY	1	
14	SV-EMS-220	EMS	1	
15	SV-BAT-320	BACKUP BATTERY	1	
16	SV-BAT-320	BACKUP BATTERY	1	
17	SV-XPDR-261	TRANSPONDER	1	
18	ADAHRS-201	ADAHRS, PRIMARY	1	
19	ADAHRS-200	ADAHRS, SECONDARY	1	
20	SV-010-01	TERMINAL BOX, 10 PIN	1	
21	SV-007-01	TERMINAL BOX, 7 PIN	1	
22	SV-006-01	TERMINAL BOX, 6 PIN	1	
23	0095004	HOSE 4x1,5	1	length 1000 mm
24	512H2201	HOSE 6x1,5	1	length 14000 mm
25	CSN 63 3881.3	GROMMET 11x1	14	
26	0690006	CONNECTOR GS6	2	
27	3539A003	DRAIN SUMP PS 842	2	
28	0695006	CONNECTOR YS6	2	
29	3436V016	PLUG 121-A	2	
30	3423L253	FITTING 125-4A	4	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
31	NVF4-2C-Z40A FRC2C-DC12	RELAY 12V	1	replacement
32				INTENTIONALLY LEFT BLANK
33	MS35206-245	SCREW	22	
34				INTENTIONALLY LEFT BLANK
35	DIM 933, ZB	SCREW M4x12	2	
36				INTENTIONALLY LEFT BLANK
37	MS21047-08K	ANCHOR NUT	14	
38				INTENTIONALLY LEFT BLANK
39				INTENTIONALLY LEFT BLANK
40	3121V006	ANCHOR NUT M4	2	
41				INTENTIONALLY LEFT BLANK
42				INTENTIONALLY LEFT BLANK
43	DIN 125, ZB	WASHER 4	2	
44				INTENTIONALLY LEFT BLANK
45				INTENTIONALLY LEFT BLANK
46				INTENTIONALLY LEFT BLANK
47				INTENTIONALLY LEFT BLANK
48	3330A019	HOSE CLAMP COBRA	16	
49				INTENTIONALLY LEFT BLANK
50	3331A009	HOLDER LHMS-S5-C	13	
51	DIN 933	SCREW M4x25	8	
52	DIN 934	NUT M4, BRASS	8	
53	DIN 125	WASHER 4, BRASS	8	
54				INTENTIONALLY LEFT BLANK
55	AN525-10R7	SCREW	3	
56	AN366F-1032	ANCHOR NUT	2	
57				INTENTIONALLY LEFT BLANK
58	SV-OAT-340	OAT PROBE	2	
59	CSN 63 3881.3	GROMMET 9x1	2	
60	SI0059N	COVER	1	



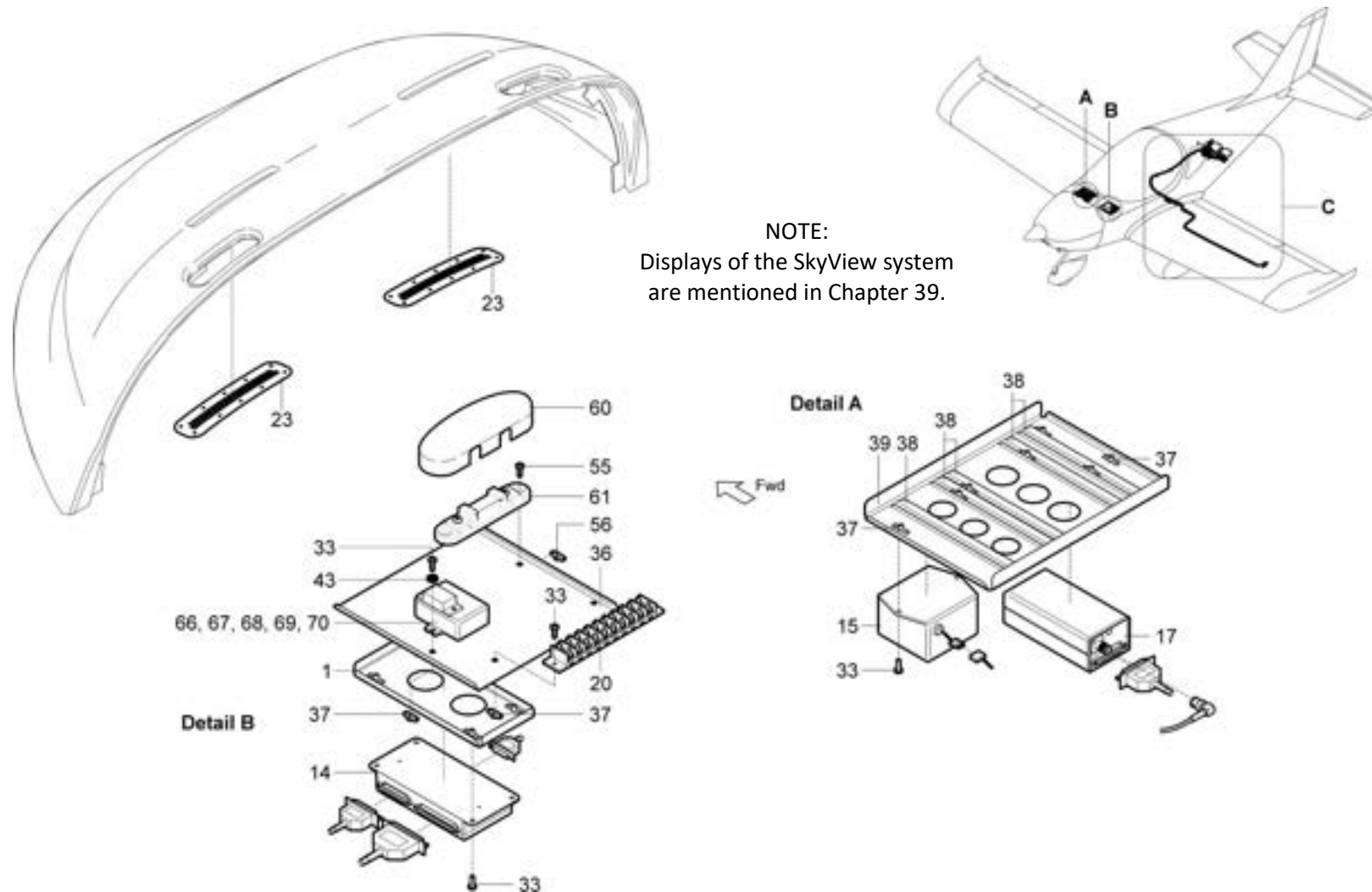
SECTION - 31.40
COMPUTERS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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31.40.2 Installation of SkyView System with Onde Display and One ADAHRS



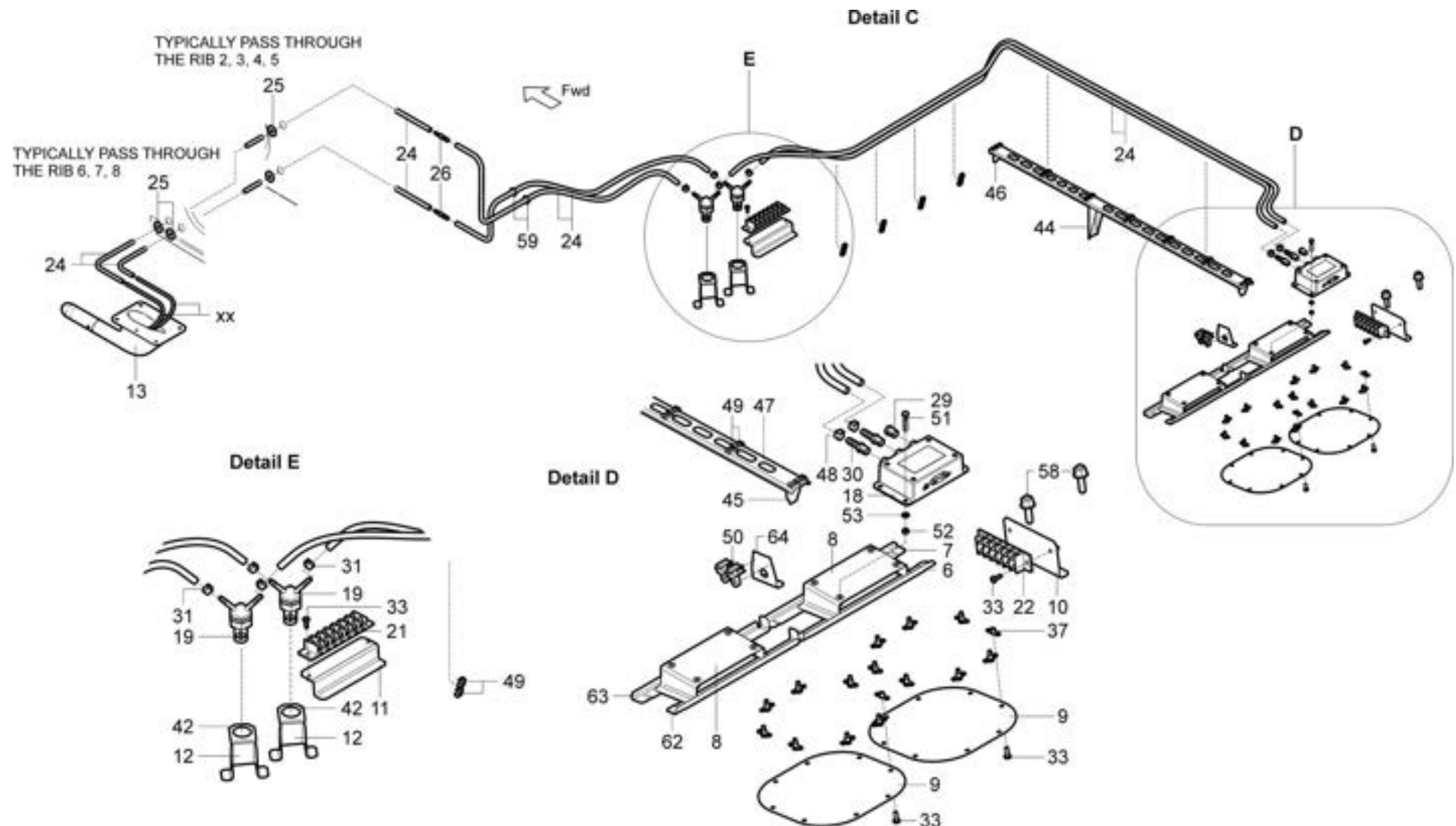


Fig. 31.40-4: Installation of SkyView system with one display and one ADAHRS



CHAPTER - 31
INDICATING / RECORDING SYSTEMS

CR-IPC-1-0-00

SECTION - 31.40
COMPUTERS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 31.40-3, Fig. 31.40-4: Installation of SkyView system with one display and one ADAHRS				
1	CI0151N	EMS BRACKET ASSY	1	
2				INTENTIONALLY LEFT BLANK
3				INTENTIONALLY LEFT BLANK
4				INTENTIONALLY LEFT BLANK
5				INTENTIONALLY LEFT BLANK
6	CI0138N	ANGLE 2	1	
7	CI0139N	ANGLE 3	1	
8	CI0140N	OMEGA ASSY	1	
9	CI0142N	COVER	2	
10	CI0143N	BRACKET 1 ASSY	1	
11	CI0145N	BRACKET 2 ASSY	1	
12	CI0146N	DRAIN SUMP BRACKET	2	
13	SW0177N	PITOT TUBE ASSY	1	
14	SV-EMS-220	EMS	1	
15	SV-BAT-320	BACKUP BATTERY	1	
16				INTENTIONALLY LEFT BLANK
17	SV-XPDR-261	TRANSPONDER	1	
18	ADAHRS-200	ADAHRS, PRIMARY	1	
19	3540L001	DRAIN SUMP LUN 7750,02-8	2	
20	SV-010-01	TERMINAL BOX, 10 PIN	1	
21	SV-007-01	TERMINAL BOX, 7 PIN	1	
22	SV-006-01	TERMINAL BOX, 6 PIN	1	
23	SI0596N	VENT GRILL		
24	512H2201	HOSE 6x1.5	1	length 14000 mm
25	3251A111	GROMMET 11x1	14	
26	3436V002	CONNECTOR GS6	2	
27				INTENTIONALLY LEFT BLANK
28				INTENTIONALLY LEFT BLANK
29	3436V016	PLUG 121-A	1	
30	3423L253	FITTING 125-4A	2	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
31	3330A026	HOSE CLAMP COBRA 8,5/7	4	
32				INTENTIONALLY LEFT BLANK
33	3111O645	SCREW MS35206-245	33	
34				INTENTIONALLY LEFT BLANK
35				INTENTIONALLY LEFT BLANK
36	CI0174N	BRACKET	1	
37	3121I205	ANCHOR NUT MS21047-08K	23	
38	CI0176N	STIFFENER	5	
39	CI0175N	BRACKET	1	
40				INTENTIONALLY LEFT BLANK
41				INTENTIONALLY LEFT BLANK
42	CI0168N	BRACKET	2	
43	3131X402	WASHER 4, DIN 125, ZB	2	
44	CI0165N	BRACKET	1	
45	CI0162N	BRACKET	1	
46	CI0163N	BRACKET	1	
47	CI0161N	LADDER	1	
48	3330A019	HOSE CLAMP COBRA 10/7	2	
49	3331A010	HOLDER TM1SC-6	22	
50	3331A009	HOLDER LHMS-S5-C	2	
51	3111X421	SCREW M4x25 BRASS DIN 933	4	
52	3129A009	NUT M4, BRASS DIN 934	4	
53	3131X505	WASHER 4, BRASS DIN 125	4	
54				INTENTIONALLY LEFT BLANK
55	3111K307	SCREW AN525-10R7	2	
56	3121I206	ANCHOR NUT MS21047-3K	2	
57				INTENTIONALLY LEFT BLANK
58	SV-OAT-340	OAT PROBE	2	
59	3251A091	GROMMET 9x1	2	
60	SI0059N	COVER	1	
61	6302EM16	SHUNT	1	



SECTION - 31.40
COMPUTERS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



31.40.3 SkyView ADSB Module Installation

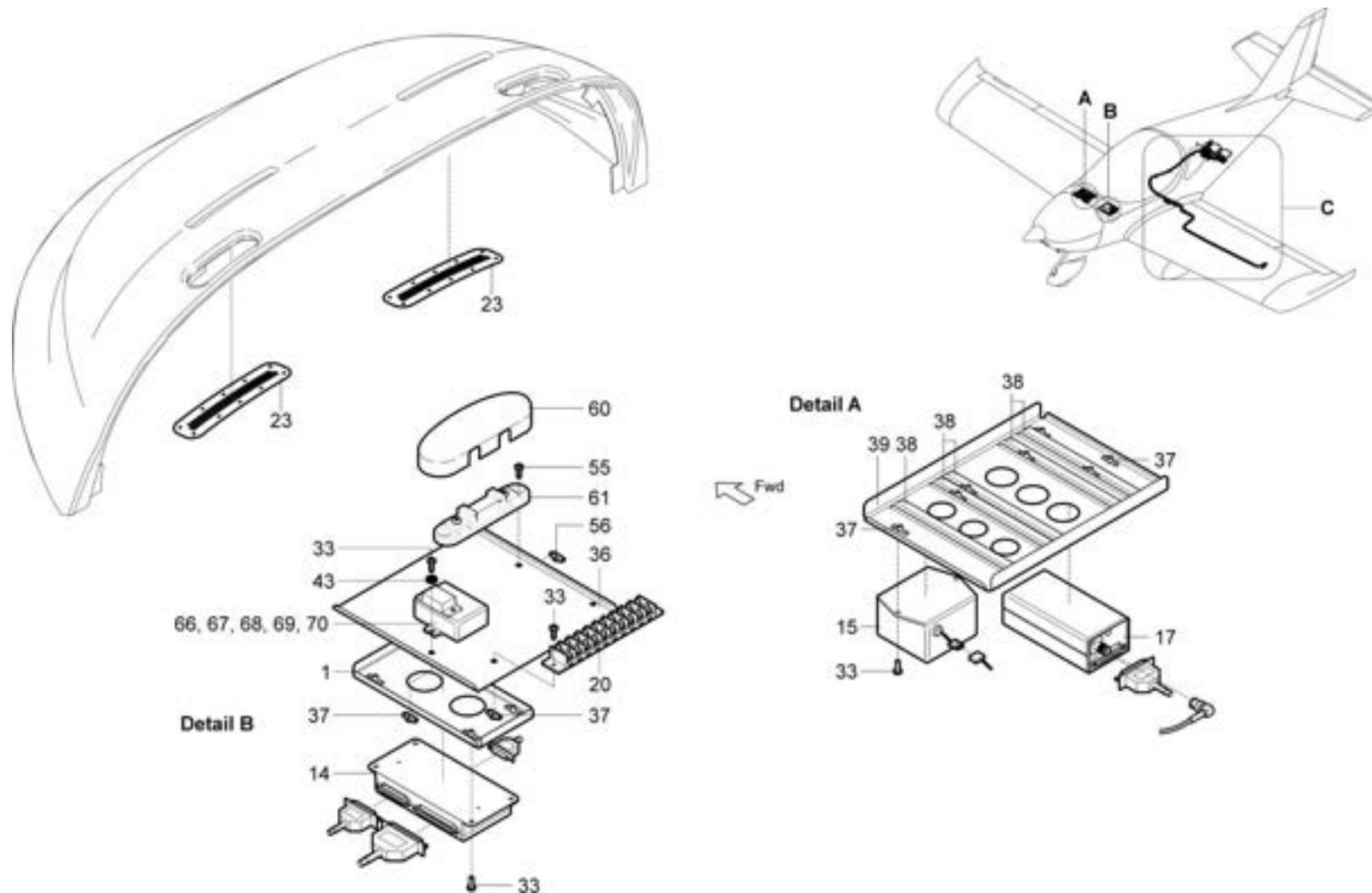


Fig. 31.40-5: SkyView ADSB module installation



SECTION - 31.40
COMPUTERS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



31.40.4 SkyView Secondary ADAHRS Installation

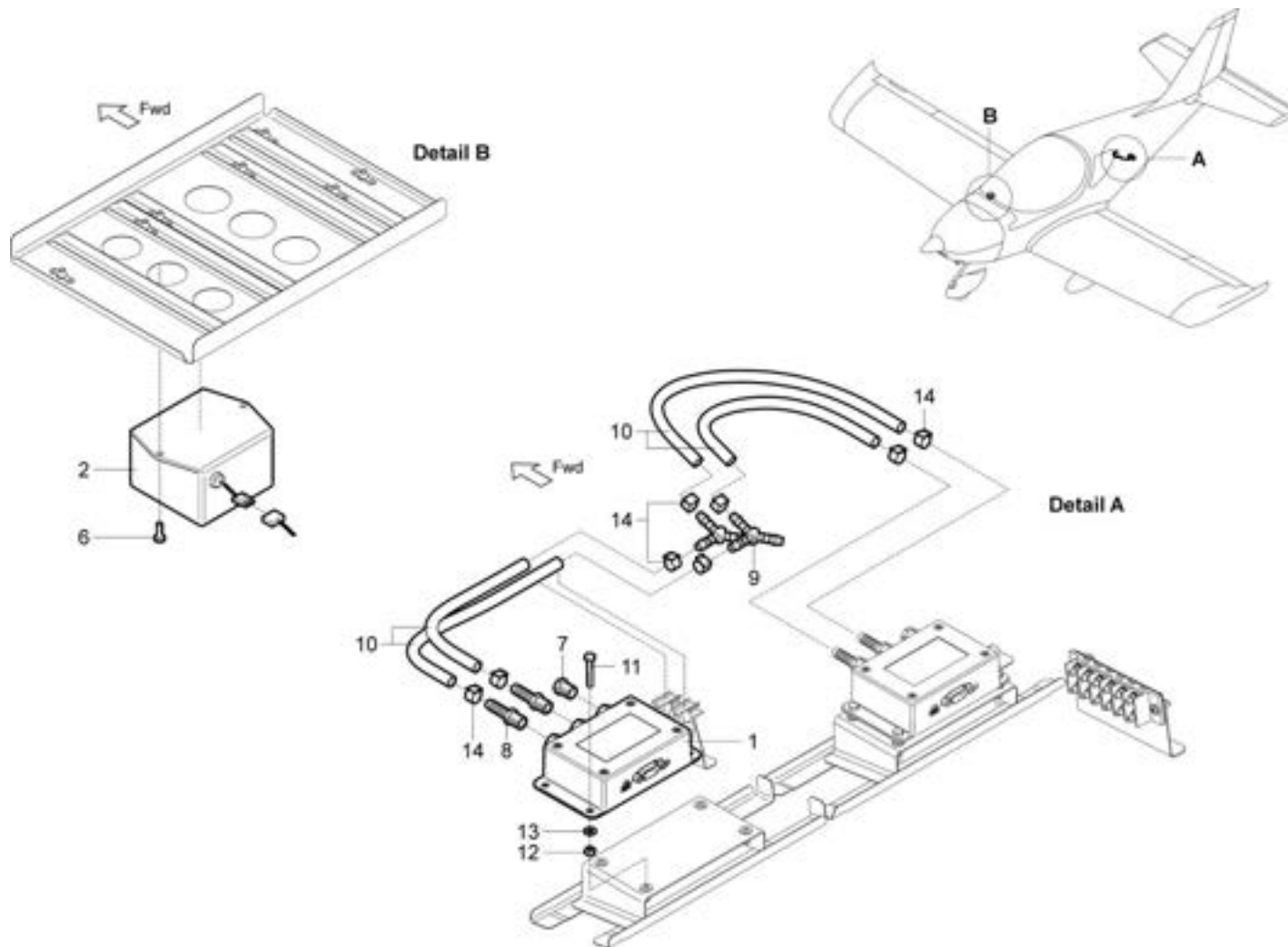


Fig. 31.40-6: SkyView secondary ADAHRS installation

[illegible]



32 LANDING GEAR

32.10 MAIN GEAR

32.10	Main Gear	32-1
32.10.1	Main Gear Leg Installation	32-3
32.10.2	Main Gear Assy.....	32-5
32.10.3	Main Gear Leg Installation-valid since P1102001	32-7
32.10.4	Main Gear Leg Installation	32-9
32.10.5	Main Gear Assy.....	32-11
32.10.6	Main Landing Gear Installation	32-13



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32.10.1 Main Gear Leg Installation

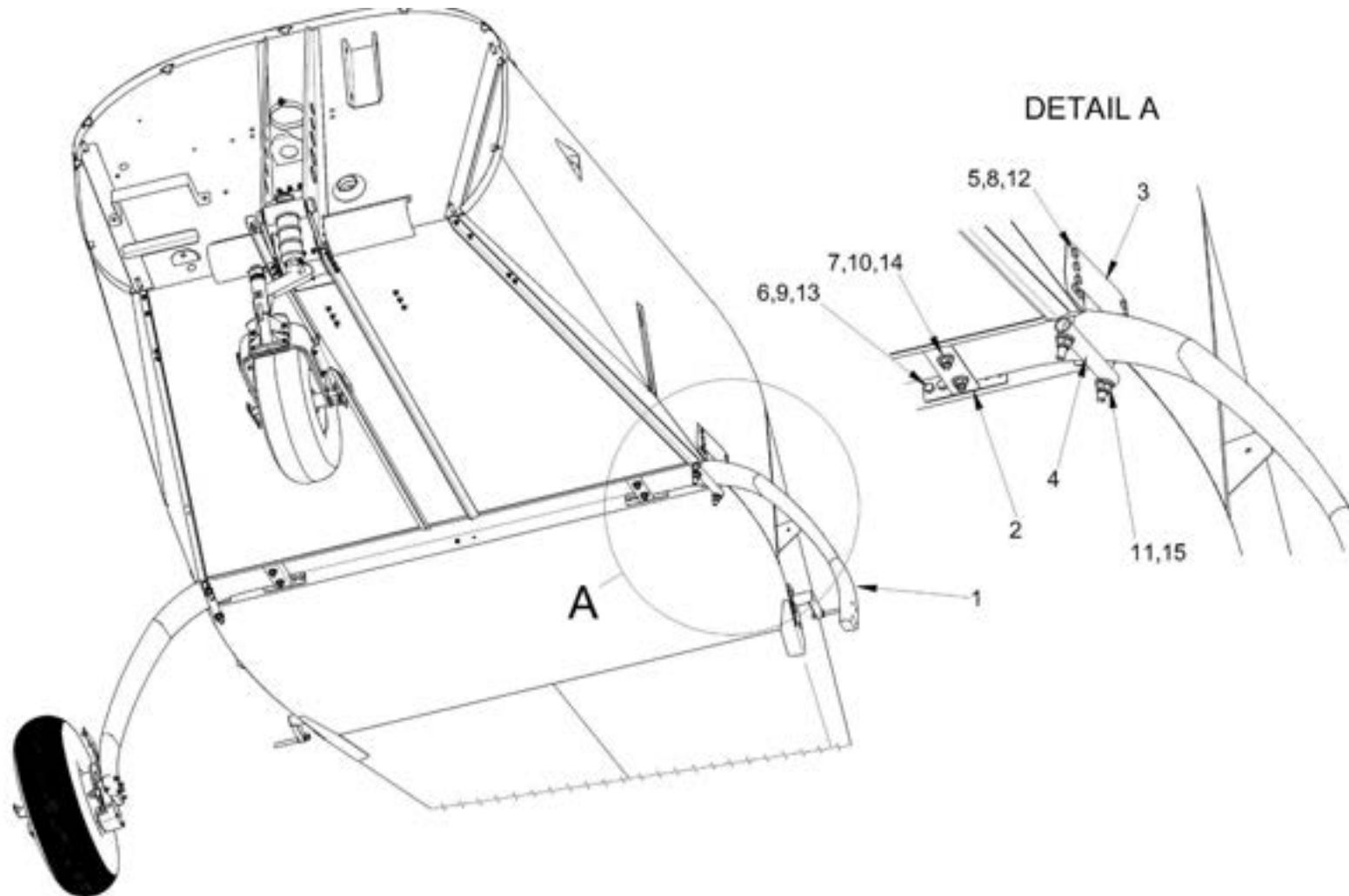


Fig. 32.10-1: Main gear leg installation

[illegible]

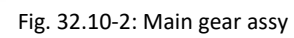


SECTION - 32.10

MAIN GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

32.10.2 Main Gear Assy





SECTION - 32.10

MAIN GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



32.10.3 Main Gear Leg Installation-valid since P1102001

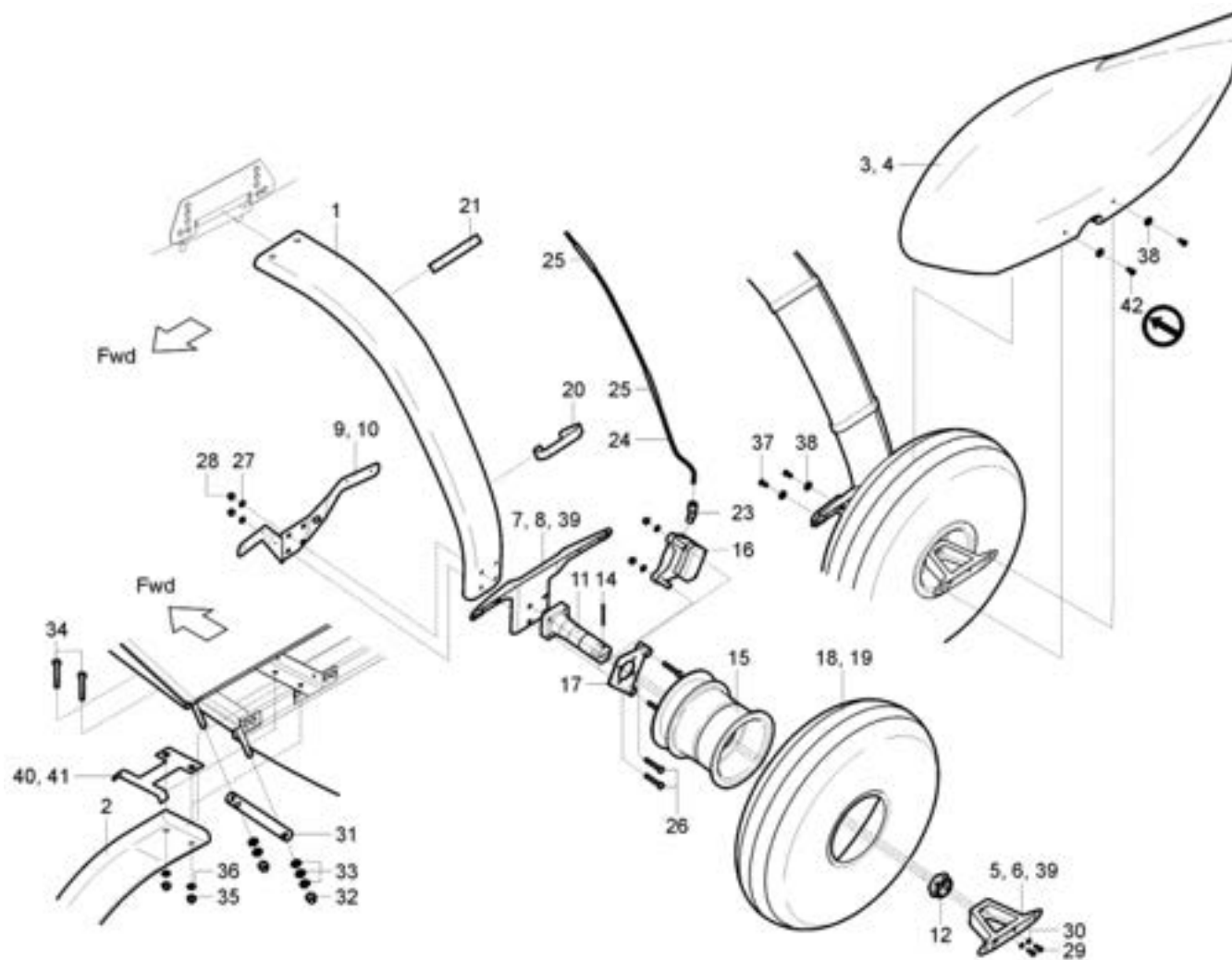


Fig. 32.10-3: Main gear leg installation-valid since P1102001

[illegible]



32.10.4 Main Gear Leg Installation

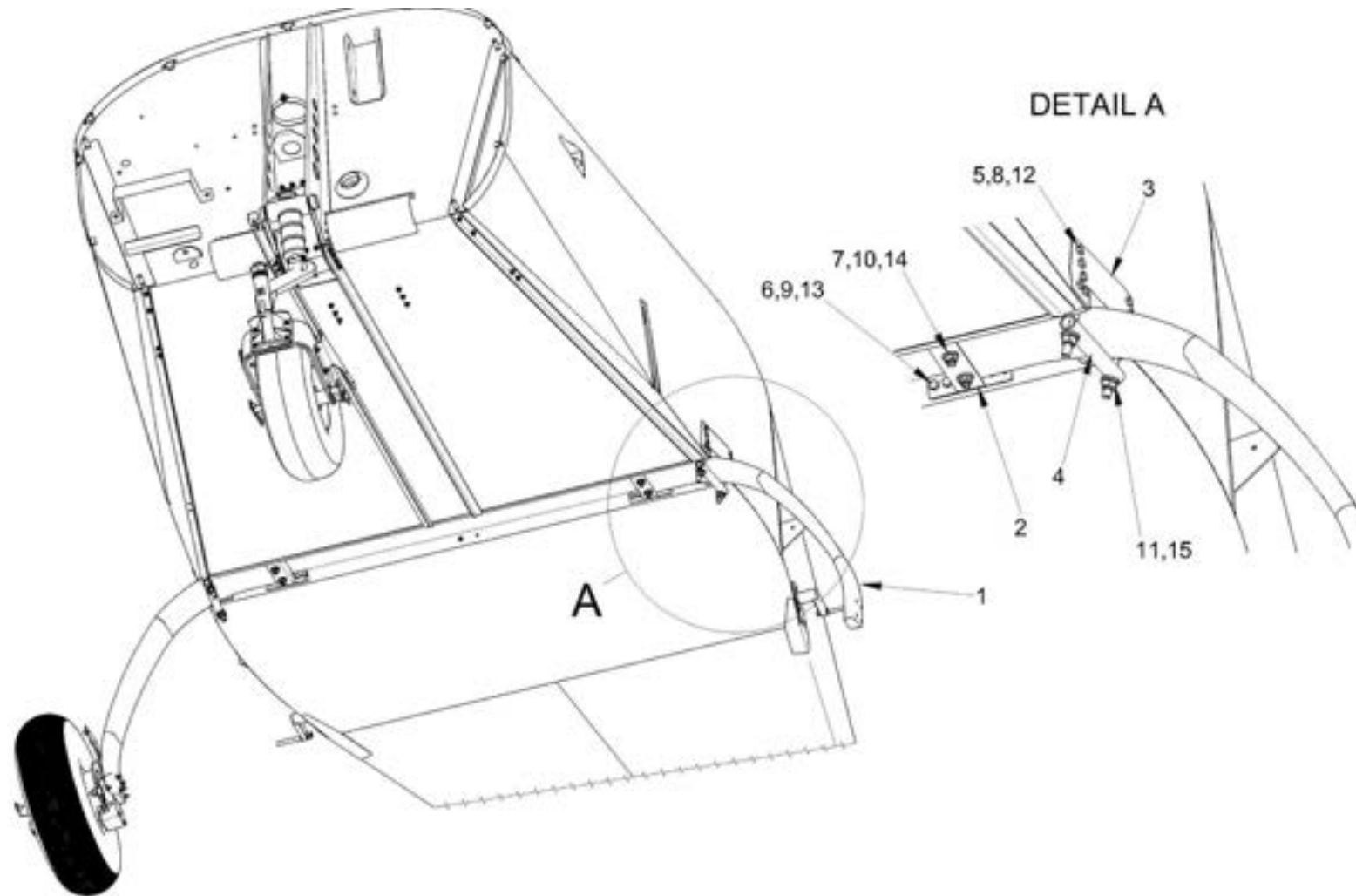


Fig. 32.10-4: Main gear leg installation



SECTION - 32.10

MAIN GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



SECTION - 32.10

MAIN GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

32.10.5 Main Gear Assy





SECTION - 32.10

MAIN GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



32.10.6 Main Landing Gear Installation

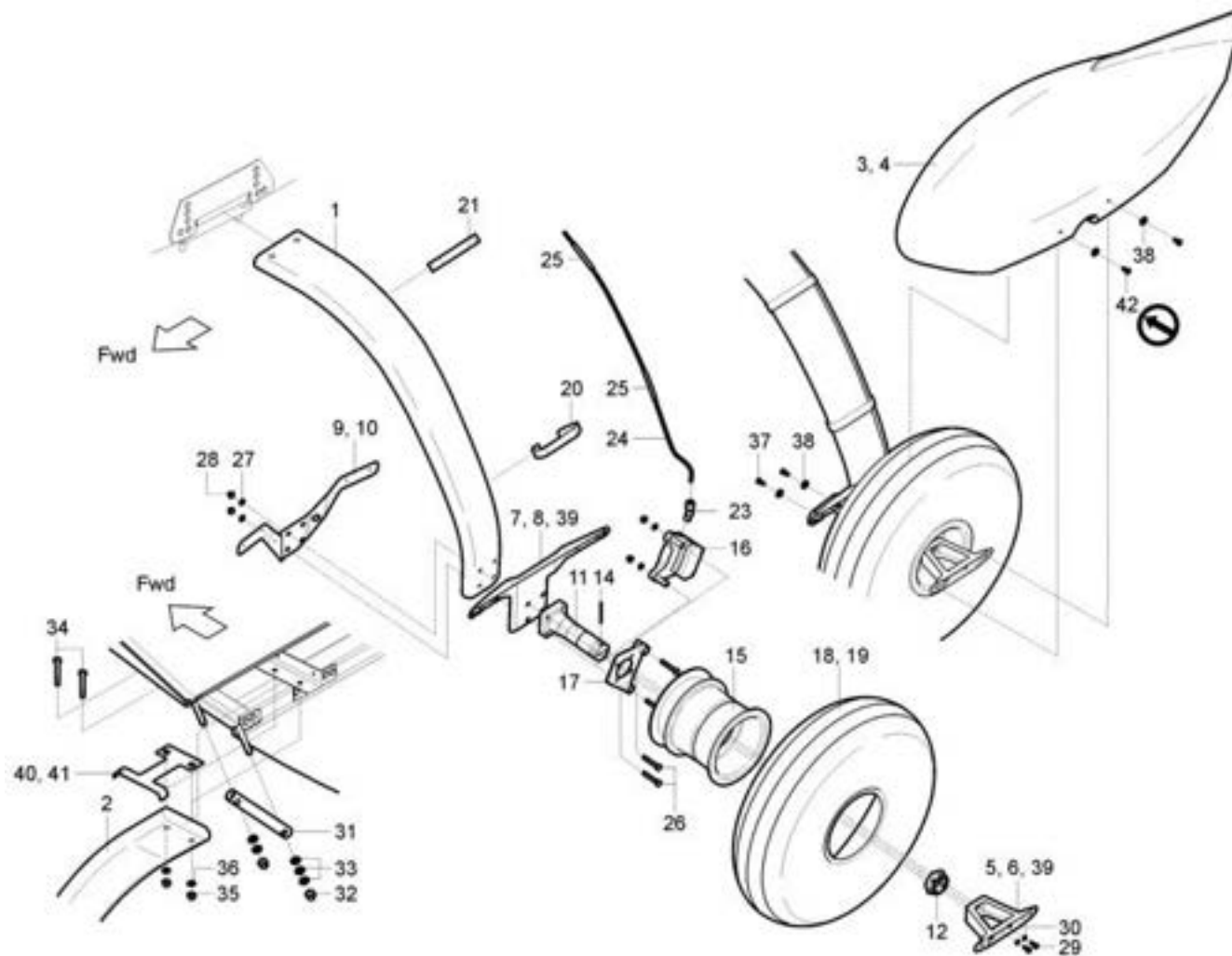


Fig. 32.10-6: Main landing gear installation

[illegible]



32 LANDING GEAR

32.20 NOSE GEAR

32.20	Nose Gear	32-15
32.20.1	Nose Gear Fork Assy	32-17
32.20.2	Nose Gear Assy	32-19
32.20.3	Nose Gear Assy-valid since P1102001	32-21
32.20.1	SG0420N Nose Leg Assy	32-23
32.20.2	SG0300N Nose Leg Assy	32-25
32.20.3	SG0170N Shock Absorber Assy.....	32-27



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32.20.1 Nose Gear Fork Assy

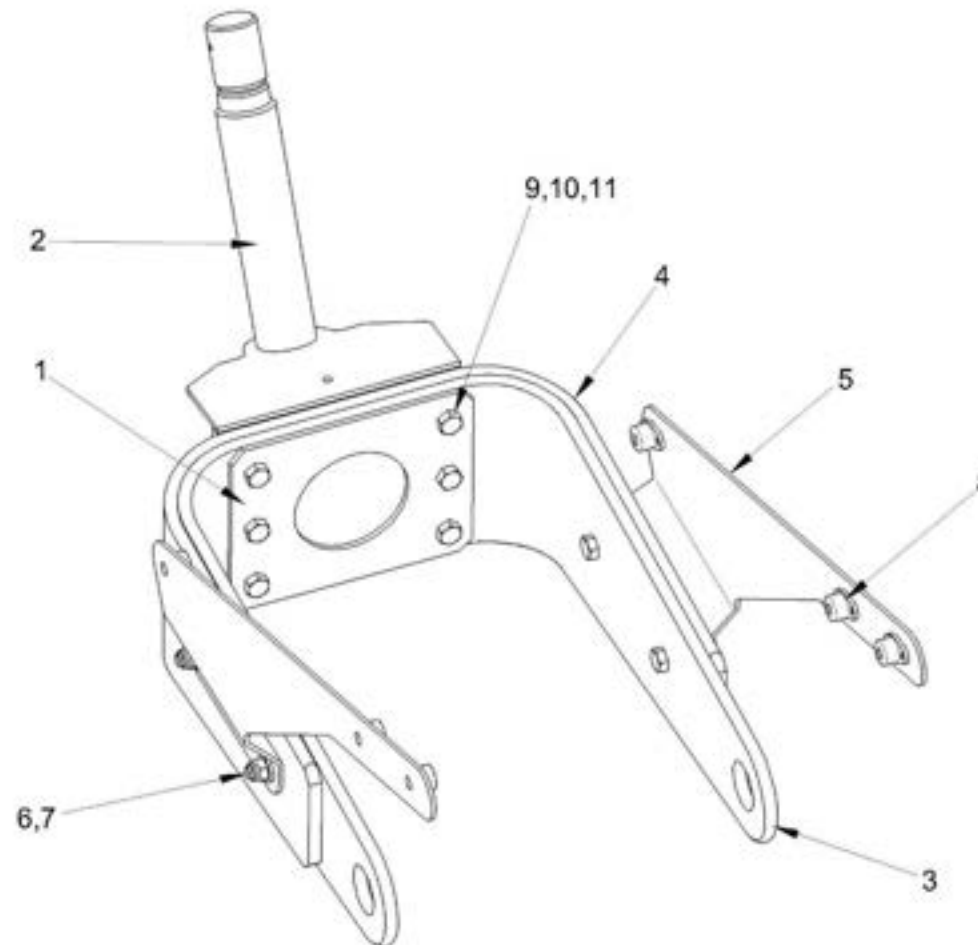


Fig. 32.20-1: Nose gear fork assy



SECTION - 32.20

NOSE GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



32.20.2 Nose Gear Assy

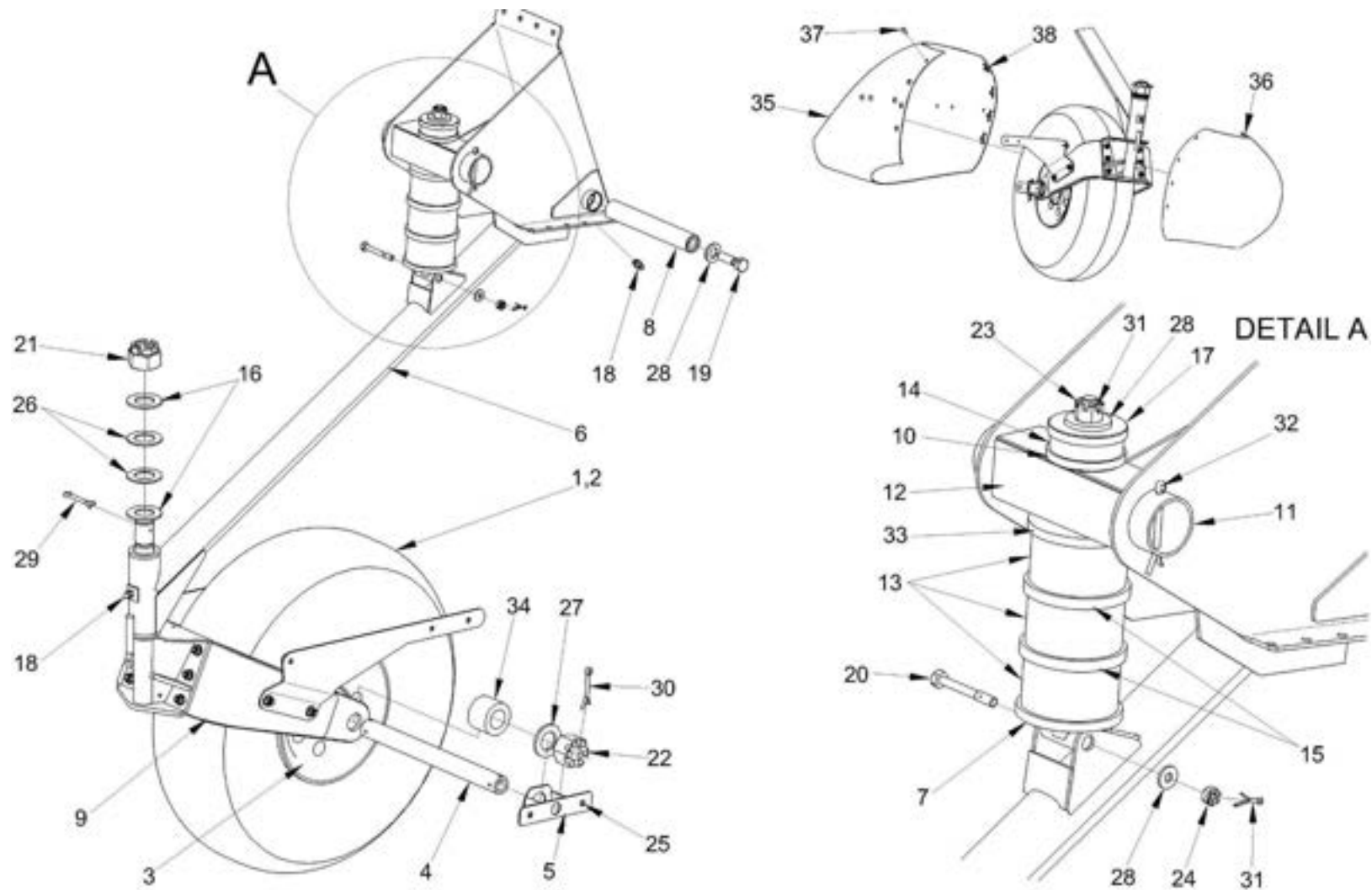


Fig. 32.20-2: Nose gear assy

[illegible]



32.20.3 Nose Gear Assy-valid since P1102001

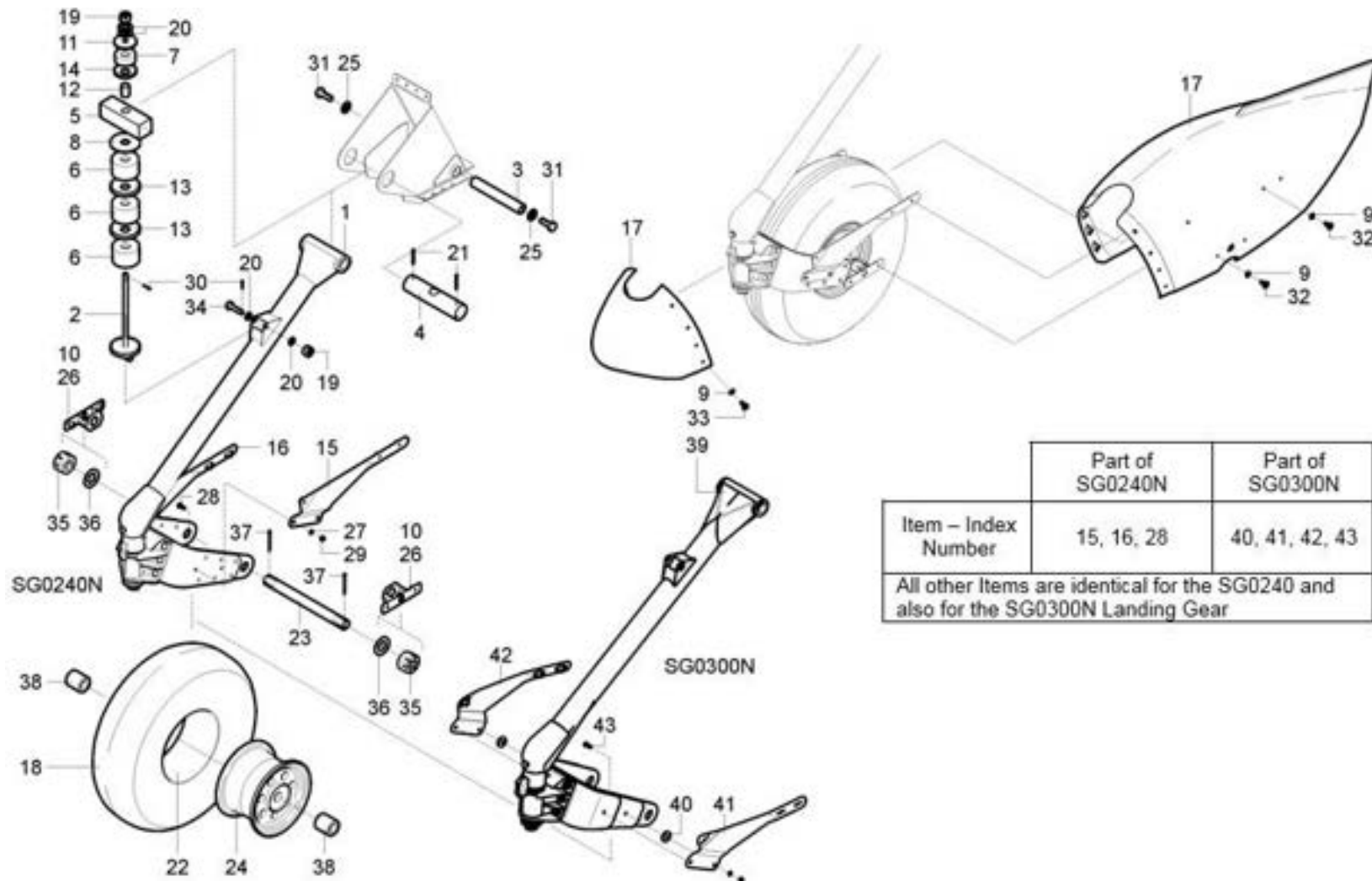


Fig. 32.20-3: Nose gear assy-valid since P1102001

[illegible]



32.20.4 SG0420N Nose Leg Assy

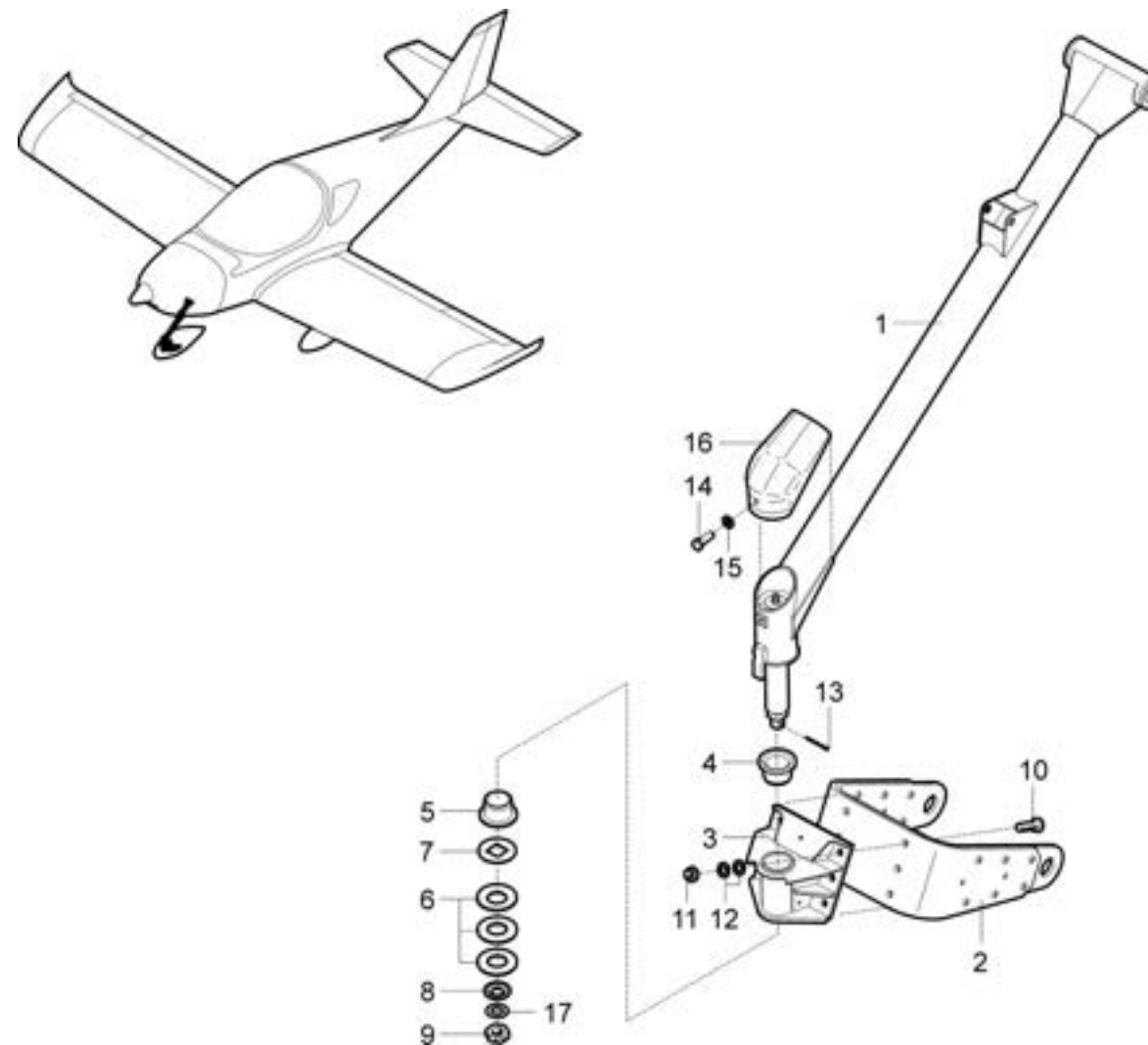


Fig. 32.20-4: SG0420N nose leg assy



SECTION - 32.20

NOSE GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



32.20.5 SG0300N Nose Leg Assy

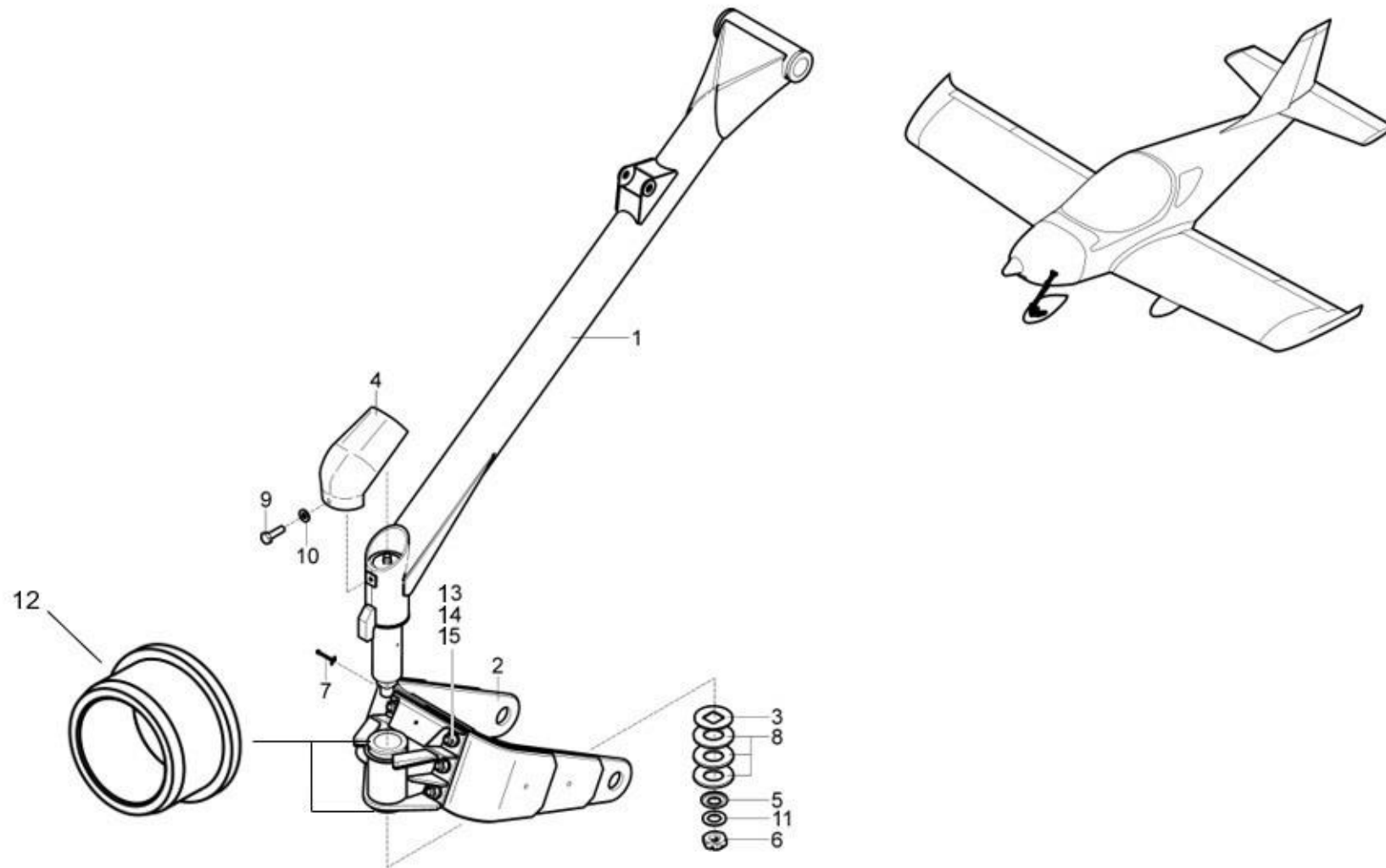


Fig. 32.20-5: SG0300N nose leg assy



SECTION - 32.20

NOSE GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]

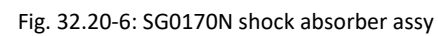


SECTION - 32.20

NOSE GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

32.20.6 SG0170N Shock Absorber Assy





SECTION - 32.20

NOSE GEAR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



32 LANDING GEAR

32.40 WHEELS AND BRAKES

32.40	Wheels and Brakes	32-29
32.40.1	Wheel and Brake	32-31
32.40.2	Wheel and Brake Assy (Vendor Data)	32-33
32.40.3	Hydraulic Schematic (Vendor Data)	32-34
32.40.4	MC-5 Master Cylinder (Vendor Data)	32-35
32.40.5	MC-4 Master Cylinder (Vendor Data)	32-36
32.40.6	PV-1 Parking Brake Valve (Vendor Data)	32-37
32.40.7	PV-D Parking Brake Valve (Vendor Data)	32-38



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32.40.1 Wheel and Brake

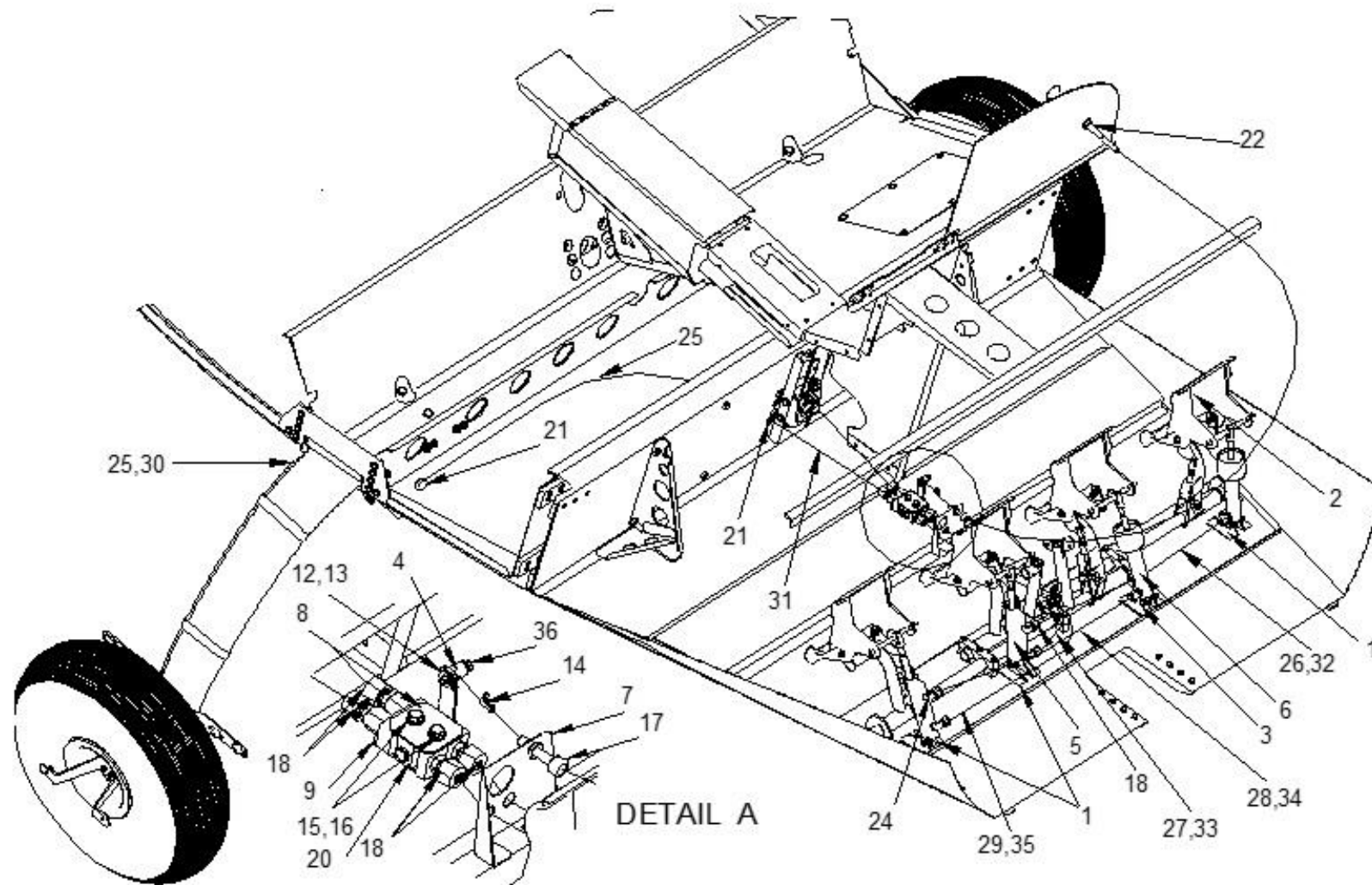


Fig. 32.40-1: Wheel and Brake



SportCruiser
PiperSport

[illegible]



32.40.2 Wheel and Brake Assy (Vendor Data)

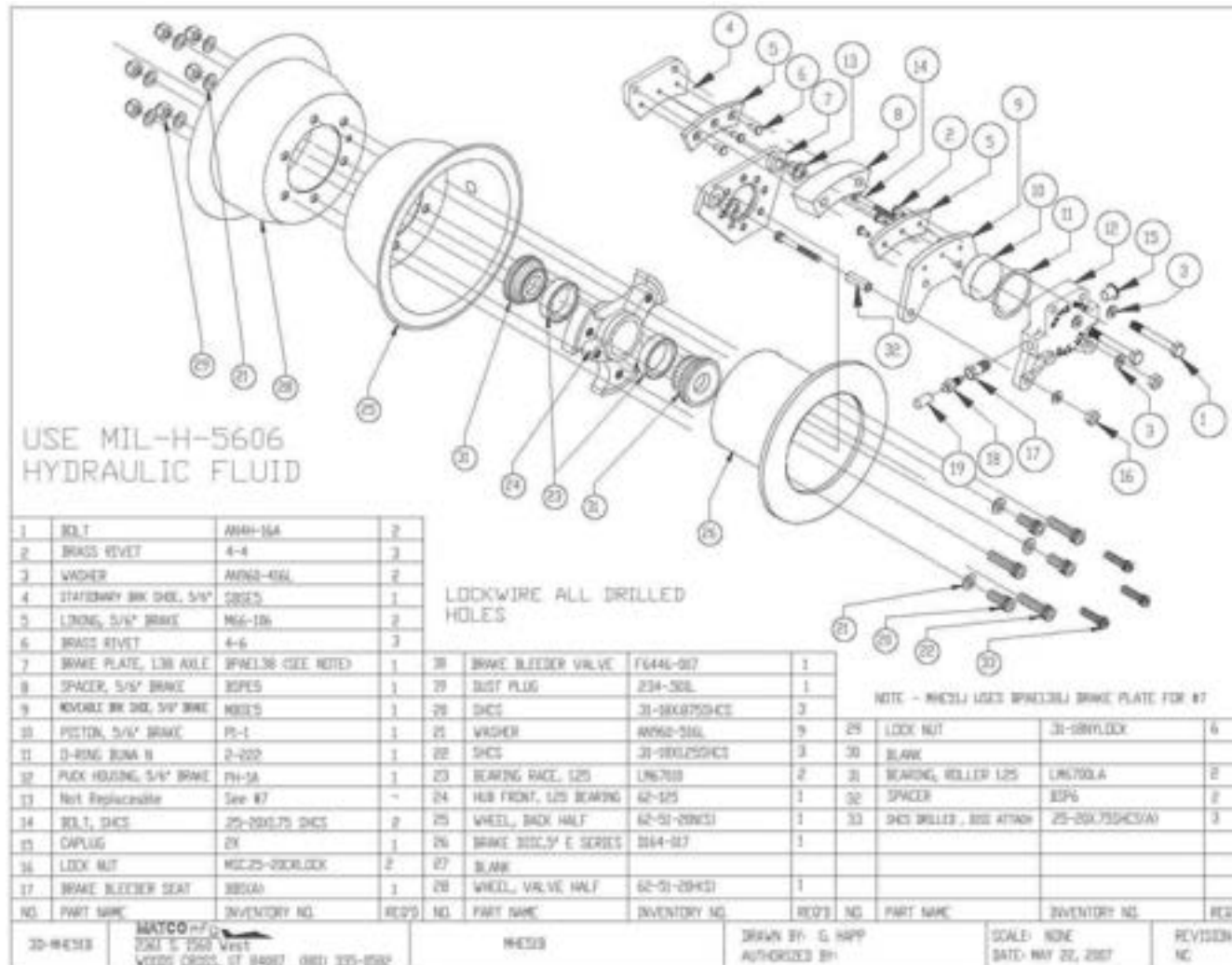


Fig. 32.40-2: Wheel and brake assy (vendor data)



32.40.3 Hydraulic Schematic (Vendor Data)

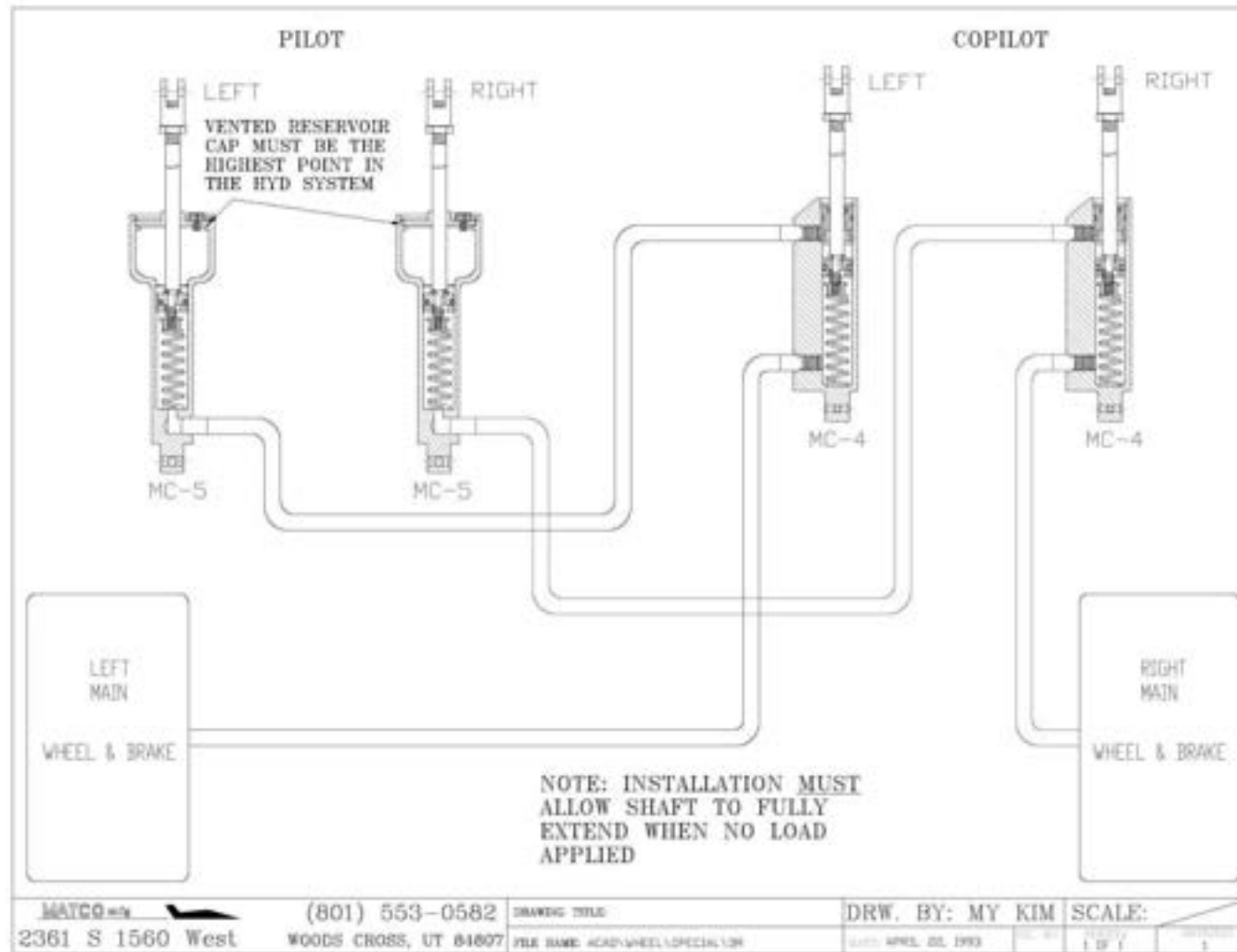


Fig. 32.40-3: Hydraulic schematic (vendor data)



32.40.4 MC-5 Master Cylinder (Vendor Data)

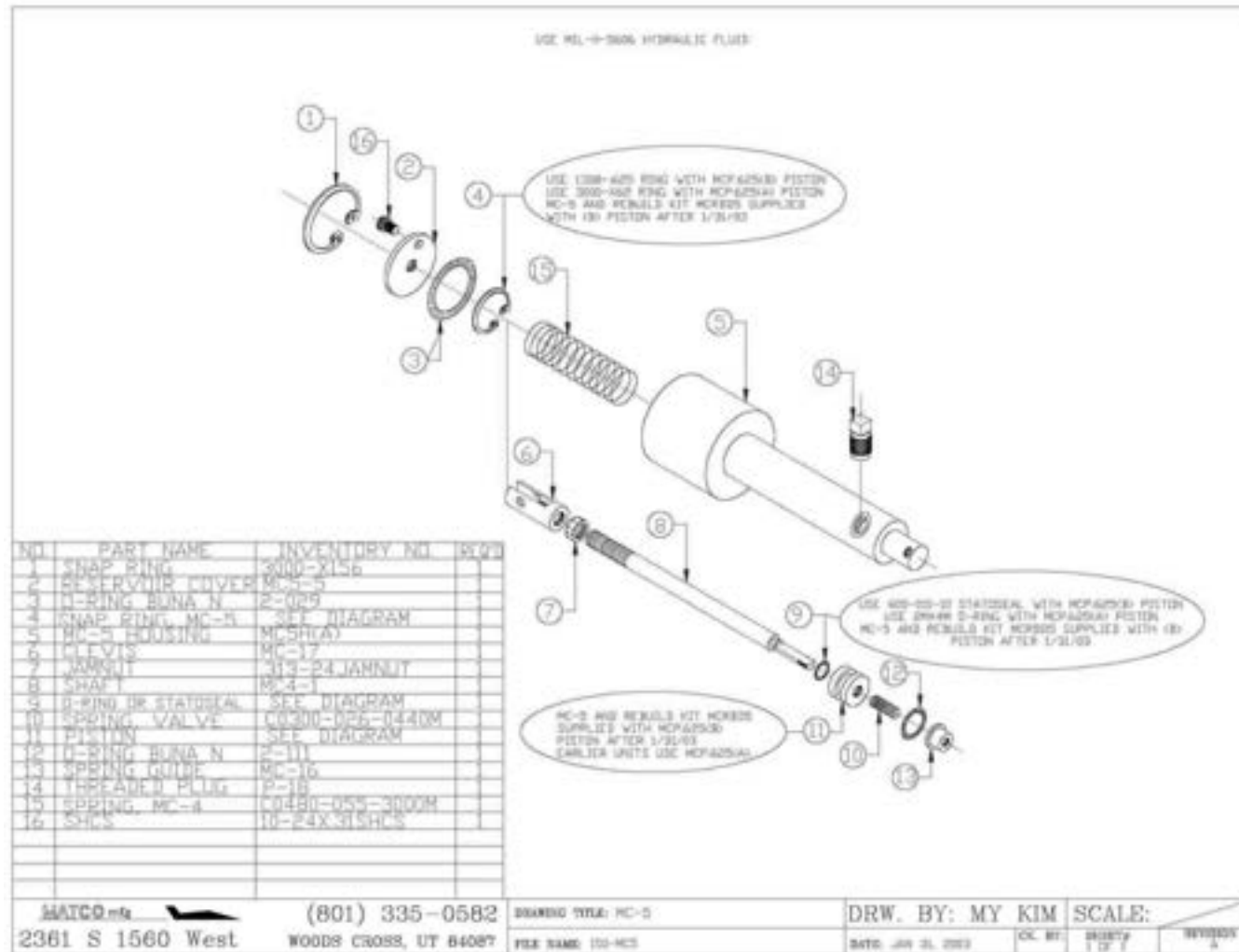


Fig. 32.40-4: MC-5 master cylinder (vendor data)



32.40.5 MC-4 Master Cylinder (Vendor Data)

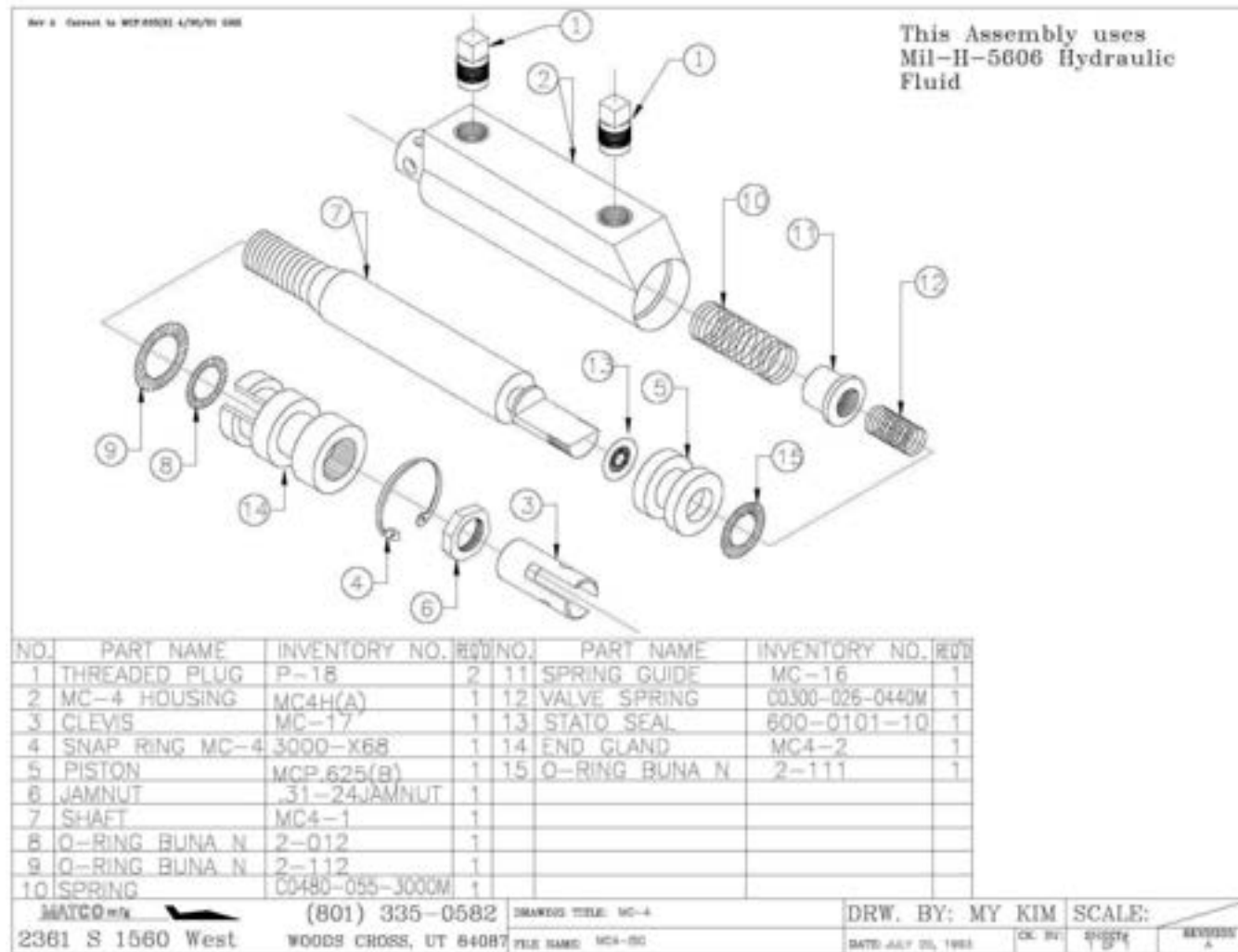


Fig. 32.40-5: MC-4 master cylinder (vendor data)



32.40.6 PV-1 Parking Brake Valve (Vendor Data)

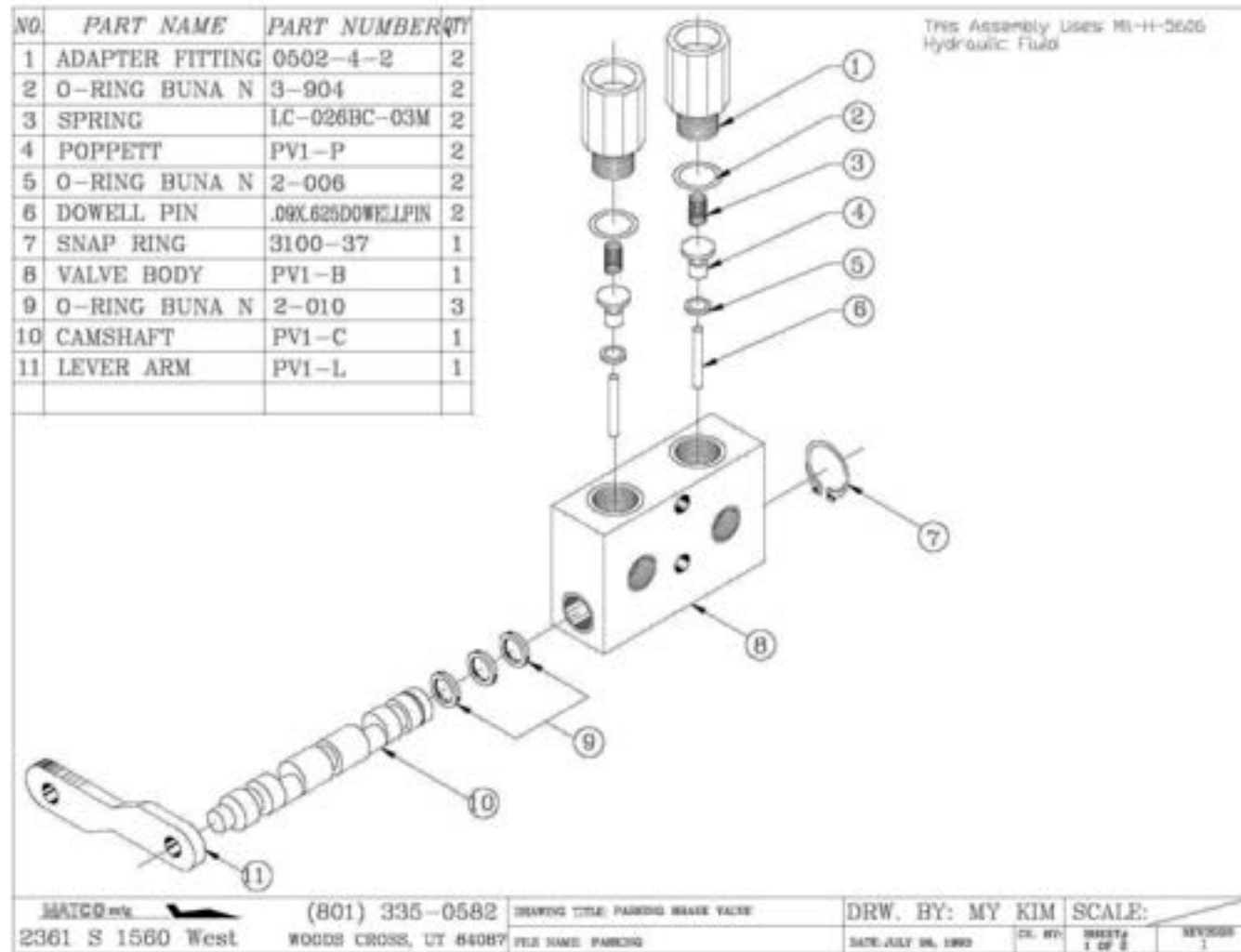


Fig. 32.40-6: PV-1 parking brake valve (vendor data)



32.40.7 PV-D Parking Brake Valve (Vendor Data)

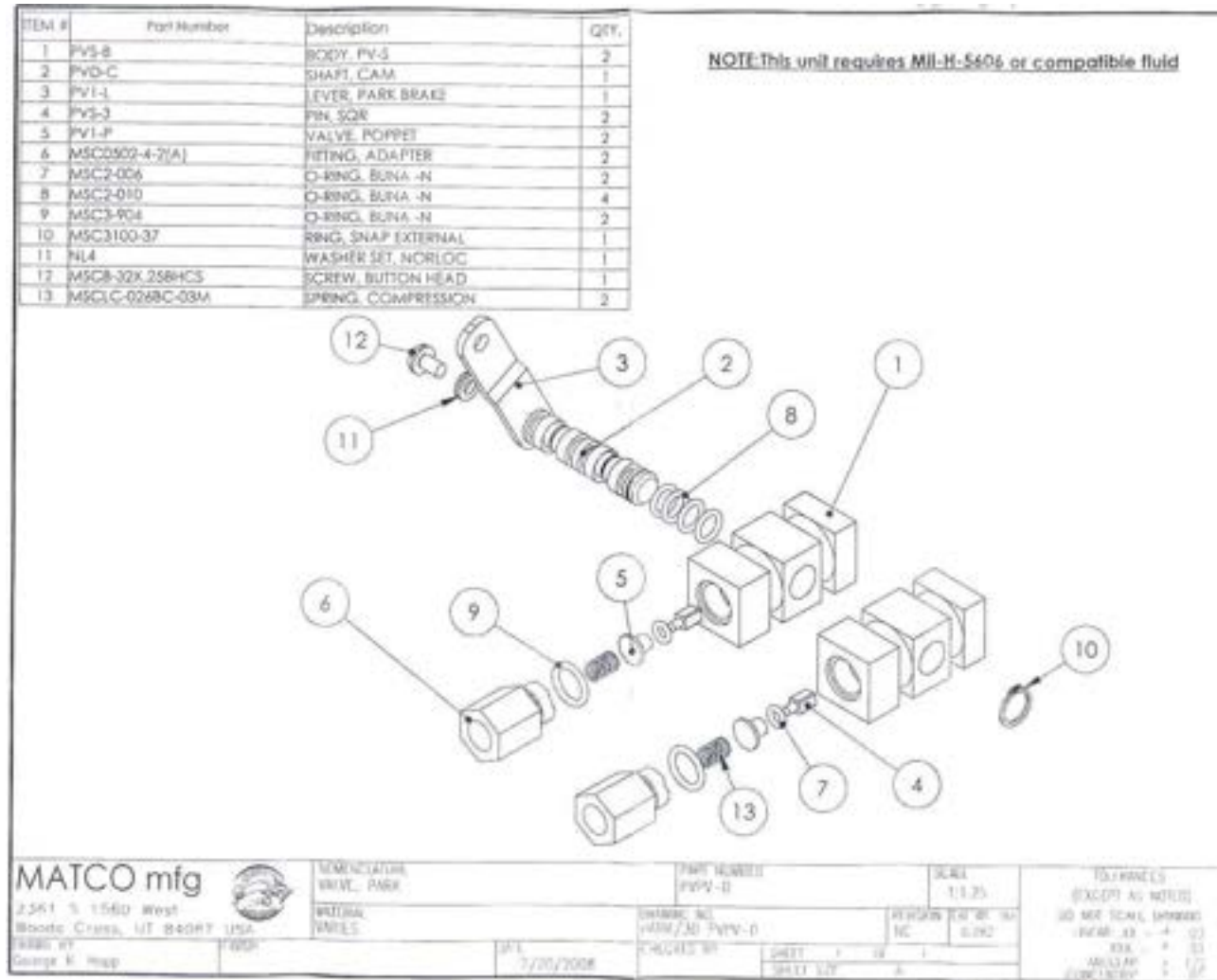


Fig. 32.40-7: PV-D parking brake valve (vendor data)



33 LIGHTS

33.10 FLIGHT COMPARTMENT

33.10	Flight Compartment	33-1
33.10.1	Cabin Light Installation	33-3



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33.10.1 Cabin Light Installation

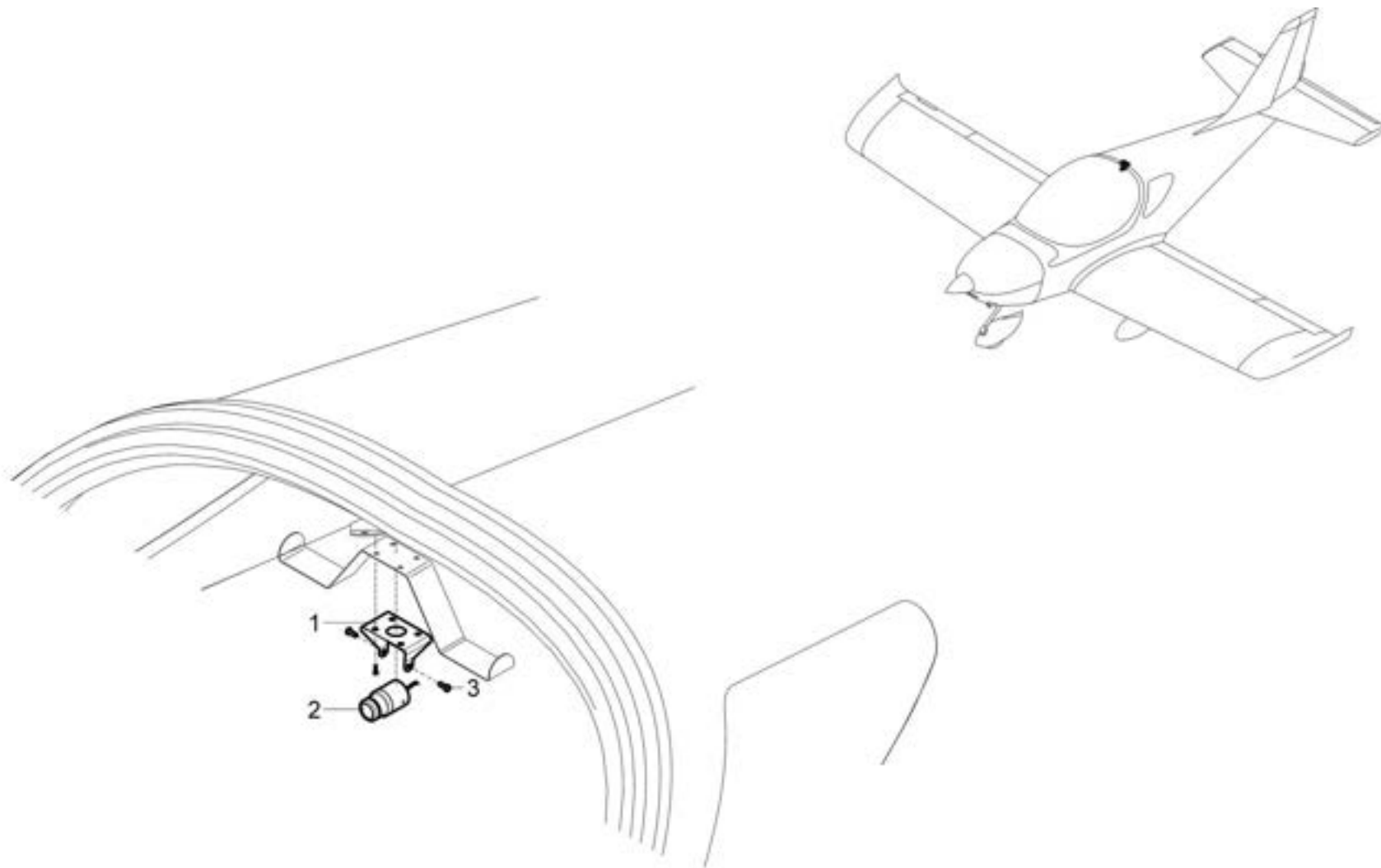


Fig. 33.10-1: Cabin light installation



SECTION - 33.10 FLIGHT COMPARTMENT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



33 LIGHTS

33.40 EXTERIOR LIGHTS

33.40	Exterior Lights.....	33-5
33.40.1	Landing Light Installation	33-7
33.40.2	Strobe Lights Installation.....	33-9
33.40.3	Position / Strobe Lights Installation-valid since P1102001	33-11
33.40.1	TrailTech D112-SX Landing Lights Installation.....	33-13
33.40.2	Position / Strobe Lights Installation-valid since P1102001	33-15
33.40.3	Position / Strobe Lights Installation-valid since P1102001	33-17
33.40.4	Position / Strobe Lights Installation-valid since C0655	33-19
33.40.5	Position / Strobe Lights Installation-valid for VFR Night aircraft	33-21



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33.40.1 Landing Light Installation

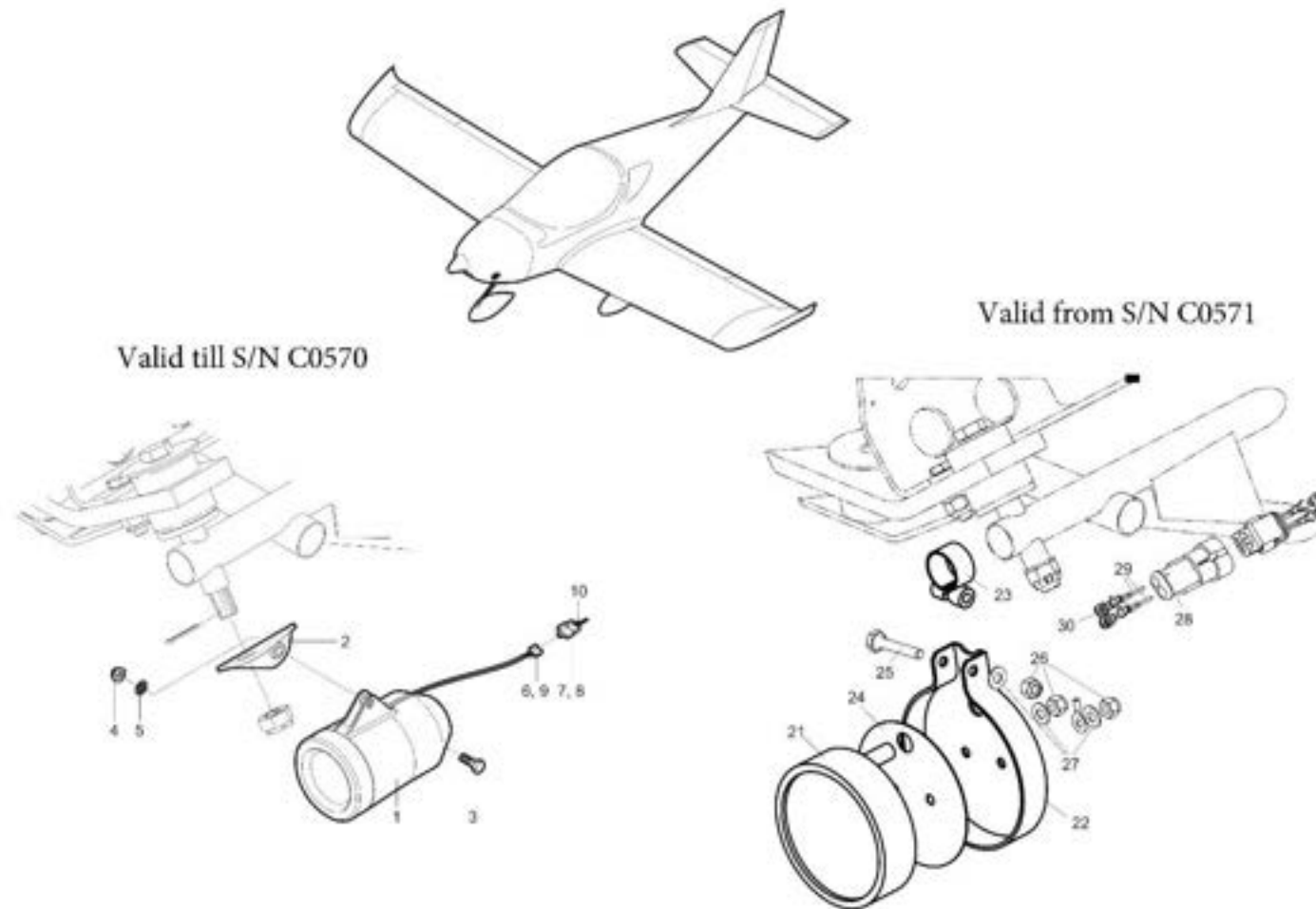


Fig. 33.40-1: Landing light installation



SECTION - 33.40

EXTERIOR LIGHTS

[illegible]



33.40.2 Strobe Lights Installation

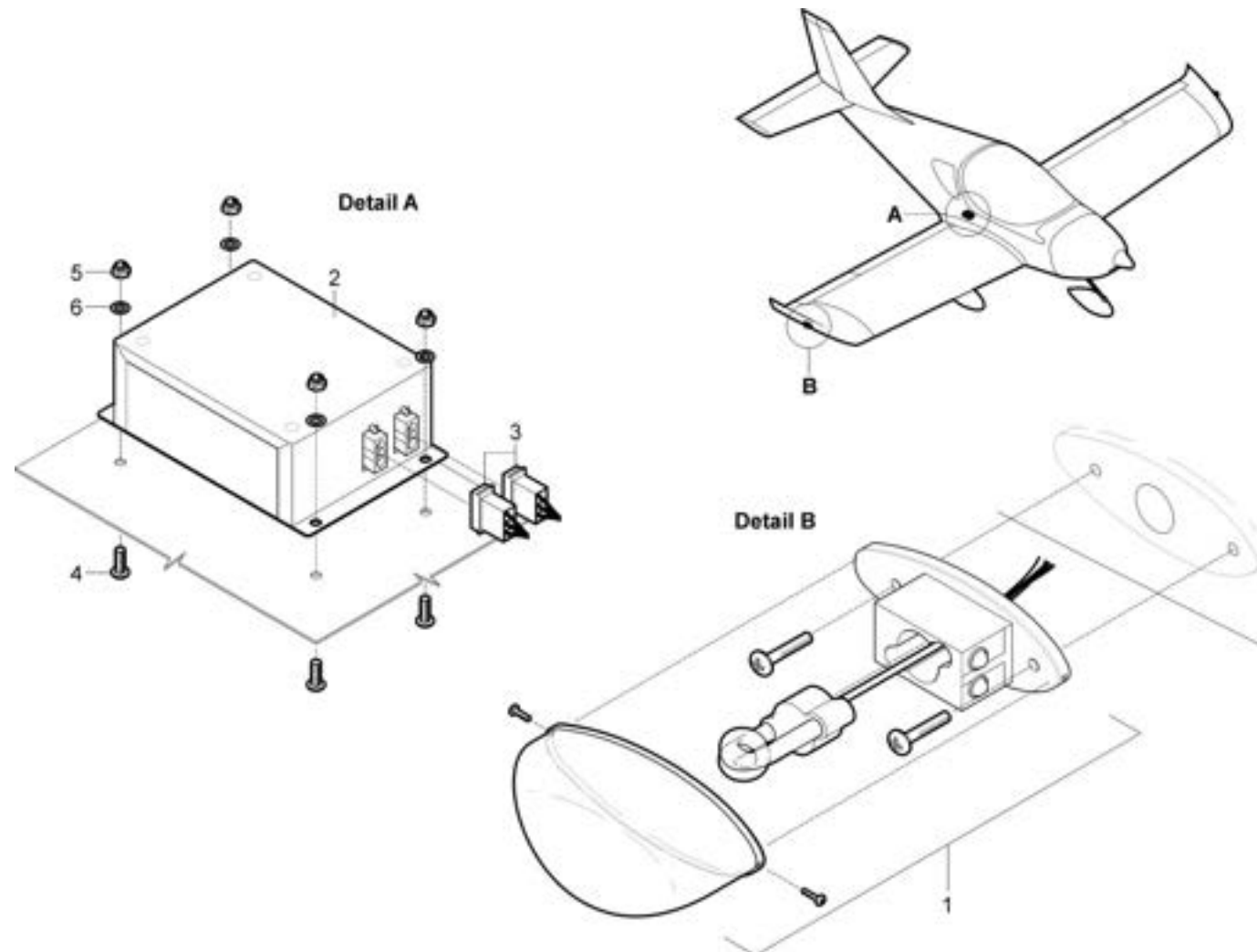


Fig. 33.40-2: Strobe lights installation



SECTION - 33.40

EXTERIOR LIGHTS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



33.40.3 Position / Strobe Lights Installation-valid since P1102001

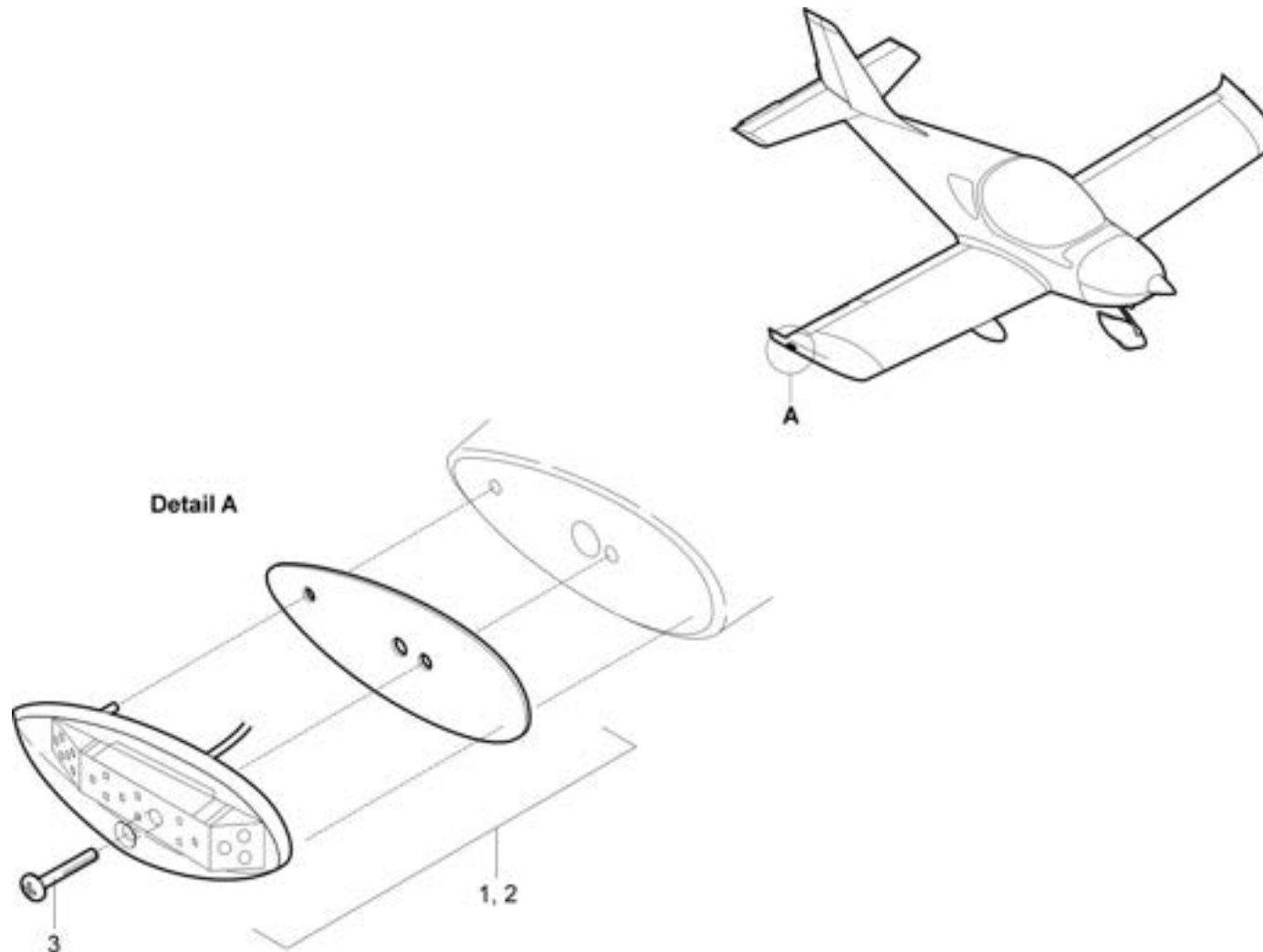


Fig. 33.40-3: Position / strobe lights installation-valid since P1102001



SECTION - 33.40

EXTERIOR LIGHTS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



33.40.4 TrailTech D112-SX Landing Lights Installation

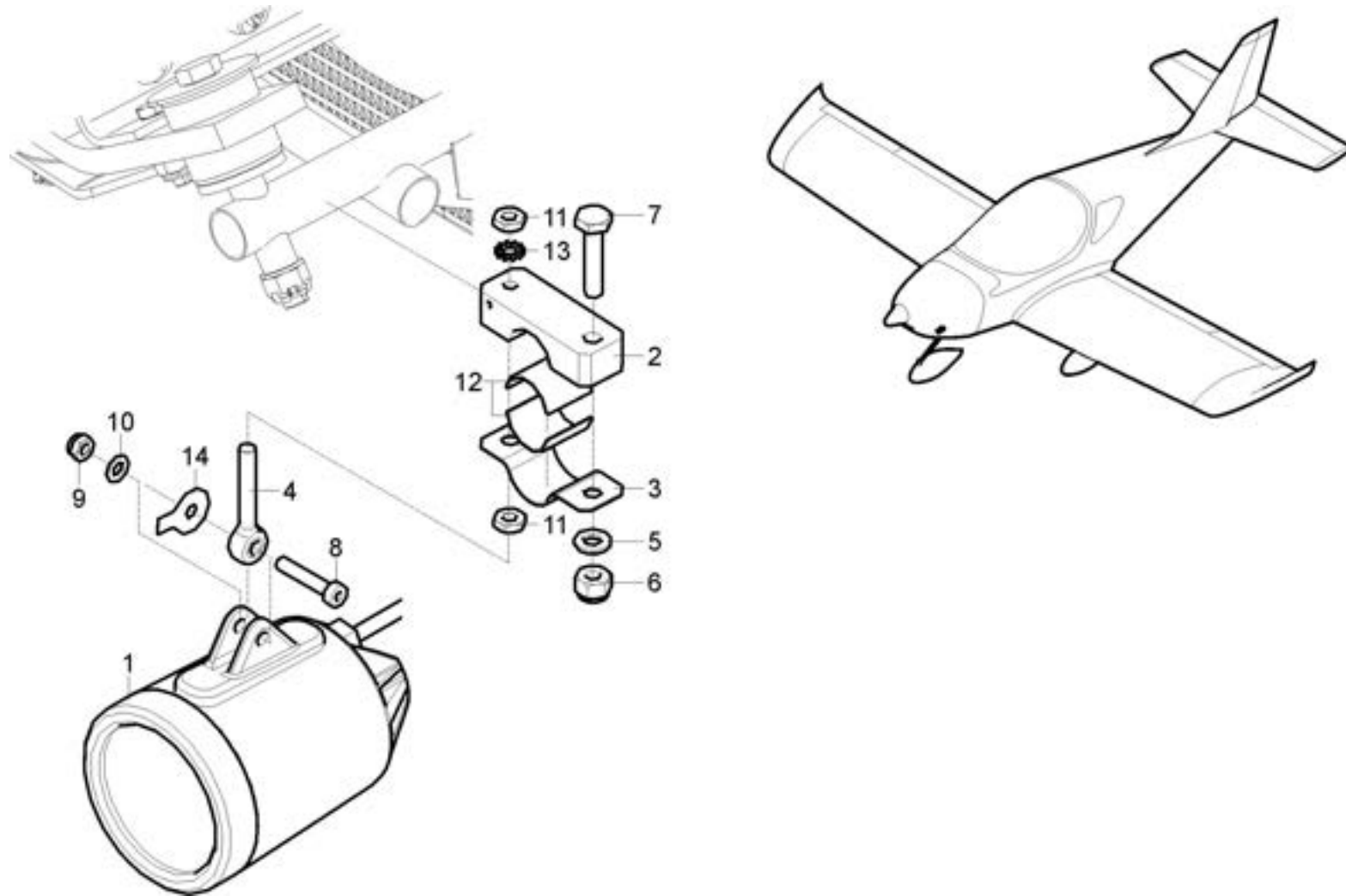


Fig. 33.40-4: TrailTech D112-SX landing lights installation



SECTION - 33.40

EXTERIOR LIGHTS

[illegible]



33.40.5 Position / Strobe Lights Installation-valid since P1102001

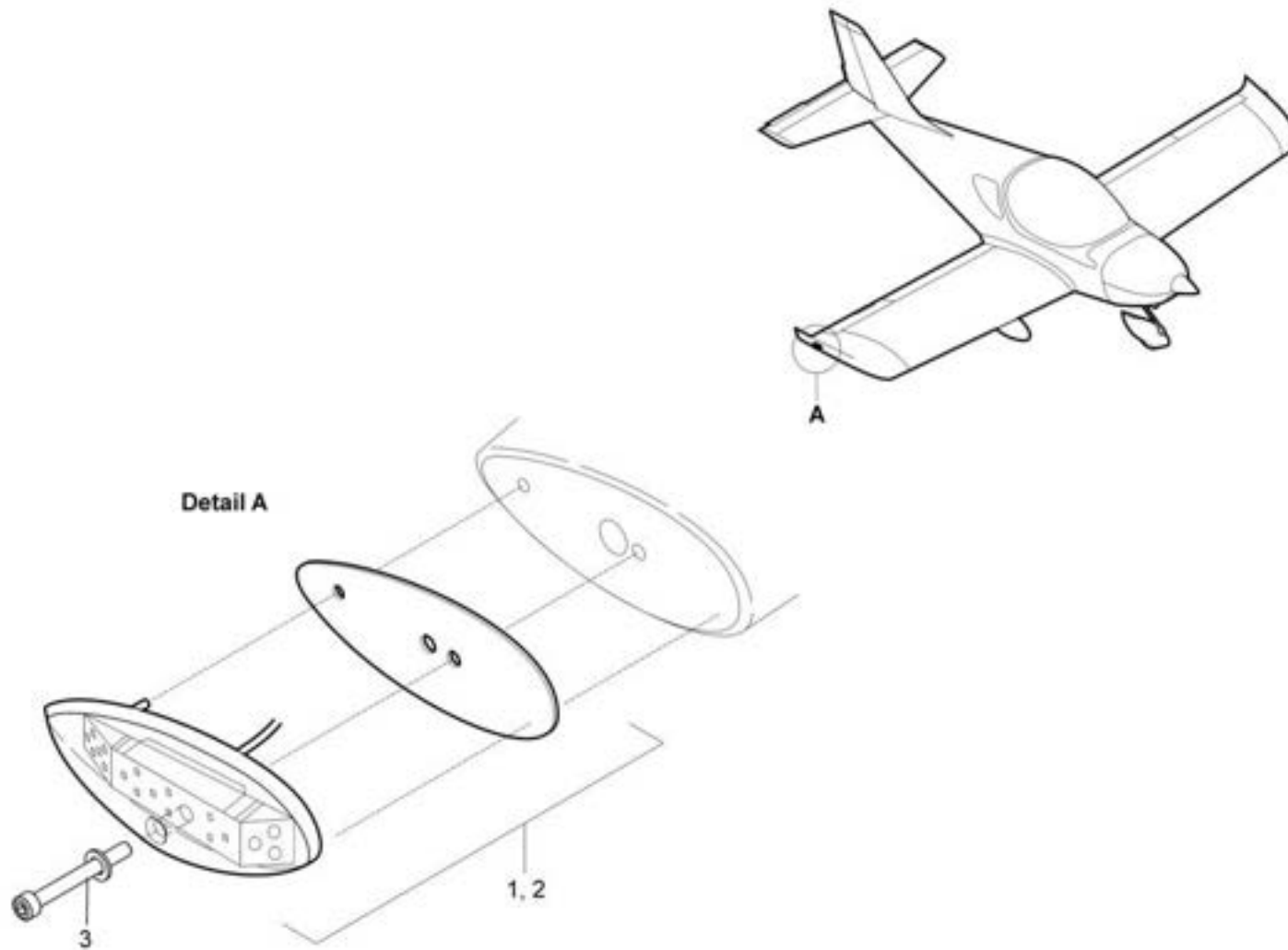


Fig. 33.40-5: Position / strobe lights installation-valid since P1102001



SECTION - 33.40

EXTERIOR LIGHTS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



33.40.6 Position / Strobe Lights Installation-valid since P1102001

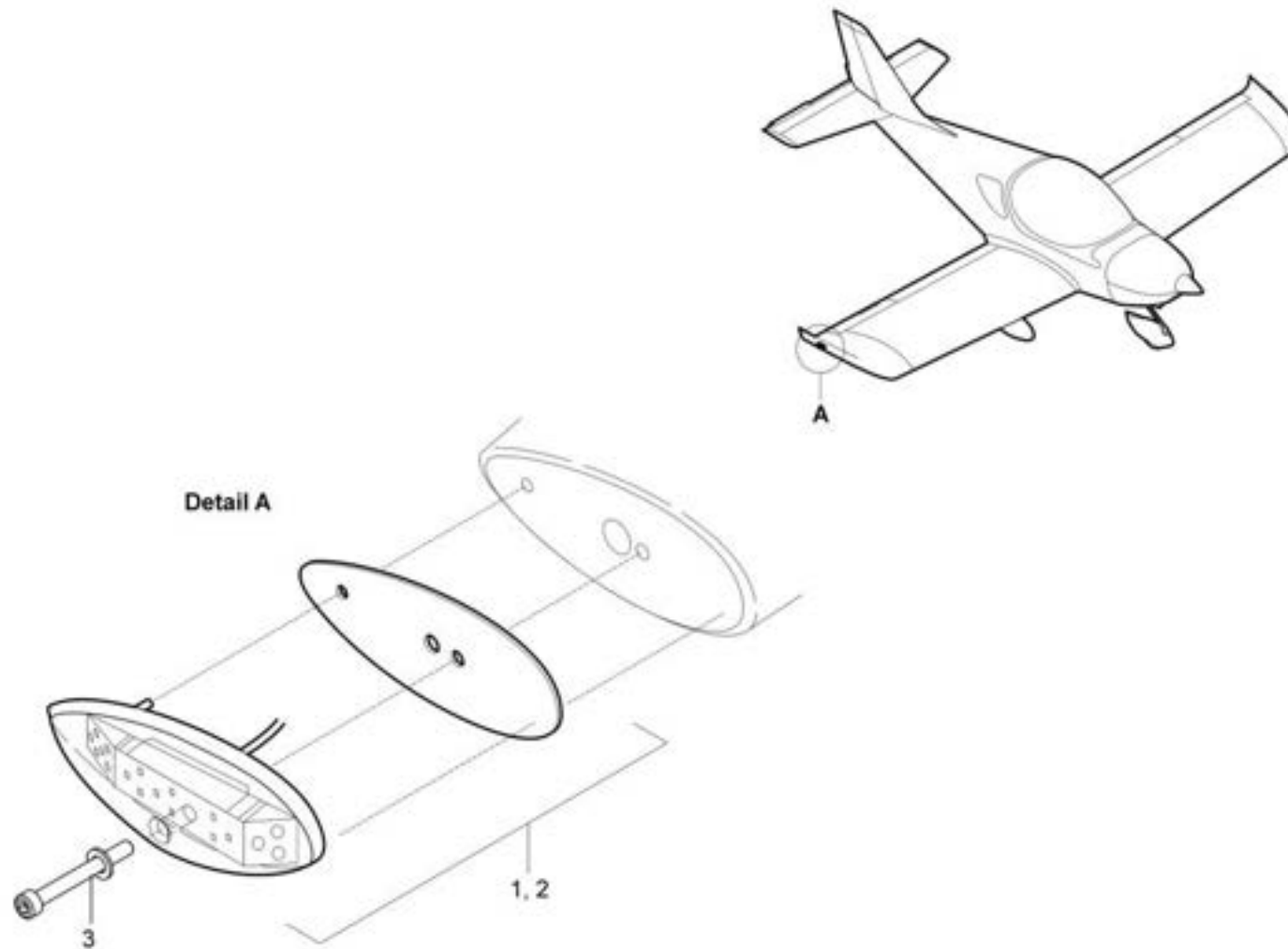


Fig. 33.40-6: Position / strobe lights installation-valid since P1102001



SECTION - 33.40

EXTERIOR LIGHTS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



33.40.7 Position / Strobe Lights Installation-valid since C0655

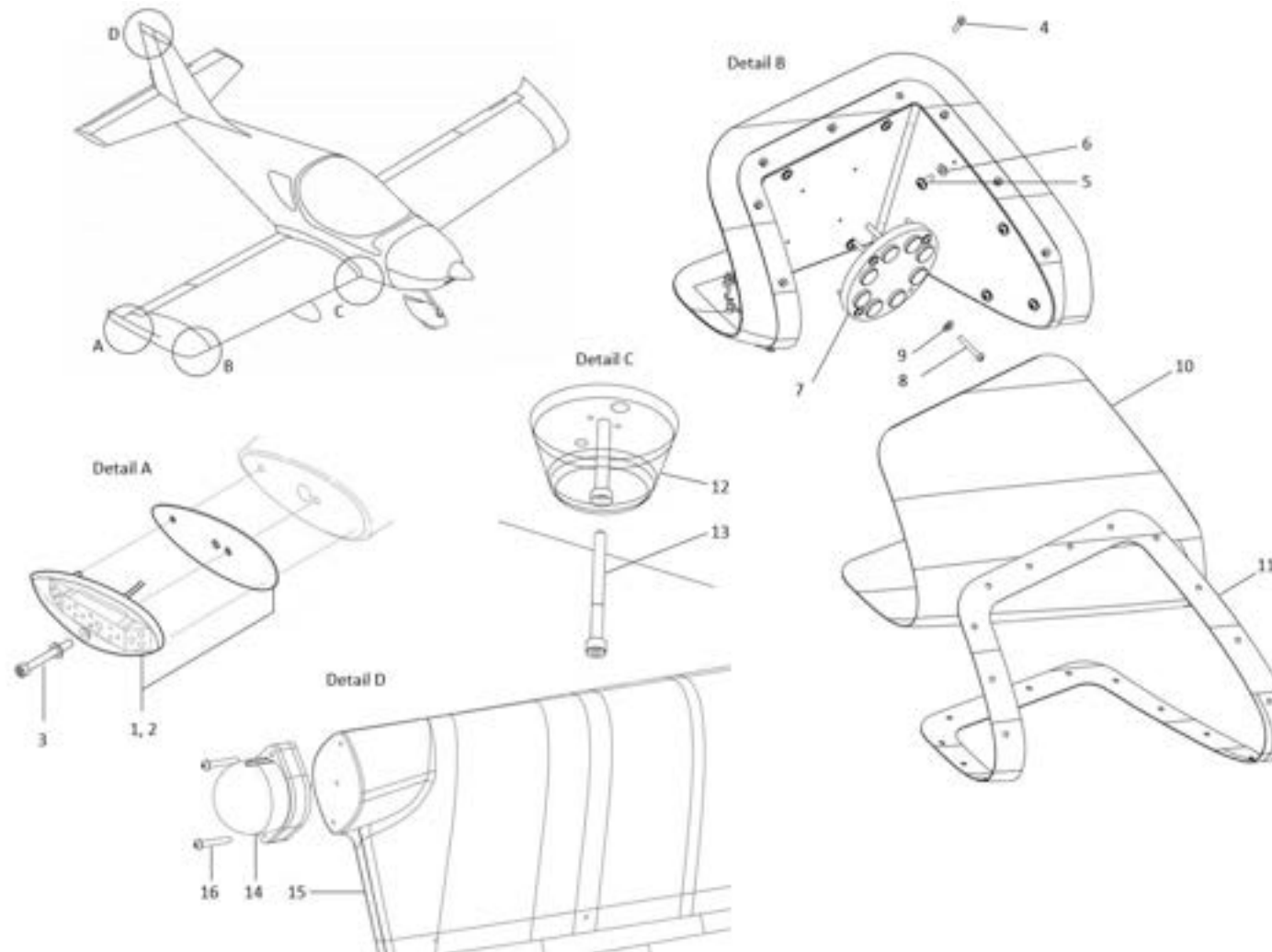


Fig. 33.40-7: Position / strobe lights installation-valid since C0655



SECTION - 33.40

EXTERIOR LIGHTS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



33.40.8 Position / Strobe Lights Installation-valid for VFR Night aircraft

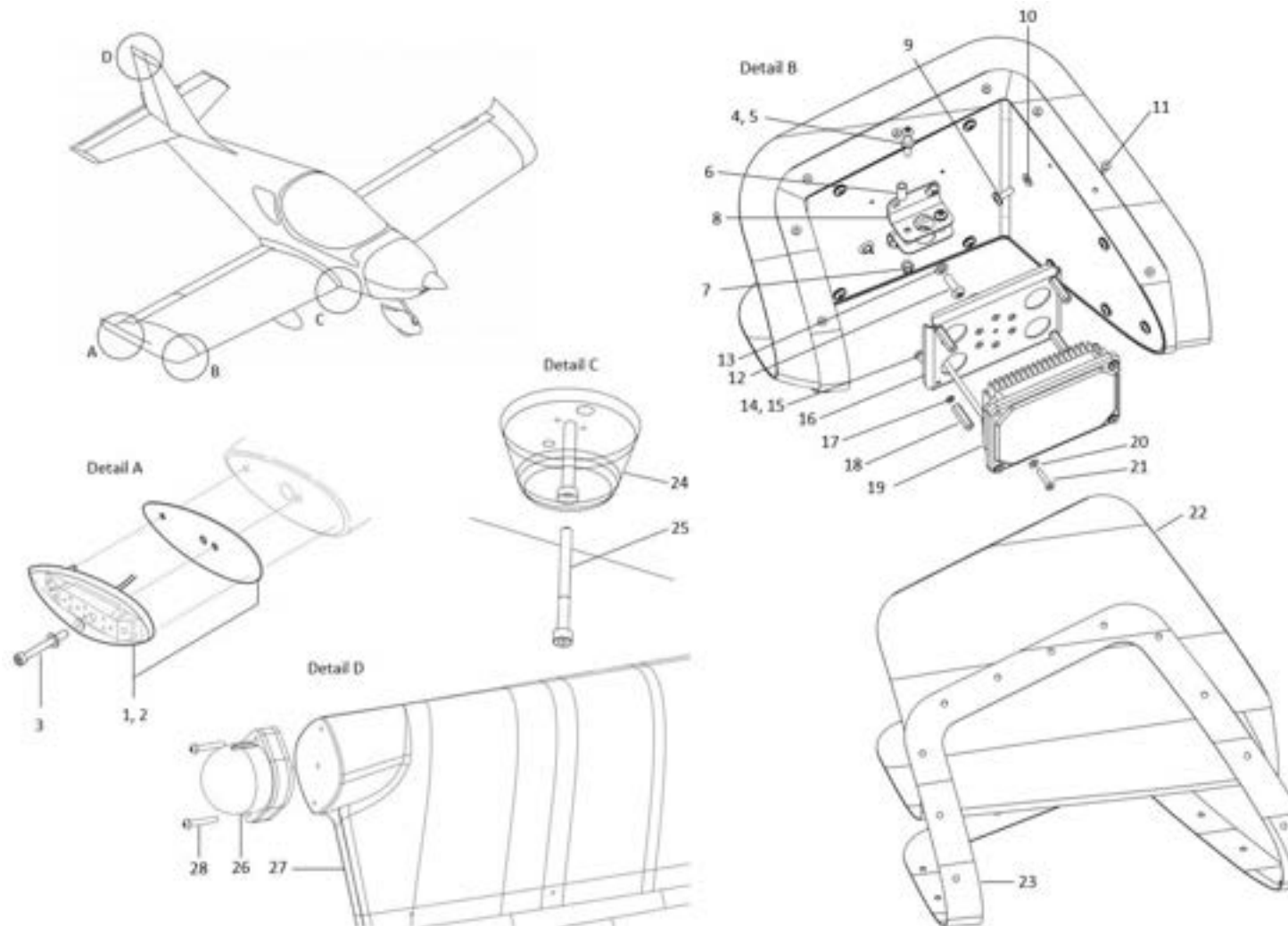


Fig. 33.40-8: Position / strobe lights installation-valid for VFR Night aircraft



SECTION - 33.40

EXTERIOR LIGHTS

[illegible]



34 NAVIGATION AND PITOT STATIC

34.10 PITOT STATIC

34.10	Pitot Static	34-1
34.10.1	Pitot Tube Installation	34-3



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34.10.1 Pitot Tube Installation

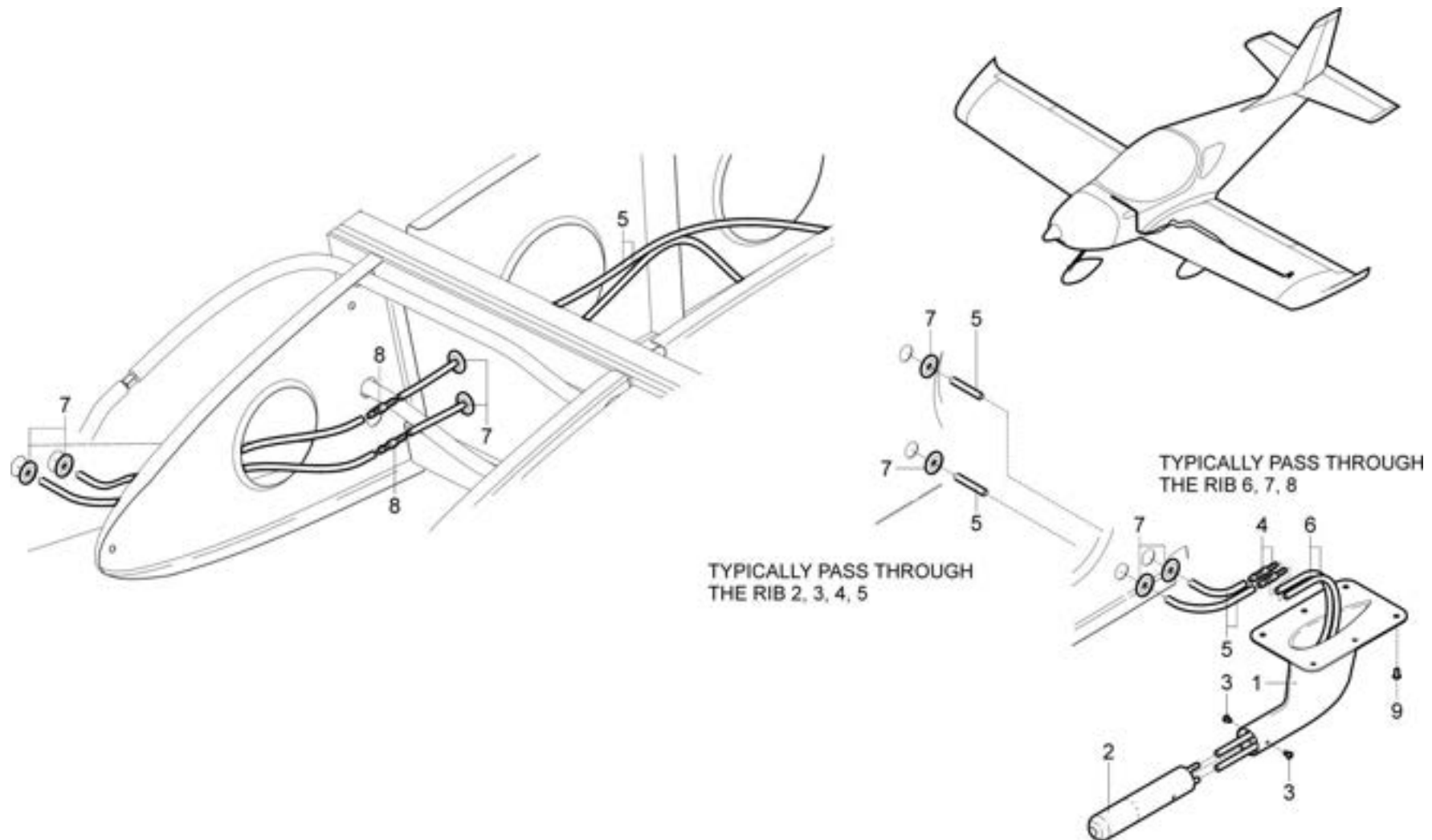


Fig. 34.10-1: Pitot tube installation

[illegible]



34 NAVIGATION AND PITOT STATIC

34.20 ATTITUDE AND DIRECTION

34.20	Attitude and Direction.....	34-5
34.20.1	Remote Compass Module Installation	34-7



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34.20.1 Remote Compass Module Installation

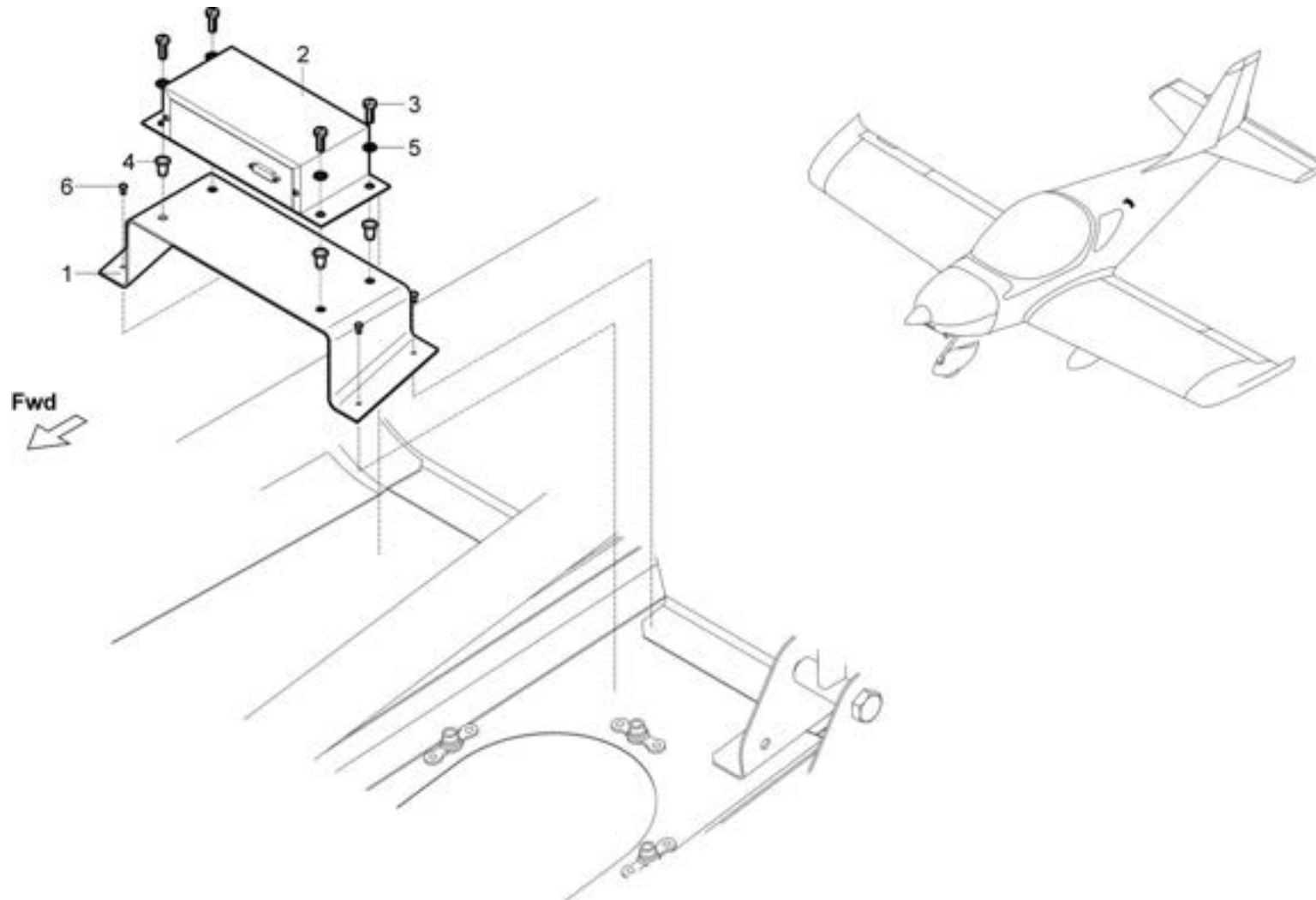
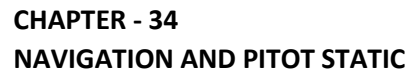


Fig. 34.20-1: Remote compass module installation



SECTION - 34.20
ATTITUDE AND DIRECTION

[illegible]



34 NAVIGATION AND PITOT STATIC

34.40 INDEPENDENT POSITION

34.40	Independent Position	34-9
34.40.1	GPS Antenna Installation	34-11
34.40.2	GPS Antenna Installation	34-13
34.40.3	GXM 40 Antenna Installation	34-15



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34.40.1 GPS Antenna Installation

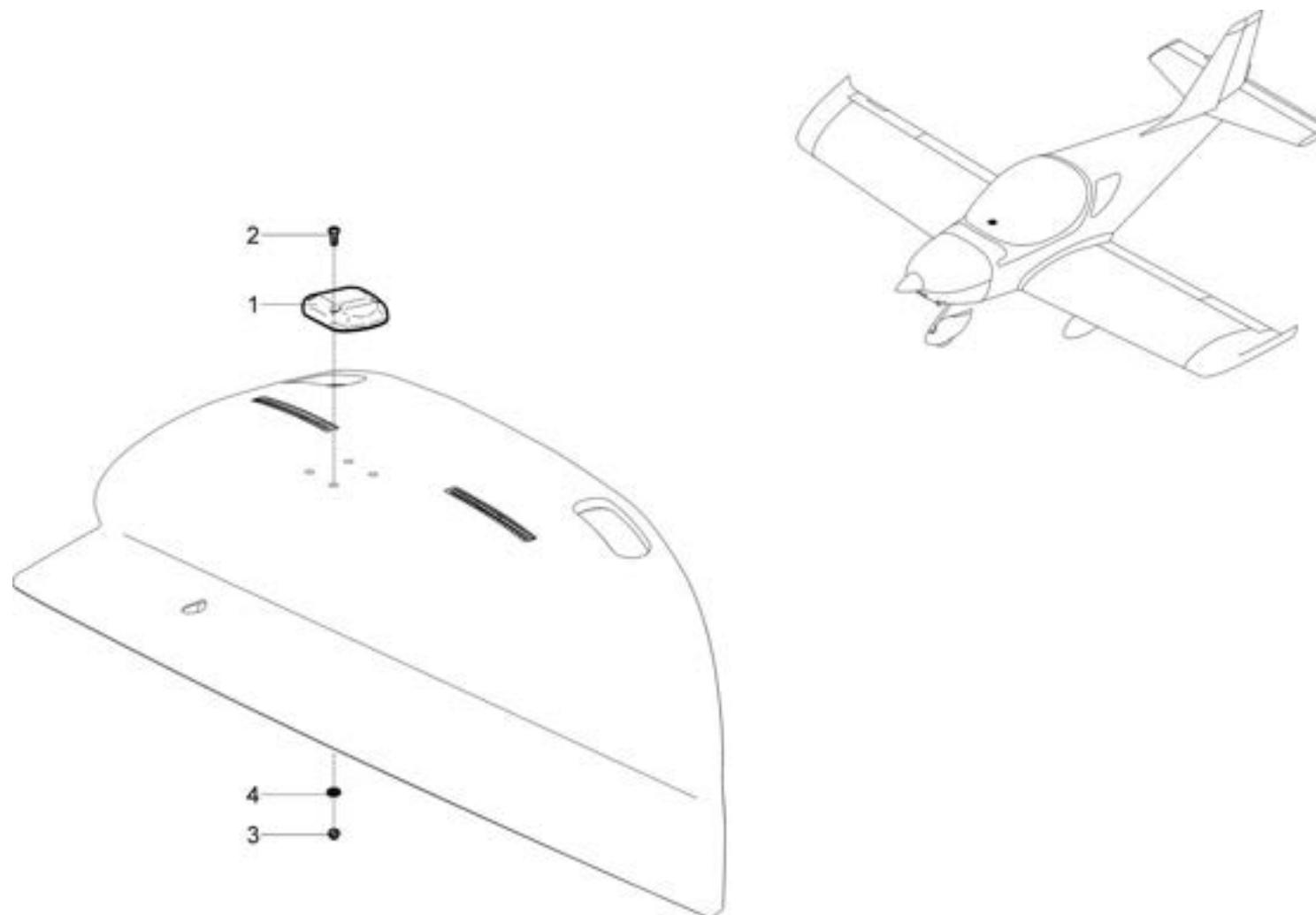
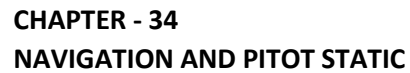


Fig. 34.40-1: GPS antenna installation



SECTION - 34.40

INDEPENDENT POSITION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



34.40.2 GPS Antenna Installation

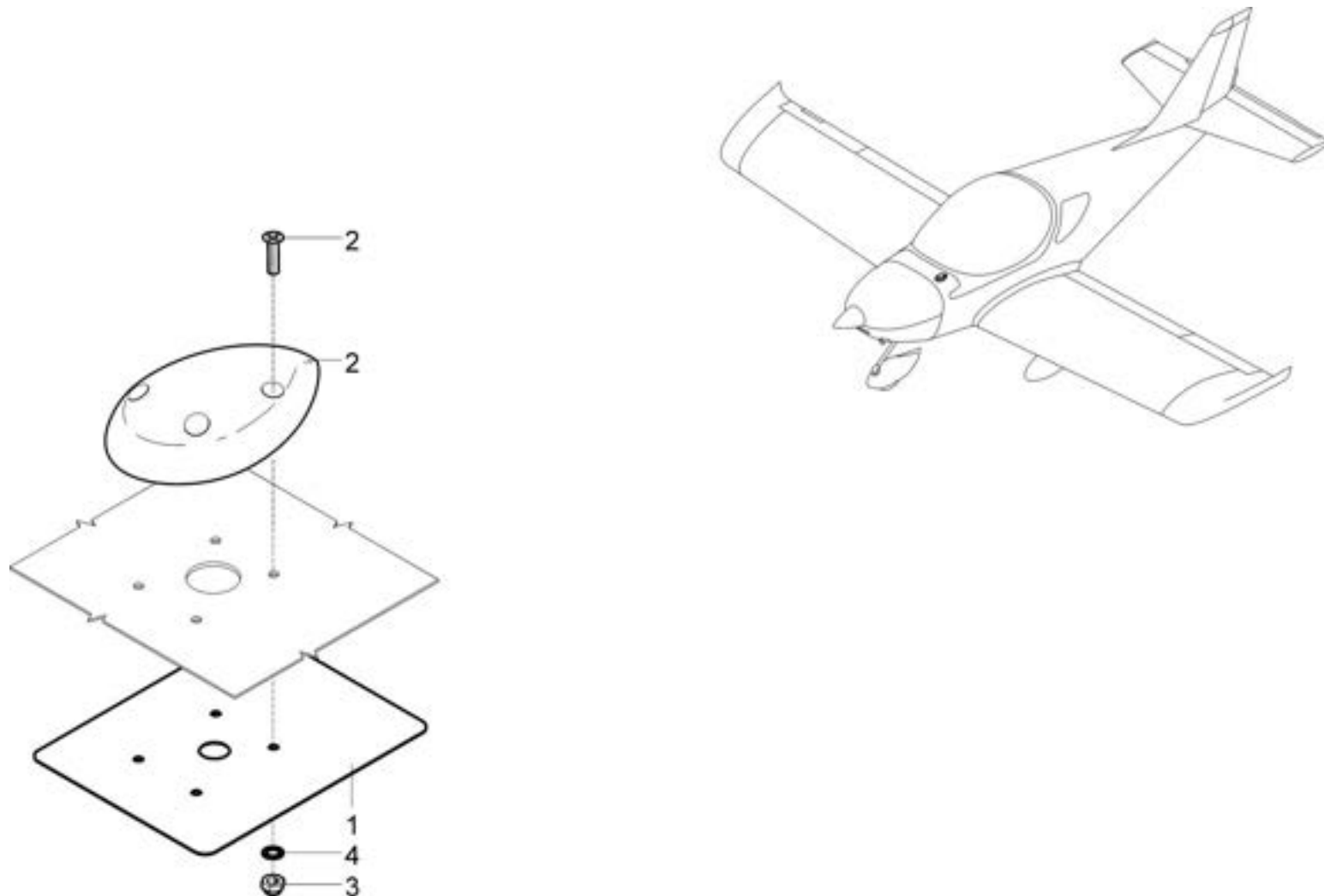


Fig. 34.40-2: GPS antenna installation



SECTION - 34.40
INDEPENDENT POSITION

[illegible]



34.40.3 GXM 40 Antenna Installation

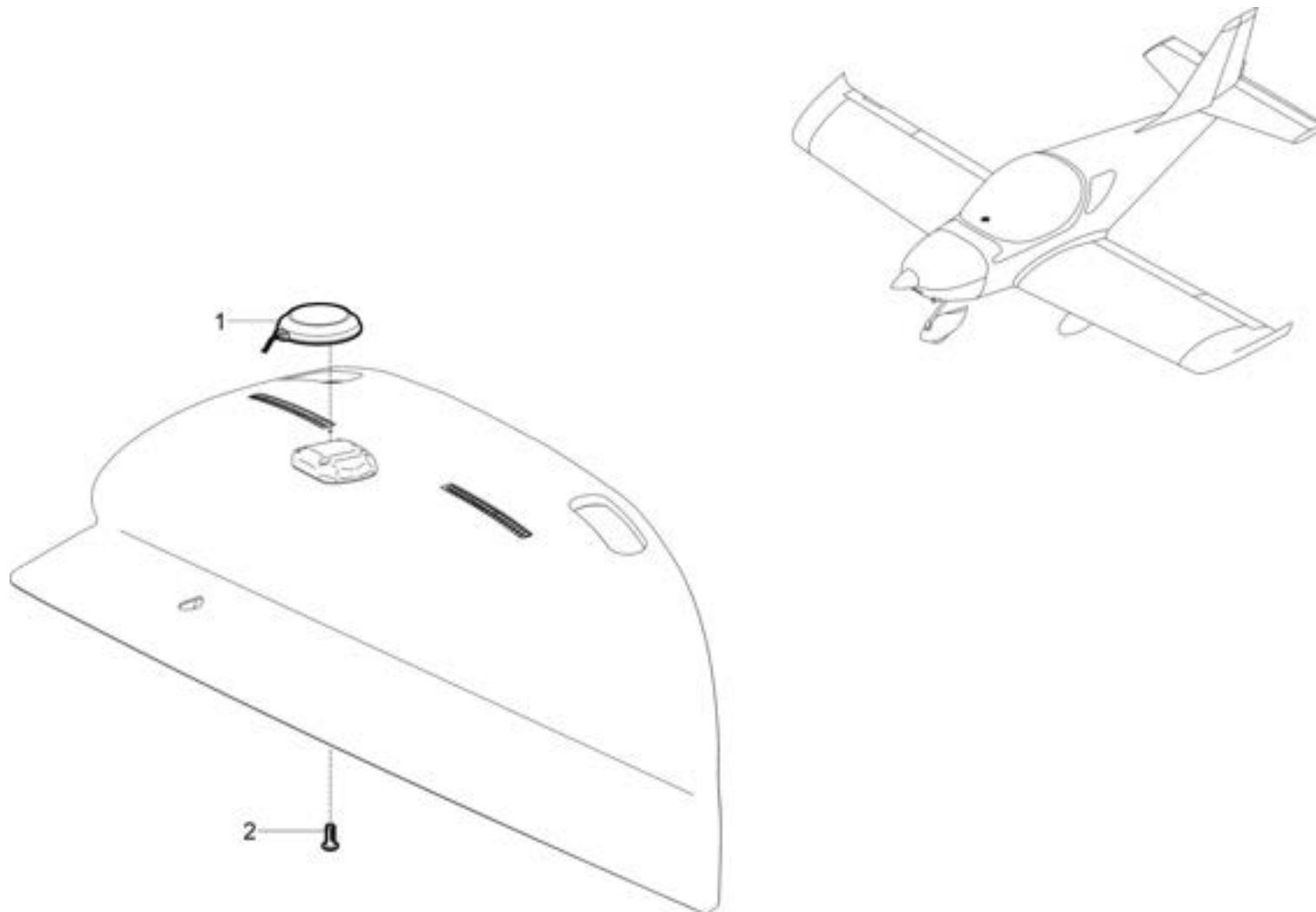


Fig. 34.40-3: GXM 40 antenna installation



SECTION - 34.40
INDEPENDENT POSITION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



34 NAVIGATION AND PITOT STATIC

34.50 DEPENDENT POSITION

34.50	Dependent Position.....	34-17
34.50.1	Transponder Installation	34-19
34.50.2	VOR Antenna Installation	34-21



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34.50.1 Transponder Installation

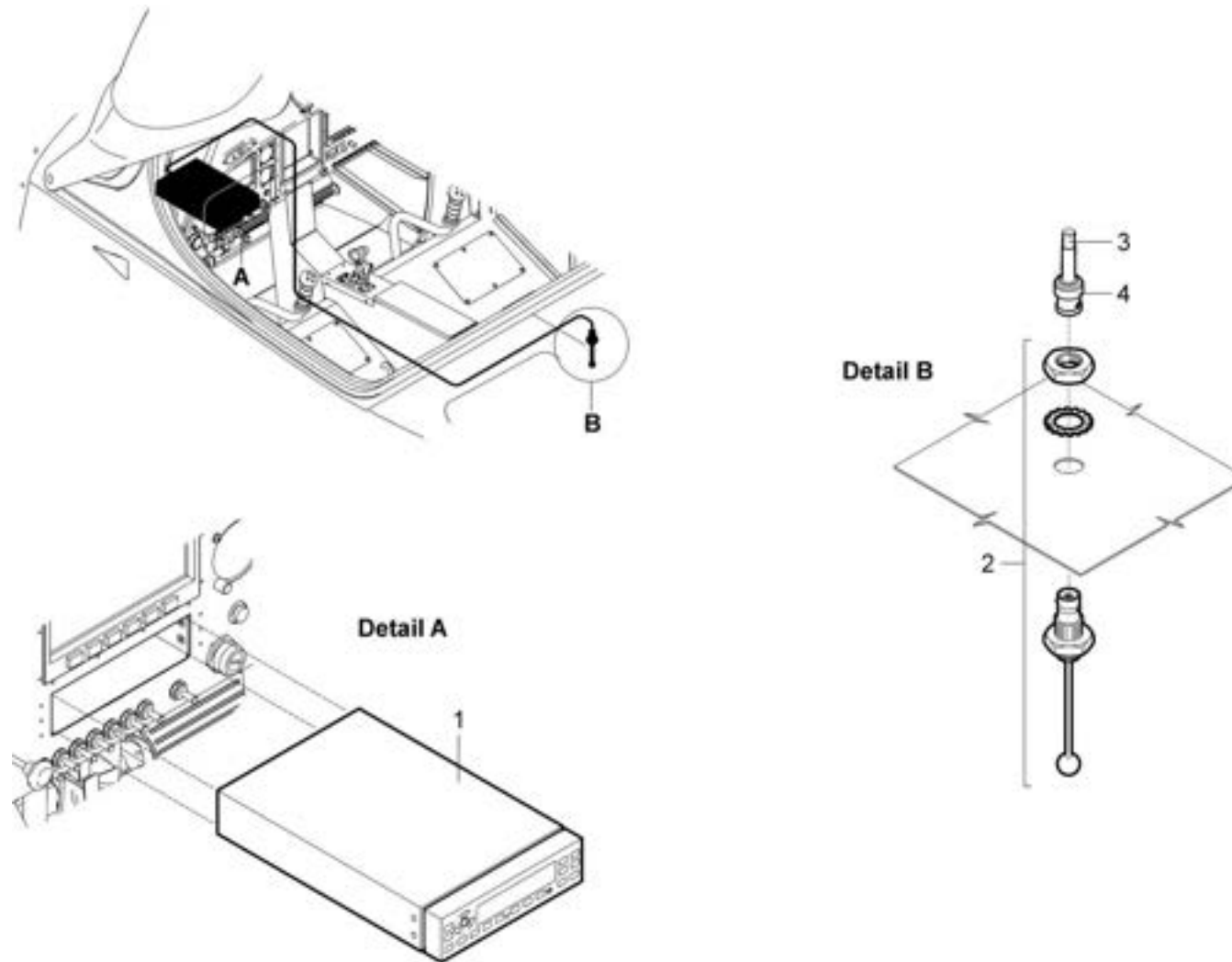
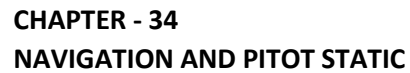


Fig. 34.50-1: Transponder installation



SECTION - 34.50
DEPENDENT POSITION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



34.50.2 VOR Antenna Installation

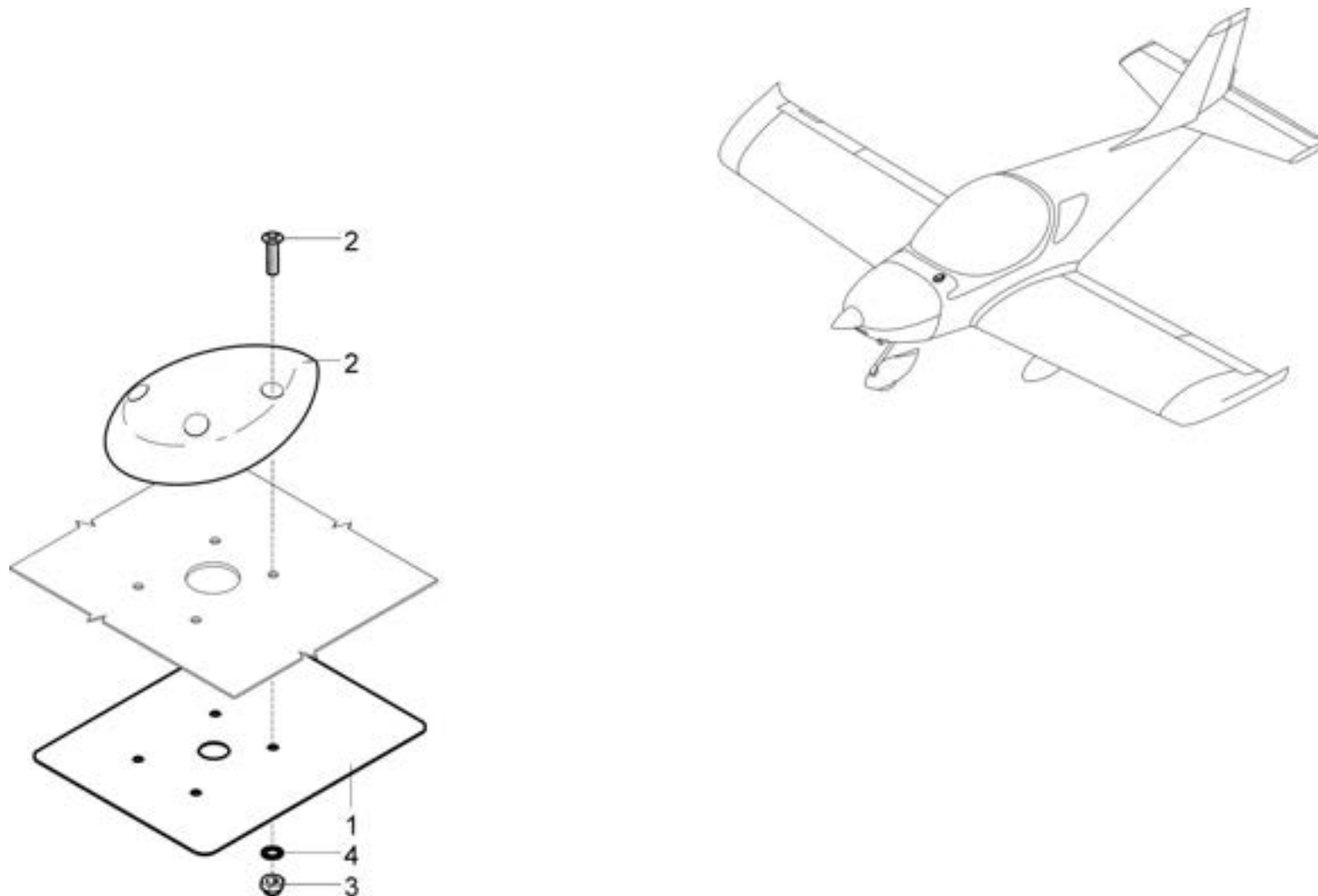


Fig. 34.50-2: VOR antenna installation



SECTION - 34.50
DEPENDENT POSITION

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



34 NAVIGATION AND PITOT STATIC

34.60 LIFT DETECTOR

34.60	Lift Detector.....	34-23
34.60.1	Lift Detector.....	34-25



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34.60.1 Lift Detector

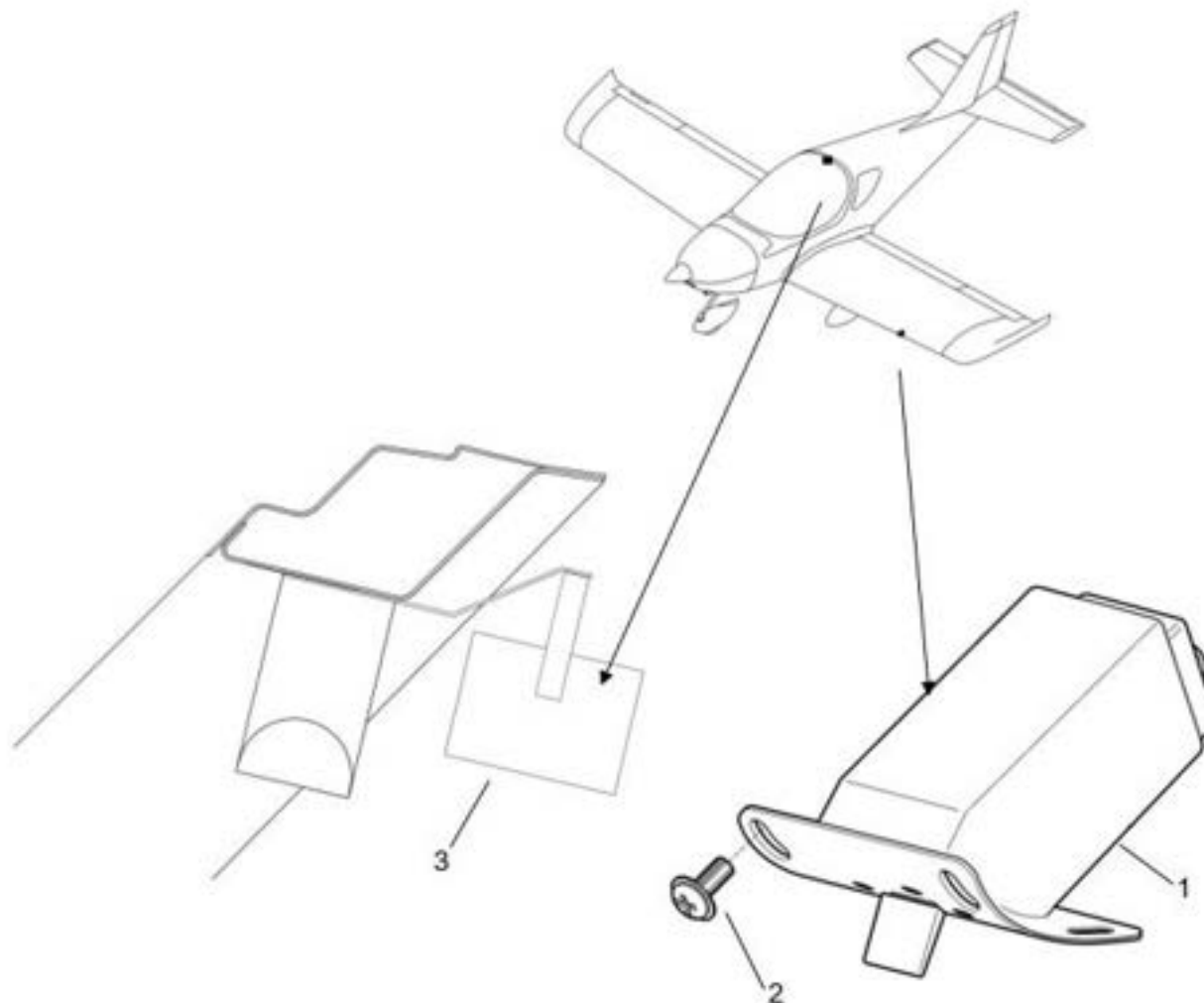
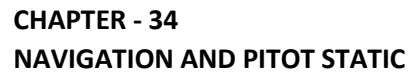


Fig. 34.60-1: Lift detector



SECTION - 34.60

LIFT DETECTOR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



39 ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

39.10 INSTRUMENT PANEL

39.10	Instrument Panel	39-1
39.10.1	Instrument Panel Cover Installation.....	39-3
39.10.2	Instrument Panel I Assy-valid since P1102001	39-5
39.10.3	Left Panel Assy-valid since P1102001.....	39-7
39.10.1	Middle Panel Assy-valid since P1102001	39-9
39.10.2	Right Panel Assy-valid since P1102001	39-11
39.10.3	Instrument Panel II Assy-valid since P1102001	39-13
39.10.4	Left Panel Assy-valid since P1102001.....	39-15
39.10.5	Middle Panel Assy-valid since P1102001	39-17
39.10.6	Right Panel Assy-valid since P1102001	39-19
39.10.7	Instrument Panel III Assy-valid since P1102001.....	39-21
39.10.8	Middle Panel Assy-valid since P1102001	39-23
39.10.9	Instrument Panel IV Assy.....	39-25
39.10.10	Middle Panel Assy.....	39-27
39.10.11	Instrument Panel V Assy-valid since P1102001.....	39-29
39.10.12	Left Panel Assy-valid since P1102001.....	39-31
39.10.13	Right Panel Assy-valid since P1102001	39-33
39.10.14	Instrument Panel VI Assy-valid since P1102001.....	39-35
39.10.15	Middle Panel Assy-valid since P1102001	39-39
39.10.16	Instrument Panel VII Assy-valid since P1102001.....	39-41



CHAPTER - 39
ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

SECTION - 39.10
INSTRUMENT PANEL

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

39.10.17	Left Panel Assy-valid since P1102001.....	39-45
39.10.18	Right Panel Assy-valid since P1102001	39-47
39.10.19	Instrument Panel VIII Assy-valid since P1102050.....	39-49
39.10.20	Instrument Panel IX Assy-valid since P1102050.....	39-51
39.10.21	Middle Panel Assy-valid since P1102050	39-53
39.10.22	Instrument Panel X Assy-valid since P1102001.....	39-55
39.10.23	Instrument panel XI assy-valid since C0655	39-59



39.10.1 Instrument Panel Cover Installation

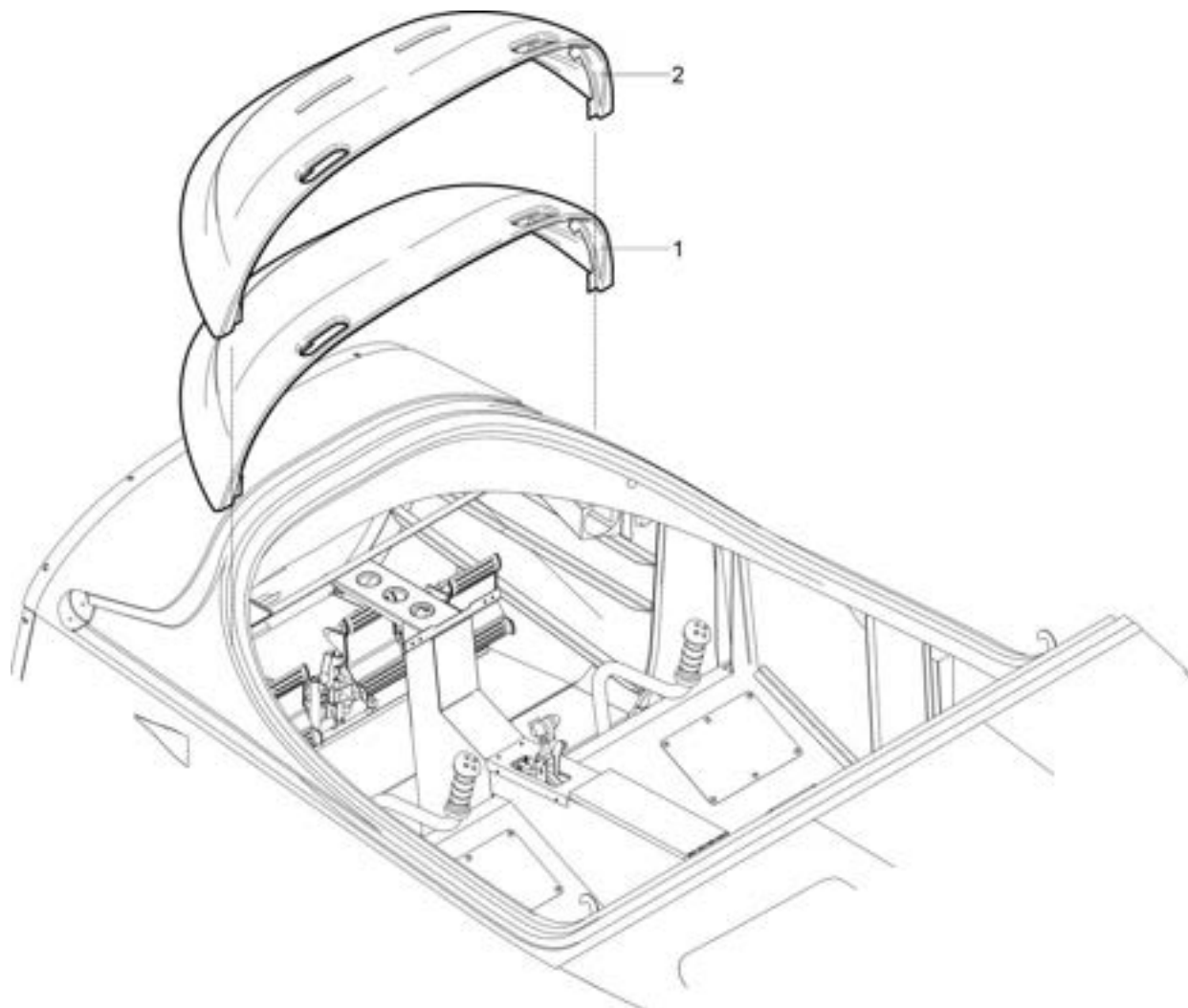


Fig. 39.10-1: Instrument panel cover installation

[illegible][illegible]



39.10.2 Instrument Panel I Assy-valid since P1102001

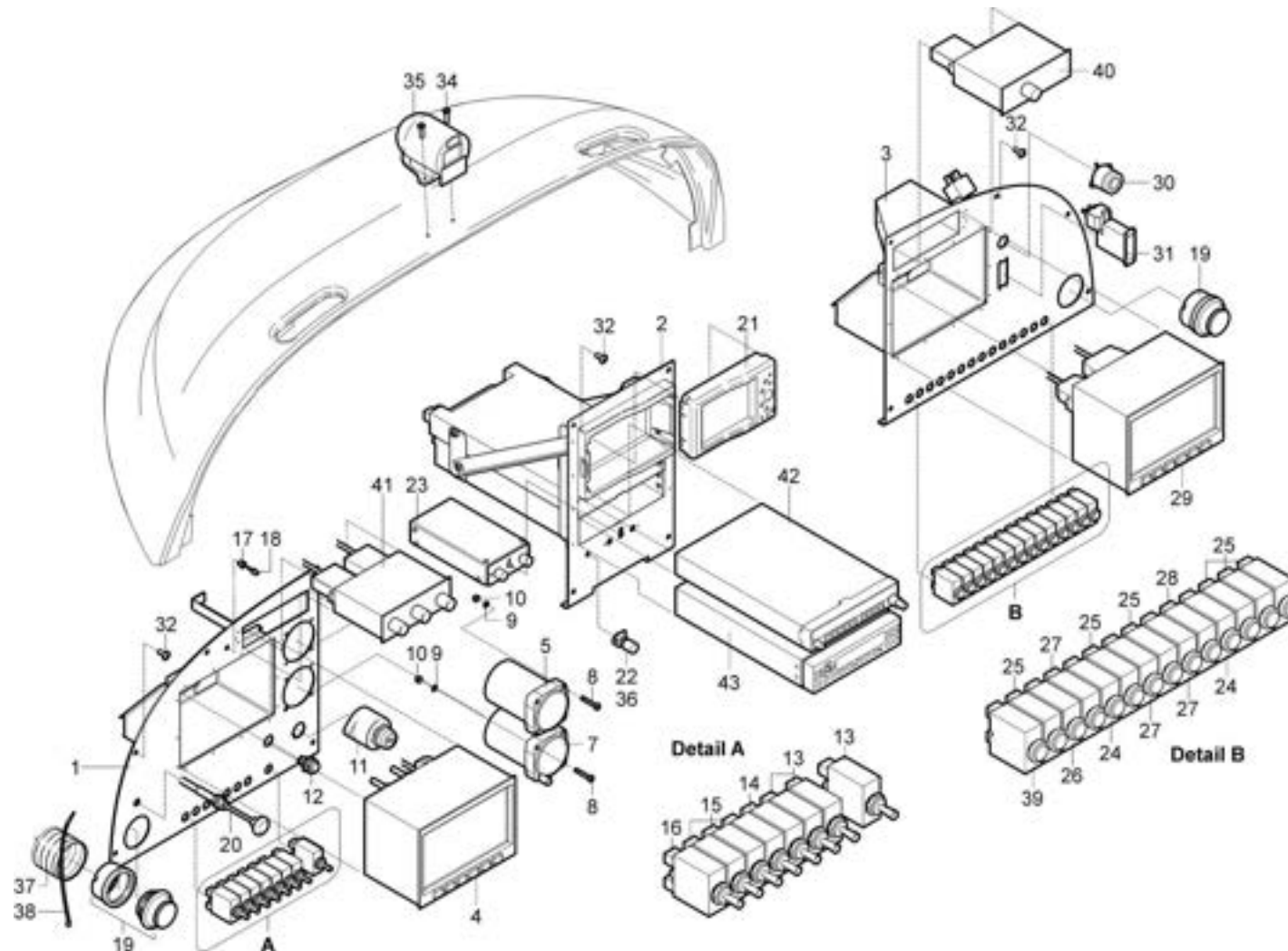


Fig. 39.10-2: Instrument panel I assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-2: Instrument panel I assy-valid since P1102001				
1	SI0601N	LEFT PANEL ASSEMBLY	1	
2	SI0701N	MIDDLE PANEL ASSEMBLY	1	
3	SI0801N	RIGHT PANEL ASSEMBLY	1	
4	100534-001	EFIS D-100	1	
5	16-211-160	ASI UMA 2 ¼ 20-160 kts	1	
6				INTENTIONALLY LEFT BLANK
7	5-410-20	ALT 2 ¼ 0-2000 ft, ft/mb	1	
8	3111X416	BOLT M4x25	7	
9	DIN 6798A	WASHER 4	7	
10	DIN 934	NUT M4	7	
11	ACS A-510-2	IGNITION SWITCH	1	
12	6902T001	PUSHBUTTON 250V/2A	1	
13	W31X2M1G5	SW/CIRCUIT BREAKER 5A	3	
14	W31X2M1G10	SW/CIRCUIT BREAKER 10A	1	
15	66510000	TOGGLE SWITCH	3	
16	W31X2M1G25	SW/CIRCUIT BREAKER 25A	1	
17	66505003	LED HOLDER 5 mm	1	
18	66505004	LED, YELLOW 5 mm	1	
19	AVE.BVBLK-200	AIR VENT	2	
20	3800D031	PARK. BRAKE CONTROL ROD	1	
21	010-00573-01	GPS MAP 495 ATLANTIC	1	
22	6653P001	POTENTIOMETER 10k/G	1	
23	PM 3000	INTERCOM	1	
24	W58XC4C12A1	CIRCUIT BREAKER 1A	2	
25	W58XC4C12A2	CIRCUIT BREAKER 2A	6	
26	W58XC4C12A3	CIRCUIT BREAKER 3A	1	
27	W58XC4C12A5	CIRCUIT BREAKER 5A	3	
28	W58XC4C12A7	CIRCUIT BREAKER 7A	1	
29	100584-001	EMS D-120	1	
30	AK-451	ELT BUZZER	1	

[illegible]



39.10.3 Left Panel Assy-valid since P1102001

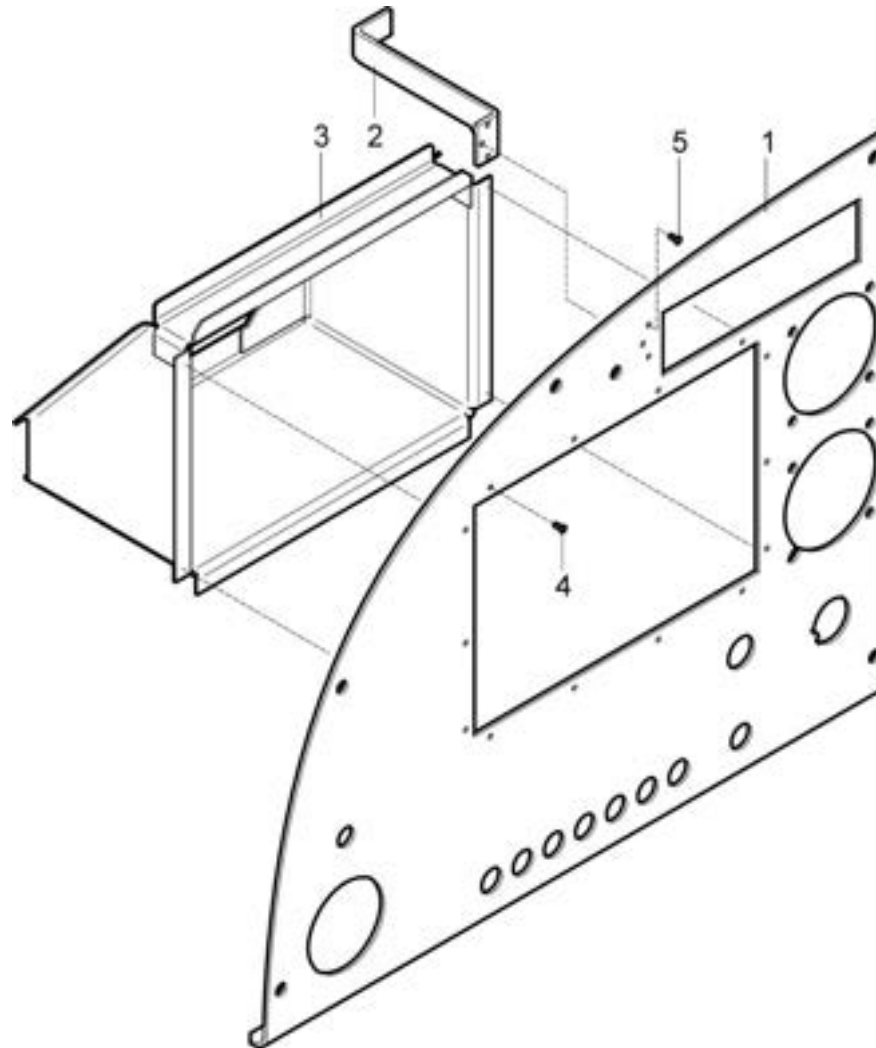


Fig. 39.10-3: Left panel assy-valid since P1102001

[illegible][illegible]



39.10.4 Middle Panel Assy-valid since P1102001

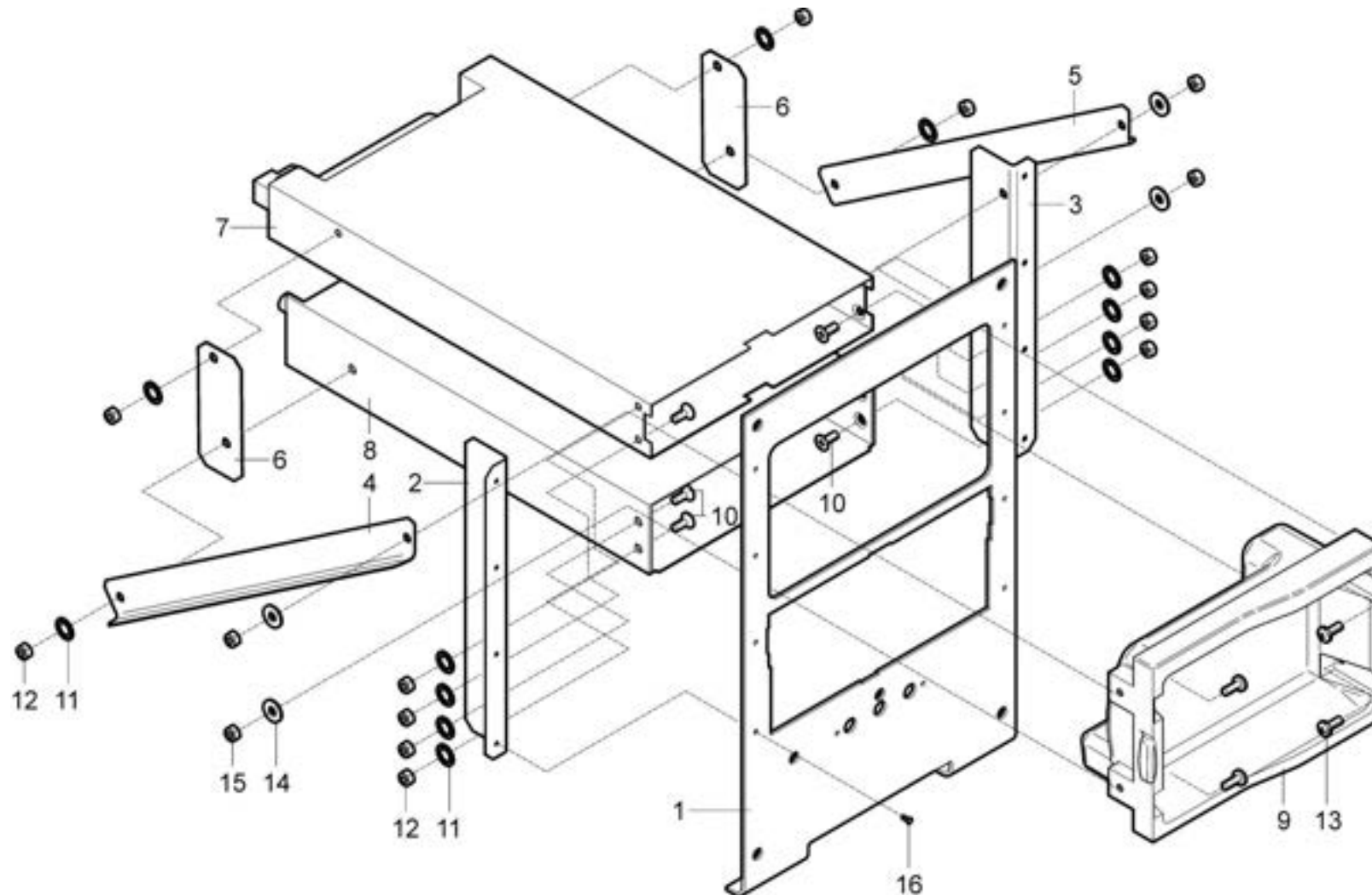


Fig. 39.10-4: Middle panel assy-valid since P1102001

[illegible][illegible]



39.10.5 Right Panel Assy-valid since P1102001

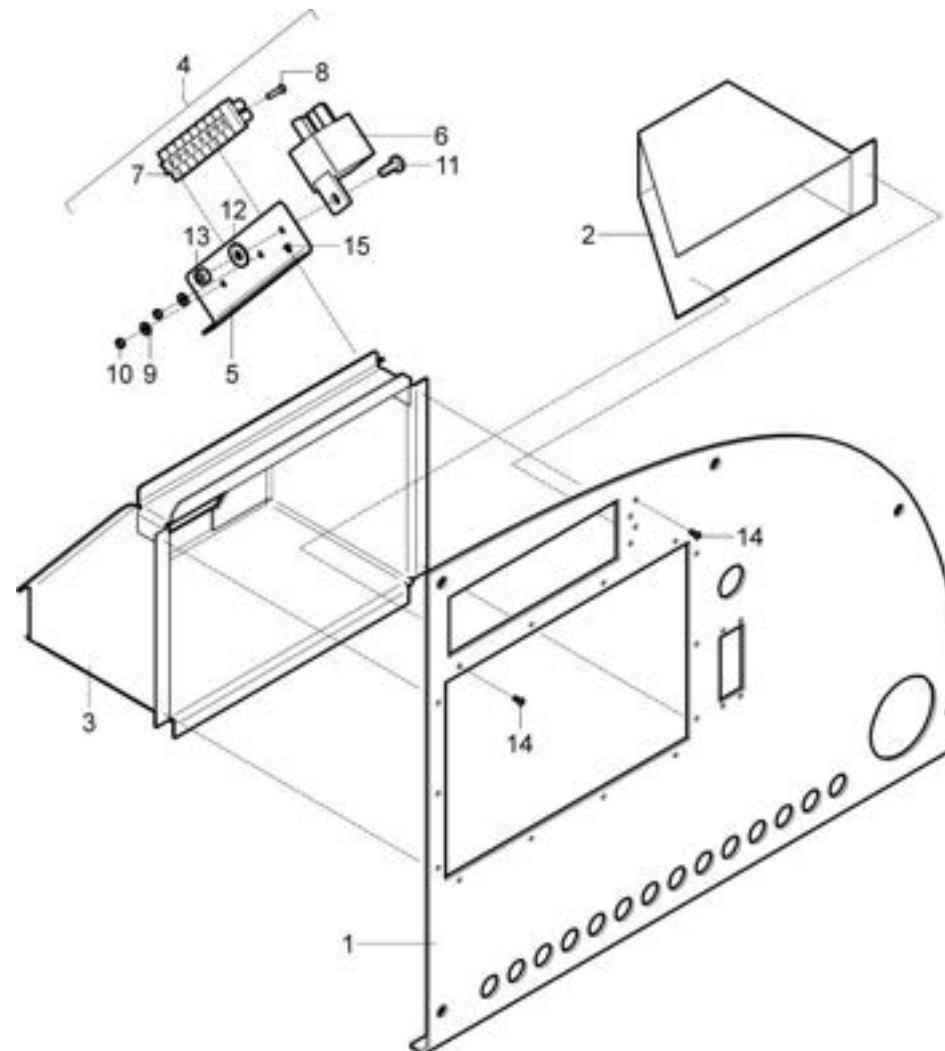


Fig. 39.10-5: Right panel assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.6 Instrument Panel II Assy-valid since P1102001

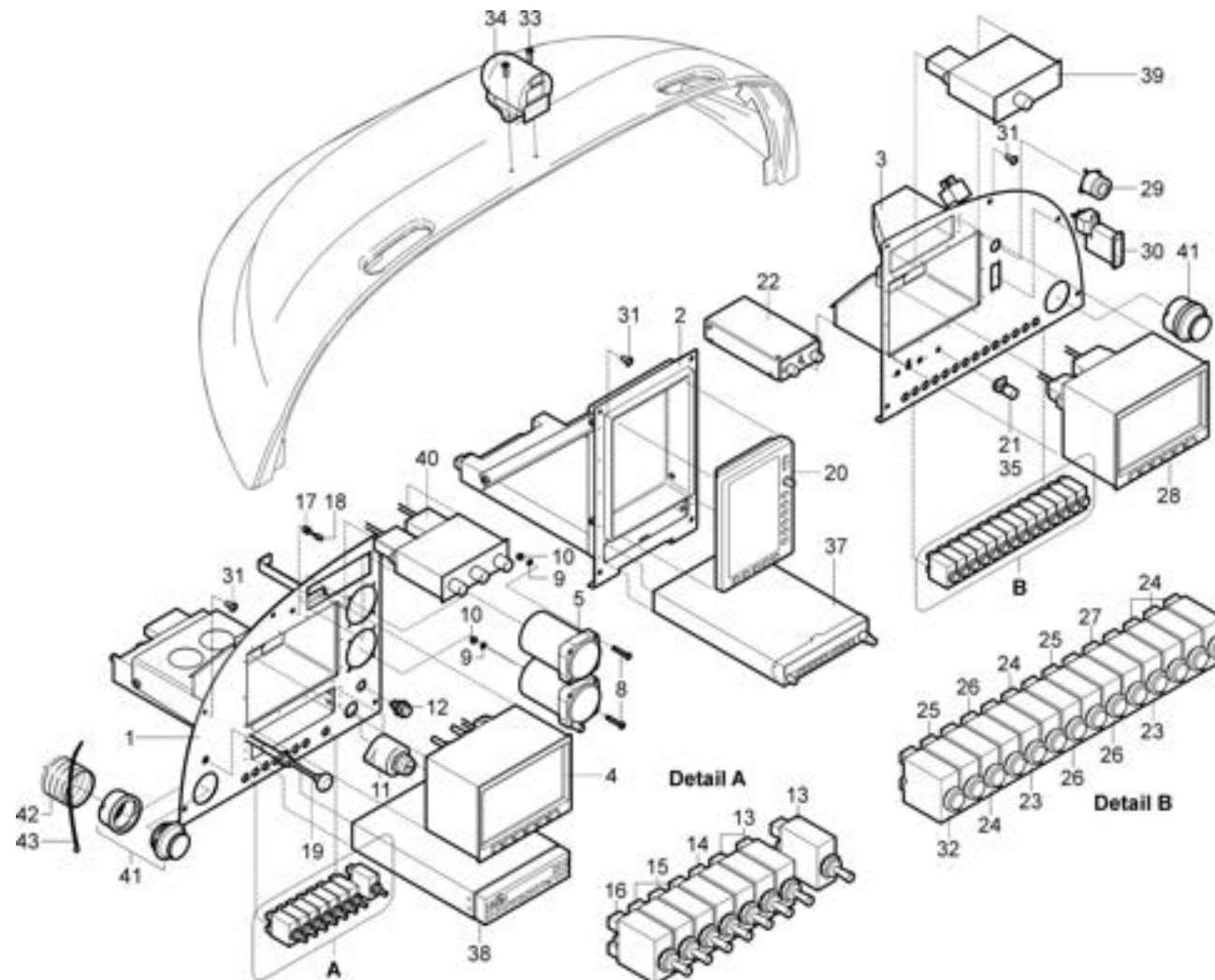


Fig. 39.10-6: Instrument panel II assy-valid since P1102001

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-6: Instrument panel II assy-valid since P1102001				
1	SI0611N	LEFT PANEL ASSEMBLY	1	
2	SI0711N	MIDDLE PANEL ASSEMBLY	1	
3	SI0811N	RIGHT PANEL ASSEMBLY	1	
4	100534-001	EFIS D-100	1	
5	16-211-160	ASI UMA 2 ¼ 20-160 kts	1	
6				INTENTIONALLY LEFT BLANK
7	5-410-20	ALT 2 ¼ 0-2000 ft, ft/mb	1	
8	3111X416	BOLT M4x25	7	
9	DIN 6798A	WASHER 4	7	
10	DIN 934	NUT M4	7	
11	ACS A-510-2	IGNITION SWITCH	1	
12	6902T001	PUSHBUTTON 250V/2A	1	
13	W31X2M1G5	SW/CIRCUIT BREAKER 5A	3	
14	W31X2M1G10	SW/CIRCUIT BREAKER 10A	1	
15	66510000	TOGGLE SWITCH	3	
16	W31X2M1G25	SW/CIRCUIT BREAKER 25A	1	
17	66505003	LED HOLDER 5 mm	1	
18	66505004	LED, YELLOW 5 mm	1	
19	3800D031	PARK. BRAKE CONTROL ROD	1	
20	010-00667-50	GPS MAP 695 AMERICA	1	
21	6653P001	POTENTIOMETER 10k/G	1	
22	PM 3000	INTERCOM	1	
23	W58XC4C12A1	CIRCUIT BREAKER 1A	2	
24	W58XC4C12A2	CIRCUIT BREAKER 2A	5	
25	W58XC4C12A3	CIRCUIT BREAKER 3A	2	
26	W58XC4C12A5	CIRCUIT BREAKER 5A	3	
27	W58XC4C12A7	CIRCUIT BREAKER 7A	1	
28	100584-001	EMS D-120	1	
29	AK-451	ELT BUZZER	1	
30	AK-451	ELT REMOTE UNIT	1	

[illegible]



39.10.7 Left Panel Assy-valid since P1102001

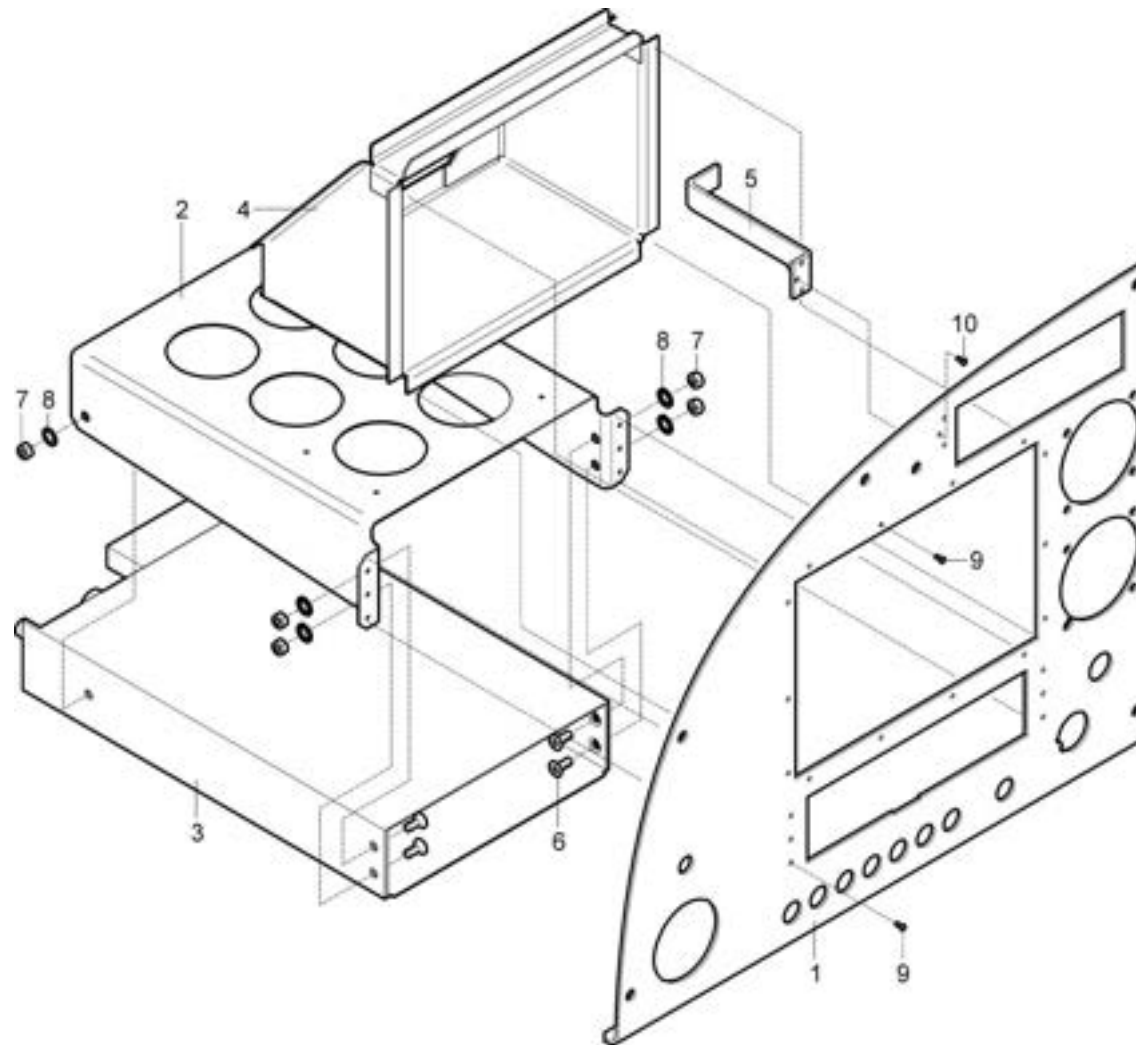


Fig. 39.10-7: Left panel assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.8 Middle Panel Assy-valid since P1102001

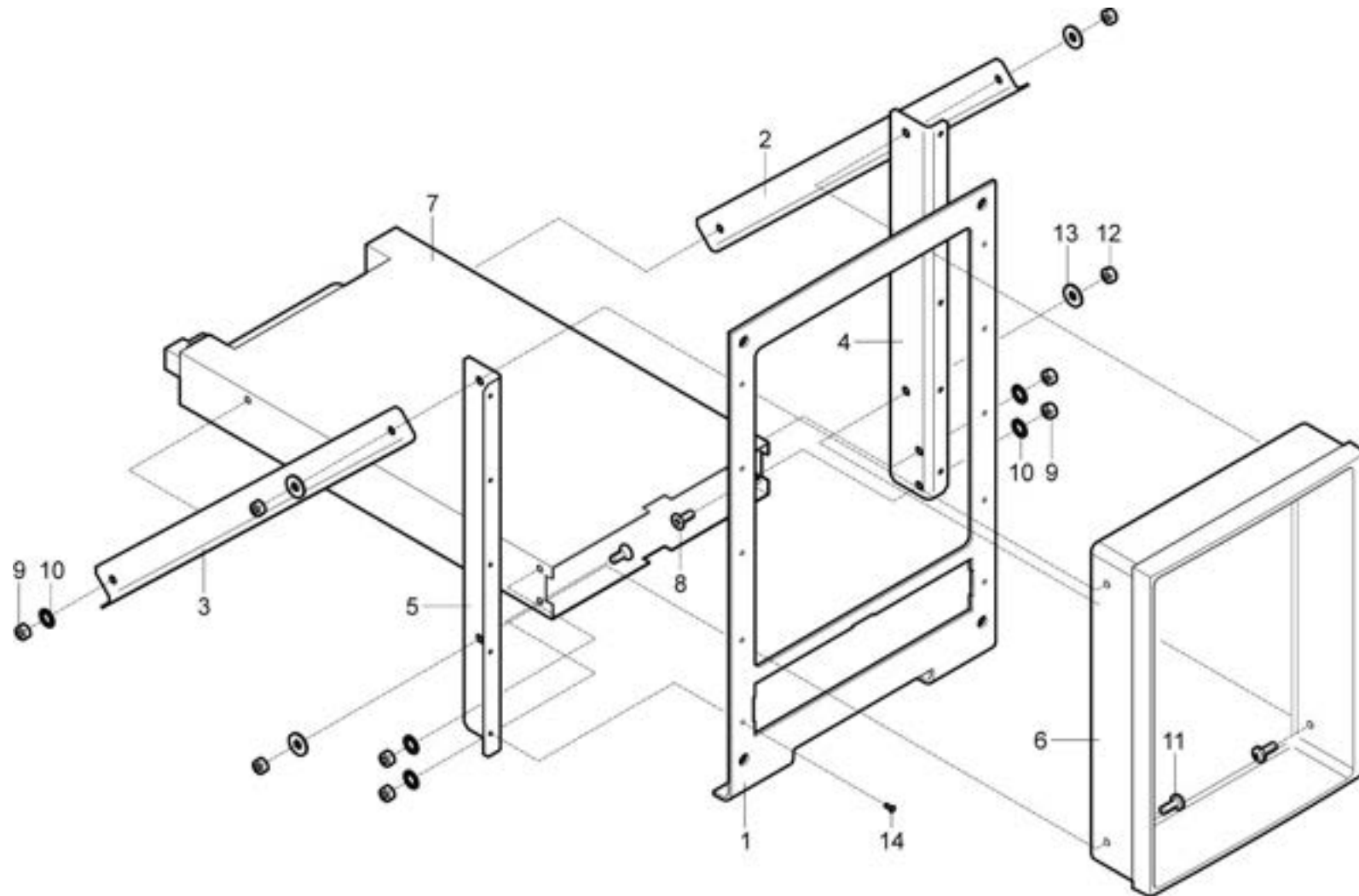


Fig. 39.10-8: Middle panel assy-valid since P1102001

[illegible][illegible]



39.10.9 Right Panel Assy-valid since P1102001

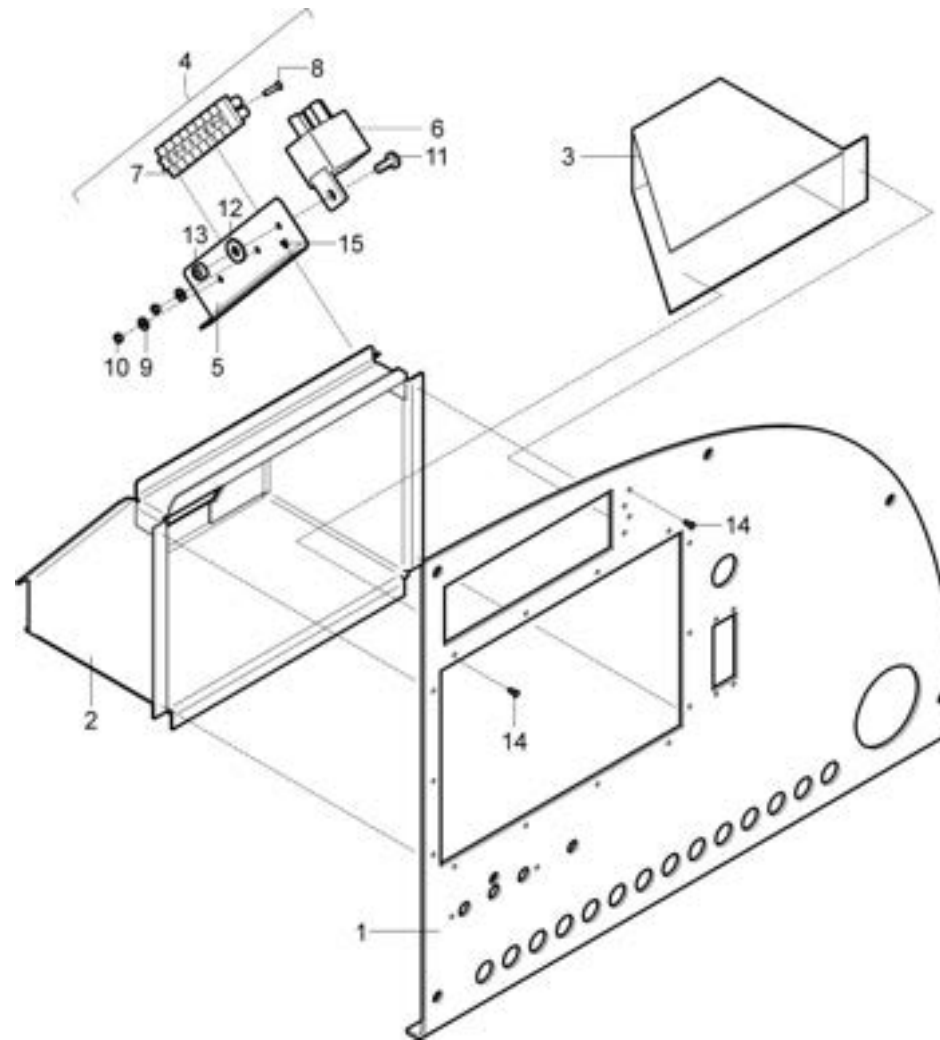


Fig. 39.10-9: Right panel assy-valid since P1102001

[illegible][illegible]



39.10.10 Instrument Panel III Assy-valid since P1102001

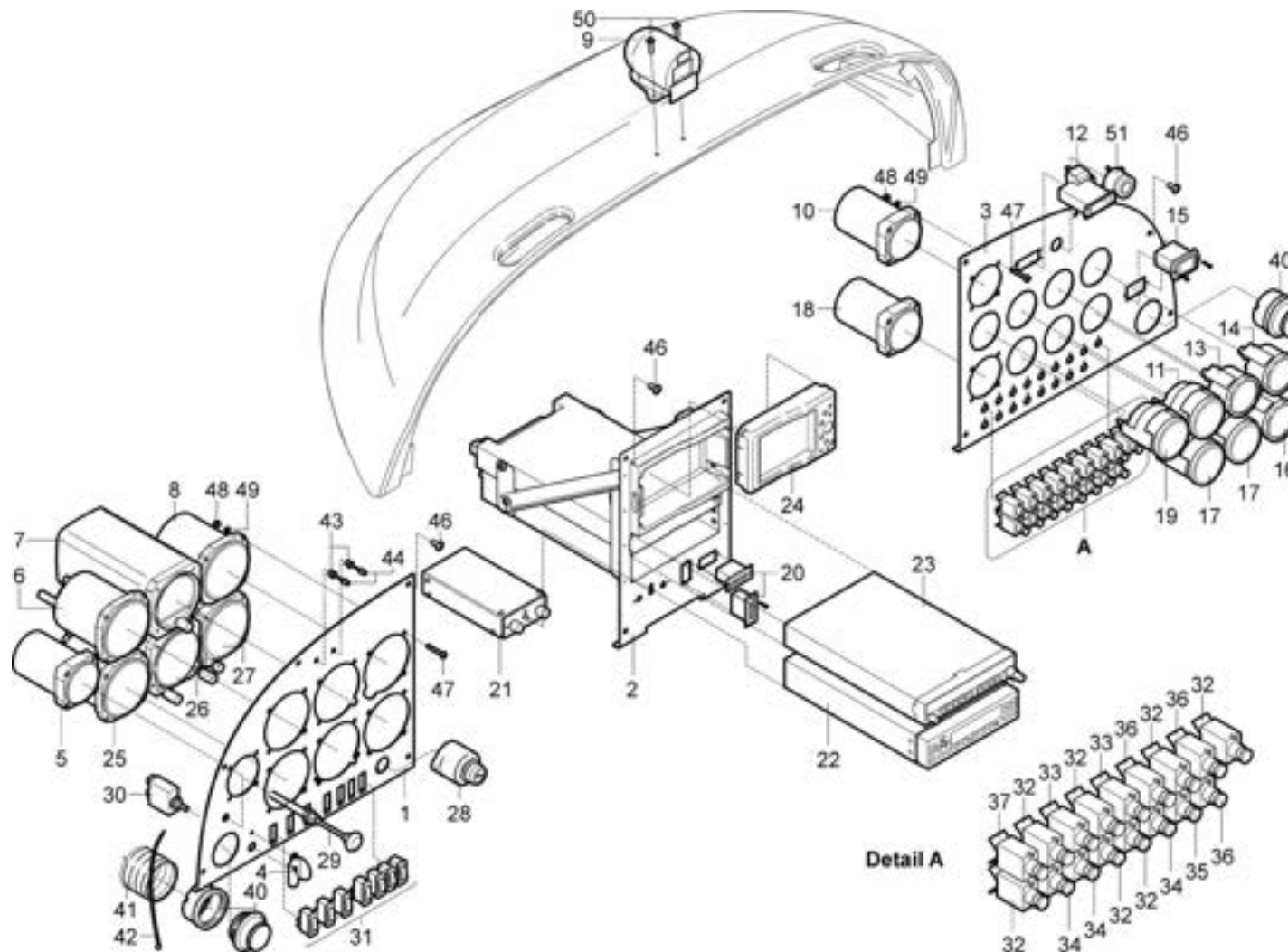


Fig. 39.10-10: Instrument panel III assy-valid since P1102001

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-10: Instrument panel III assy-valid since P1102001				
1	SI0639N	LEFT PANEL	1	
2	SI0740N	MIDDLE PANEL ASSEMBLY	1	
3	SI0840N	RIGHT PANEL	1	
4	SI0907N	CIRCUIT BREAKER GUARD	1	
5	6102VSI6	VSI BC-6A	1	
6	16-311-160	ASI UMA 3 1/8 20-160 kts	1	
7	GH02E-3L	ARTIF. HORIZON FALCON	1	
8	6102ALT1	ALT BG-3E	1	
9	CM-24L	MAGNETIC COMPASS	1	
10	7-100-20	MAN. PRESS. INDICATOR	1	
11	XIE4.0013.00	OIL PRESS. INDICATOR	1	
12	AK-451	ELT REMOTE UNIT	1	
13	XIH4.0010.00	OIL TEMP. INDICATOR	1	
14	6312R001	CHT INDICATOR	1	
15	HOBBS 15000	HOURLMETER	1	
16	XII4.0002.00	VOLTMETER	1	
17	265280	FUEL QTY INDICATOR	2	
18	6312UMA1	FUEL PRESS. INDICATOR	1	
19	XIF4.0008.03	RPM INDICATOR	1	
20	RP3 LED	TRIM TAB INDICATOR	2	
21	PM 3000	INTERCOM	1	
22	010-00634-01	TRANSPONDER GTX-328	1	
23	013-00105-01	NAV/COMM SL-30	1	
24	010-00573-00	GPS MAP 495 AMERICA	1	
25	BZW-4B	TURN INDICATOR	1	
26	RCA 15AK-1	DIRECTIONAL GYRO	1	
27	013-00048-00	CDI GARMIN GI-102A	1	
28	ACS A-510-2	IGNITION SWITCH	1	
29	3800D031	PARK. BRAKE CONTROL ROD	1	
30	W31X2M1G25	SW/CIRCUIT BREAKER 25A	1	

[illegible]



39.10.11 Middle Panel Assy-valid since P1102001

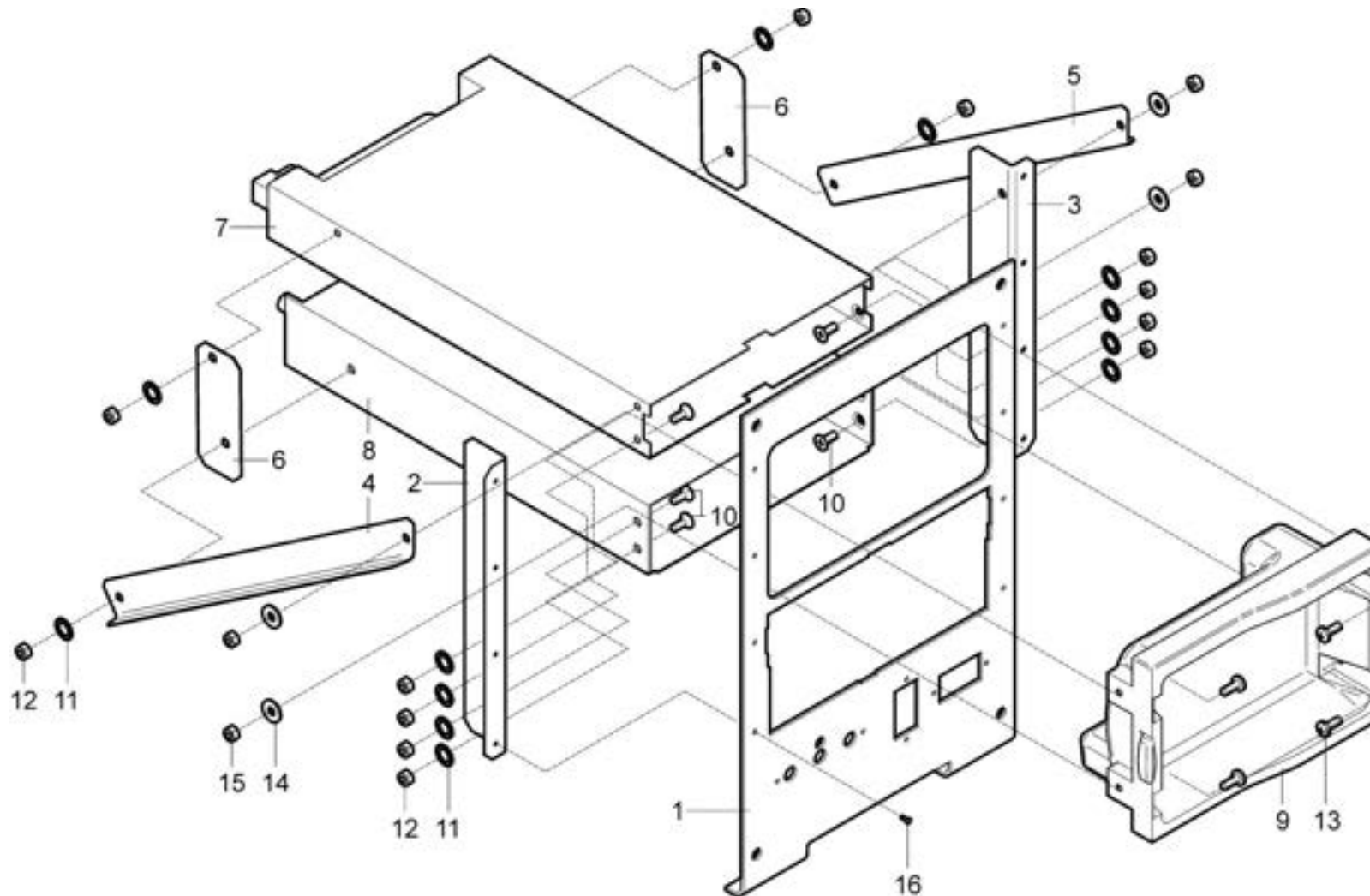


Fig. 39.10-11: Middle panel assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.12 Instrument Panel IV Assy

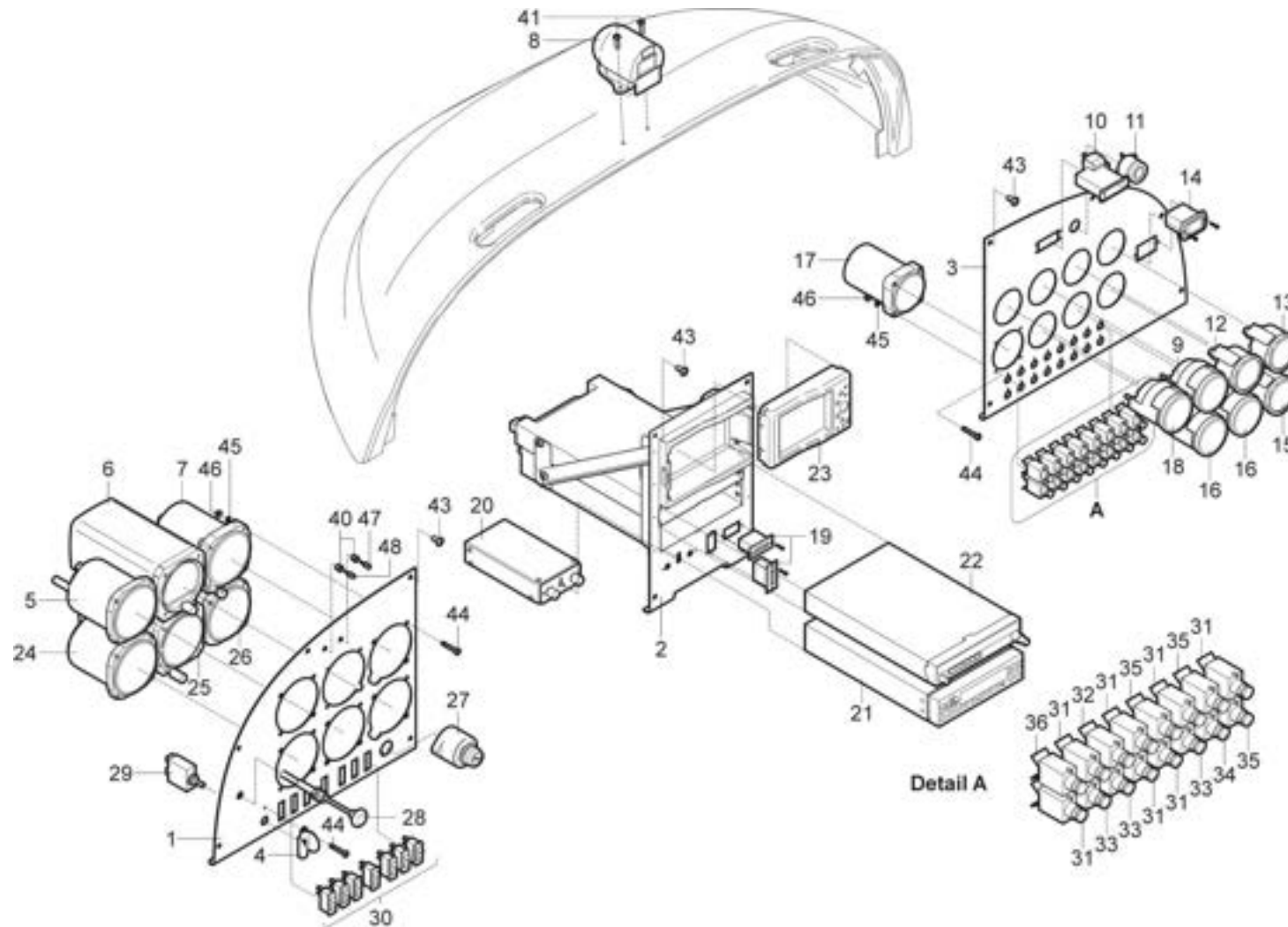


Fig. 39.10-12: Instrument panel IV assy

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-12: Instrument panel IV assy				
1	SI0640N	LEFT PANEL	1	
2	SI0742	MIDDLE PANEL ASSEMBLY	1	
3	SI0841	RIGHT PANEL	1	
4	SI0909	CIRCUIT BREAKER GUARD	1	
5	16-311-160	ASI UMA 3 1/8 20-160 kts	1	
6	GH02E-3L	ARTIF. HORIZON FALCON	1	
7	6102ALT2	ALT BG-3B	1	
8	CM-24L	MAGNETIC COMPASS	1	
9	XIE4.0013.00	OIL PRESS. INDICATOR	1	
10	AK-451	ELT REMOTE UNIT	1	
11	AK-451	ELT BUZZER	1	
12	XIH4.0010.00	OIL TEMP. INDICATOR	1	
13	6312R001	CHT INDICATOR	1	
14	HOBBS 15000	HOURLMETER	1	
15	XII4.0002.00	VOLTMETER	1	
16	265280	FUEL QTY INDICATOR	2	
17	6312UMA1	FUEL PRESS. INDICATOR	1	
18	XIF4.0008.03	RPM INDICATOR	1	
19	RP3 LED	TRIM TAB INDICATOR	2	
20	PM 3000	INTERCOM	1	
21	010-00634-01	TRANSPONDER GTX-328	1	
22	013-00106-01	COMM SL-40	1	
23	010-00573-00	GPS MAP 495 AMERICA	1	
24	BZW-4B	TURN INDICATOR	1	
25	RCA 15AK-1	DIRECTIONAL GYRO	1	
26	6102VS11	VSI BC-2A	1	
27	ACS A-510-2	IGNITION SWITCH	1	
28	3800D031	PARK. BRAKE CONTROL ROD	1	
29	W31X2M1G25	SW/CIRCUIT BREAKER 25A	1	
30	C1300AB	ROCKER SWITCH	7	

[illegible]



39.10.13 Middle Panel Assy

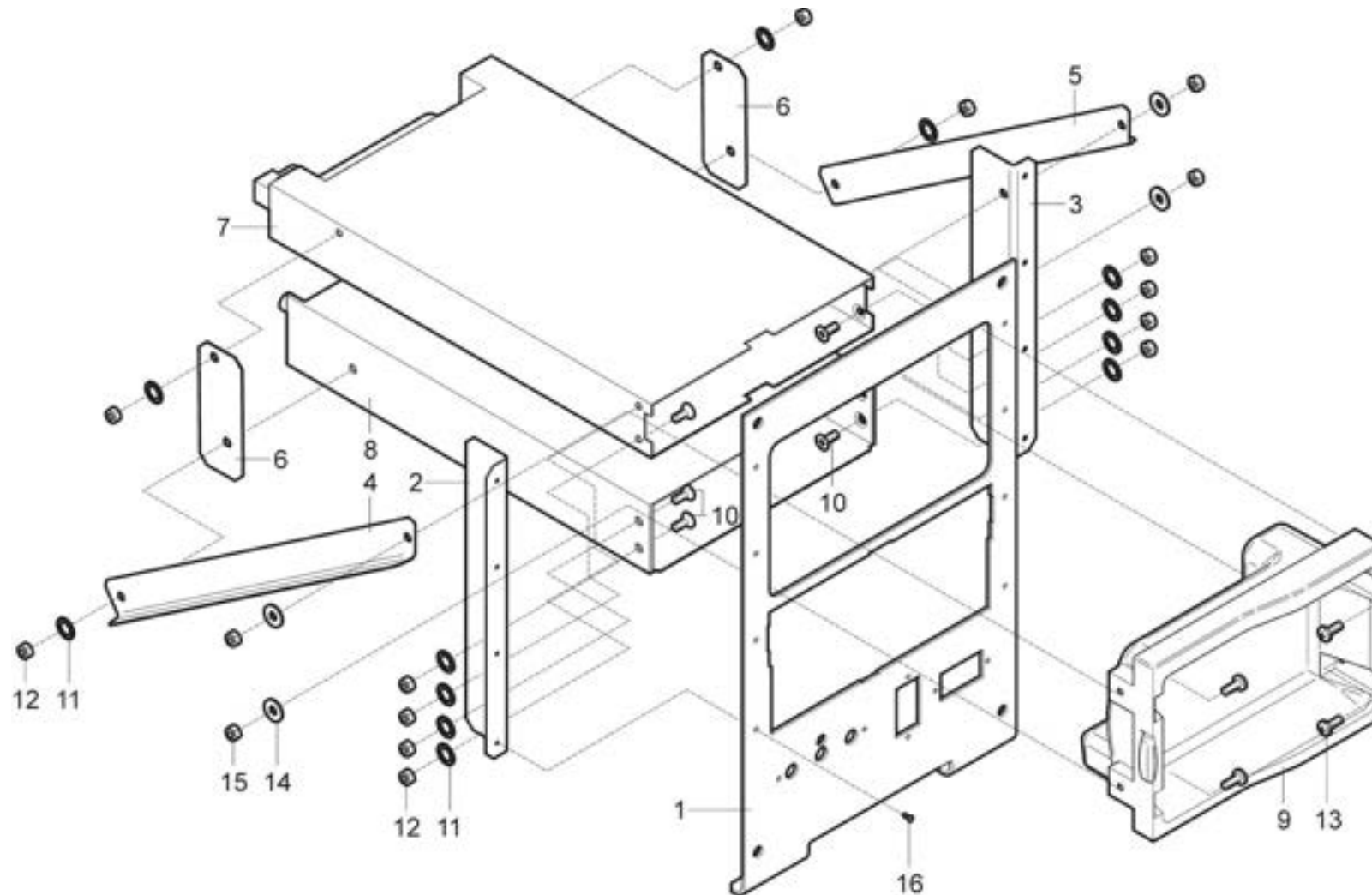


Fig. 39.10-13: Middle panel assy

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.14 Instrument Panel V Assy-valid since P1102001

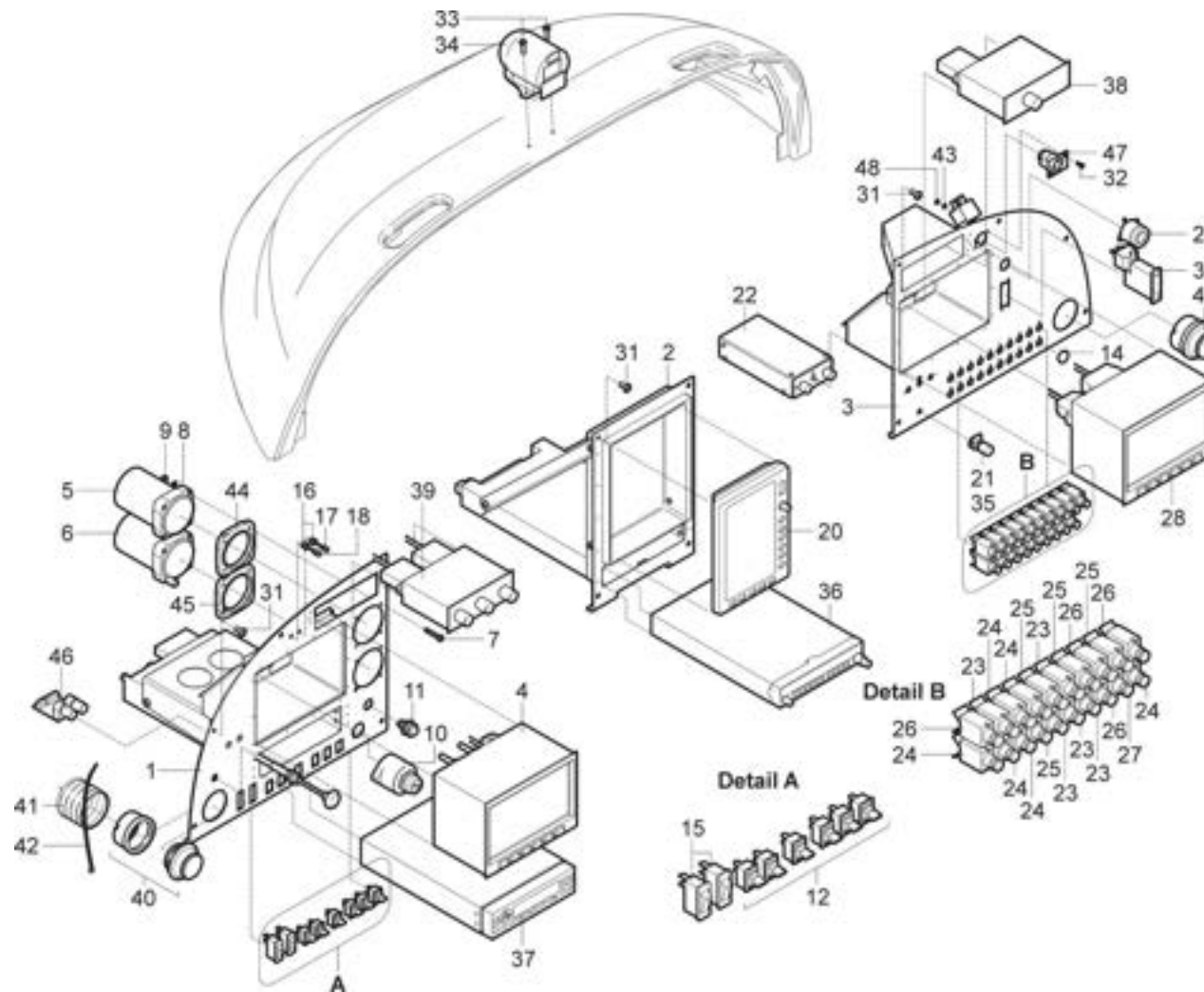


Fig. 39.10-14: Instrument panel V assy-valid since P1102001

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-14: Instrument panel V assy-valid since P1102001				
1	SI0641N	LEFT PANEL ASSEMBLY	1	
2	SI0711N	MIDDLE PANEL ASSEMBLY	1	
3	SI0842N	RIGHT PANEL ASSEMBLY	1	
4	100534-001	EFIS D-100	1	
5	6102AS25	ASI 2 ¼ 0-160 kts	1	
6	5-411-20	ALT 2 ¼ 0-2000 ft, ft/mb	1	
7	3111X416	BOLT M4x25	7	
8	DIN 6798A	WASHER 4	7	
9	DIN 934	NUT M4	7	
10	ACS A-510-2	IGNITION SWITCH	1	
11	6902T001	PUSHBUTTON 250V/2A	1	
12	6602MI40	TOGGLE SWITCH	8	
13				INTENTIONALLY LEFT BLANK
14	3251B002	DUMMY PLUG	1	
15	C1300AB	ROCKER SWITCH	2	
16	66505003	LED HOLDER 5 mm	2	
17	66505004	LED, YELLOW 5 mm	1	
18	66505001	LED, RED 5 mm	1	
19	3800D031	PARK. BRAKE CONTROL ROD	1	
20	010-00667-50	GPS MAP 695 AMERICA	1	
21	6653P001	POTENTIOMETER 10k/G	1	
22	PM 3000	INTERCOM	1	
23	KLIXTON 2TC2-1	CIRCUIT BREAKER 1A	4	
24	KLIXTON 2TC2-2	CIRCUIT BREAKER 2A	6	
25	KLIXTON 2TC2-3	CIRCUIT BREAKER 3A	4	
26	KLIXTON 2TC2-5	CIRCUIT BREAKER 5A	4	
27	KLIXTON 2TC2-4	CIRCUIT BREAKER 4A	1	
28	100584-001	EMS D-120	1	
29	AK-451	ELT BUZZER	1	
30	AK-451	ELT REMOTE UNIT	1	

[illegible]



39.10.15 Left Panel Assy-valid since P1102001

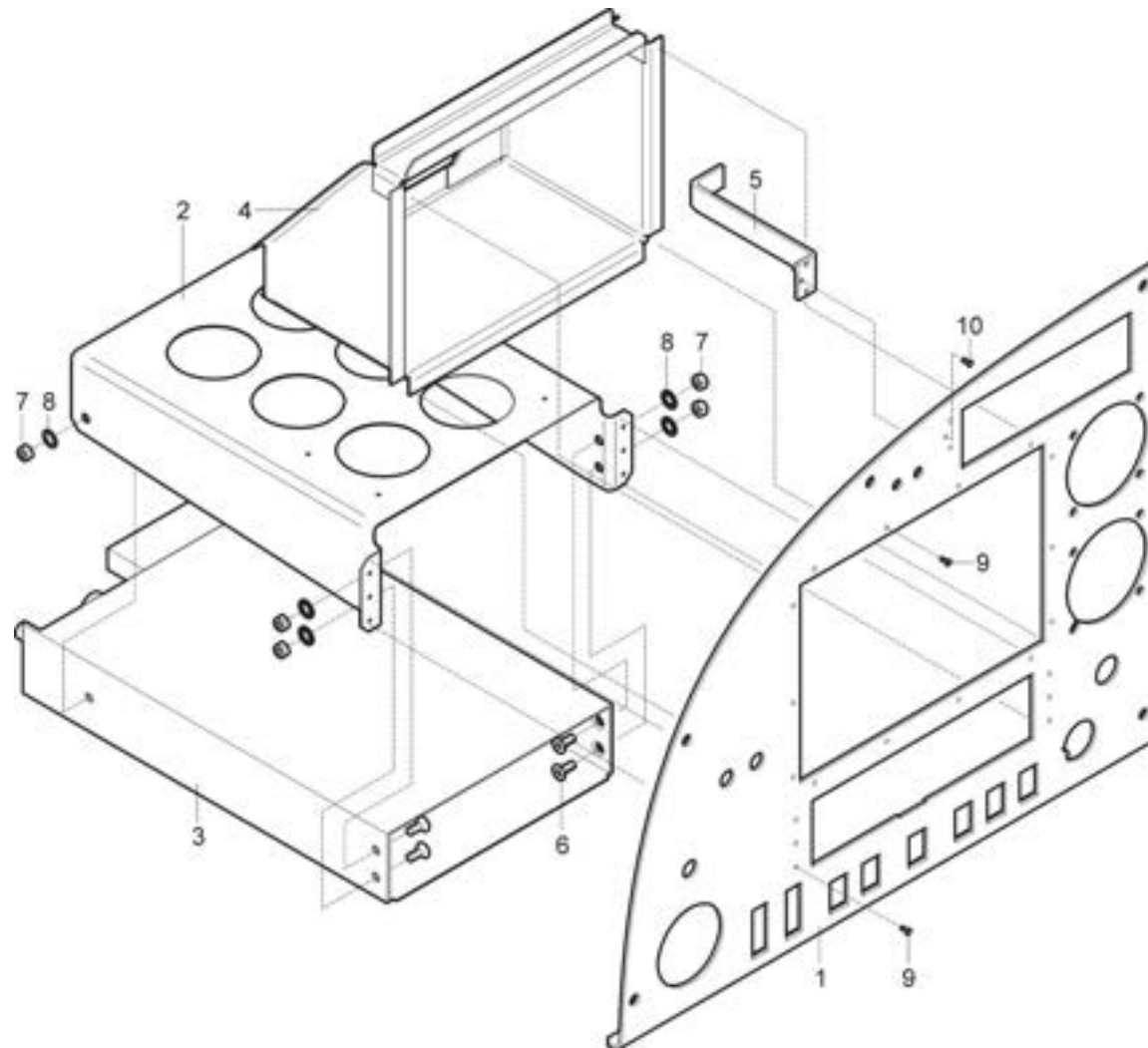


Fig. 39.10-15: Left panel assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.16 Right Panel Assy-valid since P1102001

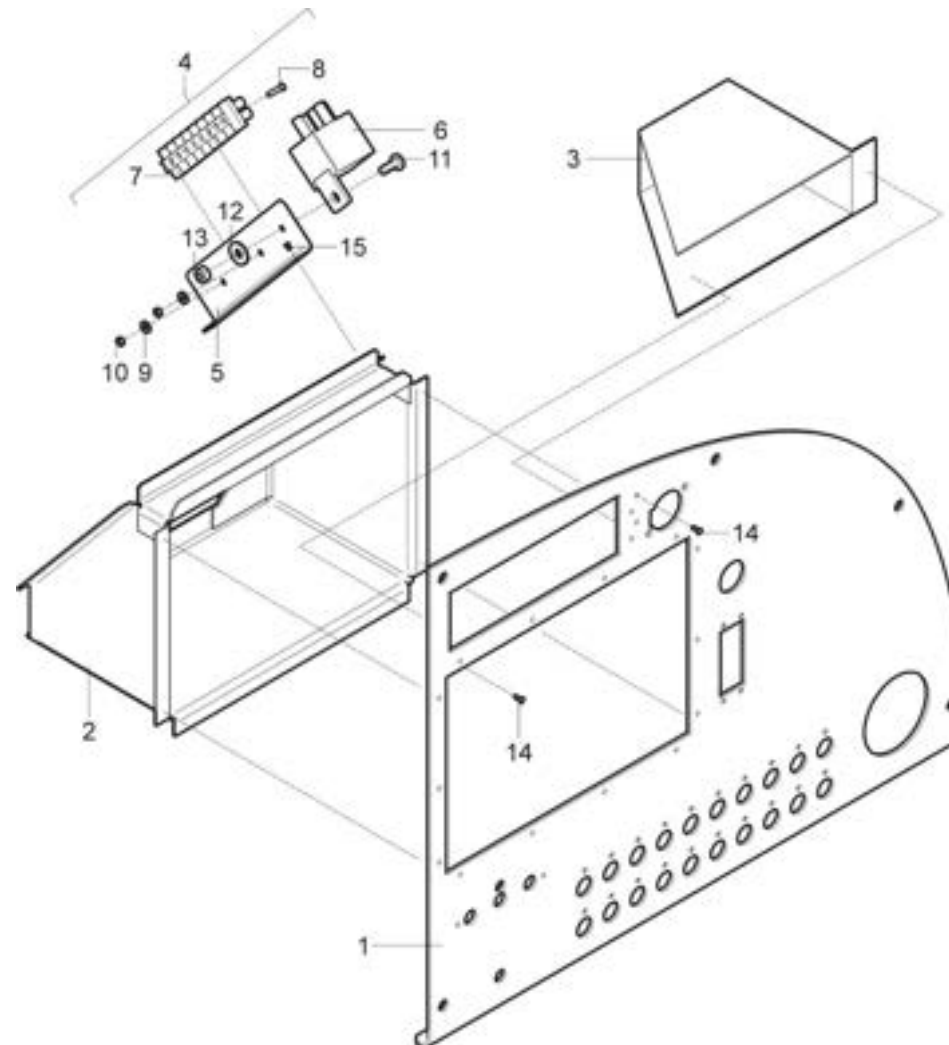


Fig. 39.10-16: Right panel assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.17 Instrument Panel VI Assy-valid since P1102001

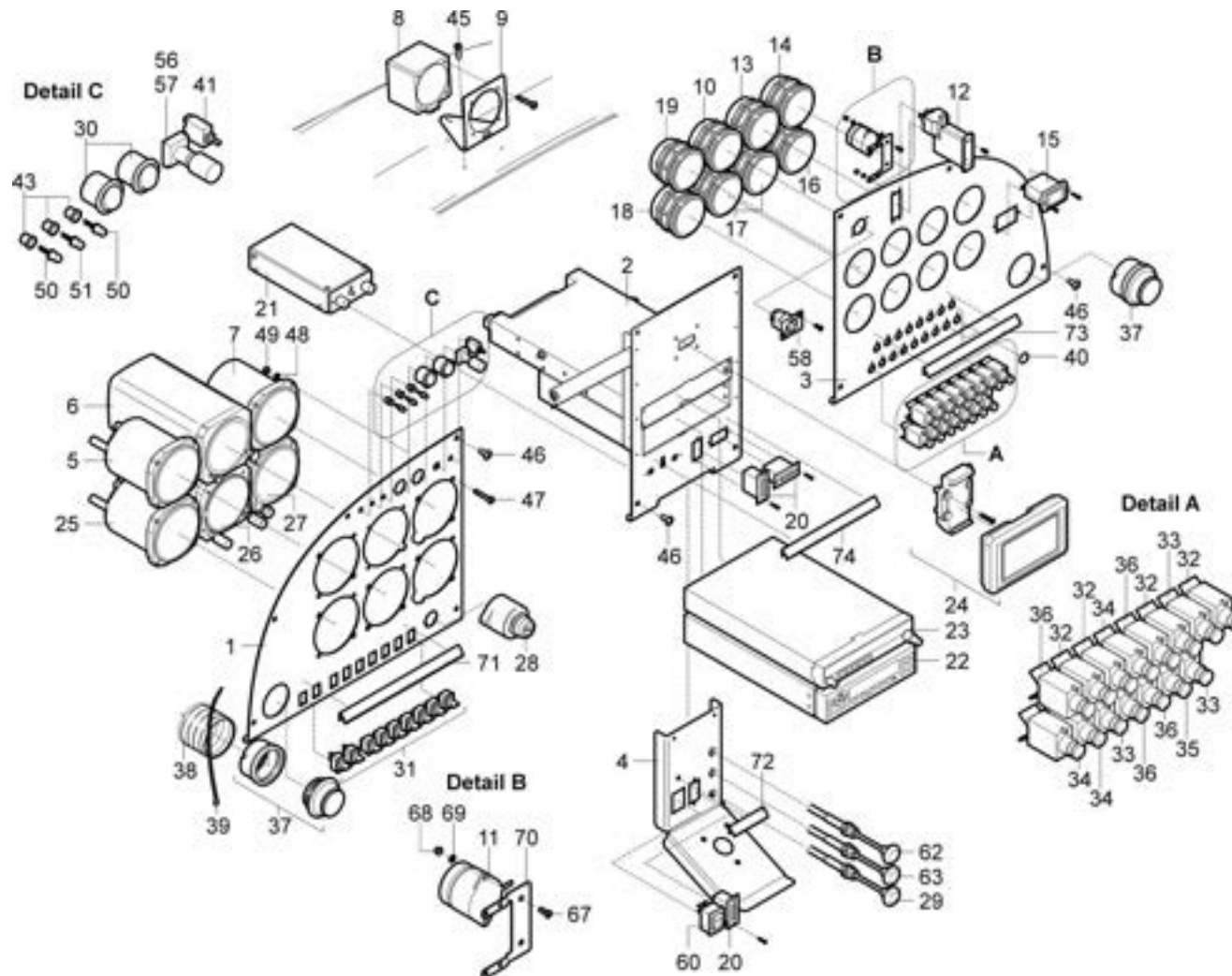


Fig. 39.10-17: Instrument panel VI assy-valid since P1102001

**CHAPTER - 39****ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS****CR-IPC-1-0-00****SECTION - 39.10
INSTRUMENT PANEL***PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport*

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-17: Instrument panel VI assy-valid since P1102001				
1	SI0649N	LEFT PANEL	1	
2	SI0750N	MIDDLE PANEL ASSEMBLY	1	
3	SI0850N	RIGHT PANEL	1	
4	SI0248N	CENTRAL PANEL	1	
5	LUN 1116.F2B2	AIRSPED INDICATOR	1	
6	LUN 1241.A4G4R	ARTIF. HORIZON	1	
7	LUN 1128.12B6	ALTIMETER	1	
8	PAI-700	MAGNETIC COMPASS	1	
9	SI0252N	BRACKET	1	
10	IE61.2B35.2201	OIL PRESSURE INDICATOR	1	
11	AK-451	ELT BUZZER	1	
12	AK-451	ELT REMOTE UNIT	1	
13	IH61.2B35.2201	OIL TEMP. INDICATOR	1	
14	IH71.2B35.2201	CHT INDICATOR	1	
15	HOBBS 15000	HOURLY METER	1	
16	II11.2B35.2001	VOLTMETER	1	
17	ID11.2B35.21	FUEL QTY INDICATOR	2	
18	IE71.2B35.2201	FUEL PRESS. INDICATOR	1	
19	IF61.2B35.2301	RPM INDICATOR	1	
20	RP3 LED	TRIM TAB INDICATOR	3	
21	PM 3000	INTERCOM	1	
22	010-00634-01	TRANSPONDER GTX-328	1	
23	013-00106-01	COMM SL-40	1	
24	010-00836-01	GPS AERA 500	1	
25	LUN 1216.B4	TURN INDICATOR	1	
26	RCA15EK-1	DIRECTIONAL GYRO	1	
27	LUN 1144.A2B1	VERTICAL SPEED INDICATOR	1	
28	ACS A-510-2	IGNITION SWITCH	1	
29	3800D031	CONTROL ROD	1	
30	6602MI42	SWITCH R13112A	2	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
31	6602MI41	TOGGLE SWITCH H8500DB	9	
32	KLIXTON 2TC2-1	CIRCUIT BREAKER 1A	4	
33	KLIXTON 2TC2-2	CIRCUIT BREAKER 2A	3	
34	KLIXTON 2TC2-3	CIRCUIT BREAKER 3A	3	
35	KLIXTON 2TC2-4	CIRCUIT BREAKER 4A	1	
36	KLIXTON 2TC2-5	CIRCUIT BREAKER 5A	5	
37	AVE.BVBLK-200	AIR VENT	2	
38	3340A001	HOSE	2	length 460 mm
39	W-GT-200IC	CABLE TIE 203x3,6	2	
40	3251B002	DUMMY PLUG	2	
41	6502RS22	SWITCH P-B069B		
42				INTENTIONALLY LEFT BLANK
43	66505003	LED HOLDER 5 mm	3	
44				INTENTIONALLY LEFT BLANK
45	DIN 7981	SHEET METAL SCREW 3,5x25	3	
46	AN525-10R9	SCREW	14	
47	3111X416	SCREW M4x25	34	
48	DIN 6798A	WASHER 4	33	
49	DIN 934	NUT M4	33	
50	66505001	LED, RED 5 mm	2	
51	66505002	LED, GREEN 5 mm	1	
52				INTENTIONALLY LEFT BLANK
53				INTENTIONALLY LEFT BLANK
54				INTENTIONALLY LEFT BLANK
55				INTENTIONALLY LEFT BLANK
56	TP162ML	POTENTIOMETER 5K/N	1	
57	KPP06	KNOB	1	
58	6602XLR1	XLR187 CONNECTOR	1	
59				INTENTIONALLY LEFT BLANK
60	6502TK23	ROCKER SWITCH	1	
61				INTENTIONALLY LEFT BLANK

[illegible][illegible]



INTENTIONALLY LEFT BLANK



39.10.18 Middle Panel Assy-valid since P1102001

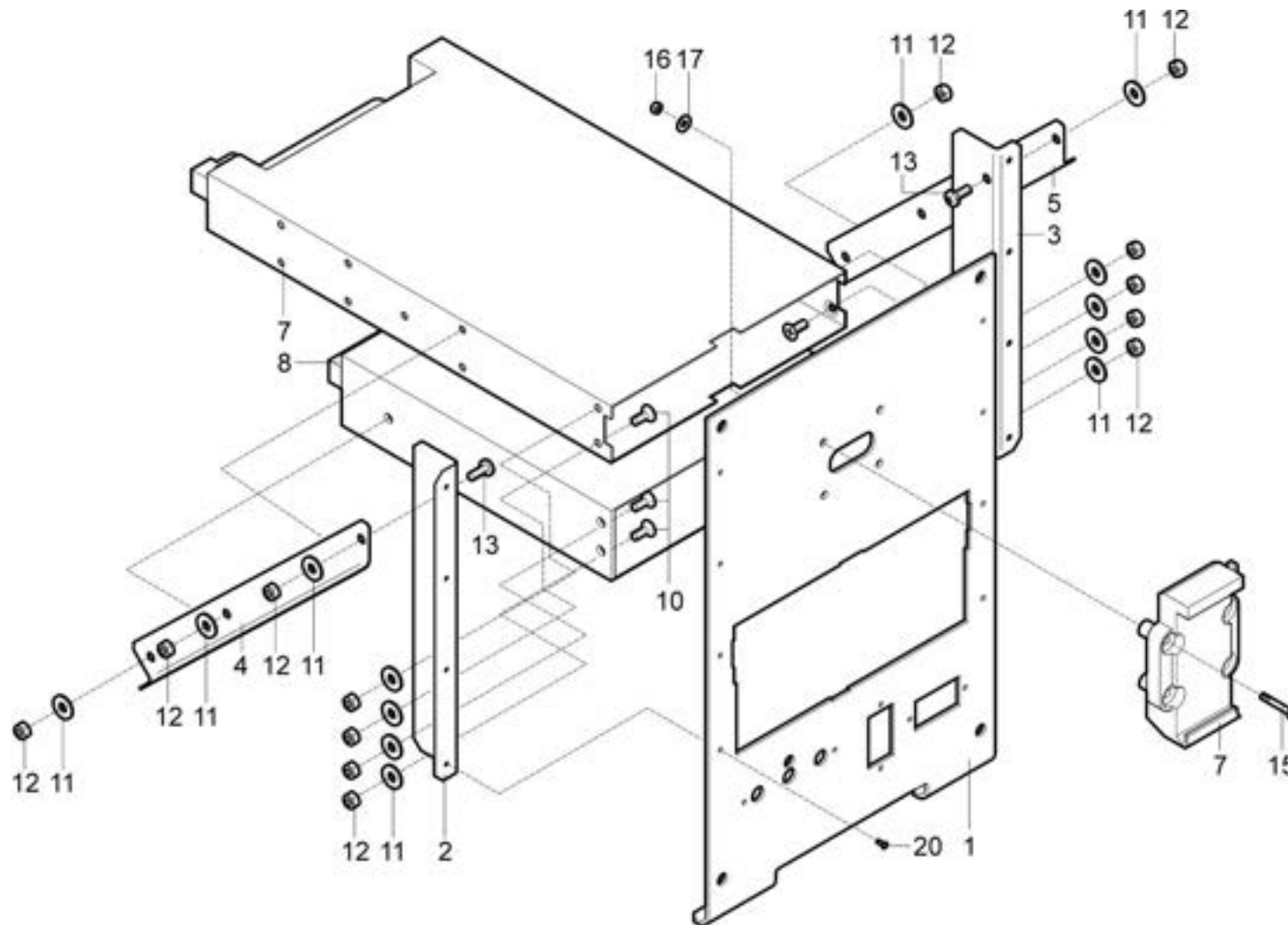


Fig. 39.10-18: Middle panel assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.19 Instrument Panel VII Assy-valid since P1102001

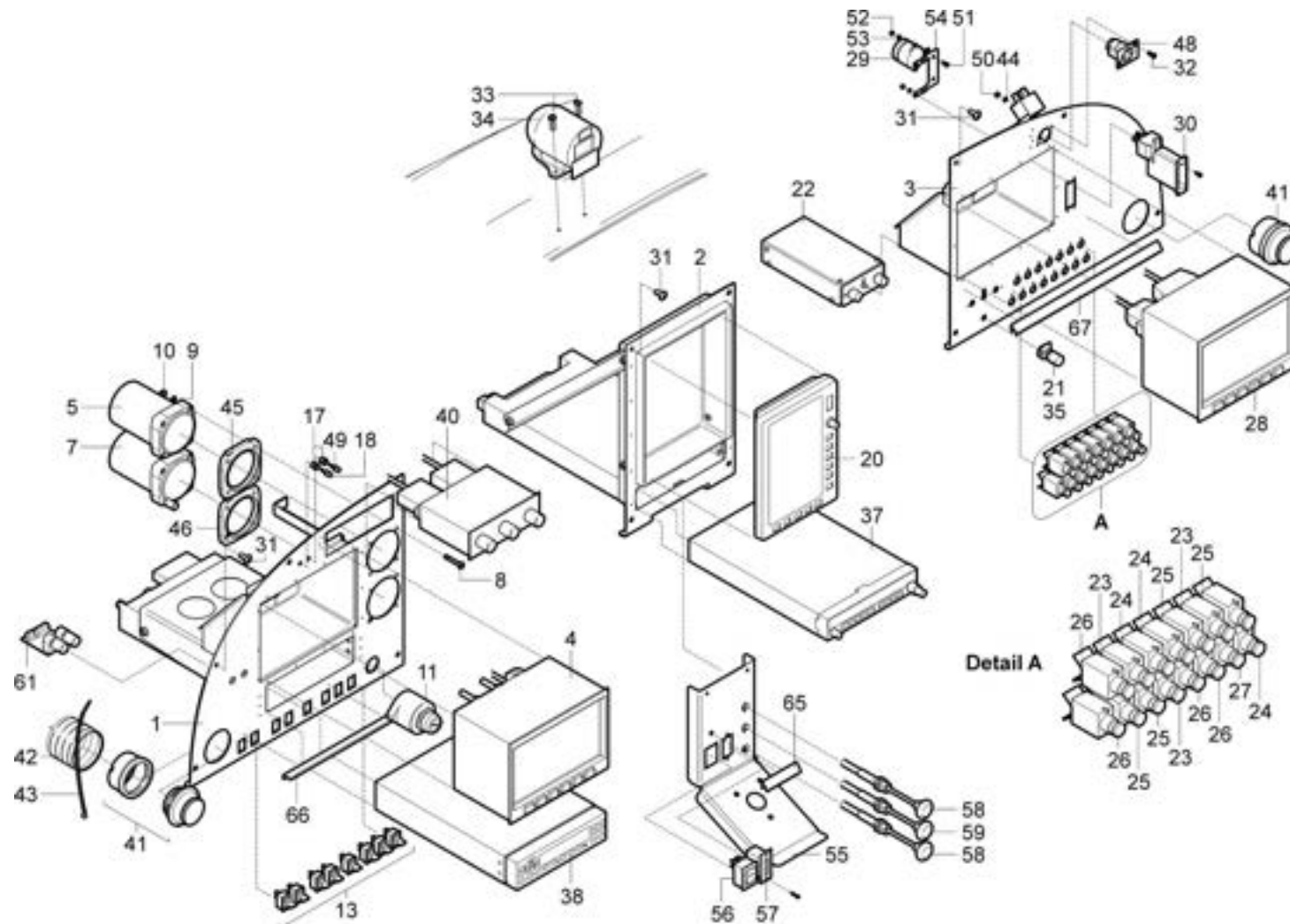


Fig. 39.10-19: Instrument panel VII assy-valid since P1102001

**CHAPTER - 39****ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS****CR-IPC-1-0-00****SECTION - 39.10
INSTRUMENT PANEL***PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport*

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-19: Instrument panel VII assy-valid since P1102001				
1	SI0650N	LEFT PANEL ASSEMBLY	1	
2	SI0711N	MIDDLE PANEL ASSEMBLY	1	
3	SI0851N	RIGHT PANEL ASSEMBLY	1	
4	100534-001	EFIS D-100	1	
5	6102AS25	ASI 2 ¼ 0-160 kts	1	
6				INTENTIONALLY LEFT BLANK
7	5-411-20	ALT 2 ¼ 0-2000 ft, ft/mb	1	
8	3111X416	BOLT M4x25	7	
9	DIN 6798A	WASHER 4	7	
10	DIN 934	NUT M4	7	
11	ACS A-510-2	IGNITION SWITCH	1	
12				INTENTIONALLY LEFT BLANK
13	6602MI41	TOGGLE SWITCH	8	
14				INTENTIONALLY LEFT BLANK
15				INTENTIONALLY LEFT BLANK
16				INTENTIONALLY LEFT BLANK
17	66505003	LED HOLDER 5 mm	2	
18	66505004	LED, YELLOW 5 mm	1	
19				INTENTIONALLY LEFT BLANK
20	010-00667-60	GPS MAP 695 AMERICA	1	
21	6653P001	POTENTIOMETER 10k/G	1	
22	PM 3000	INTERCOM	1	
23	KLIXTON 2TC2-1	CIRCUIT BREAKER 1A	3	
24	KLIXTON 2TC2-2	CIRCUIT BREAKER 2A	3	
25	KLIXTON 2TC2-3	CIRCUIT BREAKER 3A	4	
26	KLIXTON 2TC2-5	CIRCUIT BREAKER 5A	4	
27	KLIXTON 2TC2-4	CIRCUIT BREAKER 4A	1	
28	100584-001	EMS D-120	1	
29	AK-451	ELT BUZZER	1	
30	AK-451	ELT REMOTE UNIT	1	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
31	AN525-10R7	SCREW	14	
32	DIN 965	SCREW M3x12	2	
33	DIN 7981	SHEET METAL SCREW 3,5x25	3	
34	DIN 7981	SHEET METAL SCREW 3,5x25	3	
35	6653P002	KNOB	1	
36				INTENTIONALLY LEFT BLANK
37	013-00105-01	NAV/COMM SL-30	1	
38	010-00634-01	TRANSPONDER GTX-328	1	
39				INTENTIONALLY LEFT BLANK
40	100790-001	HSI MODULE HS-34	1	
41	AVE.BVBLK-200	AIR VENT	2	
42	3340A001	HOSE	2	length 460 mm
43	W-GT-200IC	CABLE TIE 203x3,6	2	
44	DIN 125 ZN	WASHER 3	2	
45	6665P003	INSTR. ILLUMINATOR	1	
46	6665P004	INSTR. ILLUMINATOR	1	
47				INTENTIONALLY LEFT BLANK
48	6602XLR1	CONNECTOR XLR187	1	
49	66505008	LED, RED 5 mm	1	
50	3121X302	NUT M3	2	
51	DIN 7985	SCREW M3x12	2	
52	DIN 985	NUT M3	2	
53	DIN 125 ZB	WASHER 3	2	
54	SI0095N	BRACKET	1	
55	SI0248N	CENTRAL PANEL	1	
56	6502TK23	ROCKER SWITCH	1	
57	RP3 LED	FLAPS INDICATOR	1	
58	3800D031	CONTROL ROD	2	
59	3800D032	CONTROL ROD	1	
60				INTENTIONALLY LEFT BLANK
61	6653P004	2 CHANNEL PWM DIMMER	1	

[illegible][illegible]



INTENTIONALLY LEFT BLANK



39.10.20 Left Panel Assy-valid since P1102001

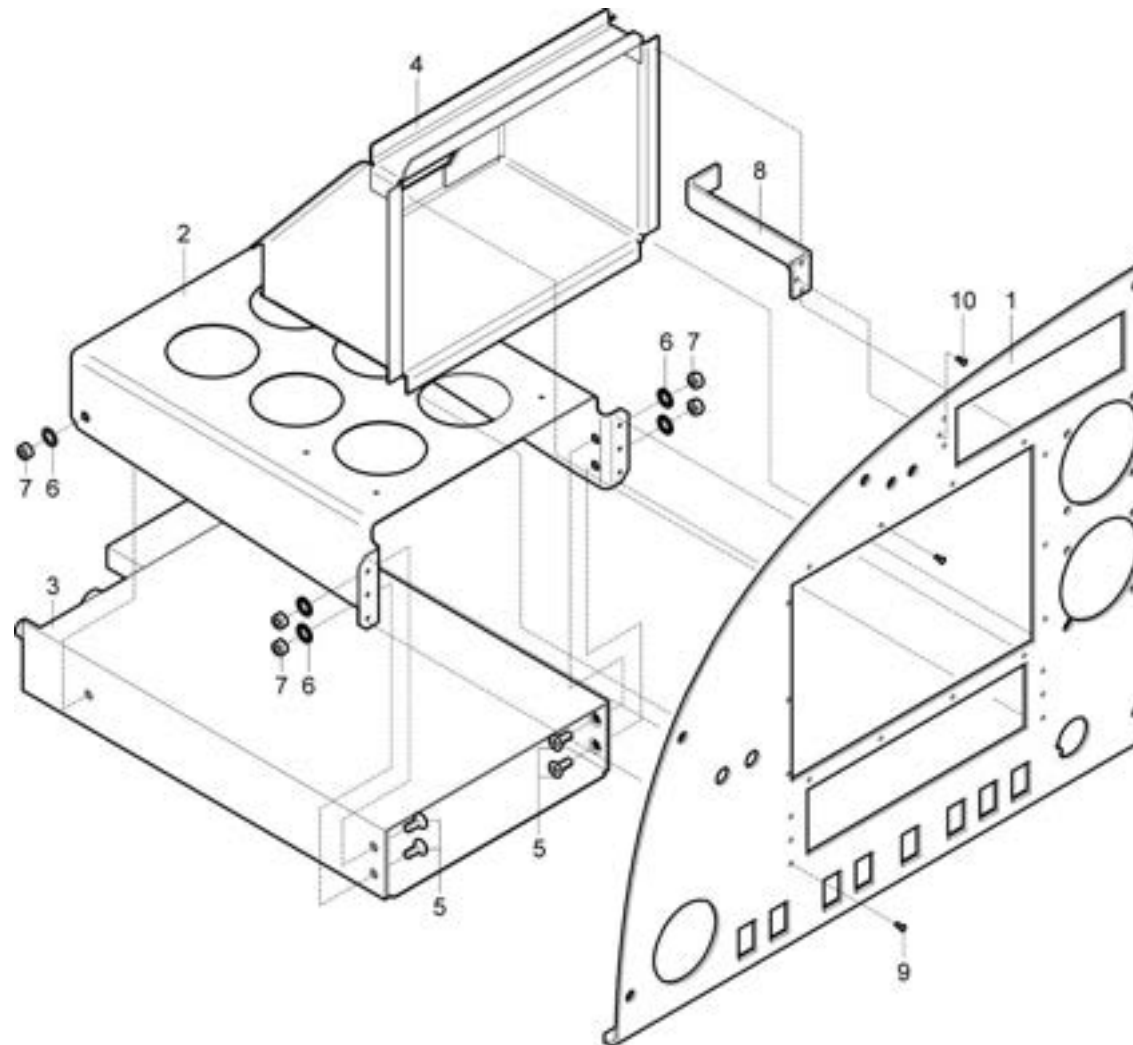


Fig. 39.10-20: Left panel assy-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

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Date of issue: 2021-06-25

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

[illegible][illegible]



39.10.22 Instrument Panel VIII Assy-valid since P1102050

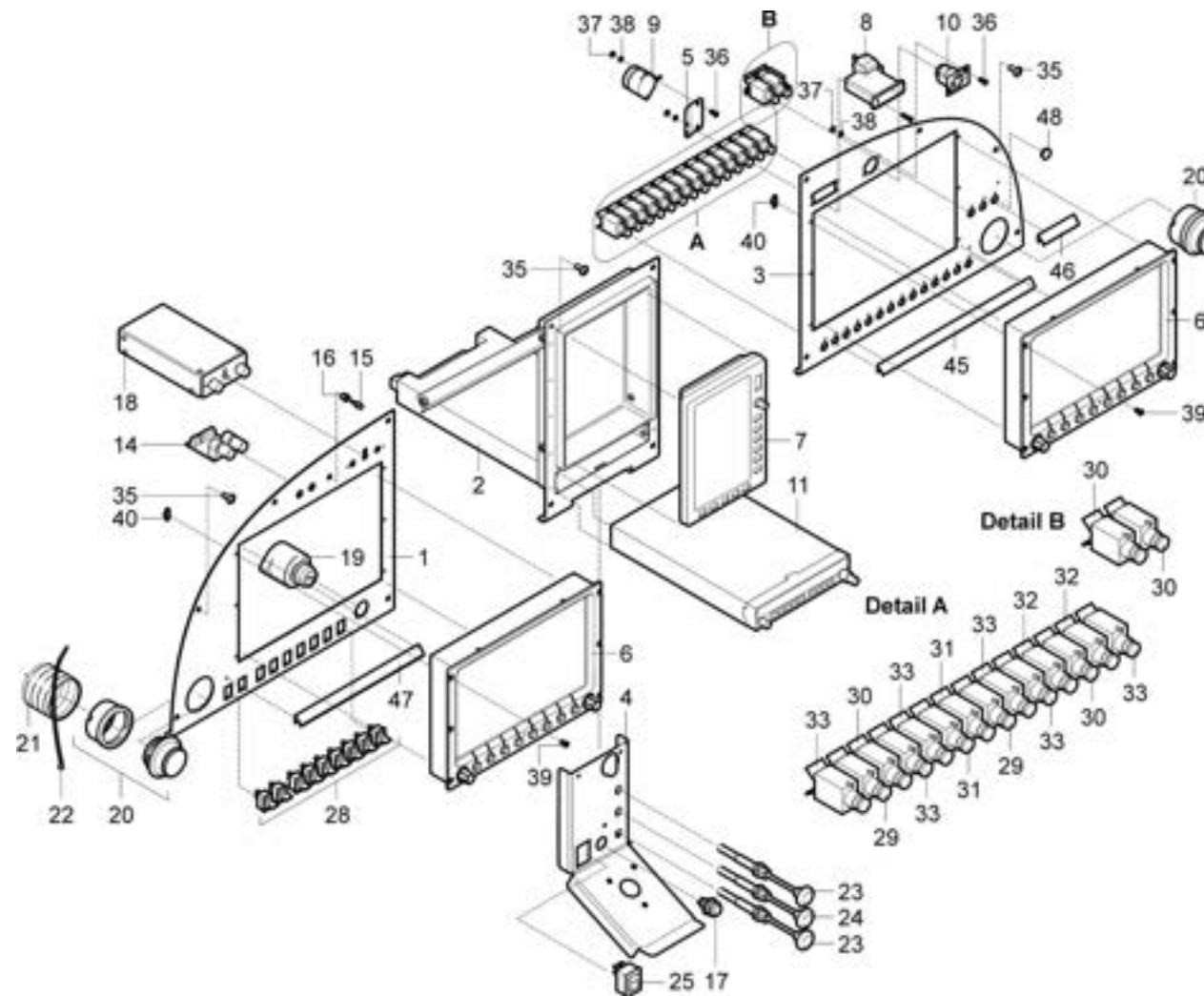


Fig. 39.10-22: Instrument panel VIII assy-valid since P1102050

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-22: Instrument panel VIII assy-valid since P1102050				
1	CI0649N	LEFT PANEL	1	
2	CI0711N	MIDDLE PANEL ASSEMBLY	1	
3	CI0851N	RIGHT PANEL	1	
4	CI0087N	CENTRAL PANEL	1	
5	CI0094N	BRACKET	1	
6	SV-D1000	EFIS/EMS DISPLAY	2	
7	010-00667-60	GPS MAP 695	1	
8	AK-451	ELT REMOTE UNIT	1	
9	AK-451	ELT BUZZER	1	
10	6602XLR1	XLR187 CONNECTOR	1	
11	013-00105-01	NAV/COMM SL-30	1	
12				INTENTIONALLY LEFT BLANK
13				INTENTIONALLY LEFT BLANK
14	6653P004	2 CHANNEL PWM DIMMER	1	
15	6650S001	LED, RED 5 mm	1	
16	6650S003	LED HOLDER 5 mm	1	
17	6902T001	PUSHBUTTON 250V/2A	1	
18	PM 3000	INTERCOM	1	
19	ACS A-510-2	IGNITION SWITCH	1	
20	AVE.BVBLK-200	AIR VENT	2	
21	3340A001	HOSE	2	length 460 mm
22	W-GT-200IC	CABLE TIE 203x3,6	2	
23	3800D031	CONTROL ROD	2	
24	3800D032	CONTROL ROD	1	
25	6502TK23	ROCKER SWITCH		
26				INTENTIONALLY LEFT BLANK
27				INTENTIONALLY LEFT BLANK
28	6602MI41	TOGGLE SWITCH	9	
29	KLIXTON 2TC2-1	CIRCUIT BREAKER 1A	2	
30	KLIXTON 2TC2-2	CIRCUIT BREAKER 2A	4	

[illegible]



39.10.23 Instrument Panel IX Assy-valid since P1102050

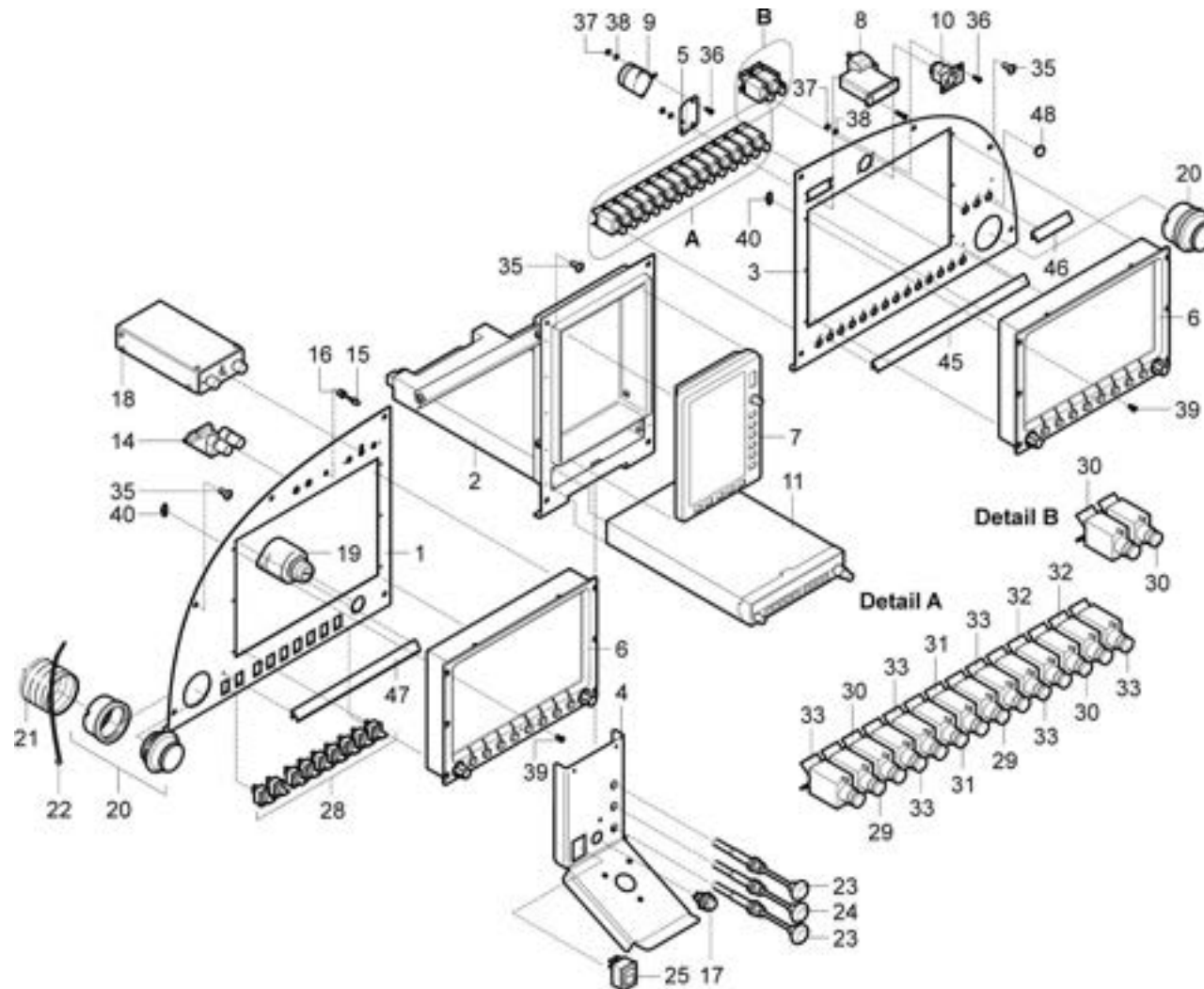


Fig. 39.10-23: Instrument panel IX assy-valid since P1102050

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-23: Instrument panel IX assy-valid since P1102050				
1	CI0649N	LEFT PANEL	1	
2	CI0711N	MIDDLE PANEL ASSEMBLY	1	
3	CI0851N	RIGHT PANEL	1	
4	CI0086N	CENTRAL PANEL	1	
5	CI0094N	BRACKET	1	
6	SV-D1000	EFIS/EMS DISPLAY	2	
7	010-00667-60	GPS MAP 695	1	
8	AK-451	ELT REMOTE UNIT	1	
9	AK-451	ELT BUZZER	1	
10	6602XLR1	XLR187 CONNECTOR	1	
11	013-00105-01	NAV/COMM SL-30	1	
12				INTENTIONALLY LEFT BLANK
13				INTENTIONALLY LEFT BLANK
14	6653P004	2 CHANNEL PWM DIMMER	1	
15	6650S001	LED, RED 5 mm	1	
16	6650S003	LED HOLDER 5 mm	1	
17	6902T001	PUSHBUTTON 250V/2A	1	
18	PM 3000	INTERCOM	1	
19	ACS A-510-2	IGNITION SWITCH	1	
20	AVE.BVBLK-200	AIR VENT	2	
21	3340A001	HOSE	2	length 460 mm
22	W-GT-200IC	CABLE TIE 203x3,6	2	
23	3800D031	CONTROL ROD	2	
24	3800D032	CONTROL ROD	1	
25	6502TK23	ROCKER SWITCH		
26				INTENTIONALLY LEFT BLANK
27				INTENTIONALLY LEFT BLANK
28	6602MI41	TOGGLE SWITCH	9	
29	KLIXTON 2TC2-1	CIRCUIT BREAKER 1A	2	
30	KLIXTON 2TC2-2	CIRCUIT BREAKER 2A	4	

[illegible]



39.10.24 Middle Panel Assy-valid since P1102050

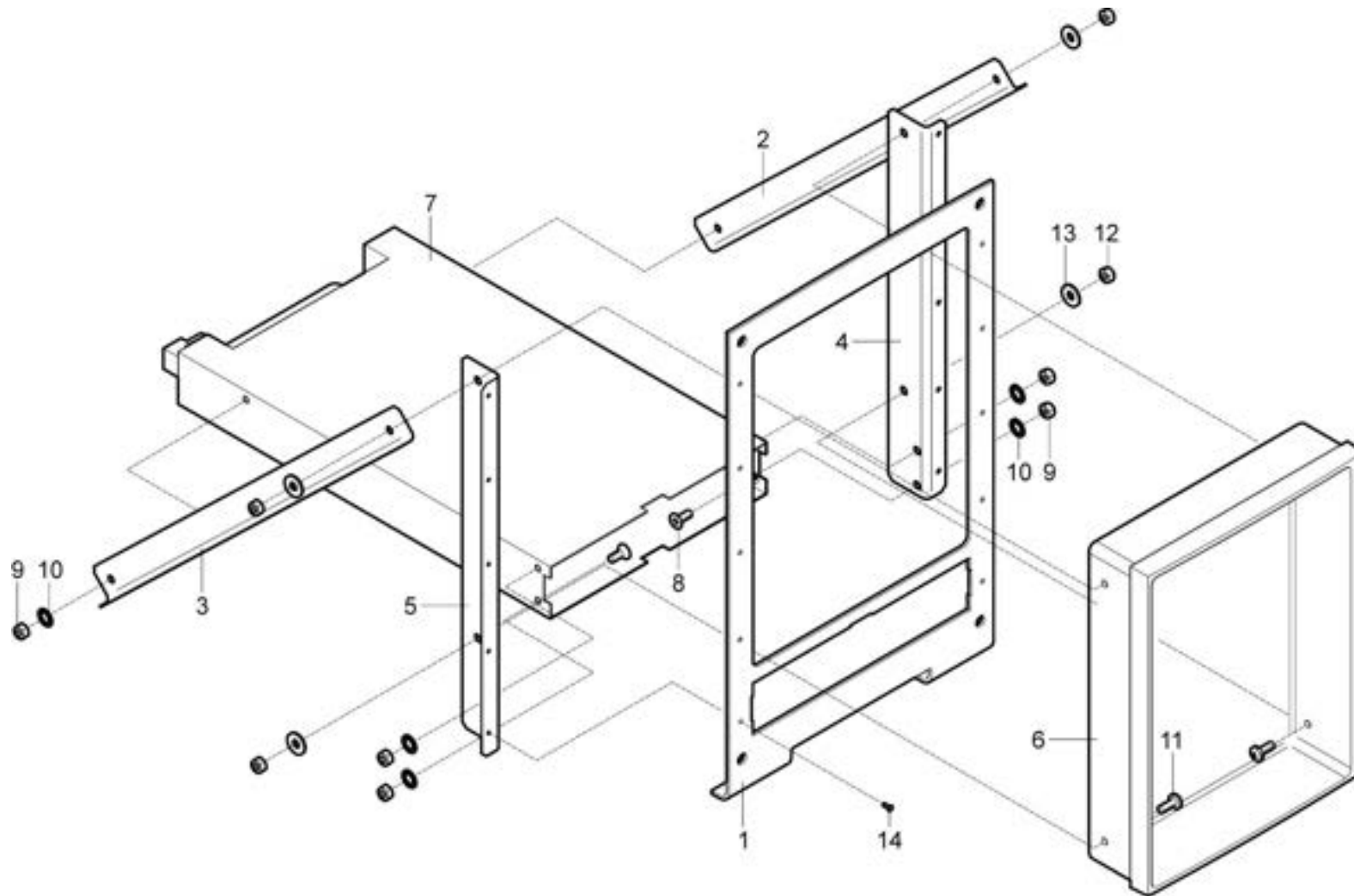


Fig. 39.10-24: Middle panel assy-valid since P1102050

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39.10.25 Instrument Panel X Assy-valid since P1102001

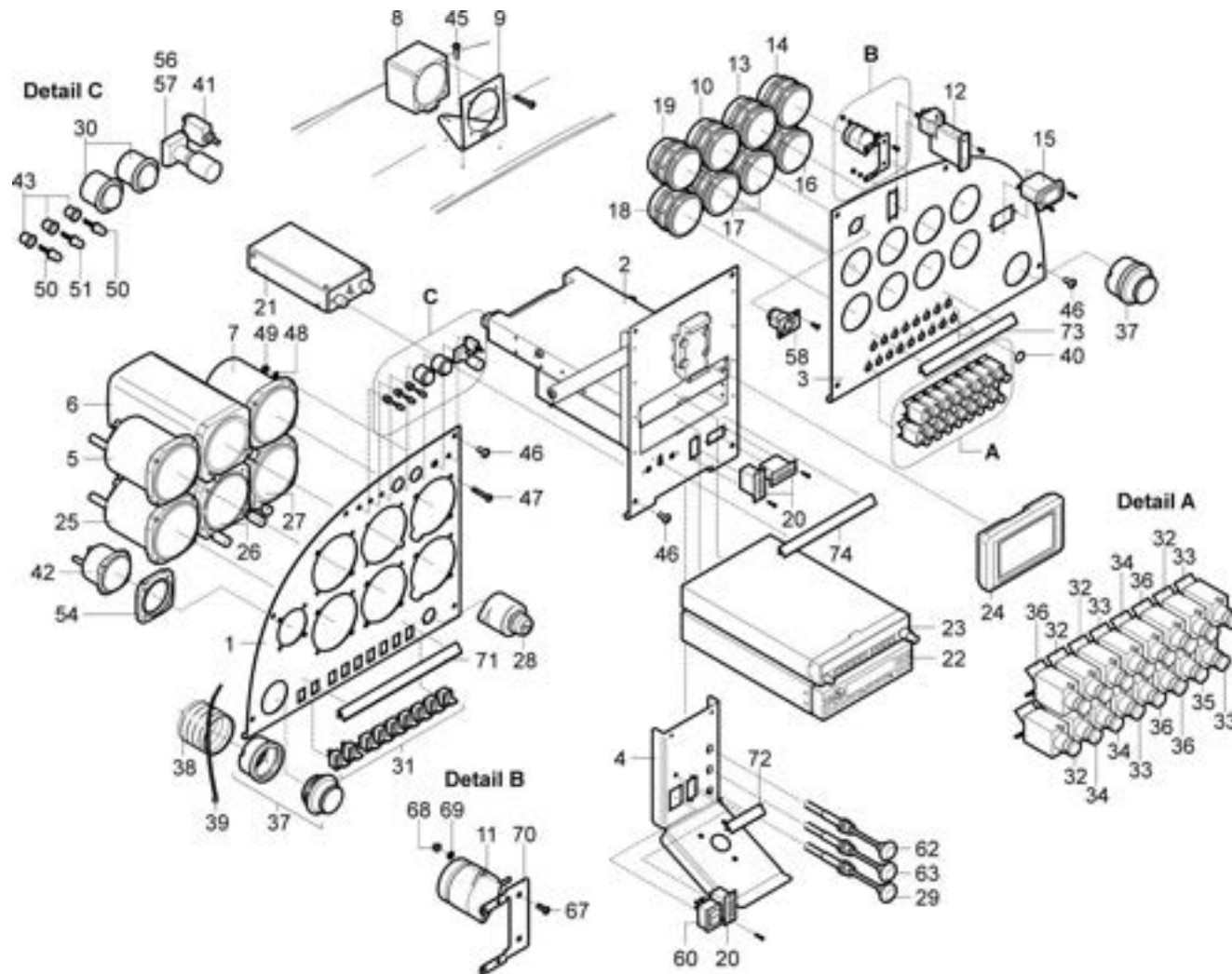


Fig. 39.10-25: Instrument panel X Assy-valid since P1102001

**CHAPTER - 39****ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS****CR-IPC-1-0-00****SECTION - 39.10
INSTRUMENT PANEL***PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport*

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-25: Instrument panel X assy-valid since P1102001				
1	SI0652N	LEFT PANEL	1	
2	SI0750N	MIDDLE PANEL ASSEMBLY	1	
3	SI0850N	RIGHT PANEL	1	
4	SI0248N	CENTRAL PANEL	1	
5	LUN 1116.F2B2	AIRSPED INDICATOR	1	
6	LUN 1241.A4G4R	ARTIF. HORIZON	1	
7	LUN 1128.12B6	ALTIMETER	1	
8	PAI-700	MAGNETIC COMPASS	1	
9	SI0252N	BRACKET	1	
10	IE61.2B35.2201	OIL PRESSURE INDICATOR	1	
11	AK-451	ELT BUZZER	1	
12	AK-451	ELT REMOTE UNIT	1	
13	IH61.2B35.2201	OIL TEMP. INDICATOR	1	
14	IH71.2B35.2201	CHT INDICATOR	1	
15	HOBBS 15000	HOURLY METER	1	
16	II11.2B35.2001	VOLTMETER	1	
17	ID11.2B35.21	FUEL QTY INDICATOR	2	
18	IE71.2B35.2201	FUEL PRESS. INDICATOR	1	
19	IF61.2B35.2301	RPM INDICATOR	1	
20	RP3 LED	TRIM TAB INDICATOR	3	
21	PM 3000	INTERCOM	1	
22	010-00634-01	TRANSPONDER GTX-328	1	
23	013-00105-01	NAV/COMM SL-30	1	
24	010-00836-01	GPS AERA 500	1	
25	LUN 1216.B4	TURN INDICATOR	1	
26	RCA15EK-1	DIRECTIONAL GYRO	1	
27	MD200-306	COURSE DEVIATION INDICATOR	1	
28	ACS A-510-2	IGNITION SWITCH	1	
29	3800D031	CONTROL ROD	1	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
30	6602MI42	SWITCH R13112A	2	
31	6602MI41	TOGGLE SWITCH H8500DB	9	
32	KLIXTON 2TC2-1	CIRCUIT BREAKER 1A	4	
33	KLIXTON 2TC2-2	CIRCUIT BREAKER 2A	4	
34	KLIXTON 2TC2-3	CIRCUIT BREAKER 3A	3	
35	KLIXTON 2TC2-4	CIRCUIT BREAKER 4A	1	
36	KLIXTON 2TC2-5	CIRCUIT BREAKER 5A	4	
37	AVE.BVBLK-200	AIR VENT	2	
38	3340A001	HOSE	2	length 460 mm
39	W-GT-200IC	CABLE TIE 203x3,6	2	
40	3251B002	DUMMY PLUG	2	
41	6502RS22	SWITCH P-B069B	1	
42	5462	VERTICAL SPEED INDICATOR	1	
43	66505003	LED HOLDER 5 mm	3	
44				INTENTIONALLY LEFT BLANK
45	DIN 7981	SHEET METAL SCREW 3,5x25	3	
46	AN525-10R9	SCREW	14	
47	3111X416	SCREW M4x25	34	
48	DIN 6798A	WASHER 4	33	
49	DIN 934	NUT M4	33	
50	66505001	LED, RED 5 mm	2	
51	66505002	LED, GREEN 5 mm	1	
52				INTENTIONALLY LEFT BLANK
53				INTENTIONALLY LEFT BLANK
54	6665P003	INSTR. ILLUMINATOR	1	
55				INTENTIONALLY LEFT BLANK
56	TP162ML	POTENTIOMETER 5K/N	1	
57	KPP06	KNOB	1	
58	6602XLR1	XLR187 CONNECTOR	1	
59				INTENTIONALLY LEFT BLANK
60	6502TK23	ROCKER SWITCH	1	

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INTENTIONALLY LEFT BLANK



39.10.26 Instrument panel XI assy-valid since C0655

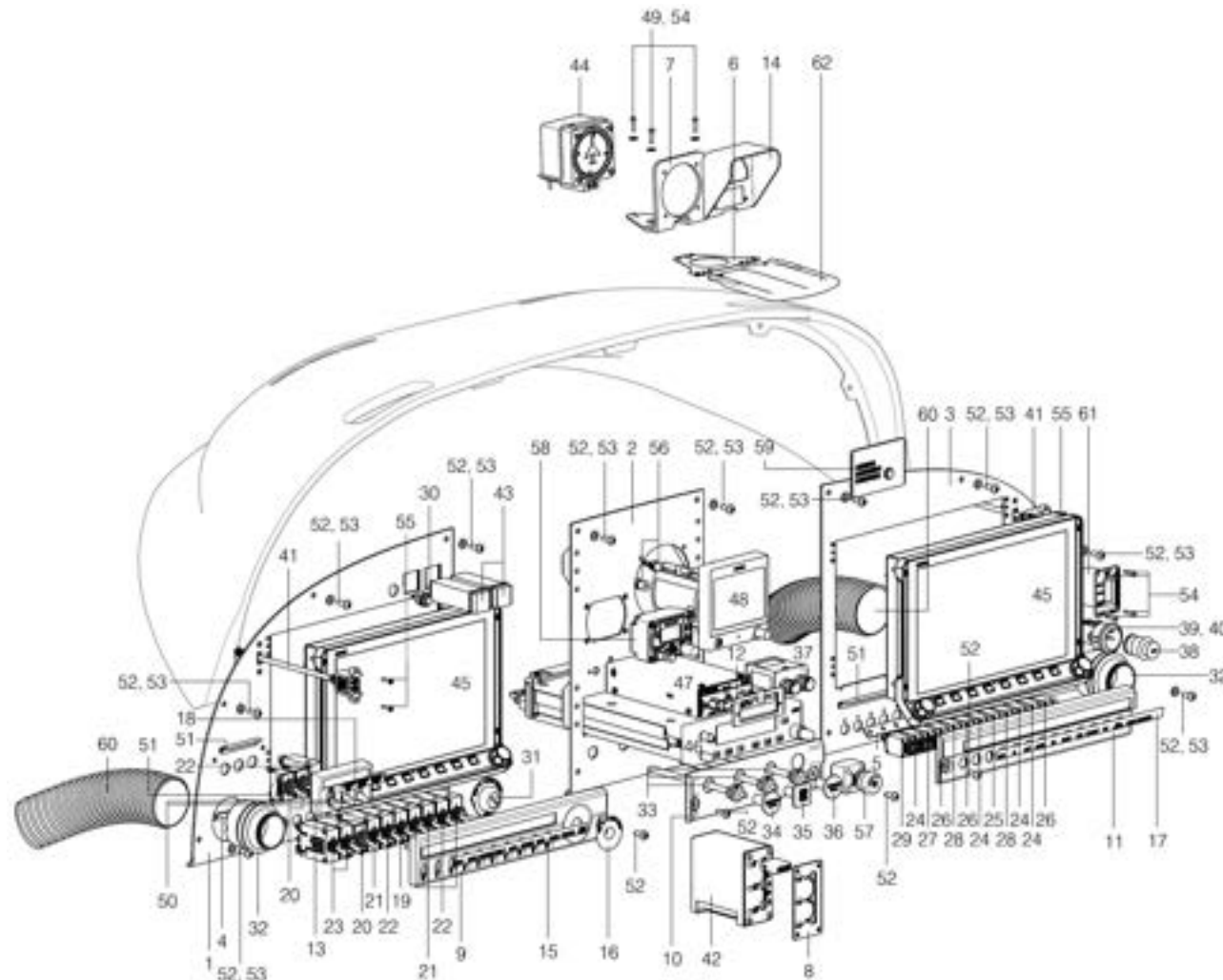


Fig. 39.10-26: Instrument panel XI assy-valid since C0655

**CHAPTER - 39****ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS****CR-IPC-1-0-00****SECTION - 39.10
INSTRUMENT PANEL***PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport*

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.10-26: Instrument panel XI assy-valid since C0655				
1	SA0151N	LEFT PANEL ASSY	1	
2	SA0152N	MIDDLE PANEL ASSY	1	
3	SA0153N	RIGHT PANEL ASSY	1	
4	SA0181N	CONDUCTIVE SHEET METAL	1	
5	SA0182N	CONDUCTIVE SHEET METAL	1	
6	SA0194N	COMPASS SHEET METAL	1	
7	SA0195N	COMPASS HOLDER	1	
8	SA0190N	FLAPS ACTUATOR CONTROLLER COVER	1	
9	SA0184N	COVER LEFT	1	
10	SA0185N	COVER MIDDLE	1	
11	SA0186N	COVER RIGHT	1	
12	SA0192N	COVER INTERCOM	1	
13	SA0187N	COVER MASTER	1	
14	SA0196N	COMPASS SUNSHIELD	1	
15	SA0175N	STICKER LEFT	1	
16	SA0176N	STICKER IGNITION SWITCH	1	
17	SA0177N	STICKER RIGHT	1	
18	SA0178N	STICKER MASTER	1	
19	W31X2M1G10	SW/CIRCUIT BREAKER 10A	1	
20	KN3(C)-101	TOGGLE SWITCH	3	
21	W31X2M1G3	SW/CIRCUIT BREAKER 3A	3	
22	W31X2M1G5	SW/CIRCUIT BREAKER 5A	4	
23	W31X2M1G7.5	SW/CIRCUIT BREAKER 7,5A	2	
24	KLIXON 2TC2-1	CIRCUIT BREAKER 1A	3	
25	KLIXON 2TC2-2	CIRCUIT BREAKER 2A	1	
26	KLIXON 2TC2-3	CIRCUIT BREAKER 3A	2	
27	KLIXON 2TC2-4	CIRCUIT BREAKER 4A	1	
28	KLIXON 2TC2-5	CIRCUIT BREAKER 5A	2	
29	KLIXON 2TC2-10	CIRCUIT BREAKER 10A	1	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
30	R13-502 A-05-B	BUTTON 250V/1,5A	1	
31	ACS A-510-2	IGNITION SWITCH	1	
32	AVE.BVBLK-200	AIR VENT	2	
33	MCU224-072	CONTROL ROD	3	
34	6277BP	PARK BRAKE KNOB	1	
35	6489BB	CARB HEAT KNOB	1	
36	6277BH	CABIN HEAT KNOB	1	
37	6653P016	LAMBERT DOUBLE DIMMER	1	
38	3251B008	12V SOCKET COVER	1	
39	6902MI47	12V SOCKET	1	
40	66505021	LED 12V	1	
41	6302US05	USB CABLE	2	
42	6502RP42	FLAPS ACTUATOR CONTROLLER	1	
43	6302EF40	LAMBERT ELECTRONIC TABLO	2	
44	PAI-700	MAGNETIC COMPASS	1	
45	102864-000	SV-HDX-1100	2	
46	010-01025-50	GARMIN GNC 255A	1	
47	PM 3000	INTERCOM	1	
48	K10-00280-01	GARMIN G5	1	
49	3131X408	WASHER	3	DIN 125-4.3-PA6.6
50	11-00815	TOGGLE SWITCH COVER-RED	3	
51	66505025	LED STRIP-RED	1	length 600 mm
52	MS51958-63B	SCREW	14	
53	3136O003	WASHER	10	DIN 125-5.3-PA6.6
54	MS35214-16	SCREW	7	
55	MS24693-BB6	SCREW	4	
56	3436L255	HOSE NECK	2	
57	6602MI43	FAN CONTROLLER	1	
58	FDL-978-TXL	TC-978 CONTROLLER	1	
59	6999Z016	CO DETECTOR 09-35601	1	

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.10

INSTRUMENT PANEL

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CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

SECTION - 39.10
INSTRUMENT PANEL

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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39 ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

39.40 ELECTRONIC PANELS

39.40	Electronic Panels	39-63
39.40.1	Electronic Parts on the Firewall-valid since P1102001.....	39-65
39.40.2	Electronic Parts on the Firewall-valid since P1102001.....	39-67
39.40.3	Electronic Parts on the Firewall-valid since P1102024.....	39-69
39.40.4	Electronic Parts on the Firewall-valid since P1102024.....	39-71
39.40.5	Electronic Parts on the Firewall-valid since P1102024.....	39-73
39.40.6	Electronic Parts on the Firewall-valid since P1102024.....	39-75
39.40.7	Electronic Parts Installation-valid since P1102001.....	39-77
39.40.8	Electronic Parts Installation-valid since P1102001.....	39-79
39.40.9	Lighting Brightness Controller Installation-valid since P1102001	39-81
39.40.10	G205 Stick Grip Installation-valid since P1102001	39-83



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39.40.1 Electronic Parts on the Firewall-valid since P1102001

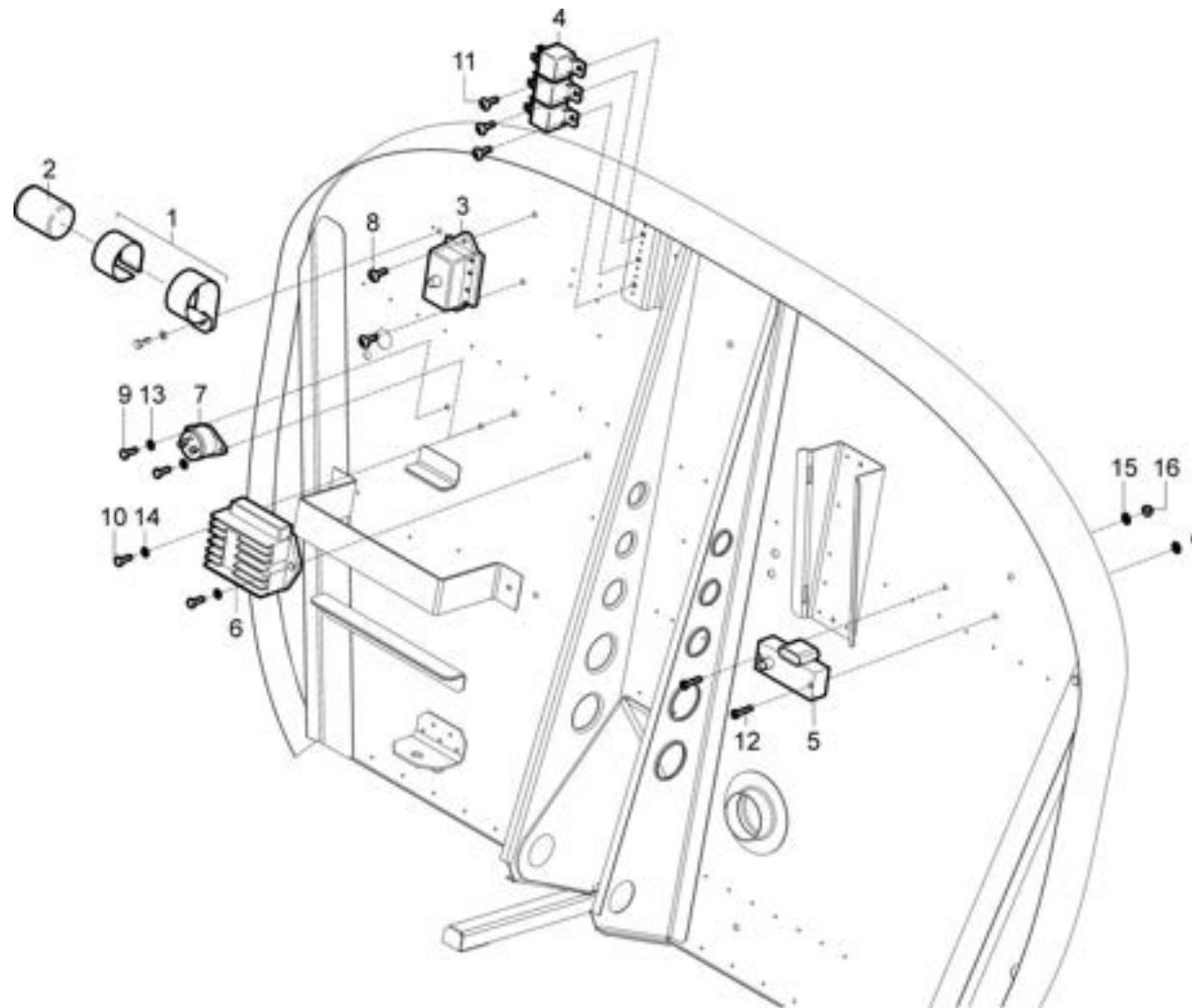


Fig. 39.40-1: Electronic parts on the firewall-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.40

ELECTRONIC PANELS

[illegible][illegible]



39.40.2 Electronic Parts on the Firewall-valid since P1102001

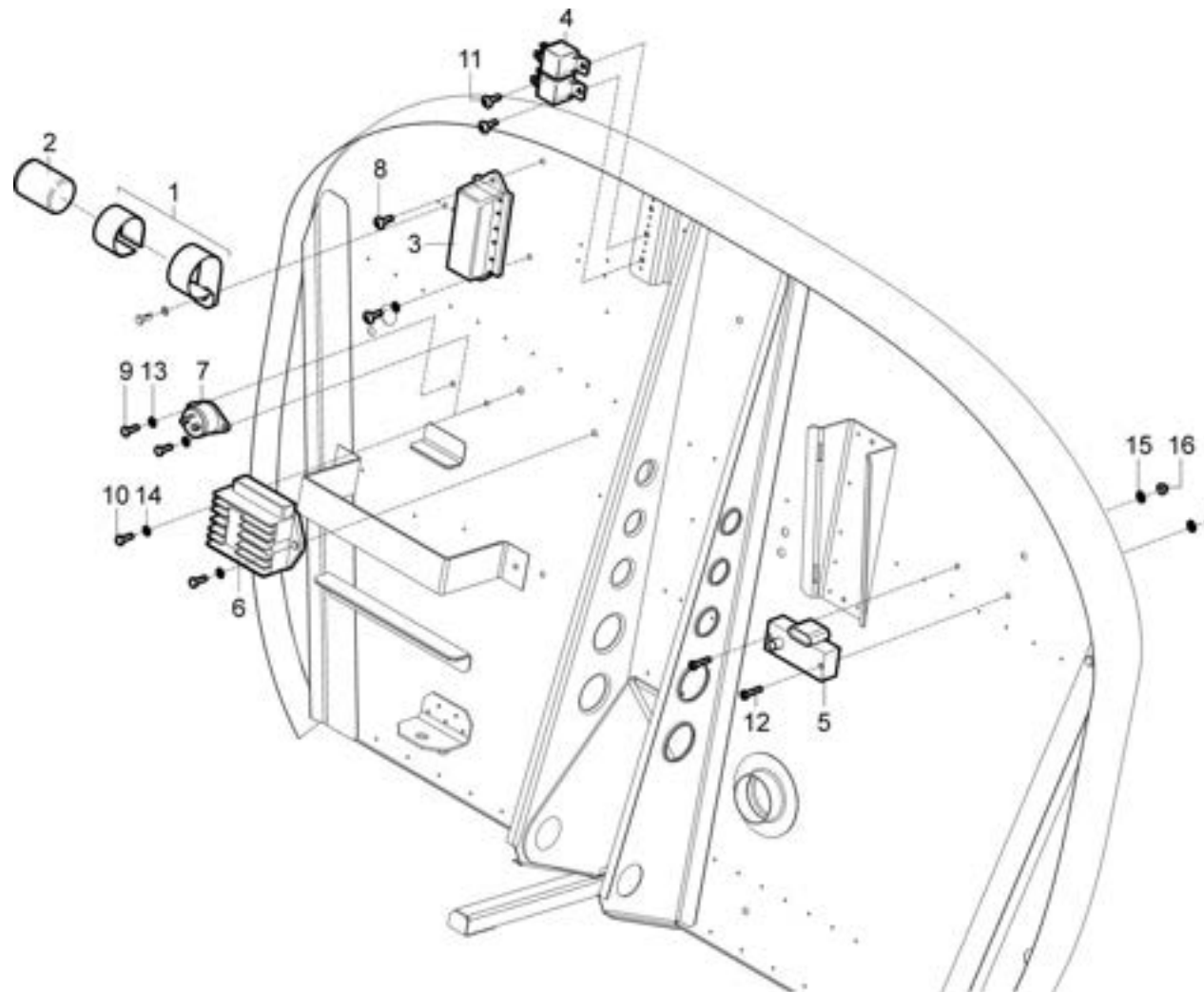


Fig. 39.40-2: Electronic parts on the firewall-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.40

ELECTRONIC PANELS

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39.40.3 Electronic Parts on the Firewall-valid since P1102024

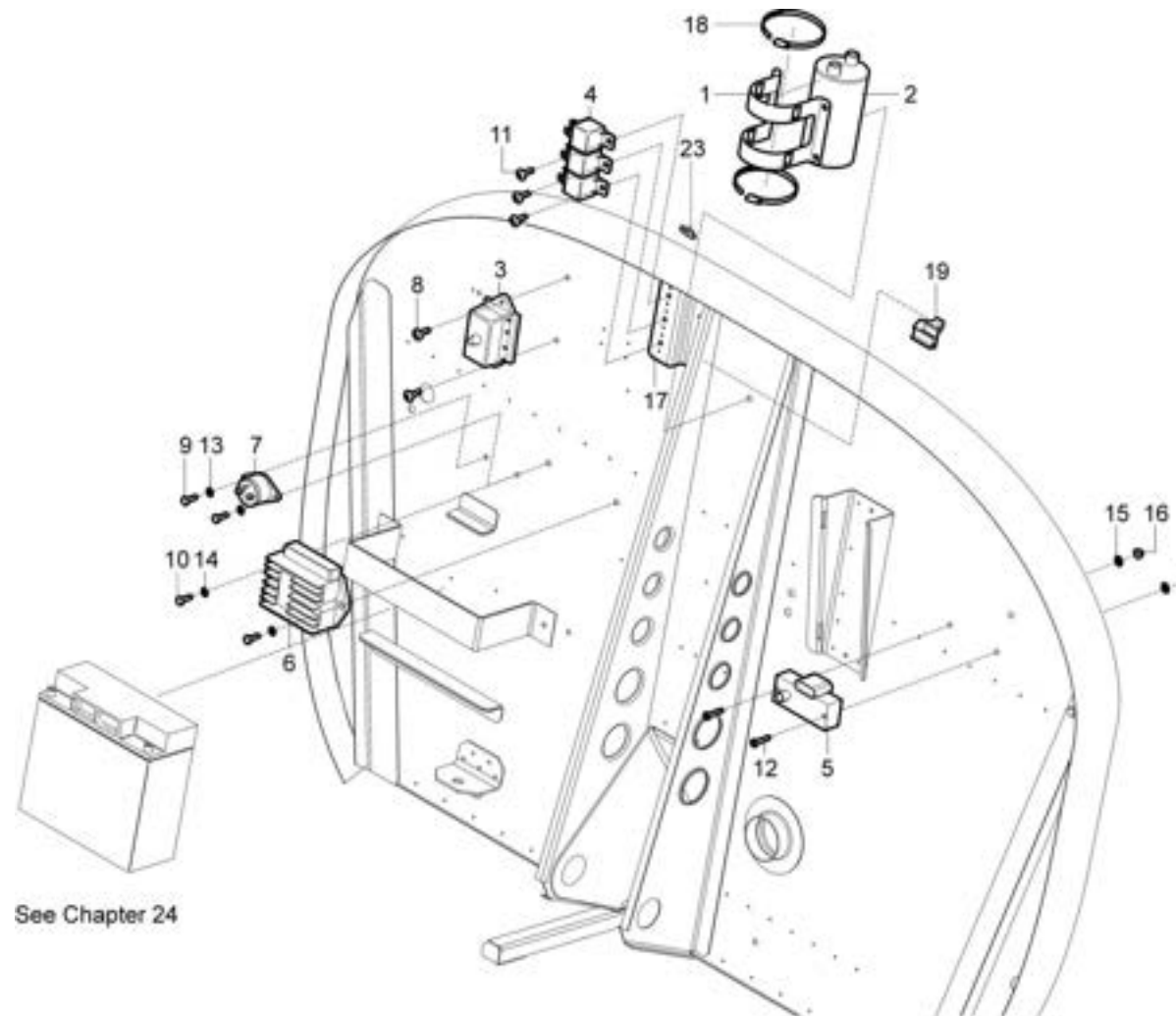


Fig. 39.40-3: Electronic parts on the firewall-valid since P1102024

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.40-3: Electronic parts on the firewall-valid since P1102024				
1	SE0335N	HOLDER ASSY	1	
2	6650G003	EPCOS CAPACITOR	1	
3	ATC1023	FUSE HOLDER	1	
4	NVF4-2C-Z40A FRC2C-DC12 *	RELAY 14V/40A	3	replacement
5	100434-000	MAP SENSOR	1	
6	965349	RECTIFIER REGULATOR	1	
7	P LC1C18	CONTACTOR	1	
8	MS35206-246	SCREW	2	
9	AN3-4A	BOLT	2	
10	AN4-5A	BOLT	2	
11	MS35206-245	SCREW	3	
12	DIN 7985	BOLT M4x30	2	
13	AN960-10	WASHER	2	
14	AN960-416	WASHER	2	
15	DIN 125, ZN	WASHER 4	2	
16	DIN 985, ZB	NUT M4	2	
17	SE0376N *	RELAY HOLDER	1	
18	3330A006	HOSE CLAMP 50-70/9	2	
19	3331A009	HOLDER LHMS-S5-C	1	
20	3331A001	CABLE TIE W GT-100MC	1	w/o illustration
21	16040412	RIVET	9	w/o illustration
22	10342406	RIVET	4	
23	AN366F-1032	ANCHOR NUT	2	

* No Relay Holder (SE0376N) used if Relays type FRC2C-DC12 installed

[illegible]



39.40.4 Electronic Parts on the Firewall-valid since P1102024

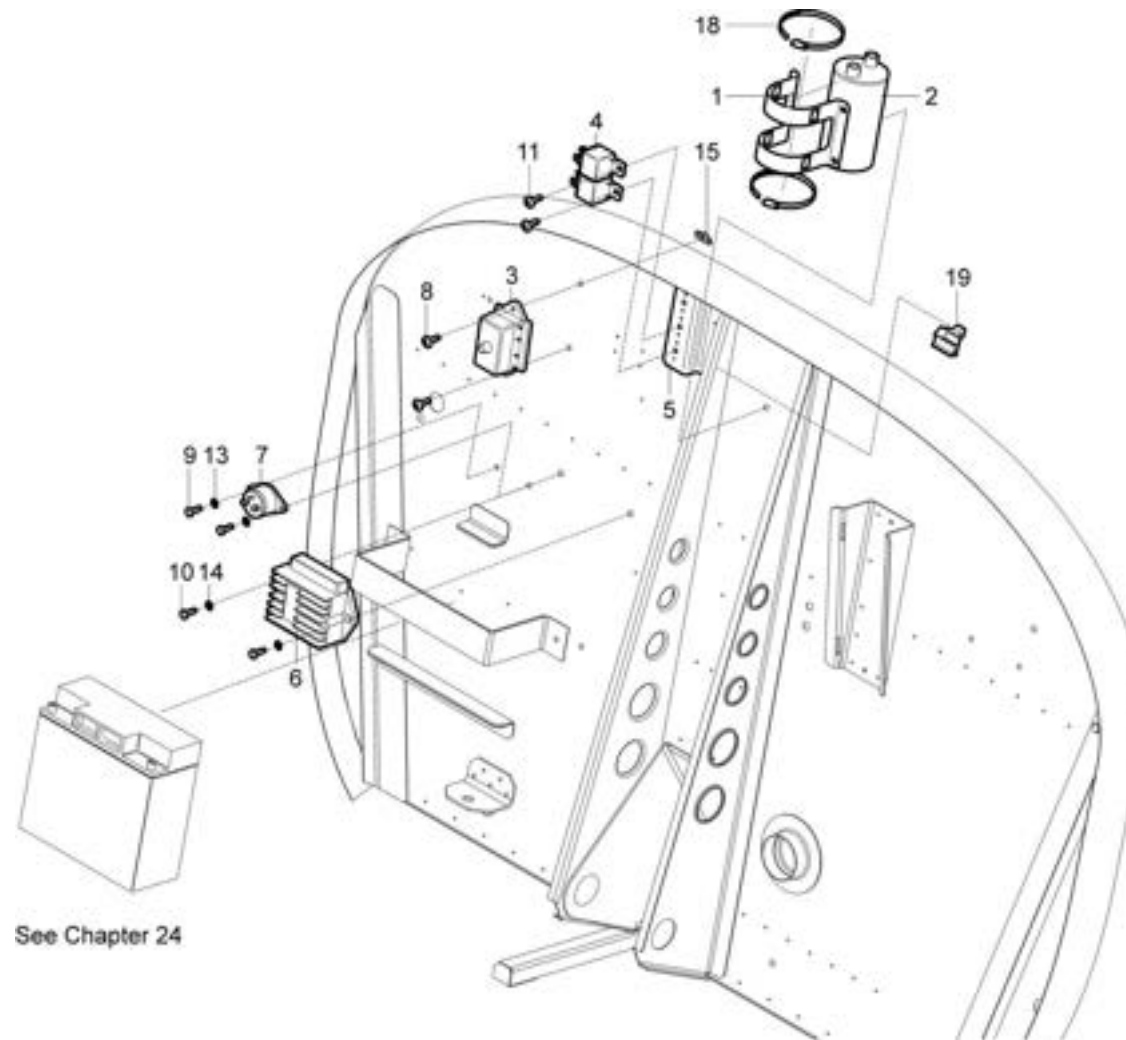


Fig. 39.40-4: Electronic parts on the firewall-valid since P1102024

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.40

ELECTRONIC PANELS

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.40-4: Electronic parts on the firewall-valid since P1102024				
1	SE0335N	HOLDER ASSY	1	
2	6650G003	EPCOS CAPACITOR	1	
3	8990R011	FUSE HOLDER	1	
4	NVF4-2C-Z40A FRC2C-DC12 *	RELAY 14V/40A	2	replacement
5	SE0376N *	RELAY HOLDER	1	
6	965349	RECTIFIER REGULATOR	1	
7	P LC1C18	CONTACTOR	1	
8	MS35206-246	SCREW	2	
9	AN3-4A	BOLT	2	
10	AN4-5A	BOLT	2	
11	MS35206-245	SCREW	3	
12				INTENTIONALLY LEFT BLANK
13	AN960-10	WASHER	2	
14	AN960-416	WASHER	2	
15	AN366F-1032	ANCHOR NUT	2	
16				INTENTIONALLY LEFT BLANK
17				INTENTIONALLY LEFT BLANK
18	3330A006	HOSE CLAMP 50-70/9	2	
19	3331A009	HOLDER LHMS-S5-C	1	
20	3331A001	CABLE TIE W GT-100MC	1	w/o illustration
21	16040412	RIVET	9	w/o illustration
22	10342406	RIVET	4	w/o illustration

* No Relay Holder (SE0376N) used if Relays type FRC2C-DC12 installed

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39.40.5 Electronic Parts on the Firewall-valid since P1102024

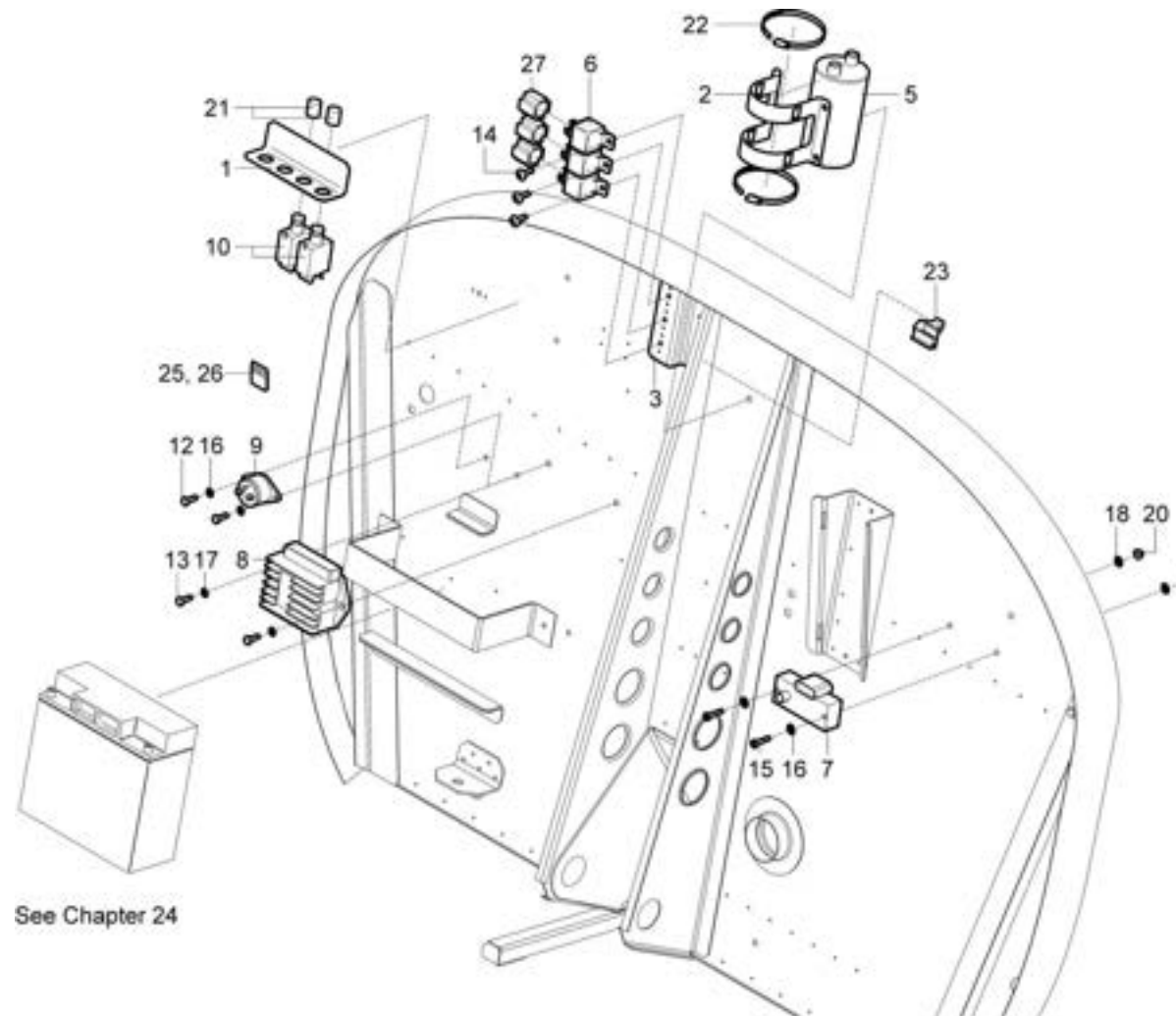


Fig. 39.40-5: Electronic parts on the firewall-valid since P1102024

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.40

ELECTRONIC PANELS

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.40-5: Electronic parts on the firewall-valid since P1102024				
1	SI0124N	CIRCUIT BREAKER HOLDER	1	
2	SE0335N	HOLDER ASSY	1	
3	SF0376N *	RELAY HOLDER	1	
4				INTENTIONALLY LEFT BLANK
5	6650G003	EPCOS CAPACITOR	1	
6	NVF4-2C-Z40A FRC2C-DC12 *	RELAY 14V/40A	3	replacement
7	6302EM15	MAP SENSOR 100434-000	1	
8	965349	RECTIFIER REGULATOR	1	ROTAX part
9	P LC1C18	CONTACTOR	1	ROTAX part
10	6612FU06	CIRCUIT BREAKER	2	
11				
12	AN3-4A	BOLT	2	
13	AN4-5A	BOLT	2	
14	3111O645	SCREW MS35206-245	3	
15	3111X409	SCREW M4x30, DIN 7985	2	
16	AN960-10	WASHER	4	
17	AN960-416	WASHER	2	
18	3131X402	WASHER 4, DIN 125, ZN	2	
19				INTENTIONALLY LEFT BLANK
20	3121X402	NUT M4, DIN 985, ZB	2	
21	6503GTS2	CIRCUIT BREAKER COVER	2	
22	3330A006	HOSE CLAMP 50-70/9	2	
23	3331A009	HOLDER LHMS-S5-C	1	
24				INTENTIONALLY LEFT BLANK
25	3800D100	FUSE 1A	1	
26	3800D110	FUSE HOLDER	1	
27	66515067	RELAY SOCKET GRL CS3770	3	
28	3331A001	CABLE TIE W GT-100MC	1	
* No Relay Holder (SE0376N) used if Relays type FRC2C-DC12 installed				

[illegible]



39.40.6 Electronic Parts on the Firewall-valid since P1102024

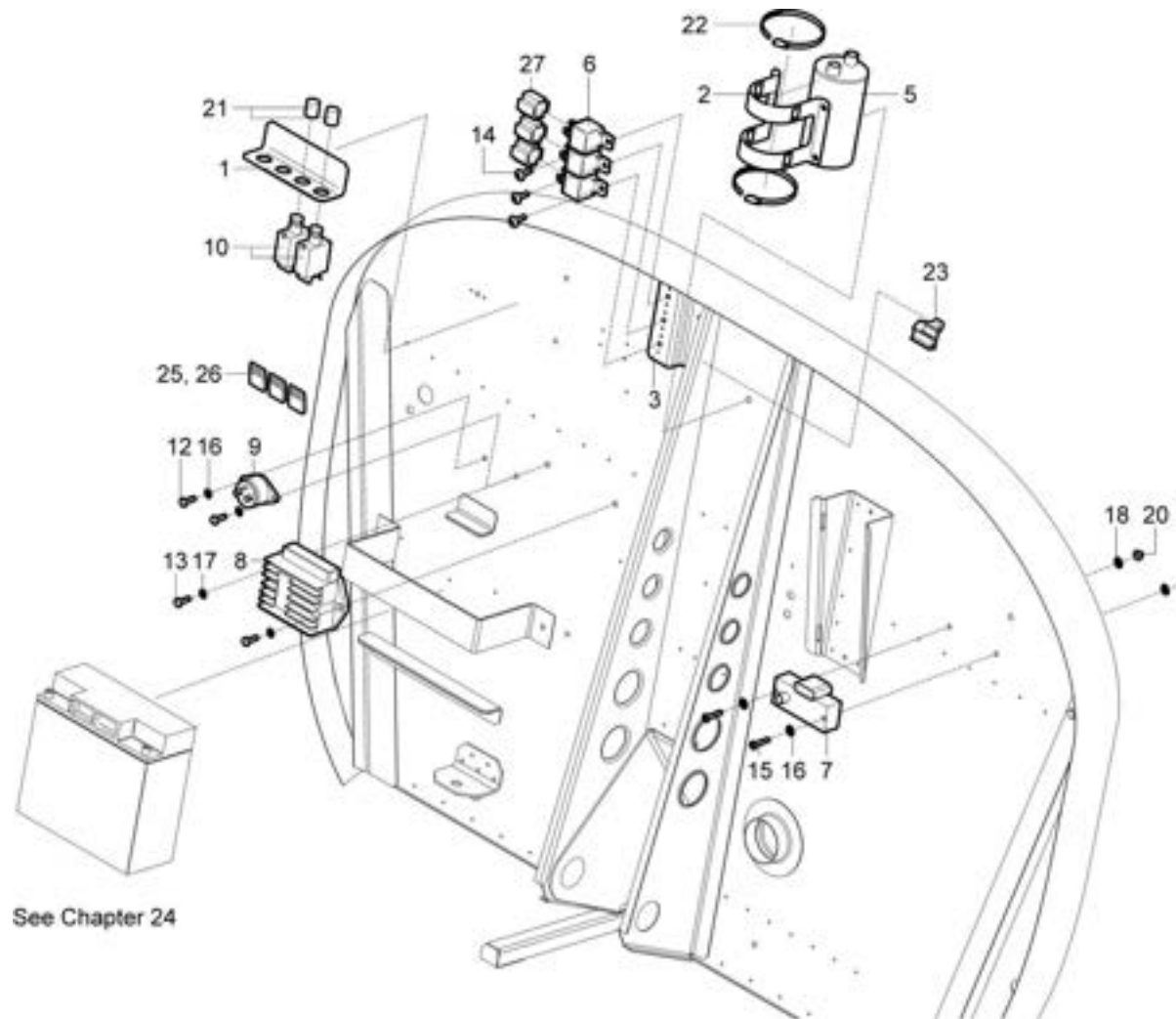


Fig. 39.40-6: Electronic parts on the firewall-valid since P1102024

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.40

ELECTRONIC PANELS

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 39.40-6: Electronic parts on the firewall-valid since P1102024				
1	SI0124N	CIRCUIT BREAKER HOLDER	1	
2	SE0335N	HOLDER ASSY	1	
3	SF0376N *	RELAY HOLDER	1	
4				INTENTIONALLY LEFT BLANK
5	6650G003	EPCOS CAPACITOR	1	
6	NVF4-2C-Z40A FRC2C-DC12 *	RELAY 14V/40A	3	replacement
7	6302EM15	MAP SENSOR 100434-000	1	
8	965349	RECTIFIER REGULATOR	1	ROTAX part
9	P LC1C18	CONTACTOR	1	ROTAX part
10	6612FU06	CIRCUIT BREAKER	2	
11				
12	AN3-4A	BOLT	2	
13	AN4-5A	BOLT	2	
14	3111O645	SCREW MS35206-245	3	
15	3111X409	SCREW M4x30, DIN 7985	2	
16	AN960-10	WASHER	4	
17	AN960-416	WASHER	2	
18	3131X402	WASHER 4, DIN 125, ZN	2	
19				INTENTIONALLY LEFT BLANK
20	3121X402	NUT M4, DIN 985, ZB	2	
21	6503GTS2	CIRCUIT BREAKER COVER	2	
22	3330A006	HOSE CLAMP 50-70/9	2	
23	3331A009	HOLDER LHMS-S5-C	1	
24				INTENTIONALLY LEFT BLANK
25	3800D100	FUSE 1A	3	
26	3800D110	FUSE HOLDER	3	
27	66515067	RELAY SOCKET GRL CS3770	3	
28	3331A001	CABLE TIE W GT-100MC	1	
* No Relay Holder (SE0376N) used if Relays type FRC2C-DC12 installed				

[illegible]



39.40.7 Electronic Parts Installation-valid since P1102001

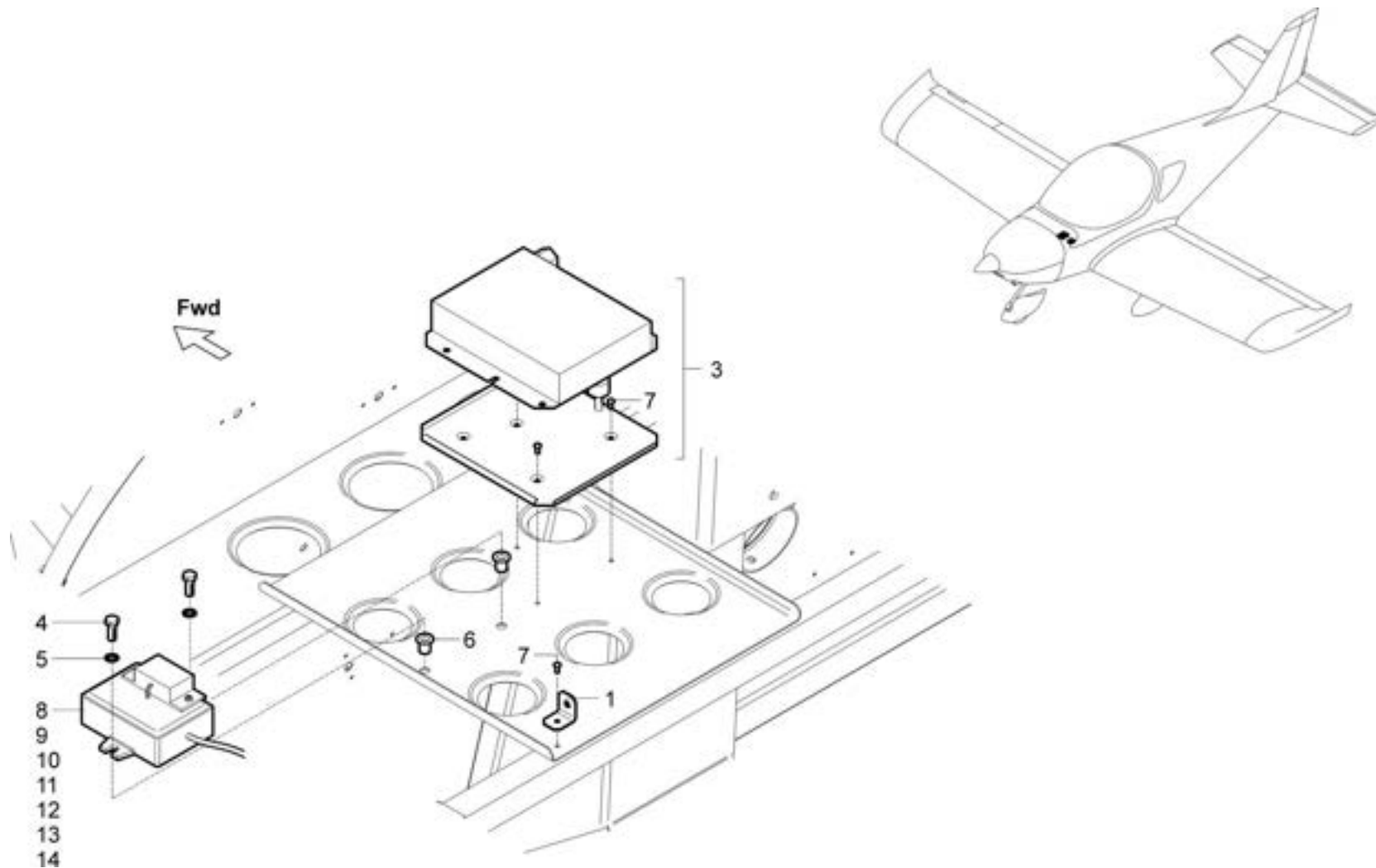


Fig. 39.40-7: Electronic parts installation-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.40

ELECTRONIC PANELS

[illegible][illegible]



39.40.8 Electronic Parts Installation-valid since P1102001

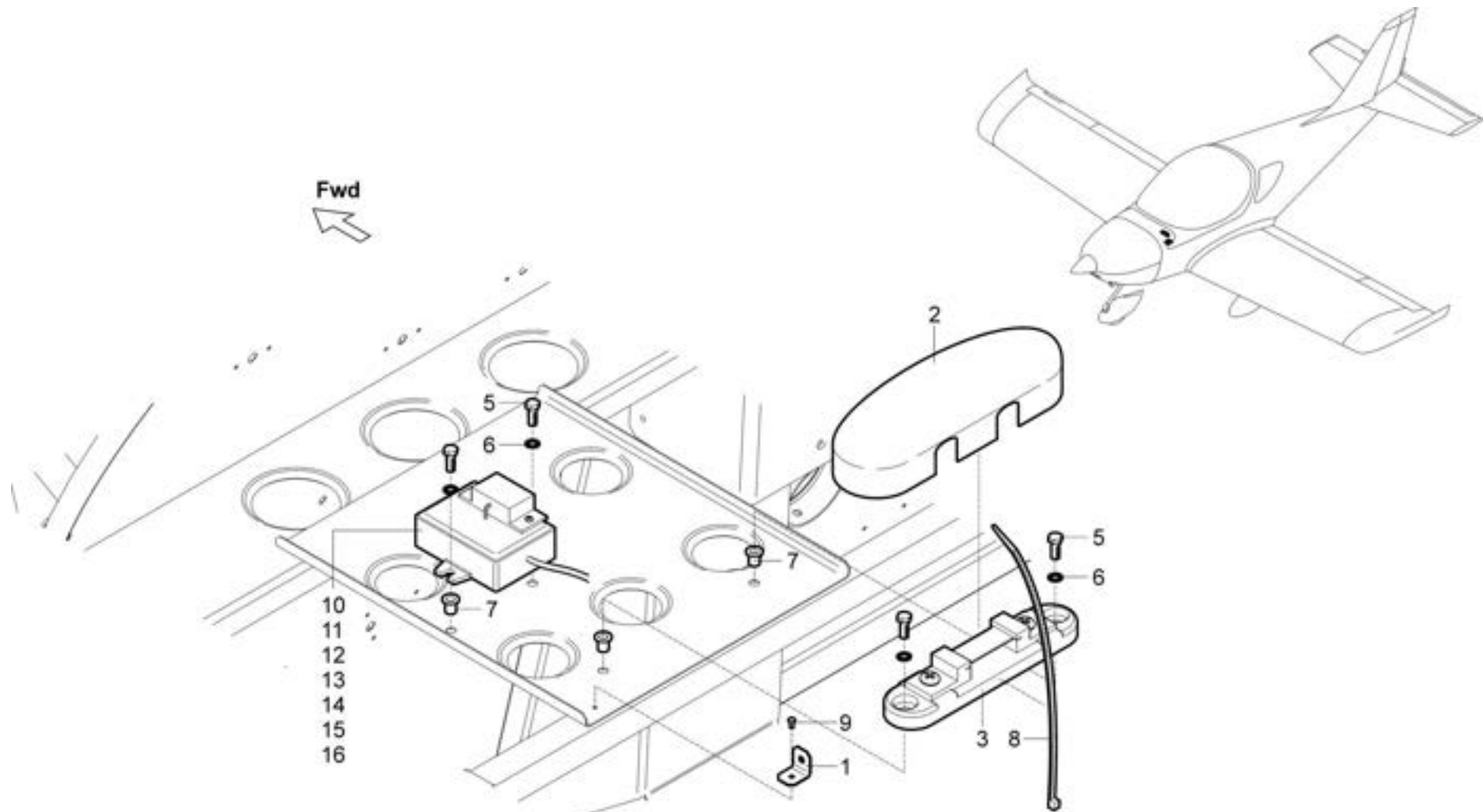


Fig. 39.40-8: Electronic parts installation-valid since P1102001

CHAPTER - 39

ELECTRIC / ELECTRONIC PANELS AND MULTIPURPOSE PARTS

CR-IPC-1-0-00

PS-28 Cruiser

PS-28N Cruiser

SportCruiser

PiperSport

SECTION - 39.40

ELECTRONIC PANELS

[illegible][illegible]



39.40.9 Lighting Brightness Controller Installation-valid since P1102001

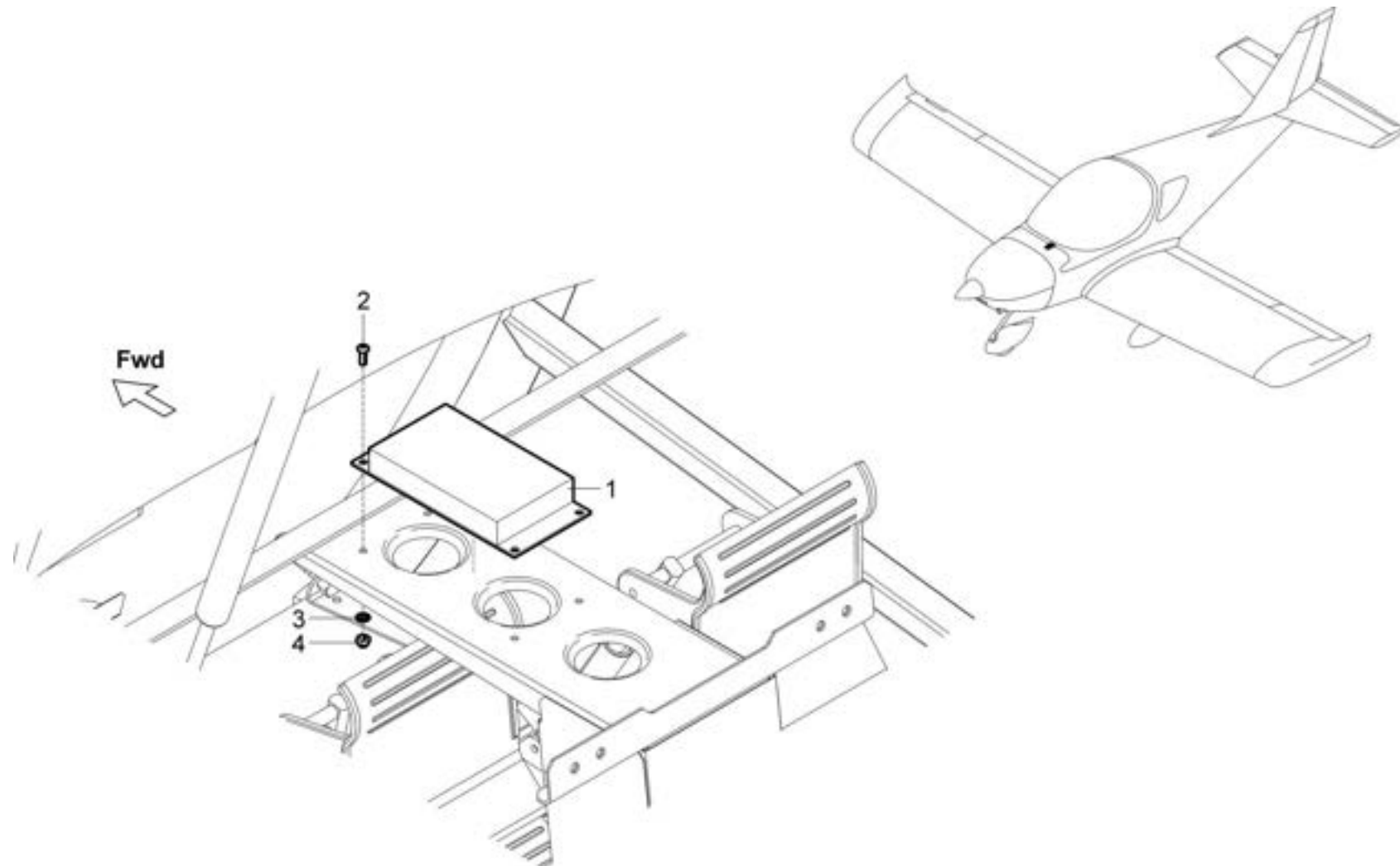


Fig. 39.40-9: Lighting brightness controller installation-valid since P1102001

[illegible][illegible]



39.40.10 G205 Stick Grip Installation-valid since P1102001

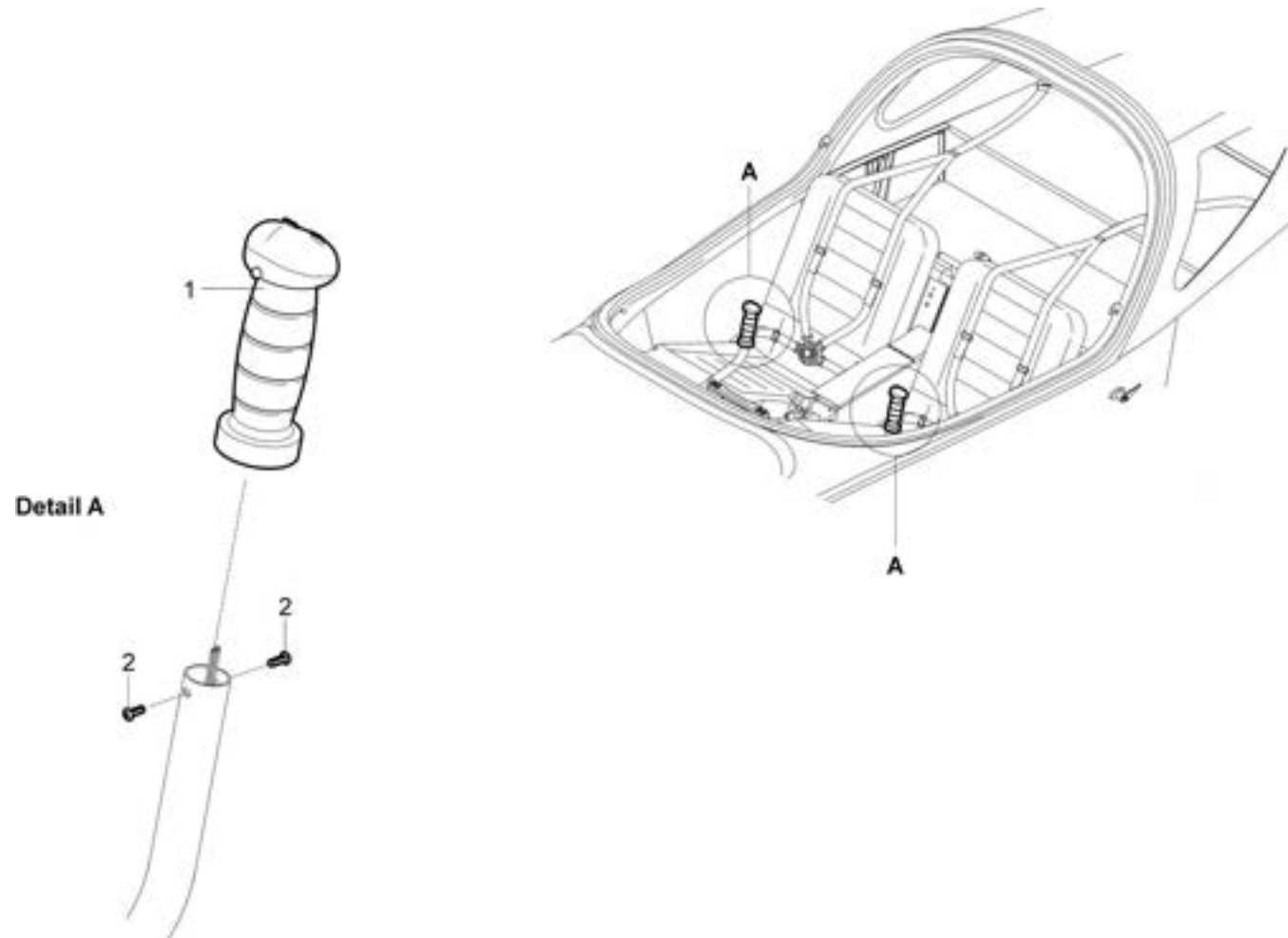


Fig. 39.40-10: G205 stick grip installation-valid since P1102001

[illegible][illegible]



52 DOORS AND WINDOWS

52.10 PASSENGER / CREW

52.10	Passenger / Crew	52-1
52.10.1	Canopy Door and Windows	52-3
52.10.2	Canopy Door Assy	52-5
52.10.3	Rear View Mirror Installation-valid since P1102001	52-7



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52.10.1 Canopy Door and Windows

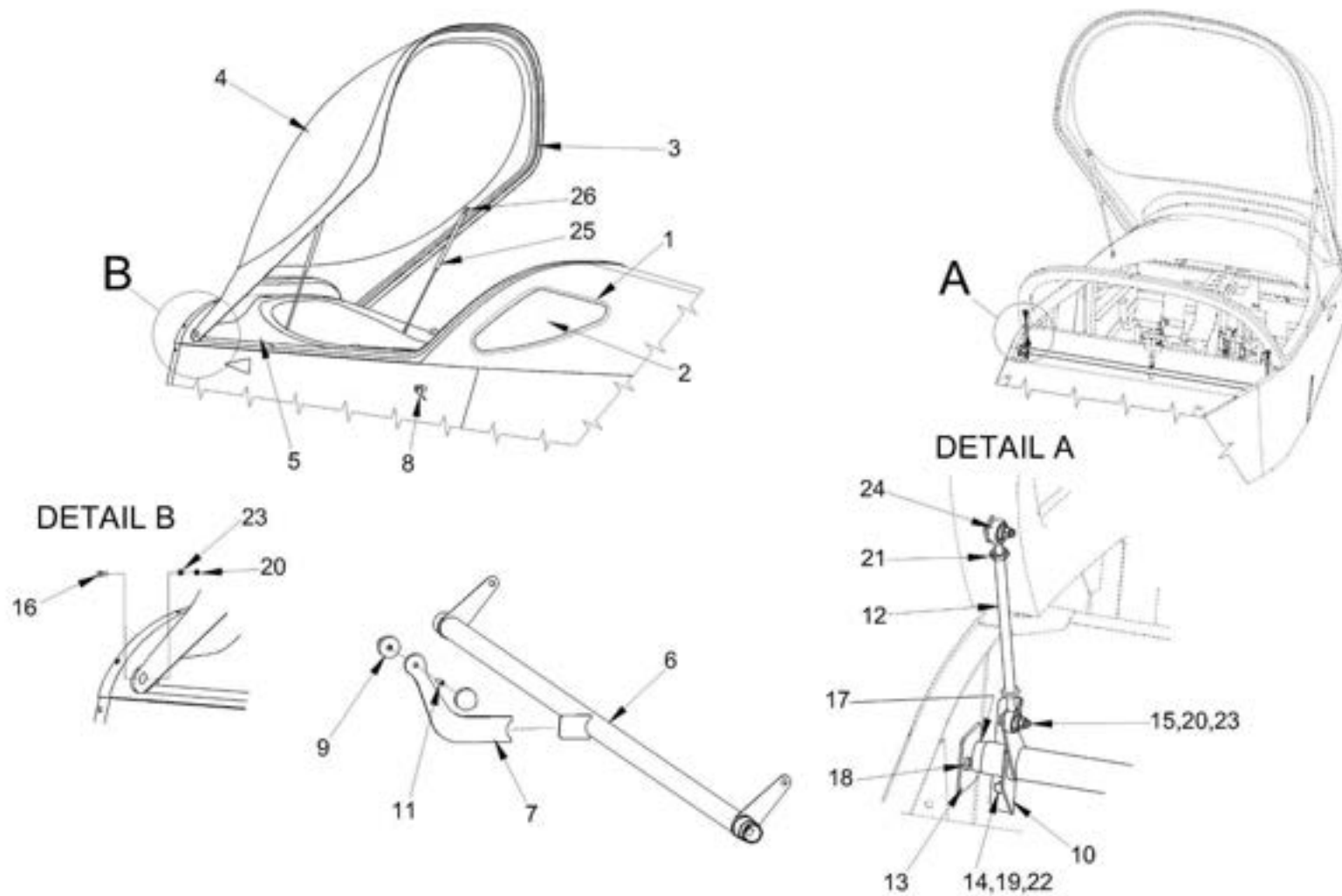


Fig. 52.10-1: Canopy door and windows



SECTION - 52.10
PASSENGER / CREW

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



52.10.2 Canopy Door Assy

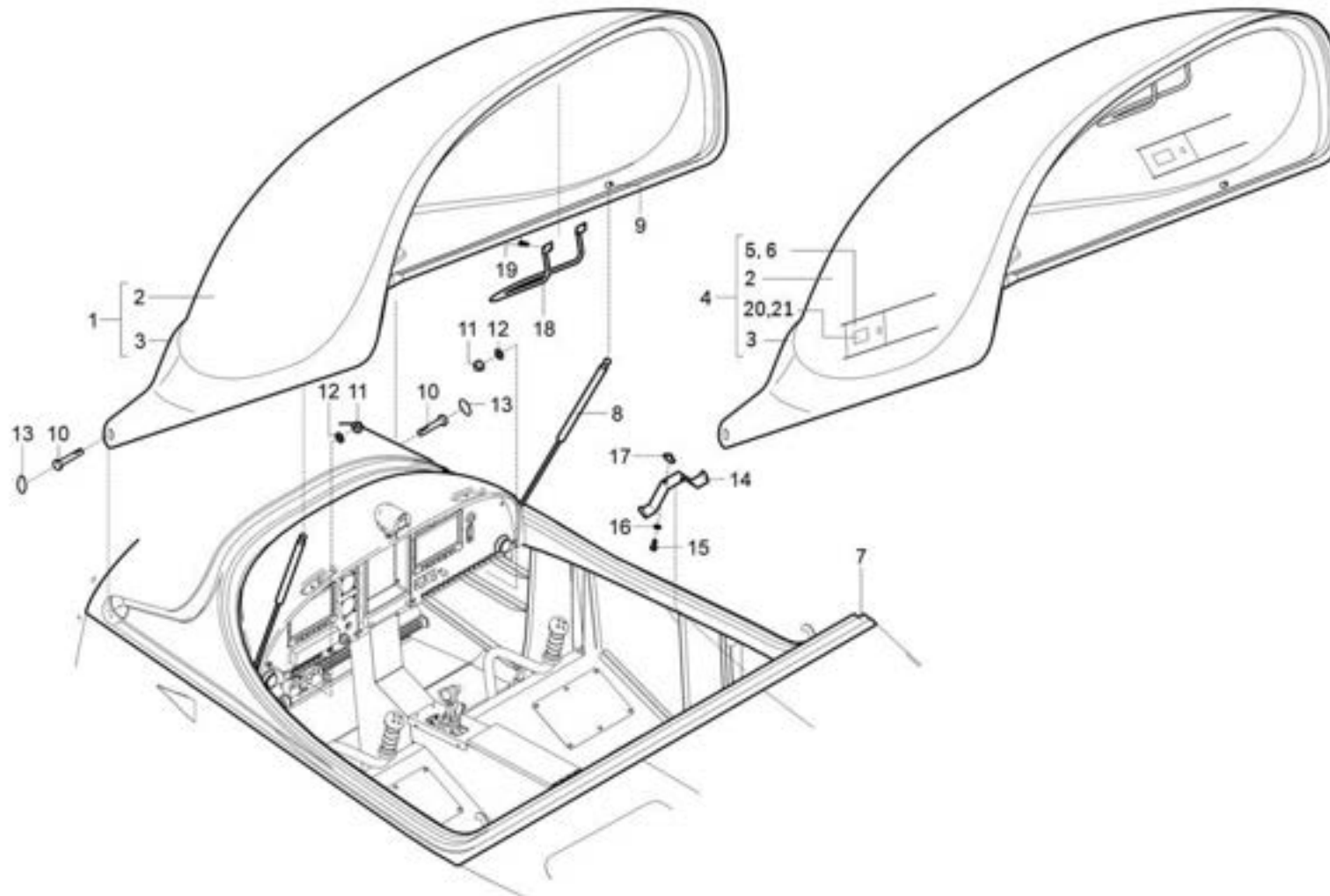
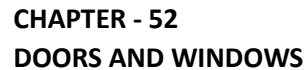


Fig. 52.10-2: Canopy door assy



SECTION - 52.10
PASSENGER / CREW

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



52.10.3 Rear View Mirror Installation-valid since P1102001

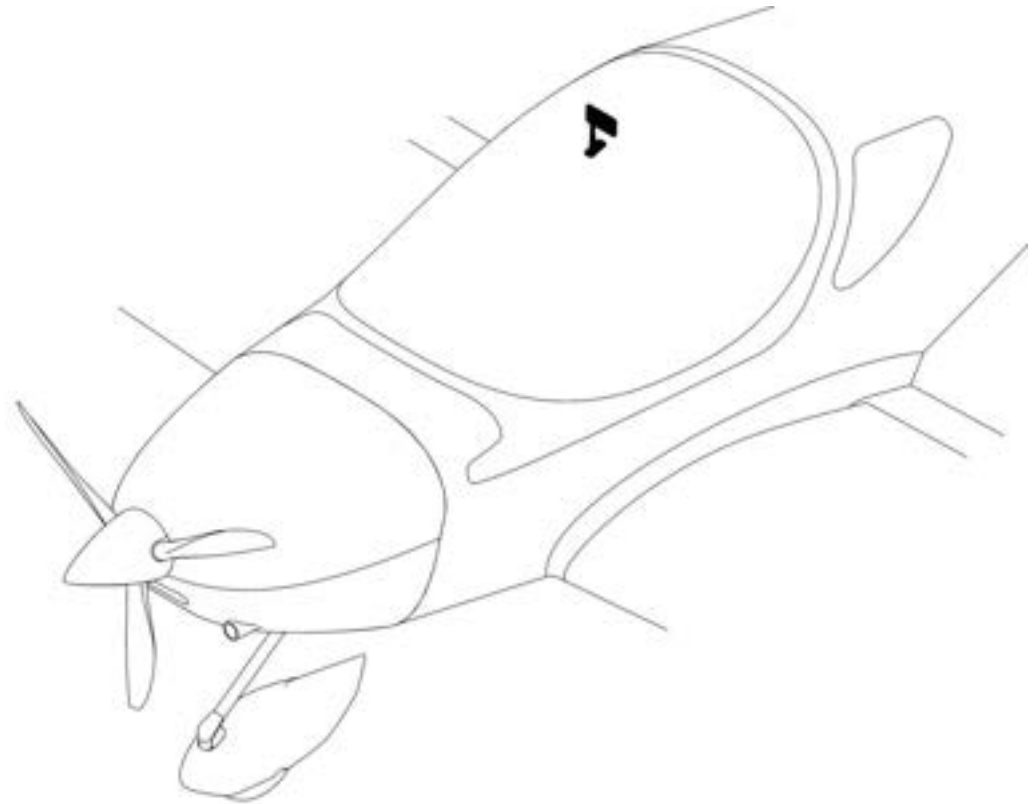
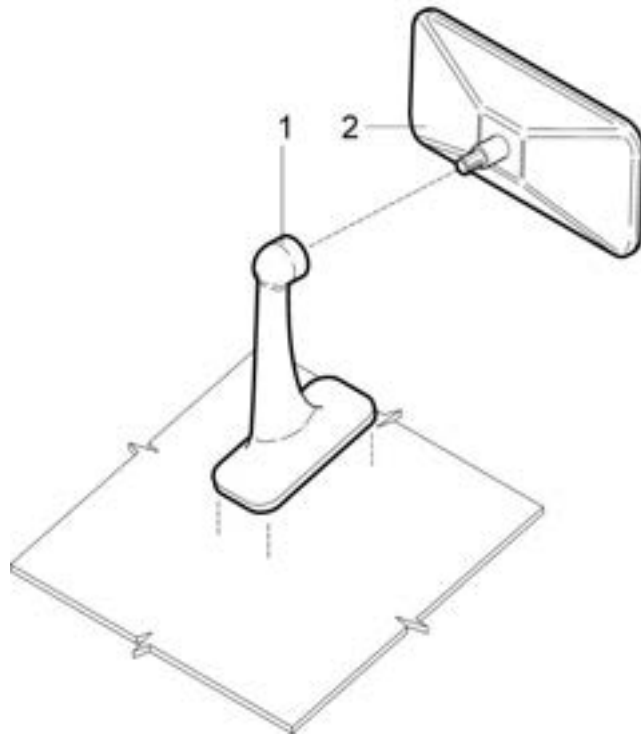
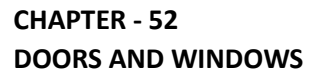


Fig. 52.10-3: Rear view mirror installation-valid since P1102001



SECTION - 52.10
PASSENGER / CREW

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



52 DOORS AND WINDOWS

52.70 MONITORING AND OPERATING

52.70	Monitoring and Operating.....	52-9
52.70.1	Canopy Unlocked Micro Switch Installation-valid since P1102001.....	52-11
52.70.2	Control Lever Unlocked Micro Switch Installation-valid since P1102001	52-13



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52.70.1 Canopy Unlocked Micro Switch Installation-valid since P1102001

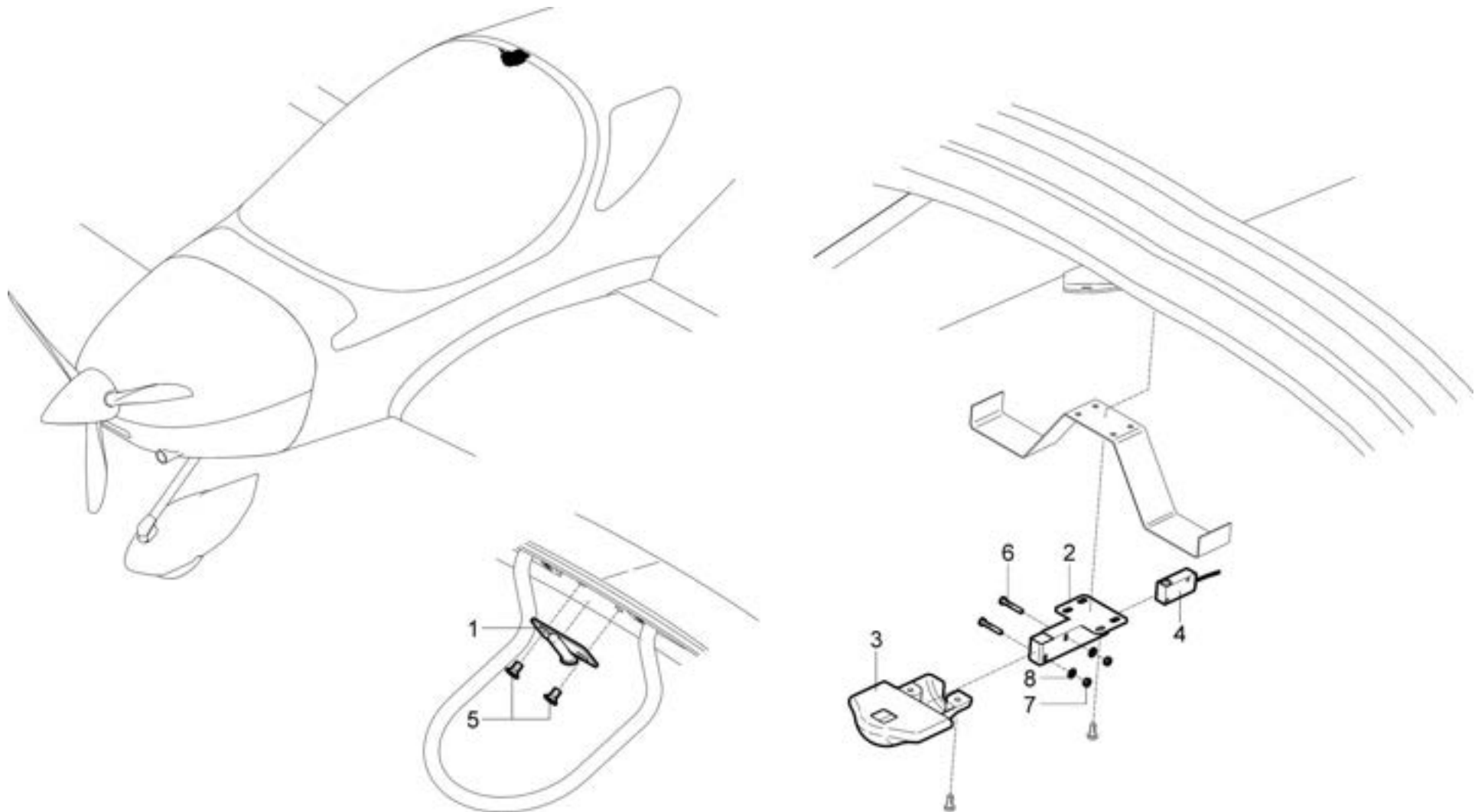
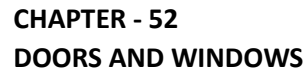


Fig. 52.70-1: Canopy unlocked micro switch installation-valid since P1102001



SECTION - 52.70
MONITORING AND OPERATING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



52.70.2 Control Lever Unlocked Micro Switch Installation-valid since P1102001

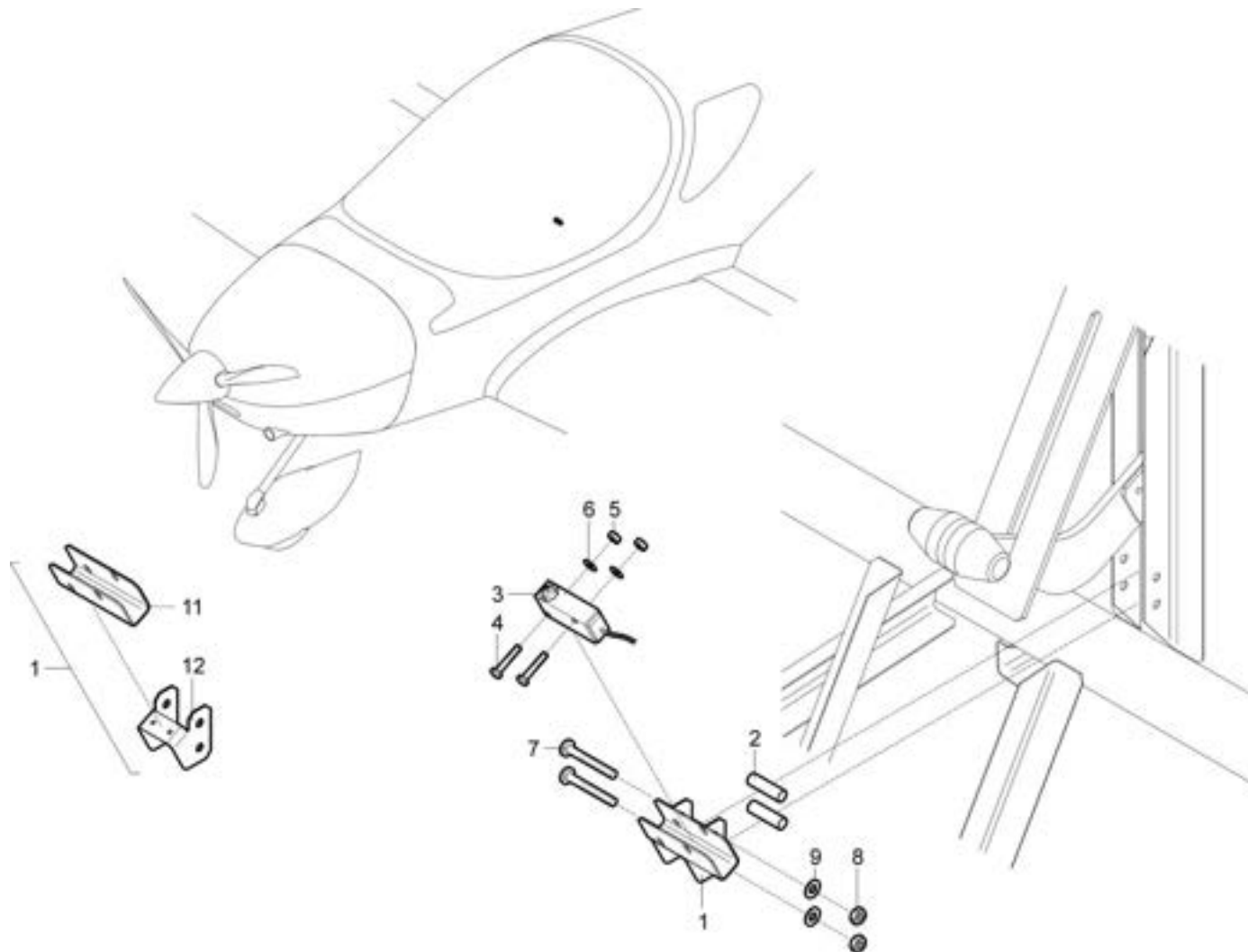
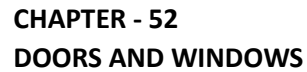


Fig. 52.70-2: Control lever unlocked micro switch installation-valid since P1102001



SECTION - 52.70
MONITORING AND OPERATING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



53 FUSELAGE

53.10 FUSELAGE

53.10	Fuselage.....	53-1
53.10.1	Fuselage Skin	53-3
53.10.2	Firewall Assy	53-5
53.10.3	Front Fuselage Frame Assy.....	53-7
53.10.4	Rear Fuselage Frame Assy	53-11
53.10.5	Central Console	53-15
53.10.6	Baggage Area.....	53-17
53.10.7	Step.....	53-19
53.10.8	Cover Installation.....	53-21
53.10.9	USB Panel Installation.....	53-23
53.10.10	USB Panel Installation.....	53-25
53.10.11	Towing Gear Installation-valid since P1102001	53-27
53.10.12	Control Lever Installation-valid since P1102001	53-29
53.10.13	Tow Hook Installation-valid since P1102001.....	53-31



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53.10.1 Fuselage Skin

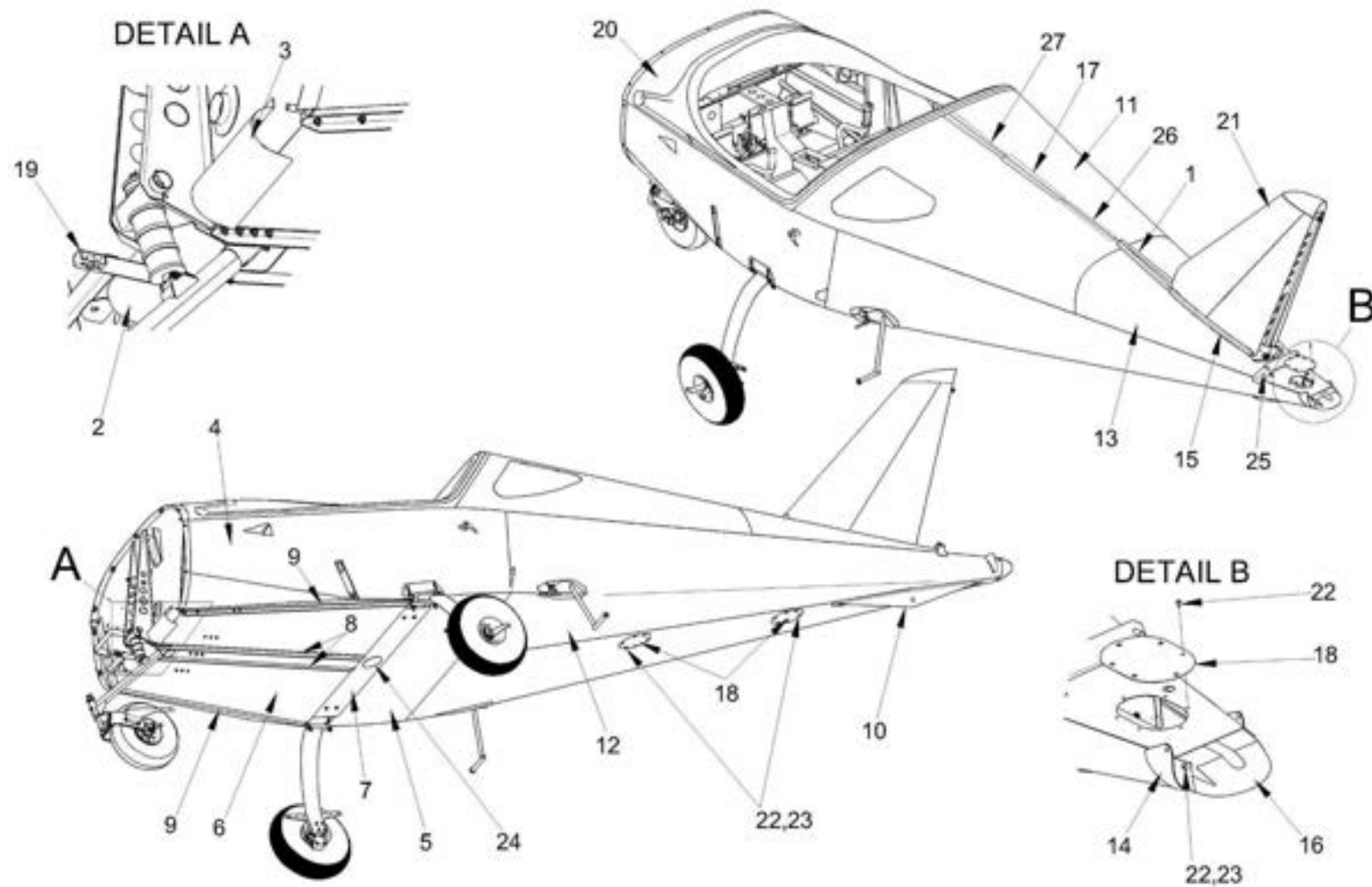


Fig. 53.10-1: Fuselage skin

[illegible]



53.10.2 Firewall Assy

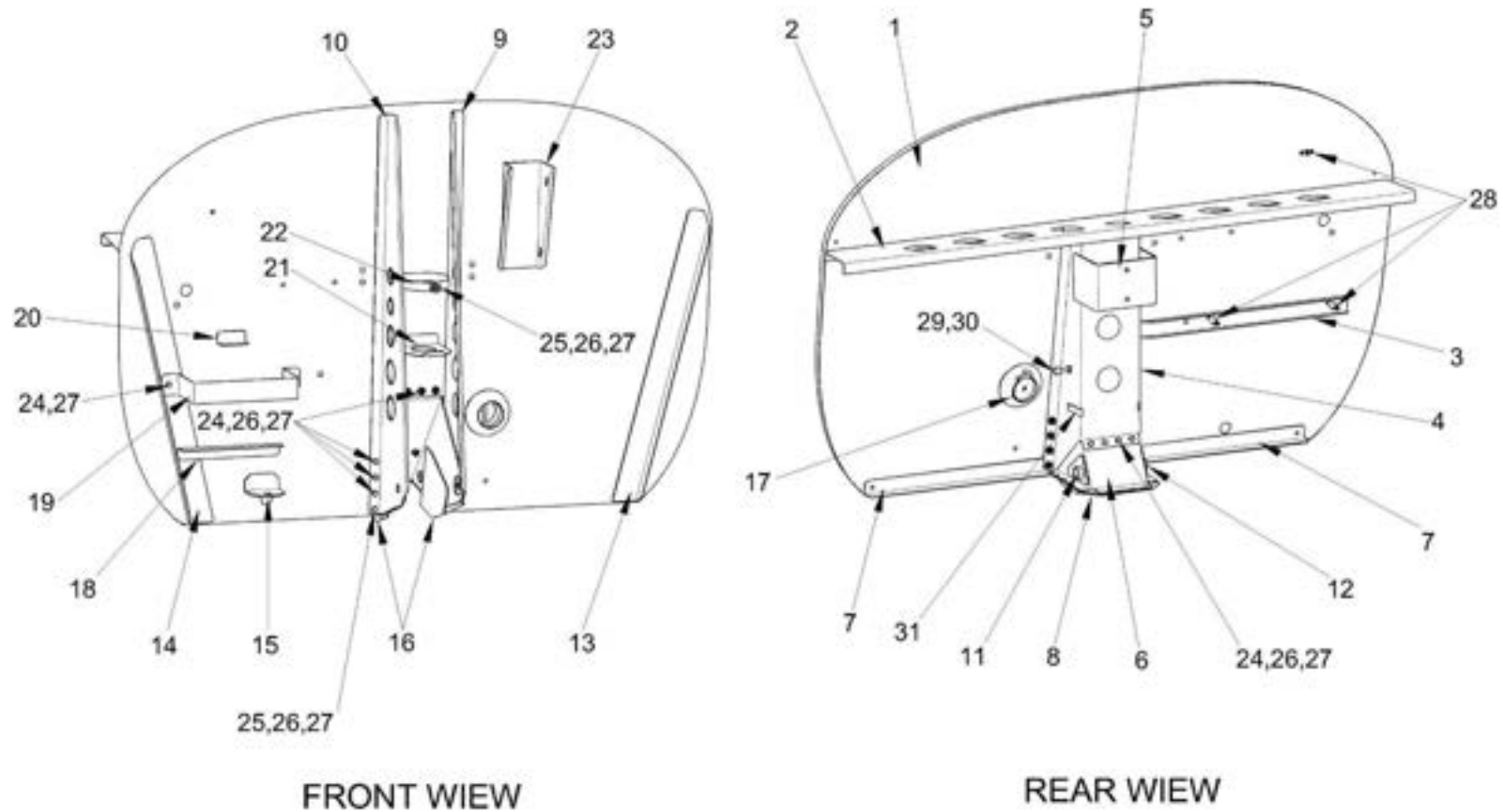


Fig. 53.10-2: Firewall assy

[illegible]



53.10.3 Front Fuselage Frame Assy

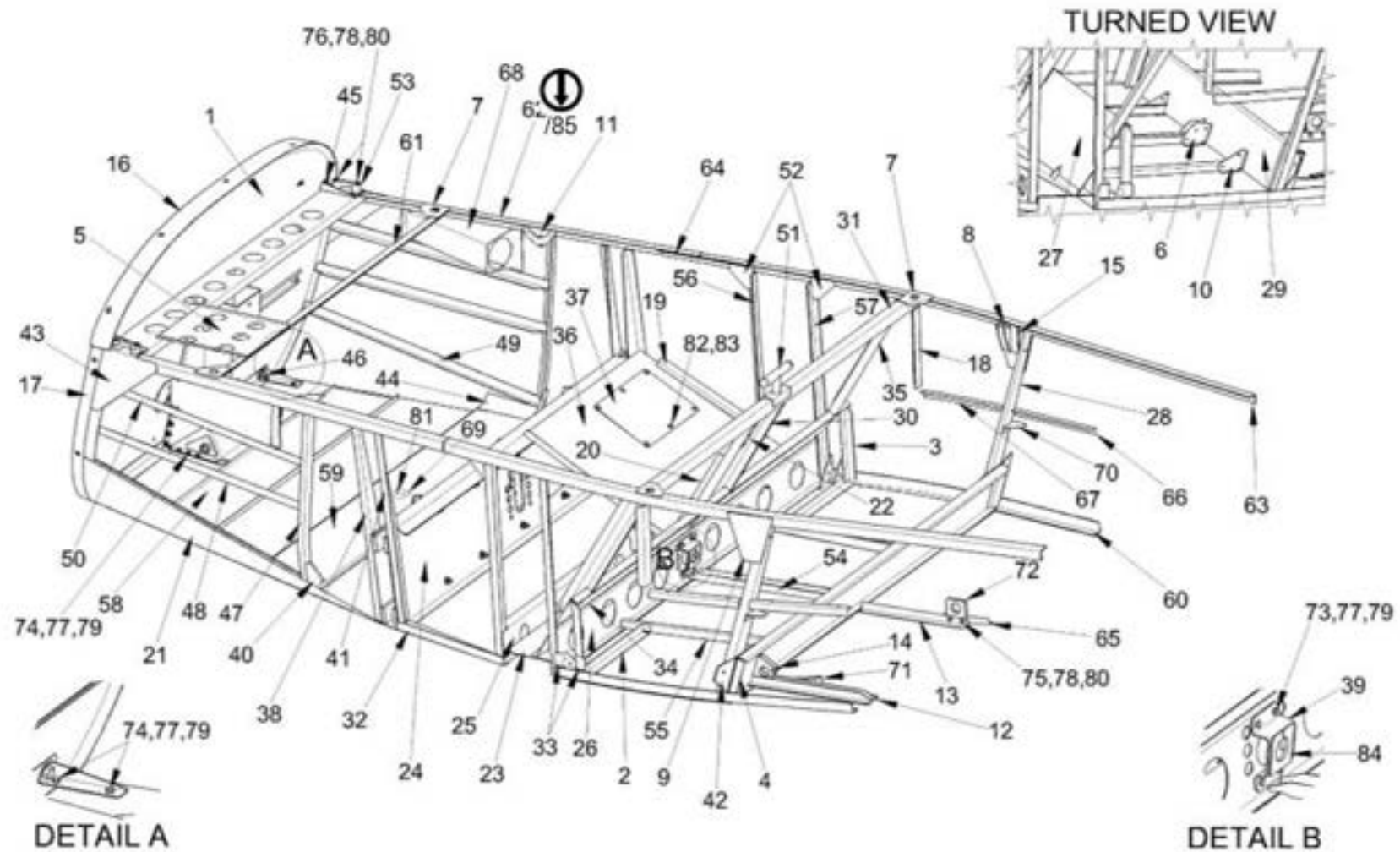


Fig. 53.10-3: Front fuselage frame assy



CHAPTER - 53
FUSELAGE

CR-IPC-1-0-00

SECTION - 53.10
FUSELAGE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 53.10-3: Front fuselage frame assy				
1		FIREWALL ASSY		
2	SF0043LP	BRACKET	1L+1R	
3	SF0044LP	BRACKET	1L+1R	
4	SF0046LP	ANGLE	1L+1R	
5	SF0047N	INSTRUMENT BASE	1	
6	SF056LP	LEVER BRACKET	1L+1R	
7	SF0057N	CORNER BRACKET	4	
8	SF0058LP	PARACHUTE ATTACHMENT	1L+1R	
9	SF0064N	SIDE STIFFENER	2	
10	SF0066LP	CORNER	1L+1R	
11	SF0072N	BRACKET	2	
12	SF0077LP	ANGLE	1L+1R	
13	SF0078N	CENTRE ANGLE	1	
14	SF0082N	BRACKET	1	
15	SF0083N	STIFFENER	2	
16	SF0090N	UPPER FLANGE	1	
17	SF0091LP	LOWER FLANGE	1L+1R	
18	SF0093N	ANGLE	2	
19	SF0098LP	SEAT SHEET ANGLE	1L+1R	
20	SF0099LP	SEAT SHEET ANGLE	1L+1R	
21	SF0104N	FRONT FLOOR	1	
22	SF0105N	CENTRE LEAD	1	
23	SF0108N	MAIN GEAR CHANNEL	1	
24	SF0110N	CENTRE SPAR ASSY	1	
25	SF0115N	FRONT SEAT STIFFENER	1	
26	SF0116N	REAR SEAT STIFFENER	1	
27	SF0117N	REAR SEAT PANEL	1	
28	SF0119LP	REAR SPAR STIFFENER	1	
29	SF0120N	REAR CENTRE SPAR	1	
30	SF0121N	MIDDLE SEAT CHANNEL	1	

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
31	SF0122N	BAGGAGE FLOOR SUPPORT	1	
32	SF0126LP	REINFORCEMENT	1L+1R	
33	SF0127N	A.C.F. BELLCRANK HINGE	4	
34	SF0128N	ANGLE	1	
35	SF0129LP	SEAT BACK SIDE CHANNEL	1L+1R	
36	SF0135LP	SEAT SHEET	1L+1R	
37	SF0136N	COVER	2	
38	SF0137LP	SPAR SIDE ANGLE-FRONT	1L+1R	
39	SF0138N	REAR T.T. BEARING	1	
40	SF0140LP	GUSSET	1L+1R	
41	SF0144LP	SPAR SIDE ANGLE-REAR	1L+1R	
42	SF0151L	REAR WING ATTACHMENT	1+1	
43	SF0154LP	FRAME 1 STIFFENER	1L+1R	
44	SF0155LP	ROLLED GUSSET	1L+1R	
45	SF0166LP	UPPER ENGINE HINGE ASSY	1L+1R	
46	SF0168LP	LOWER ENGINE HINGE ASSY	1L+1R	
47	SF0170LP	SIDE SKIN STIFFENER	1L+1R	
48	SF0171LP	SIDE STIFFENER 1	1L+1R	
49	SF0172N	SIDE STIFFENER 2	2	
50	SF0173N	SIDE STIFFENER 3	2	
51	SF0175N	HANDLE	1	
52	SF0183N	STIFFENER	4	
53	SF0184N	FRONT ATTACHMENT	2	
54	SF0186N	FRAME 4-5 BRACKET	1	
55	SF0187LP	FRAME 4-5 ANGLE	1L+1R	
56	SF0188N	SIDE ANGLE 1	2	
57	SF0189N	SIDE ANGLE 2	2	
58	SF0190N	PEDAL CHANNEL	1	
59	SF0191N	FLOOR REINFORCEMENT	1	
60	SF0192LP	FLOOR ANGLE	1L+1R	
61	SF0196N	ANGLE	1	

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53.10.4 Rear Fuselage Frame Assy

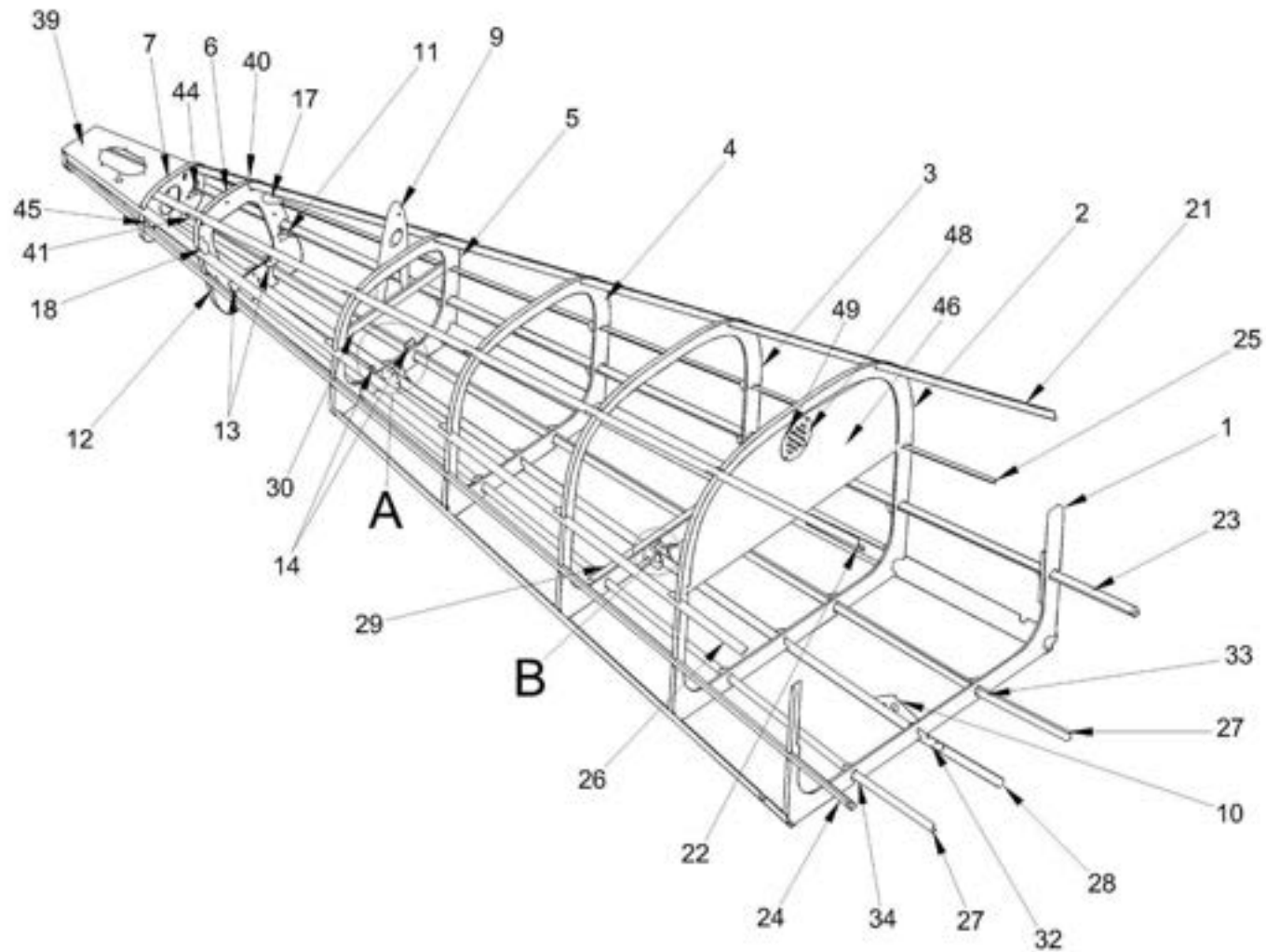


Fig. 53.10-4: Rear fuselage frame assy

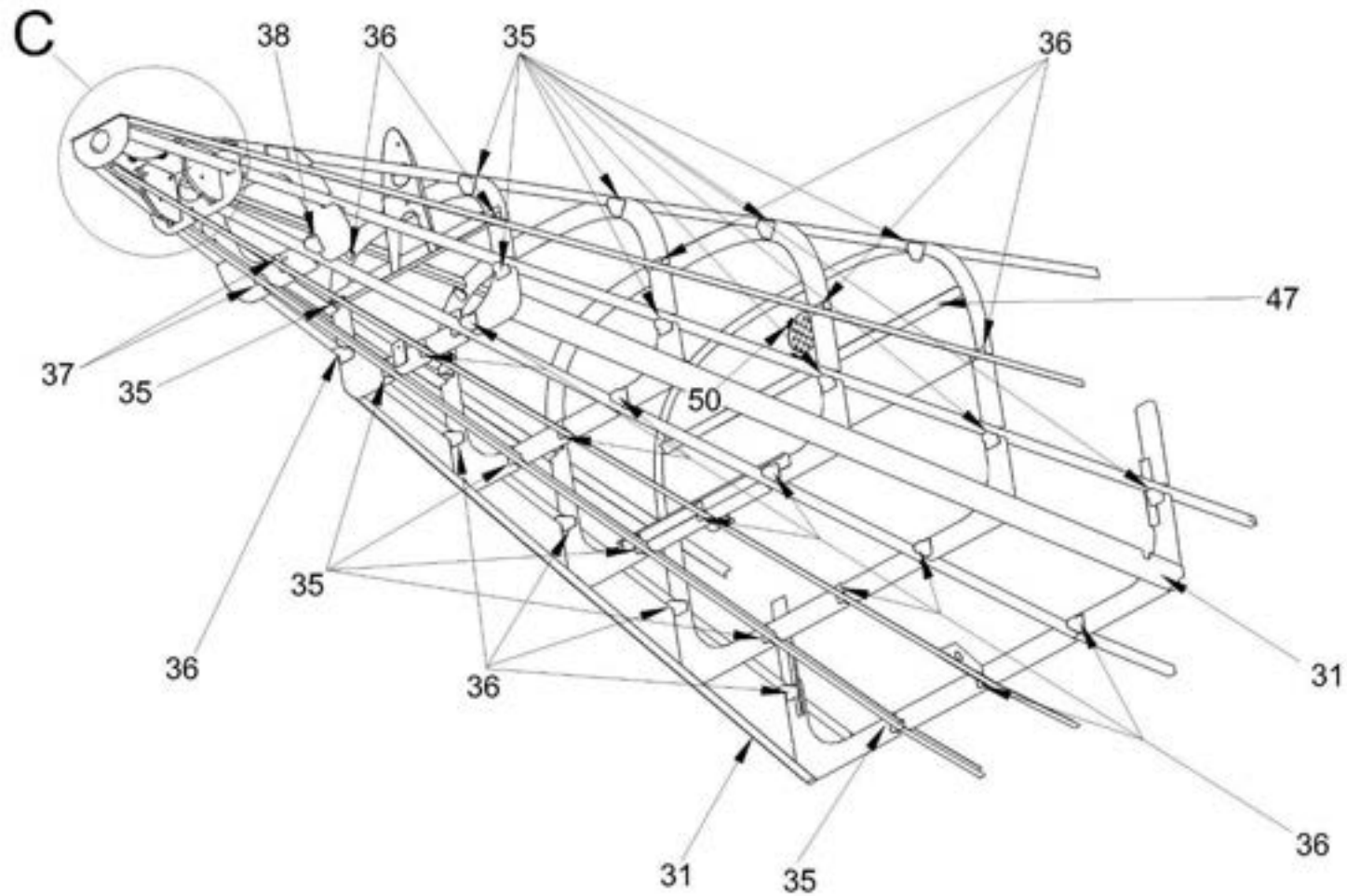


Fig. 53.10-5: Rear fuselage frame assy

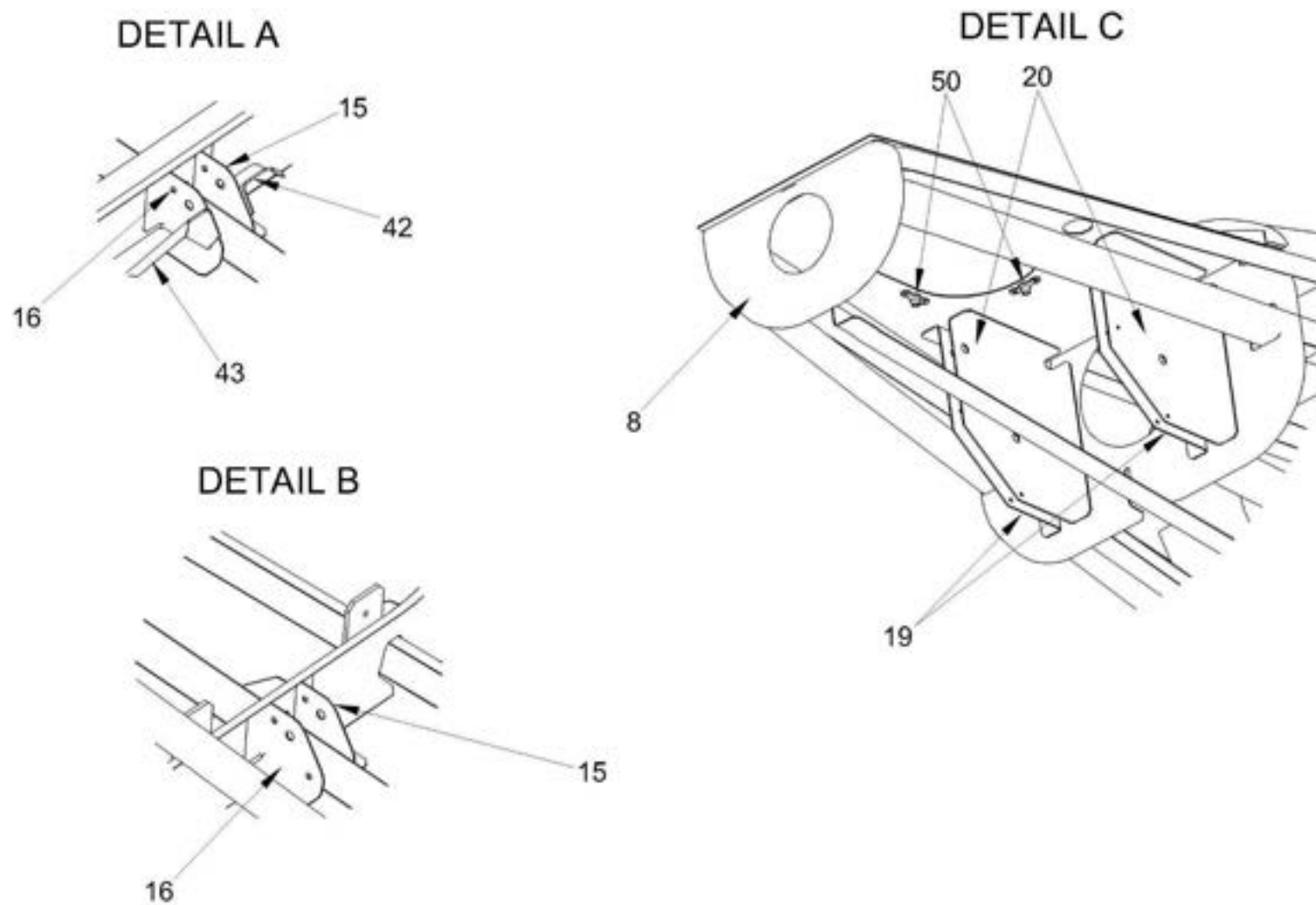


Fig. 53.10-6: Rear fuselage frame assy

[illegible]



53.10.5 Central Console

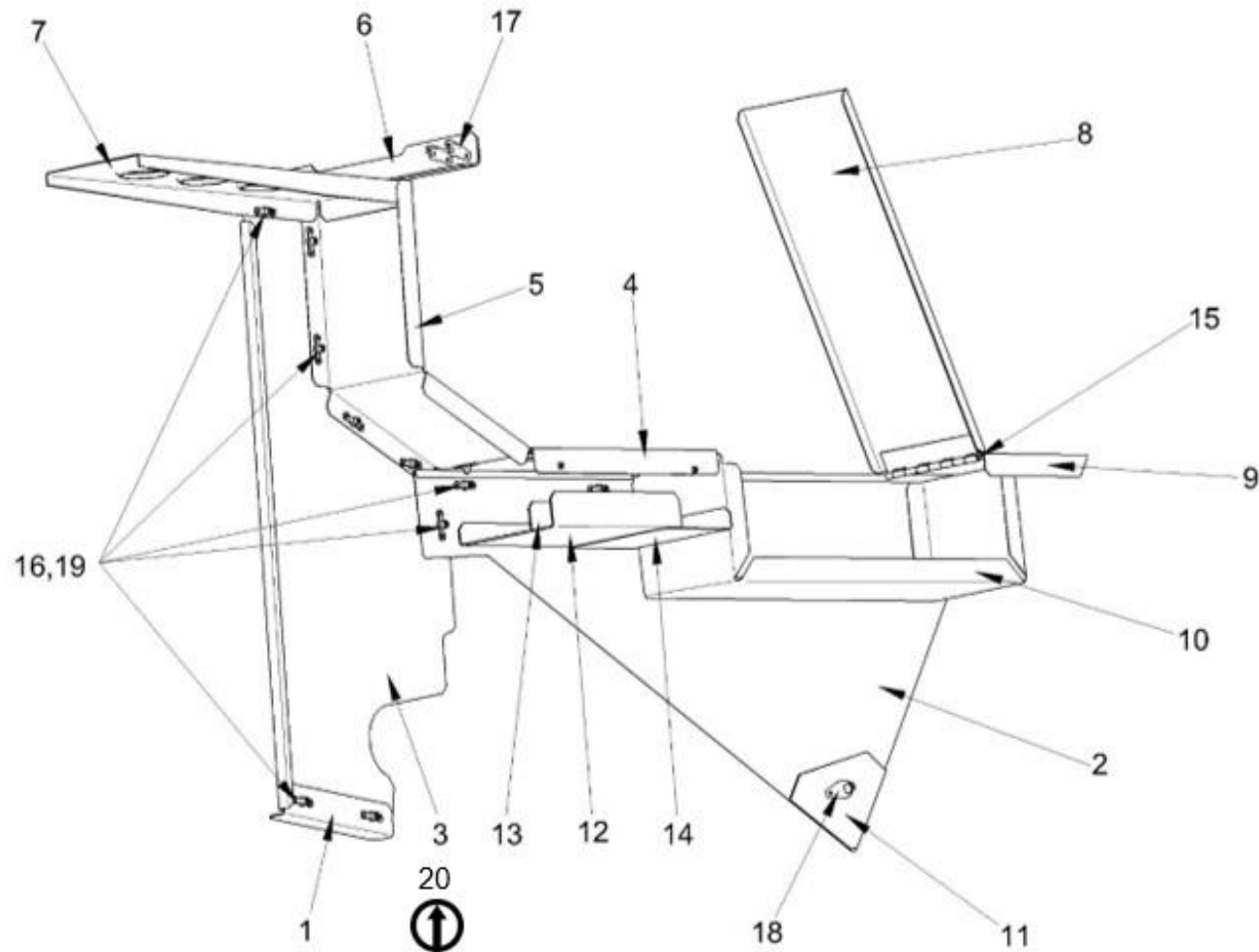


Fig. 53.10-7: Central console



SECTION - 53.10

FUSELAGE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



53.10.6 Baggage Area

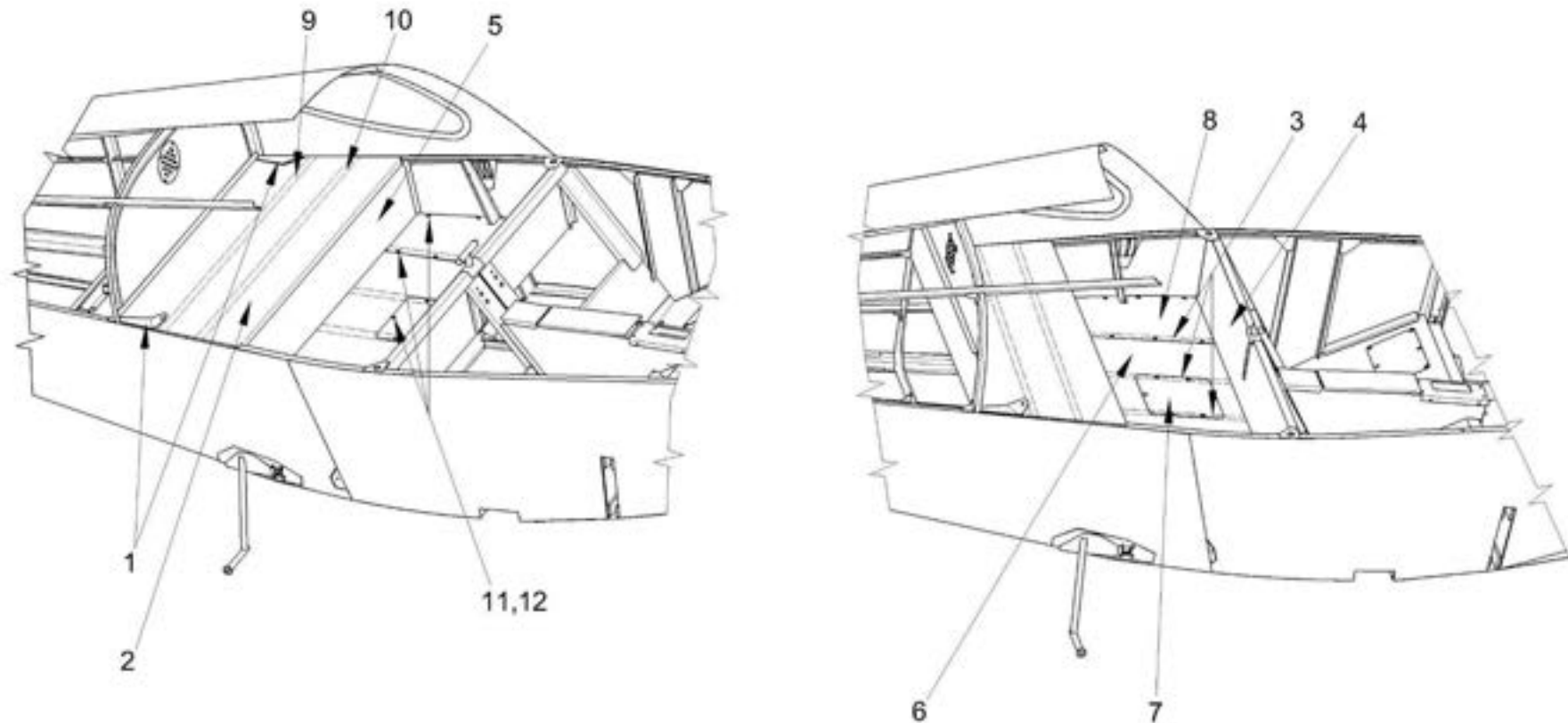


Fig. 53.10-8: Baggage area

[illegible]



53.10.7 Step

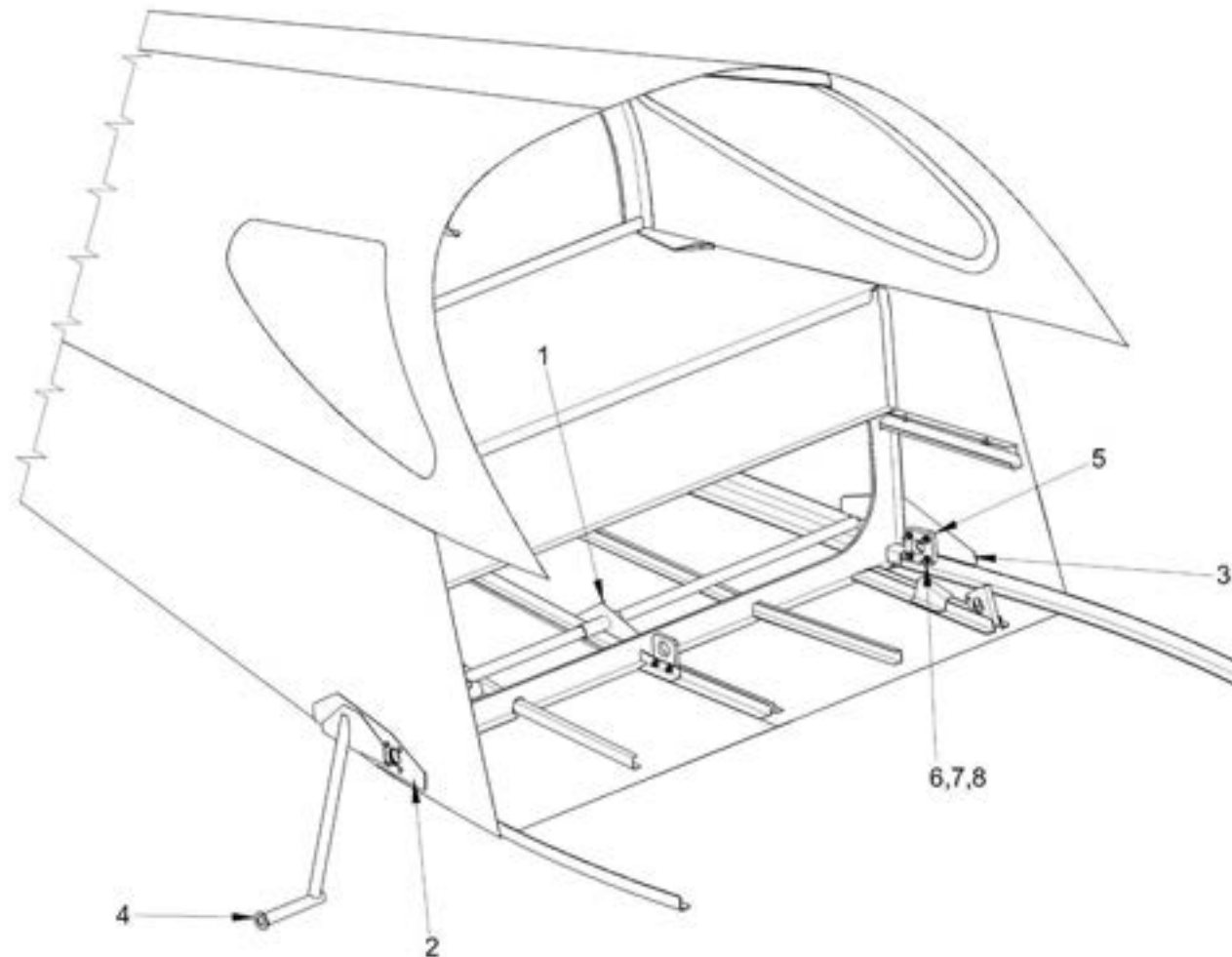


Fig. 53.10-9: Step



SECTION - 53.10

FUSELAGE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



53.10.8 Cover Installation

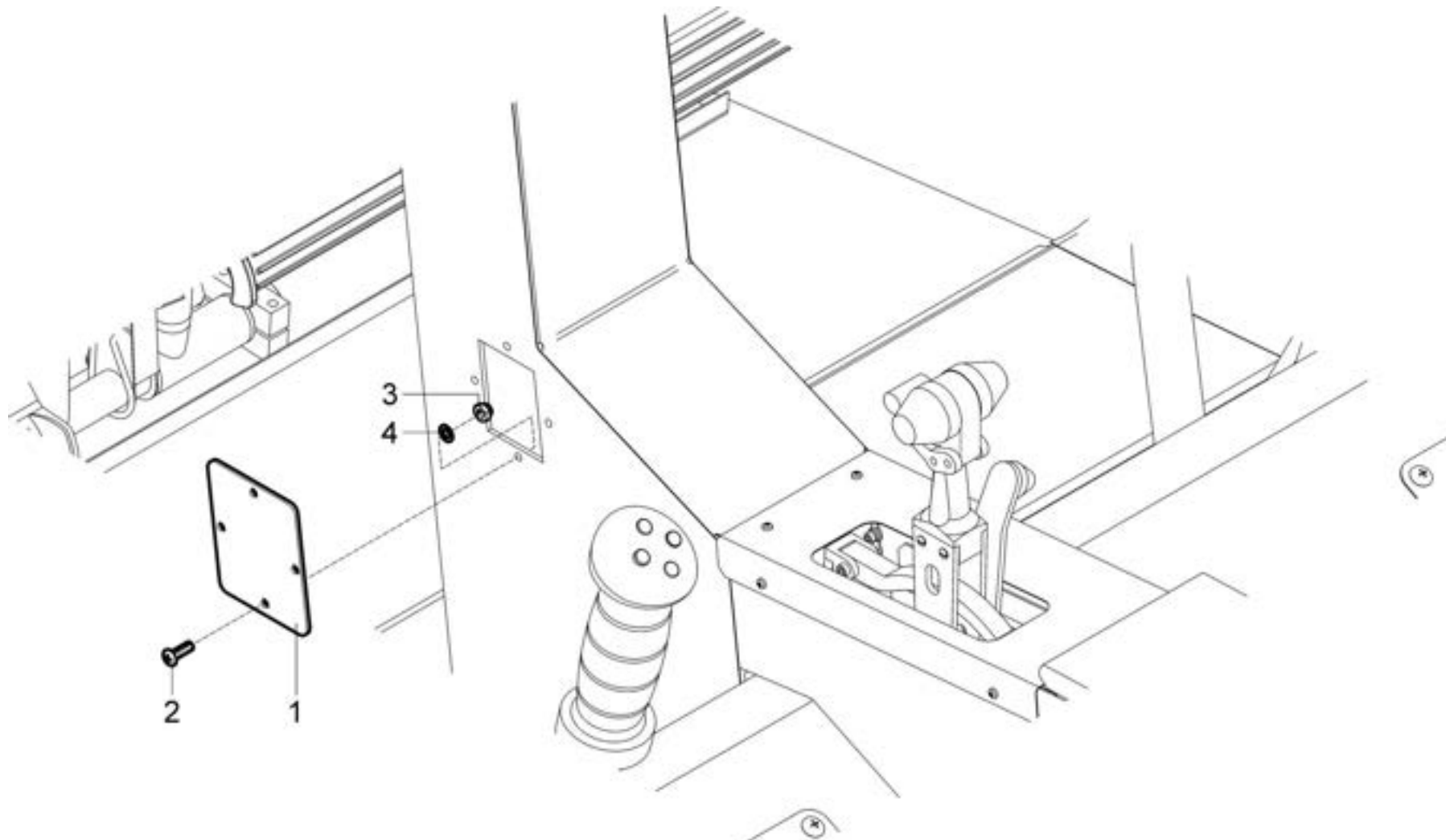


Fig. 53.10-10: Cover installation



SECTION - 53.10

FUSELAGE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



53.10.9 USB Panel Installation

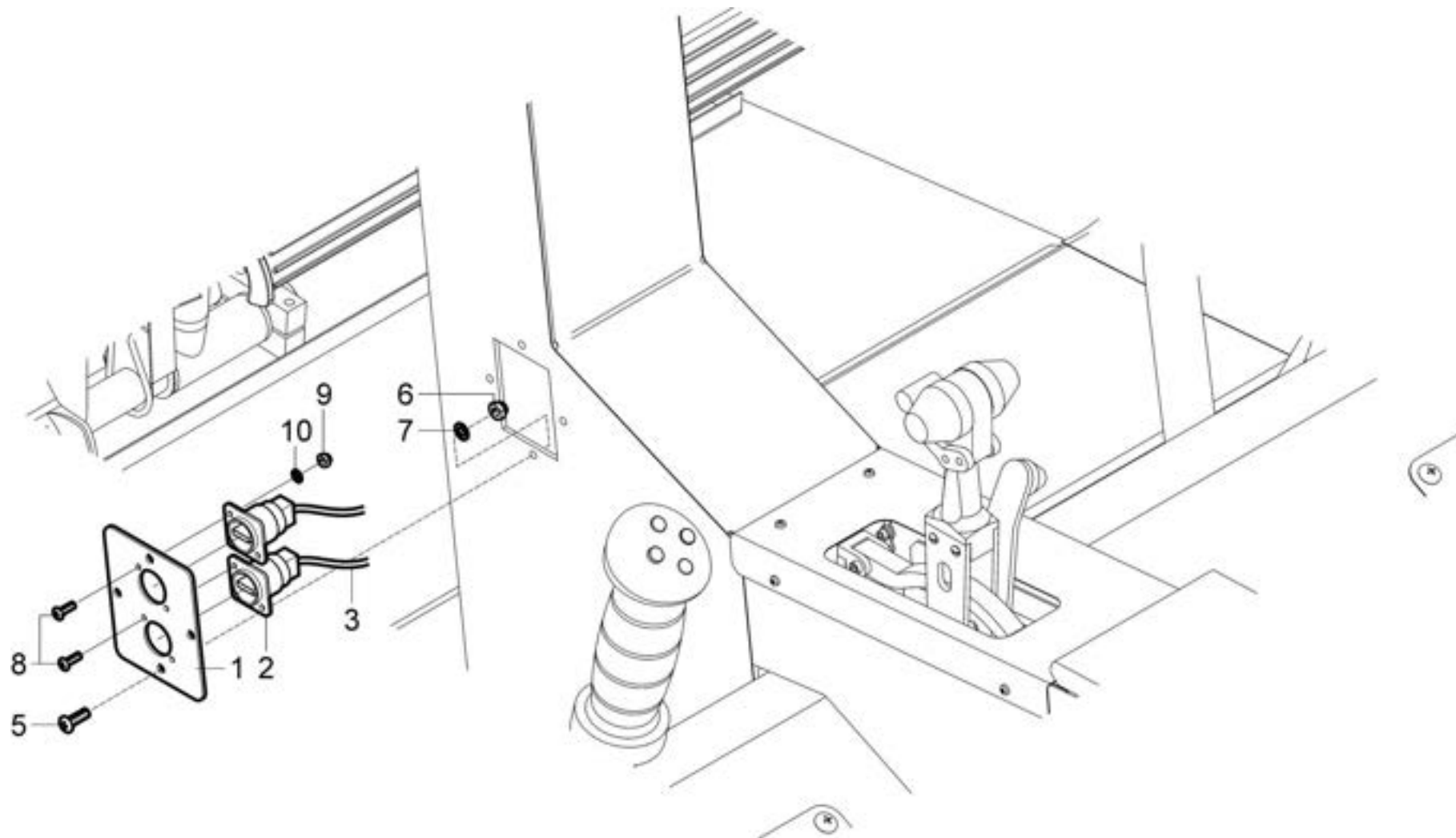


Fig. 53.10-11: USB panel installation

[illegible]



53.10.10 USB Panel Installation

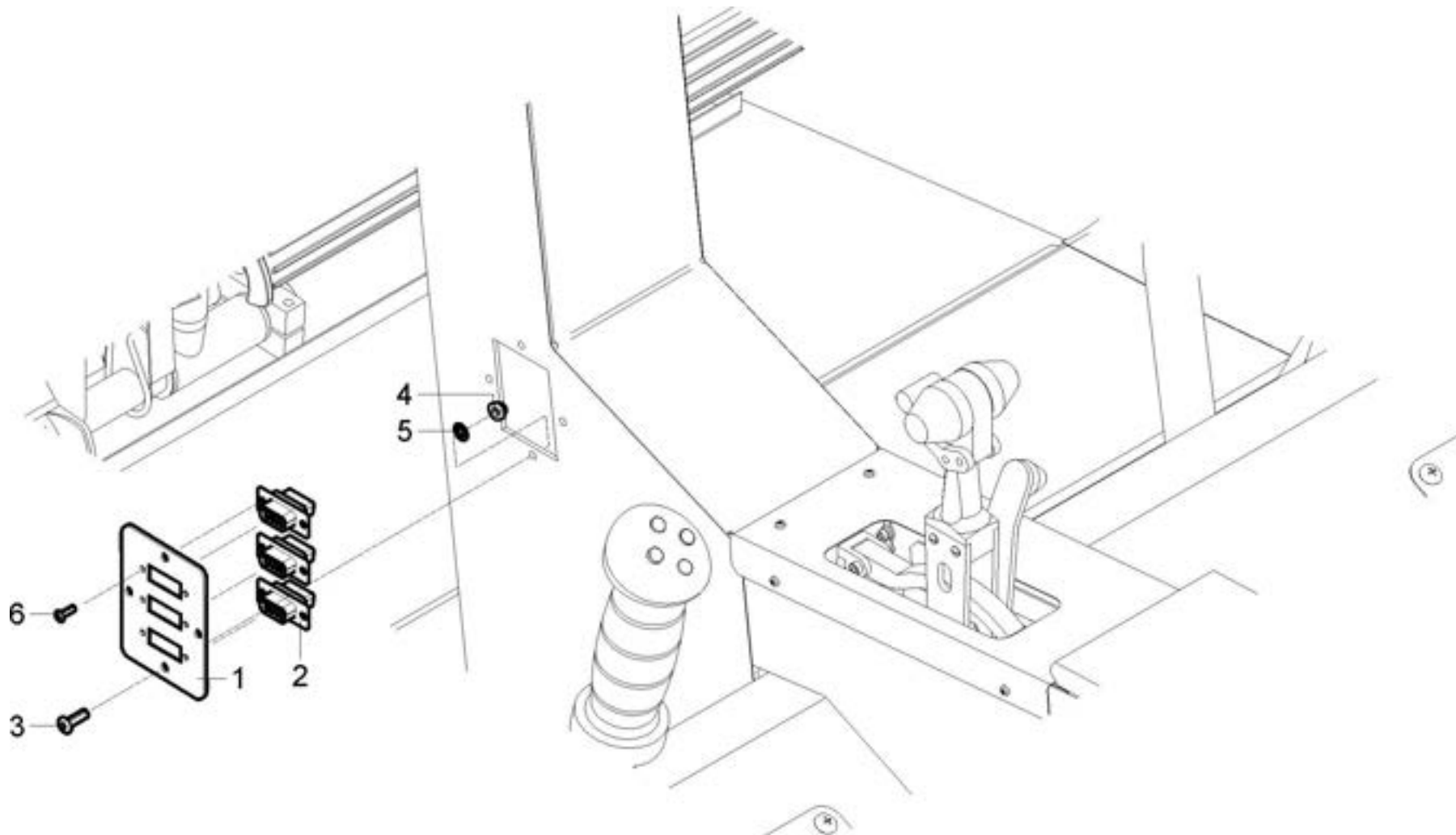


Fig. 53.10-12: USB panel installation



SECTION - 53.10

FUSELAGE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



53.10.11 Towing Gear Installation-valid since P1102001

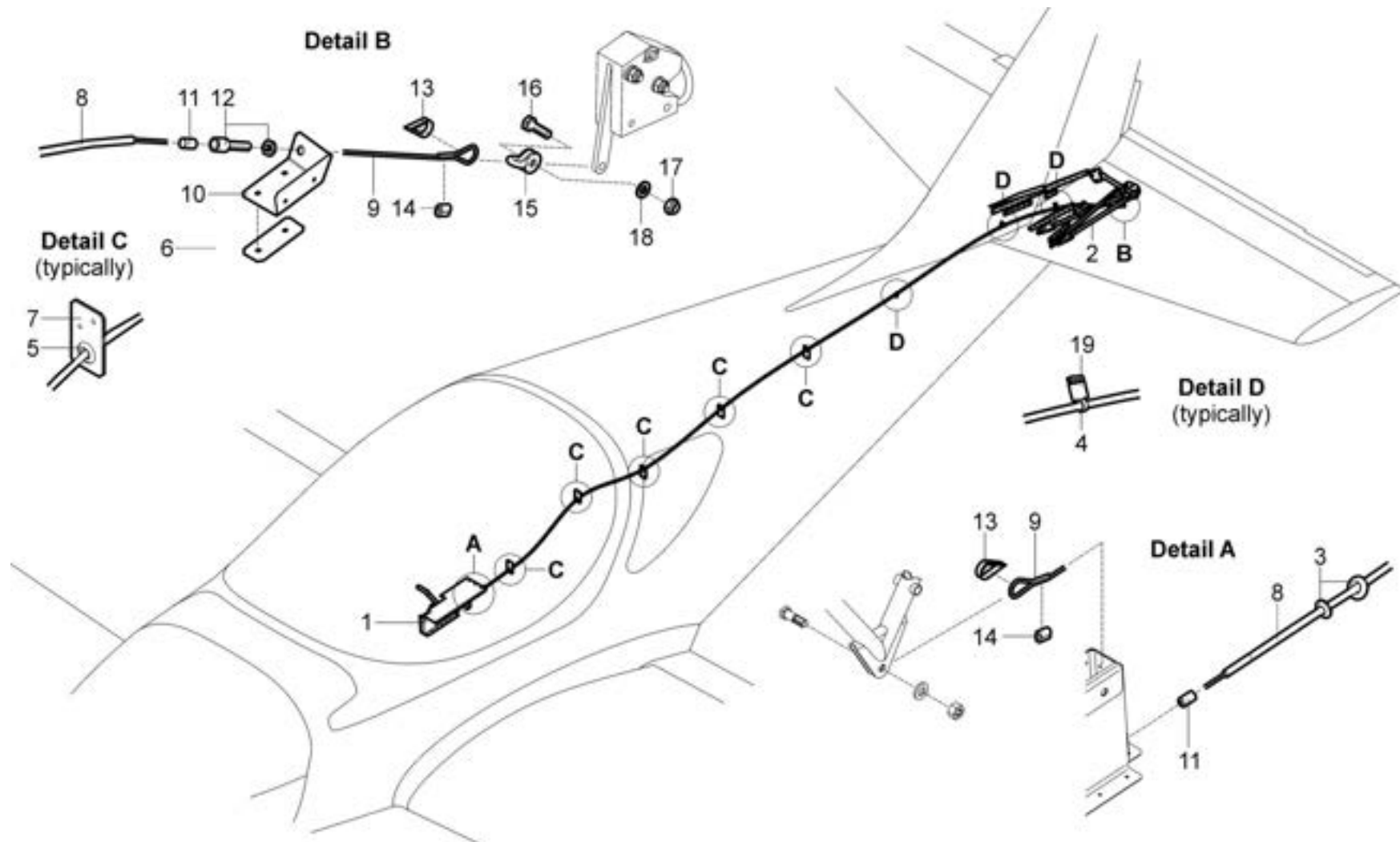


Fig. 53.10-13: Towing gear installation-valid since P1102001

[illegible]



53.10.12 Control Lever Installation-valid since P1102001

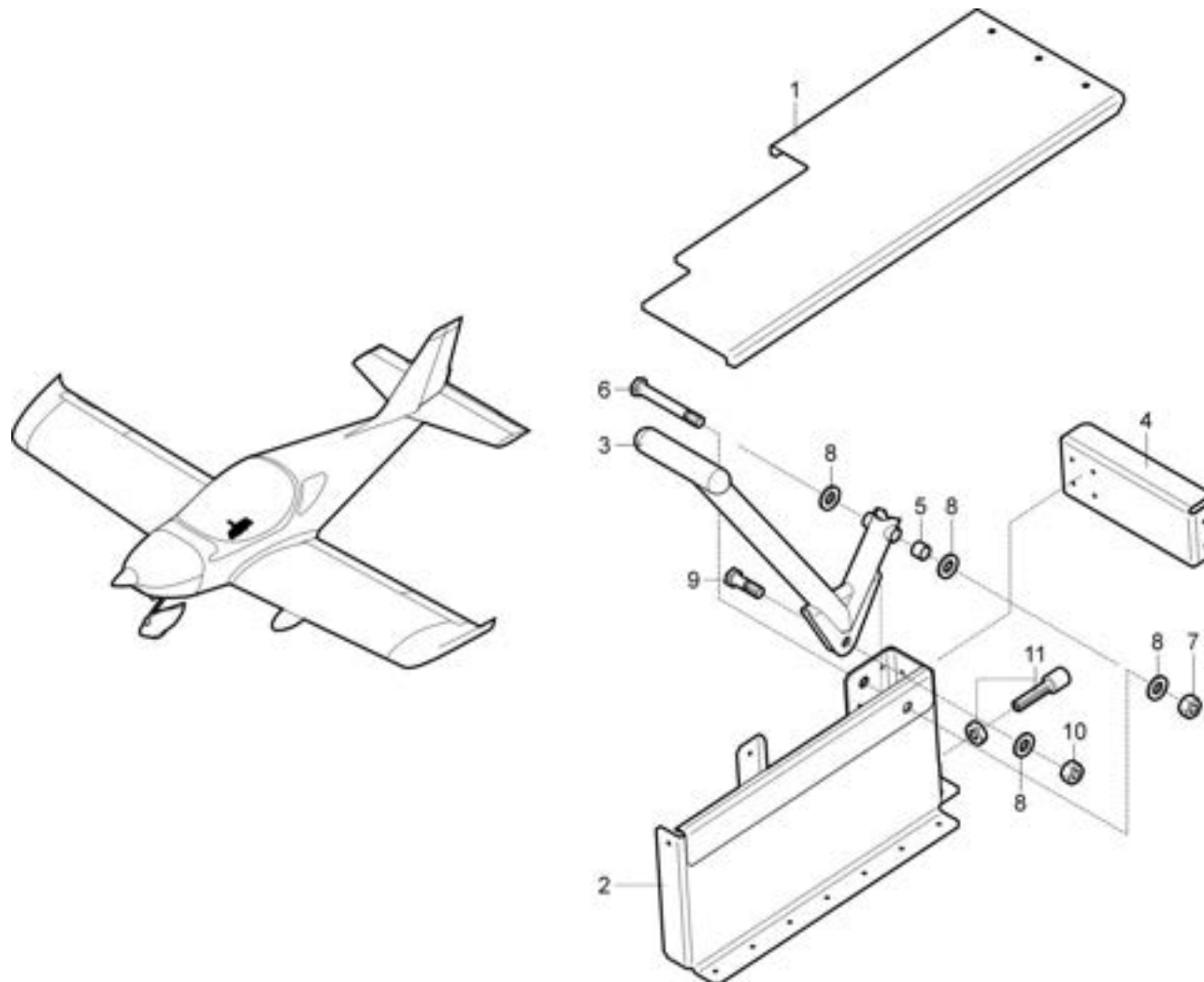


Fig. 53.10-14: Control lever installation-valid since P1102001



SECTION - 53.10

FUSELAGE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



53.10.13 Tow Hook Installation-valid since P1102001

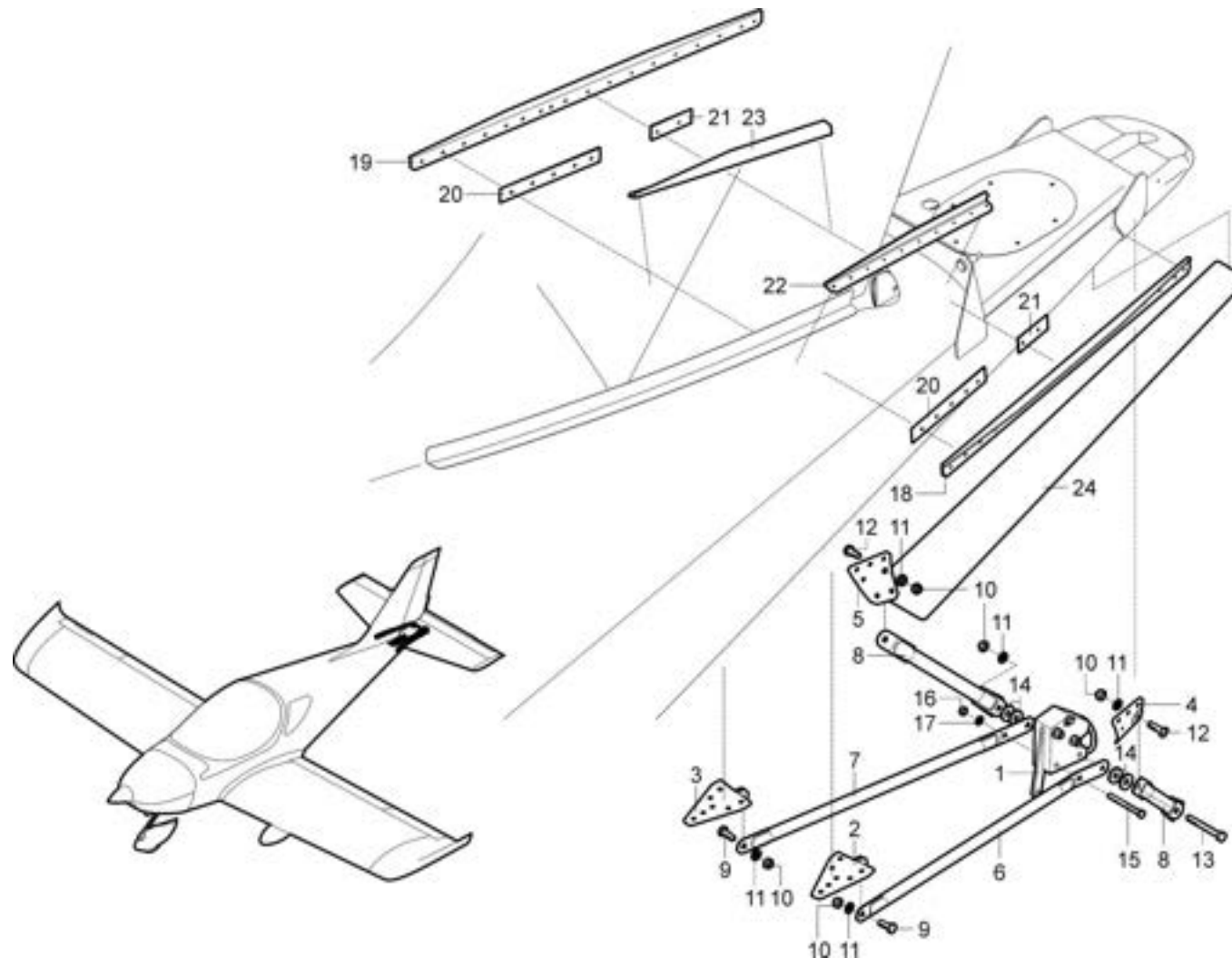


Fig. 53.10-15: Tow hook installation-valid since P1102001

[illegible]



53 FUSELAGE

53.50 AERODYNAMIC FAIRINGS

53.50	Aerodynamic Fairings	53-33
53.50.1	Aerodynamic Fairings	53-35



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53.50.1 Aerodynamic Fairings

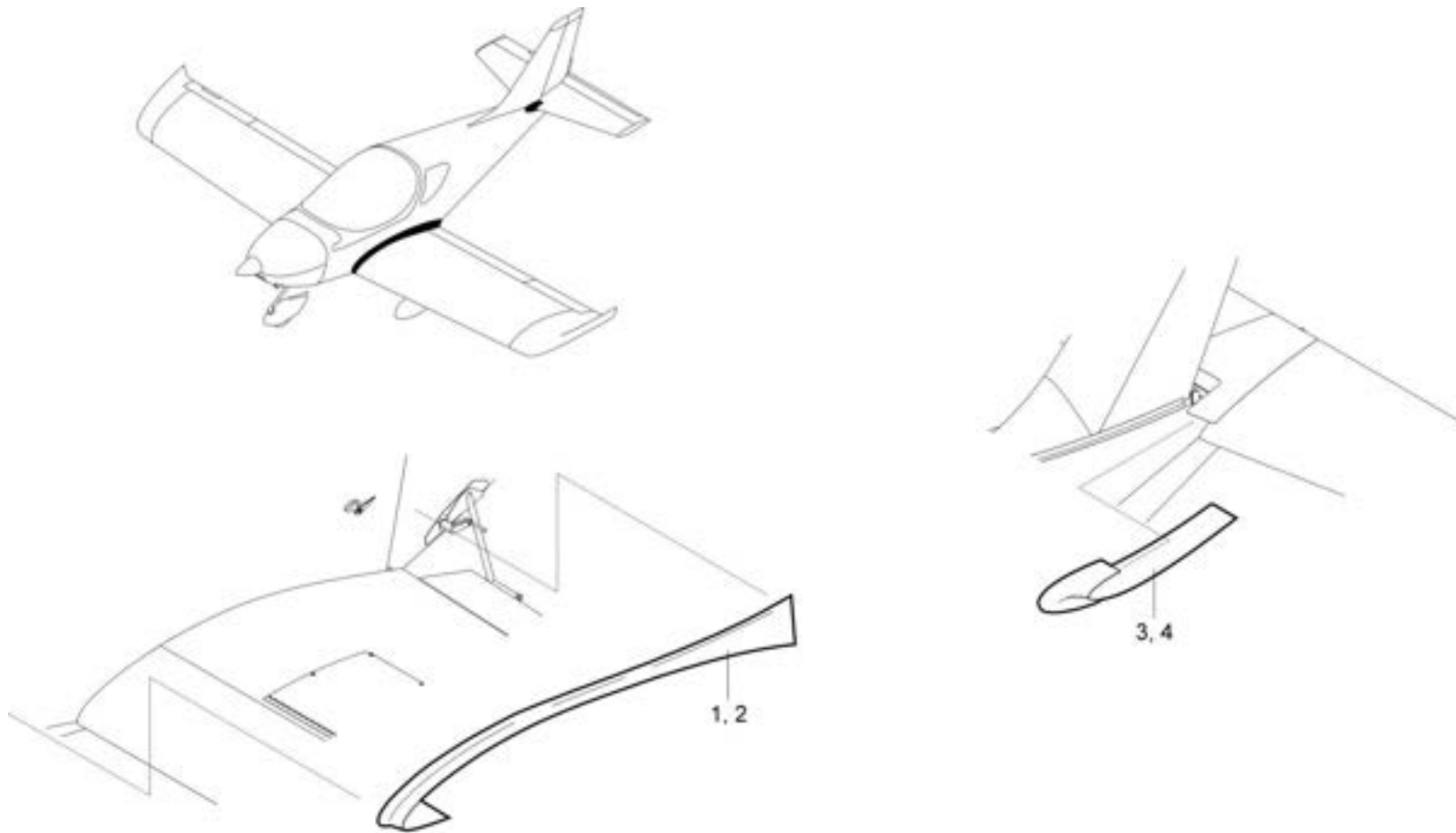


Fig. 53.50-1: Aerodynamic fairings



SECTION - 53.50

AERODYNAMIC FAIRINGS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



55 STABILIZERS

55.10 HORIZONTAL STABILIZER

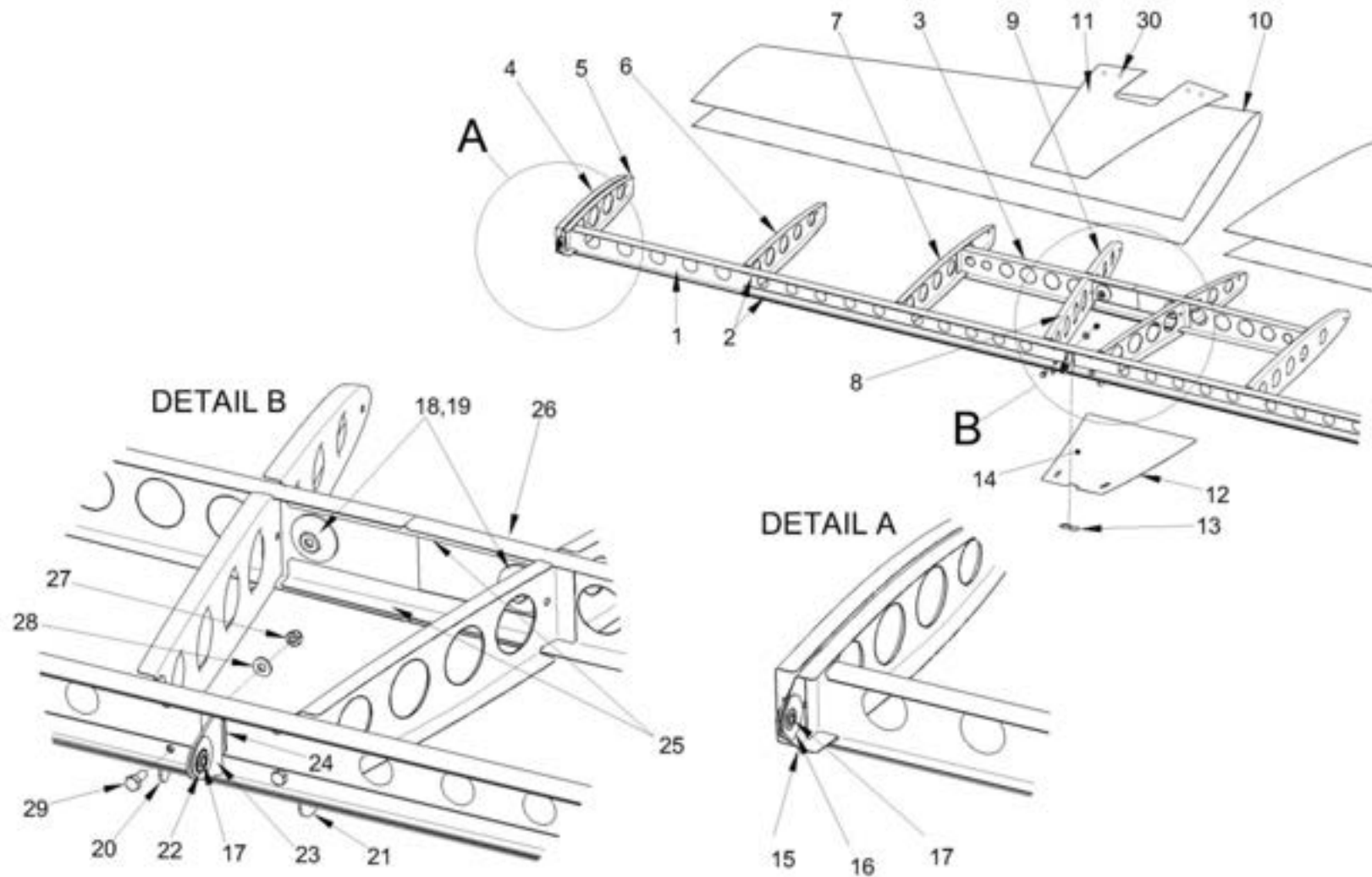
55.10	Horizontal Stabilizer	55-1
55.10.1	Horizontal Stabilizer Assy	55-3
55.10.2	Horizontal Stabilizer Assy-valid since P1102001	55-5



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55.10.1 Horizontal Stabilizer Assy



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55.10.2 Horizontal Stabilizer Assy-valid since P1102001

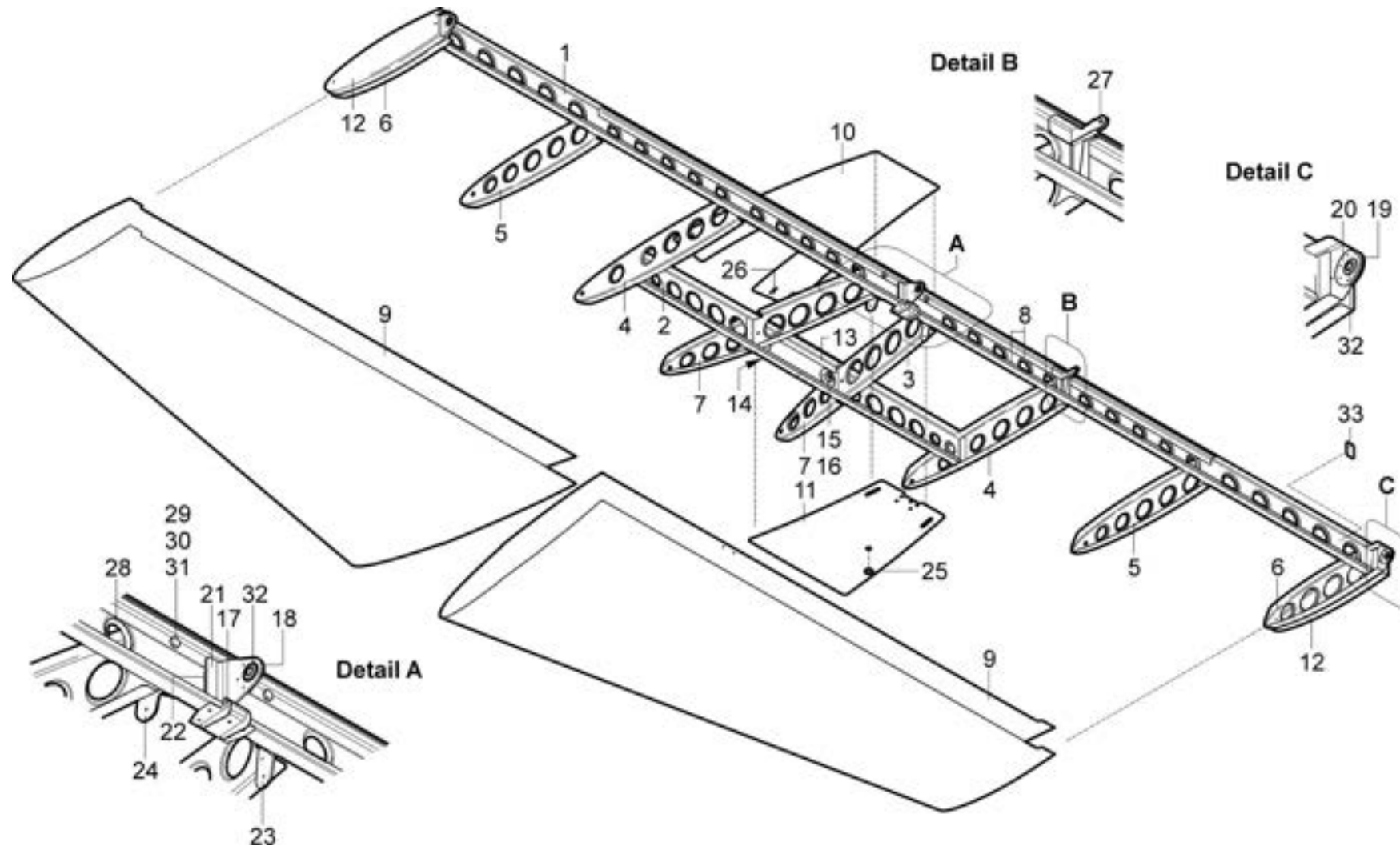
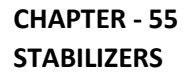


Fig. 55.10-2: Horizontal stabilizer assy-valid since P1102001

[illegible]



55 STABILIZERS

55.20 ELEVATOR

55.20 Elevator	55-7
55.20.1 Elevator Installation.....	55-9
55.20.2 Elevator Assy	55-11
55.20.3 Elevator Assy	55-13
55.20.1 Elevator Installation-valid since P1102001	55-15
55.20.2 Elevator Installation-valid since P1102052	55-17
55.20.3 Elevator Assy-valid since P1102001	55-19
55.20.4 Balance Tab Assy-valid since P1102001	55-21
55.20.5 Trim Tab Assy-valid since P1102001	55-23
55.20.6 Trim Tab Assy-valid since P1102013	55-25



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55.20.1 Elevator Installation

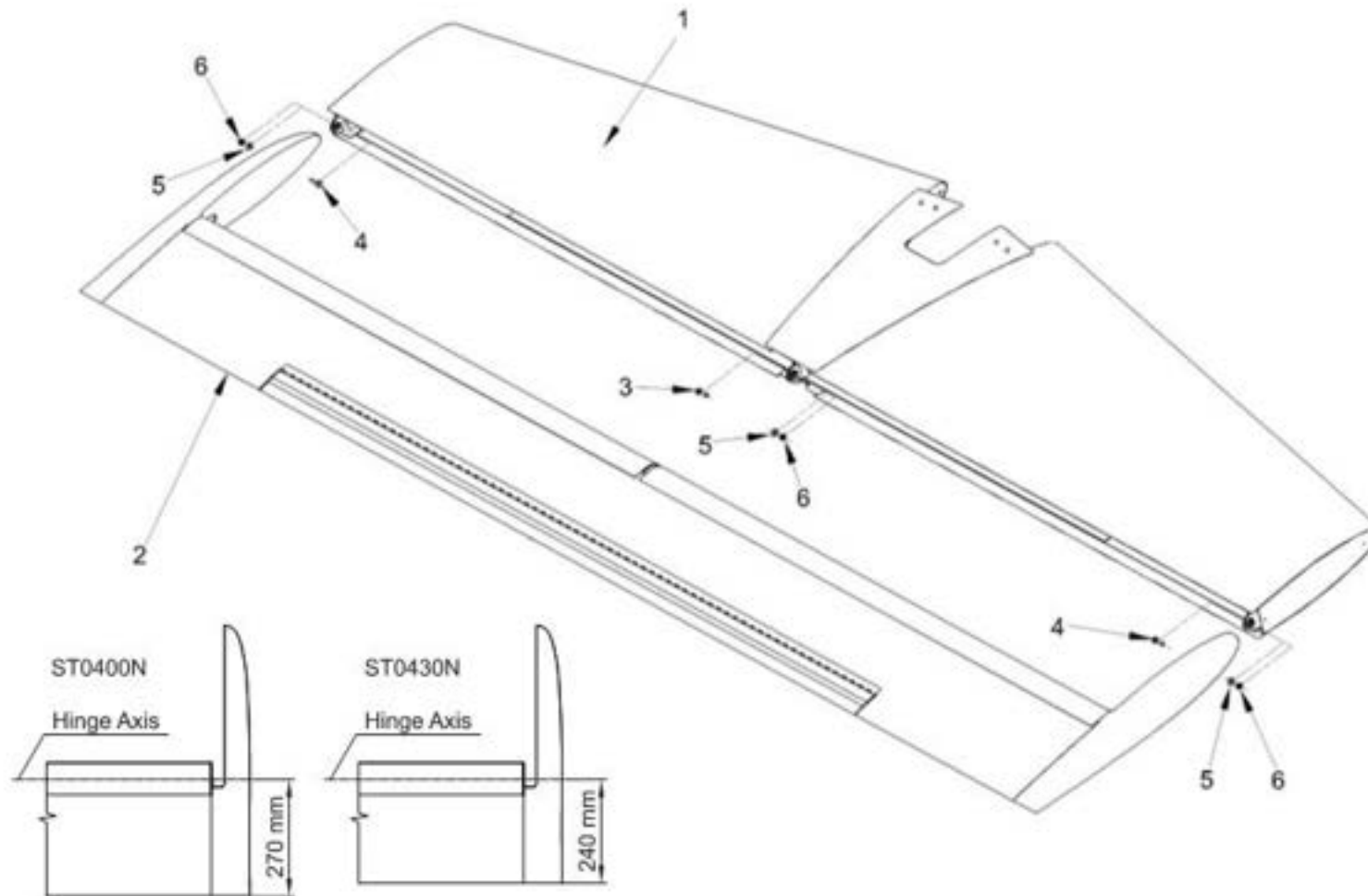


Fig. 55.20-1: Elevator installation



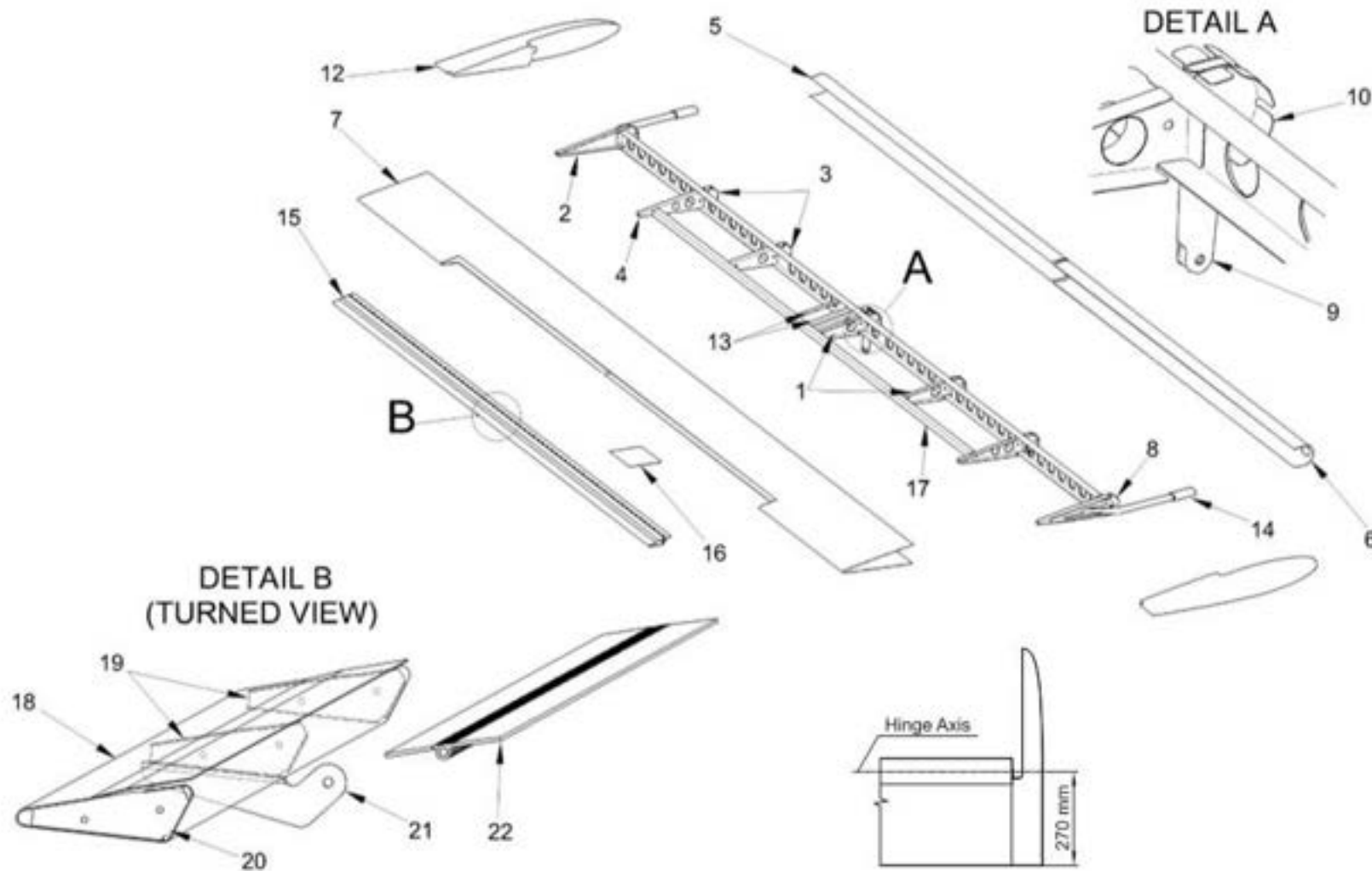
SECTION - 55.20
ELEVATOR

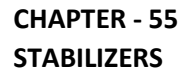
PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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55.20.2 Elevator Assy



[illegible]



55.20.3 Elevator Assy

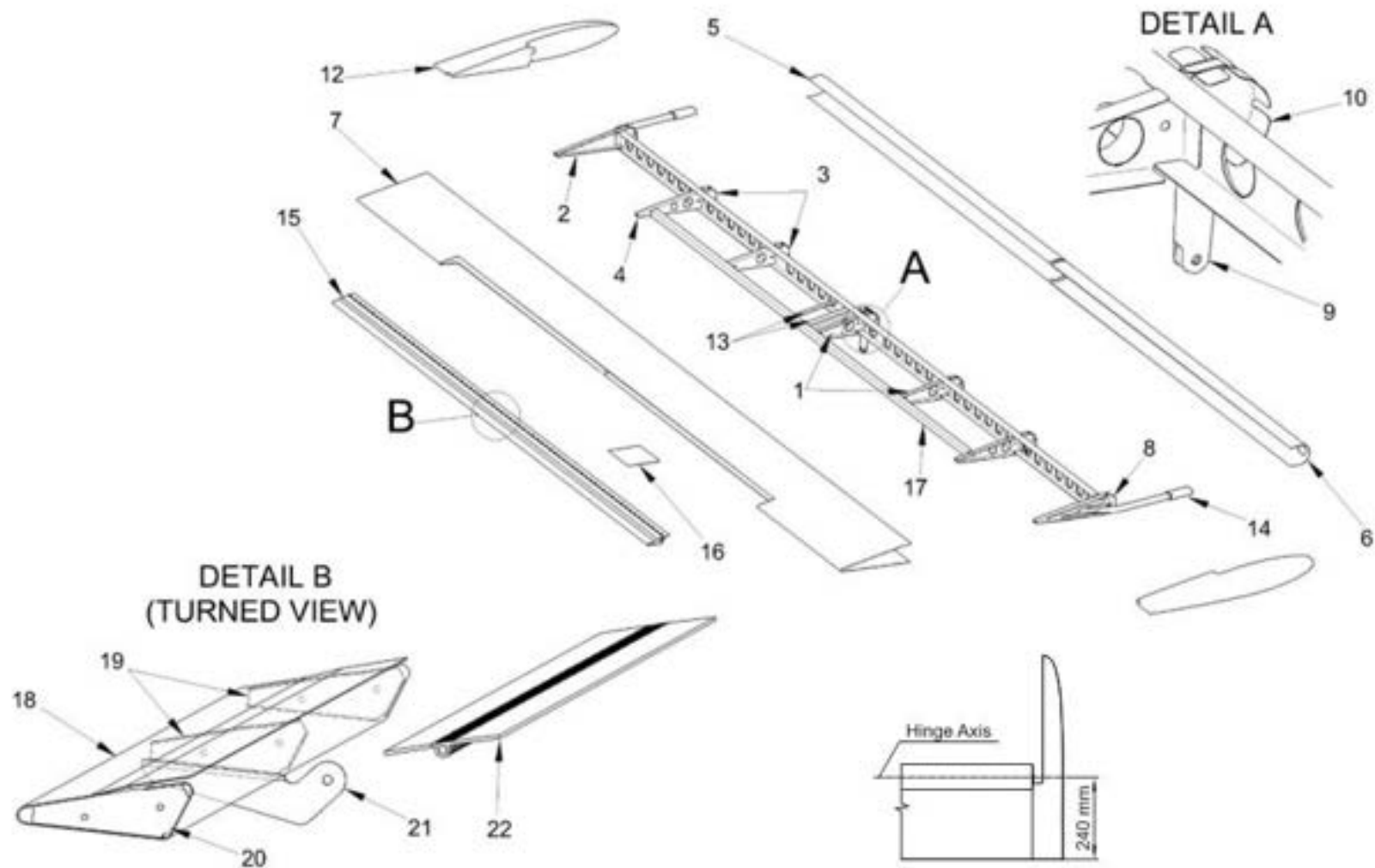
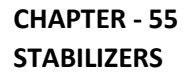


Fig. 55.20-3: Elevator assy

[illegible]



55.20.4 Elevator Installation-valid since P1102001

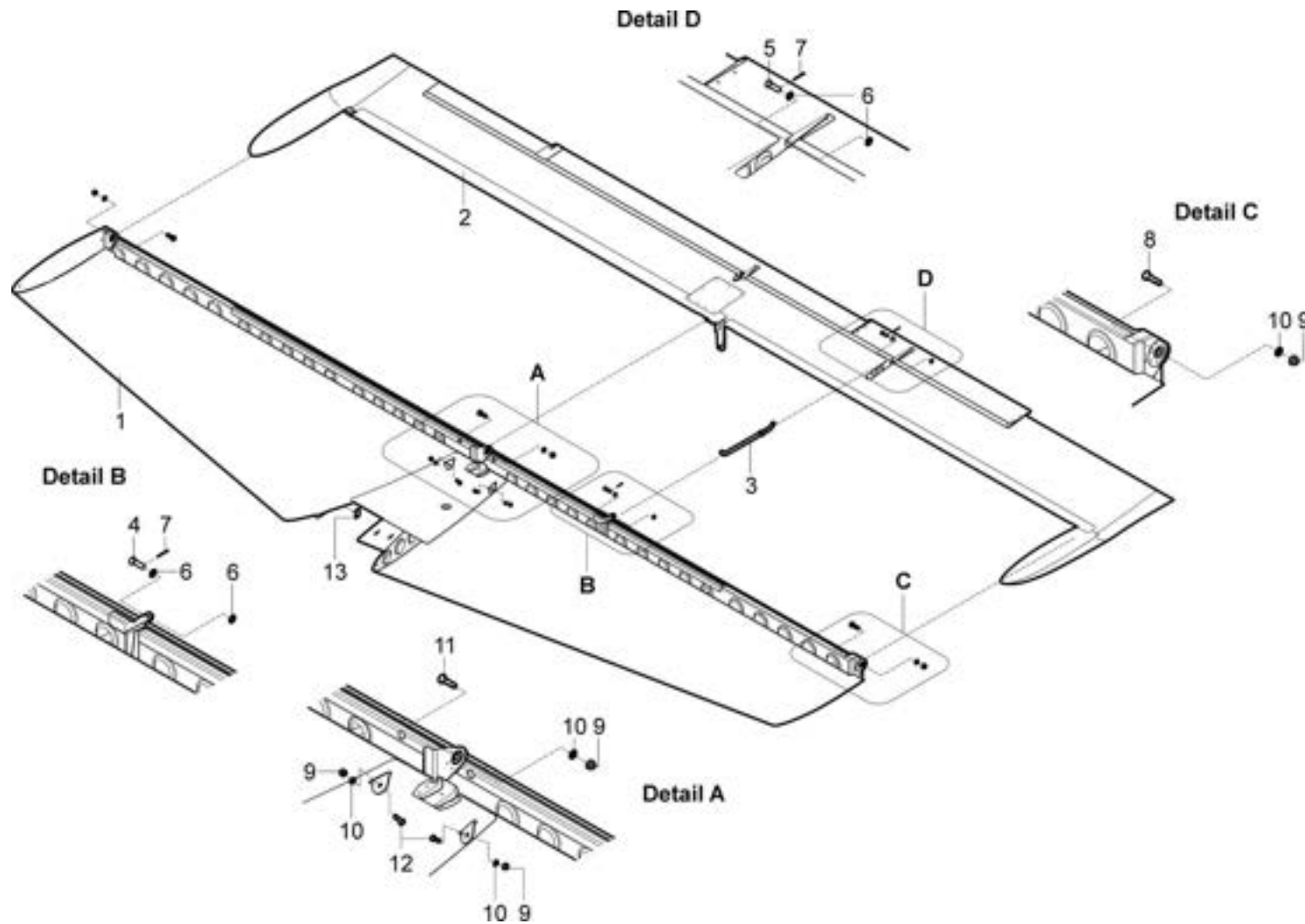


Fig. 55.20-4: Elevator installation-valid since P1102001

[illegible]



55.20.5 Elevator Installation-valid since P1102052

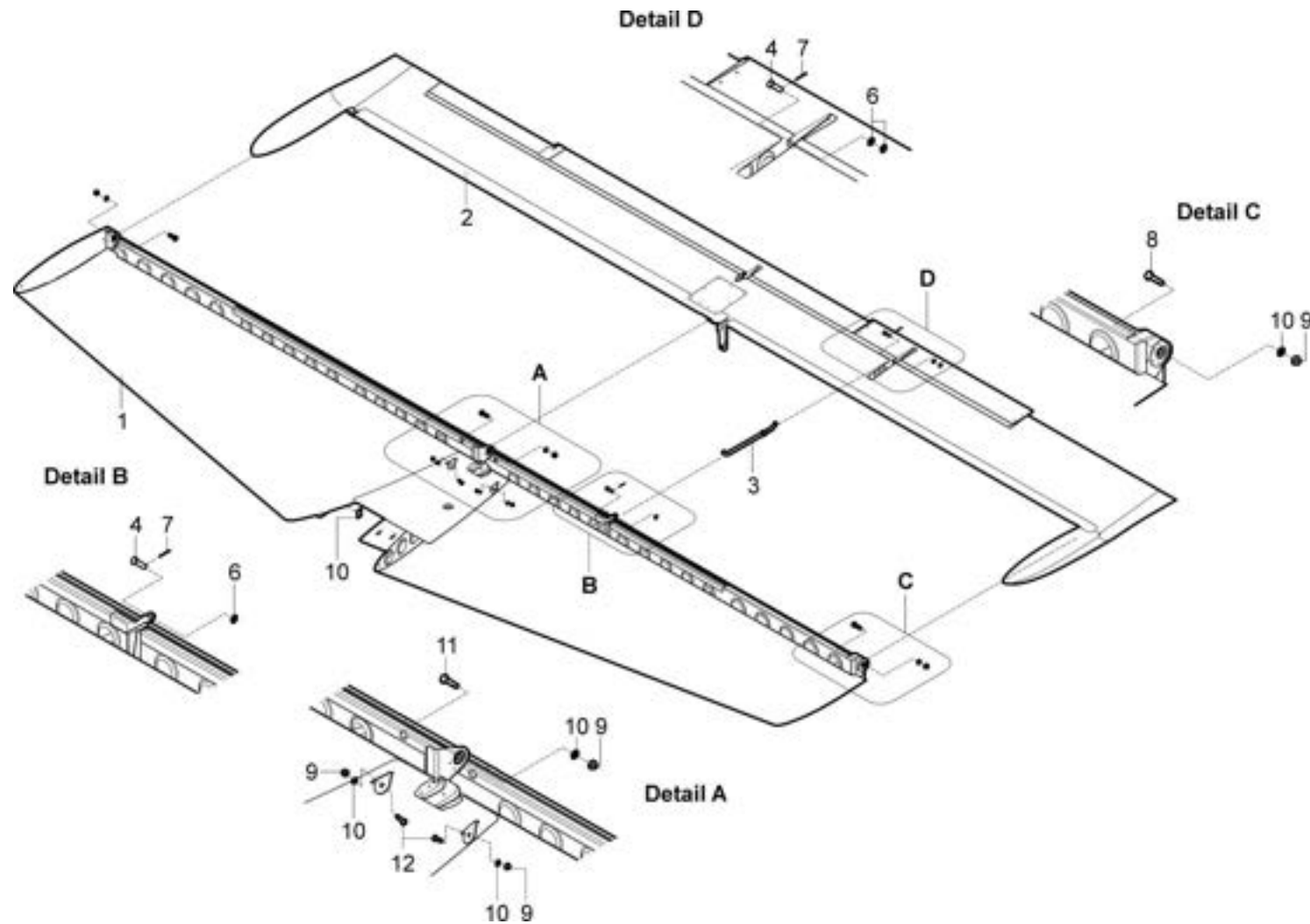


Fig. 55.20-5: Elevator installation-valid since P1102052

[illegible]

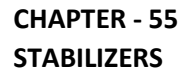


This technical drawing is an exploded view of a mechanical assembly, likely a conveyor system component. The main assembly consists of a central shaft (1) with multiple rollers (2) mounted on it. The shaft is supported by a frame (15) and a base (16). Various components are numbered, including: 1 (shaft), 2 (rollers), 3 (bracket), 4 (clip), 5 (cover), 6 (nut), 7 (bracket), 8 (bracket), 9 (bracket), 10 (bracket), 11 (clip), 12 (clip), 13 (clip), 14 (clip), 15 (frame), 16 (base), 17 (cover), 18 (bracket), 19 (cover), 20 (bracket), 21 (bracket), 22 (cover), 23 (cover), 24 (bracket), 25 (bracket), 26 (bracket), 27 (bracket), 28 (bracket), 29 (bracket).

Two detailed insets are provided:

- Detail A:** Shows a close-up of the roller assembly (2) and its mounting bracket (3) on the shaft (1).
- Detail B:** Shows a close-up of the roller assembly (2) and its mounting bracket (3) on the shaft (1).

Fig. 55.20-6: Elevator assy-valid since P1102001

[illegible]



55.20.7 Balance Tab Assy-valid since P1102001

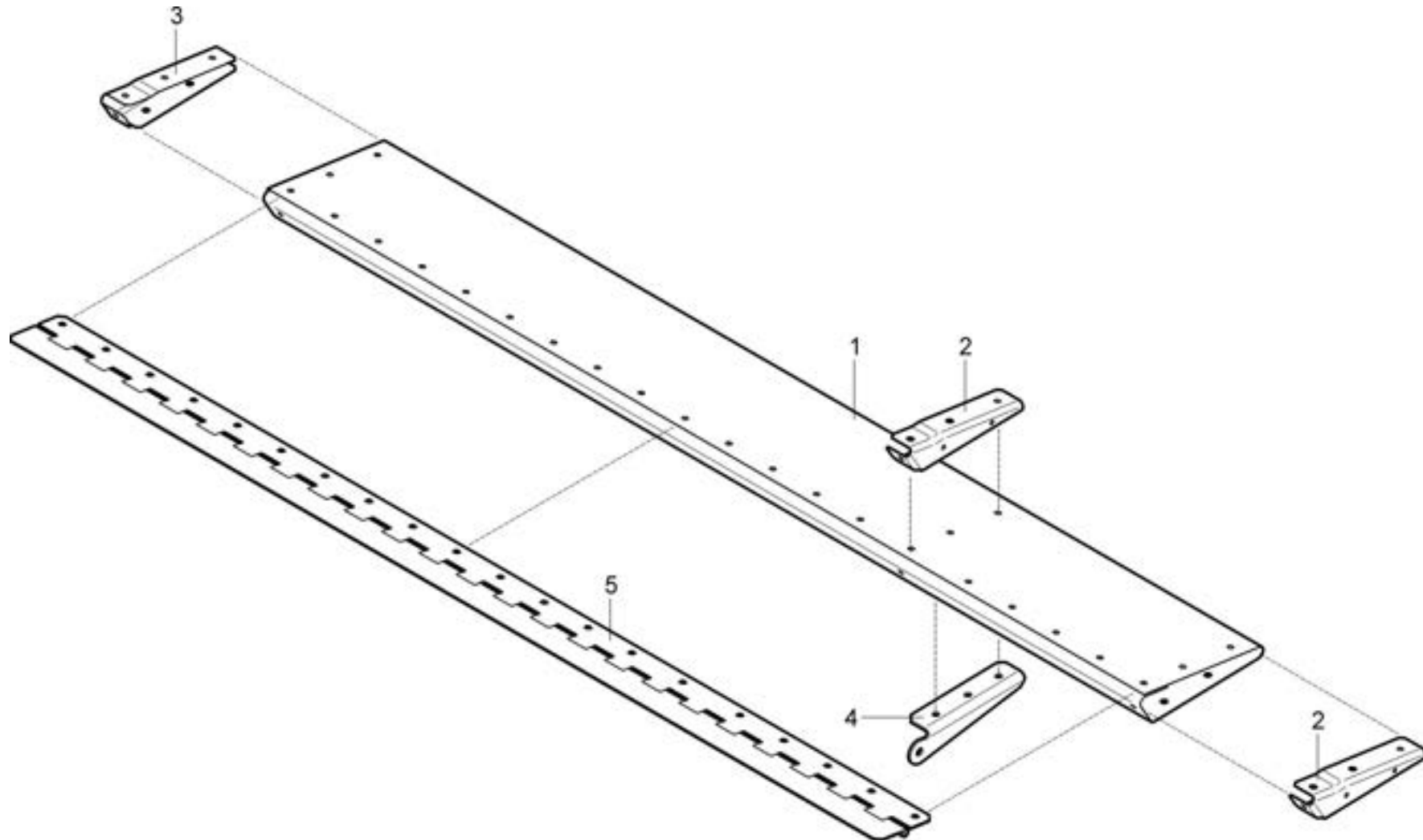


Fig. 55.20-7: Balance tab assy-valid since P1102001



SECTION - 55.20
ELEVATOR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



55.20.8 Trim Tab Assy-valid since P1102001

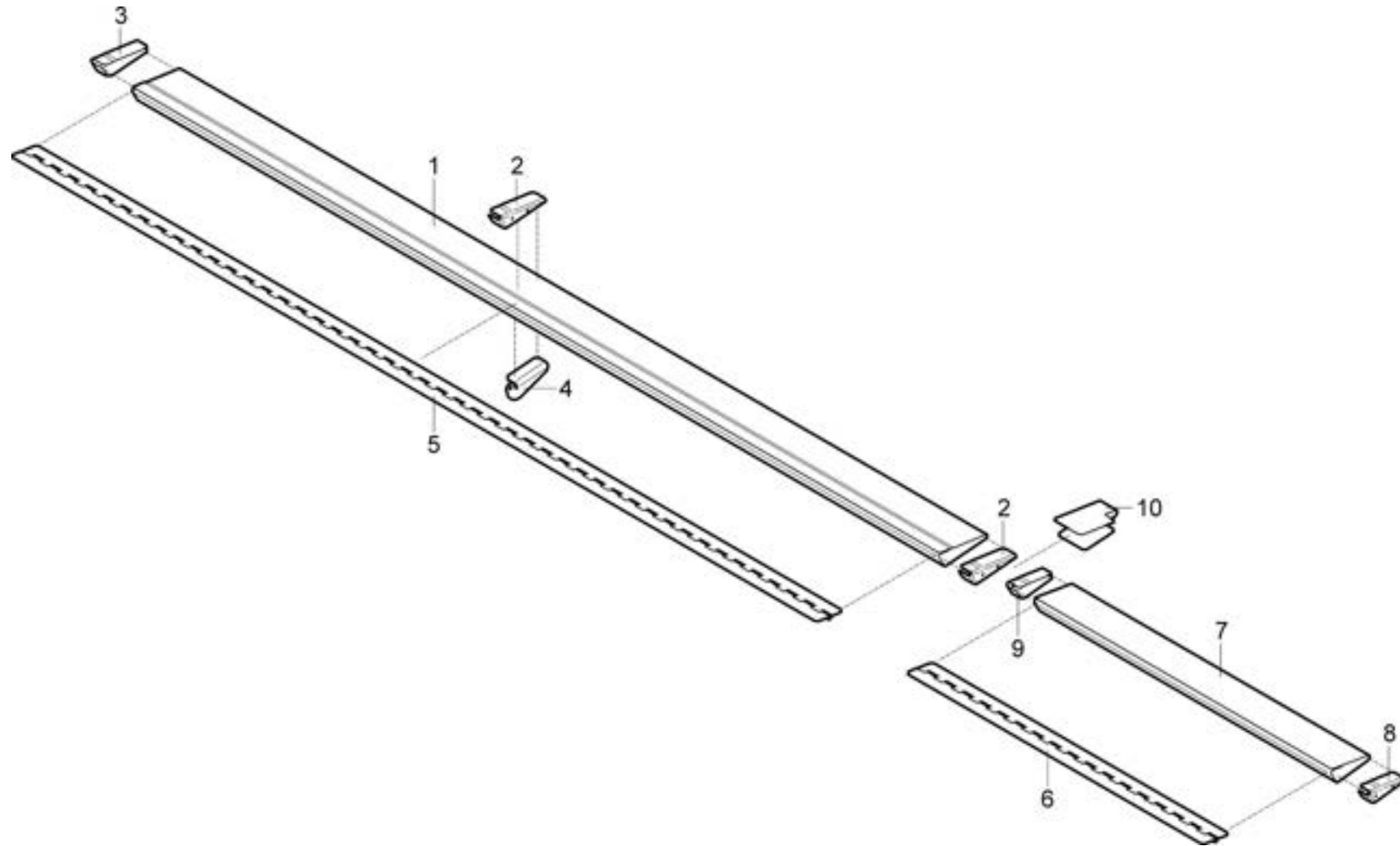


Fig. 55.20-8: Trim tab assy-valid since P1102001

[illegible]



55.20.9 Trim Tab Assy-valid since P1102013

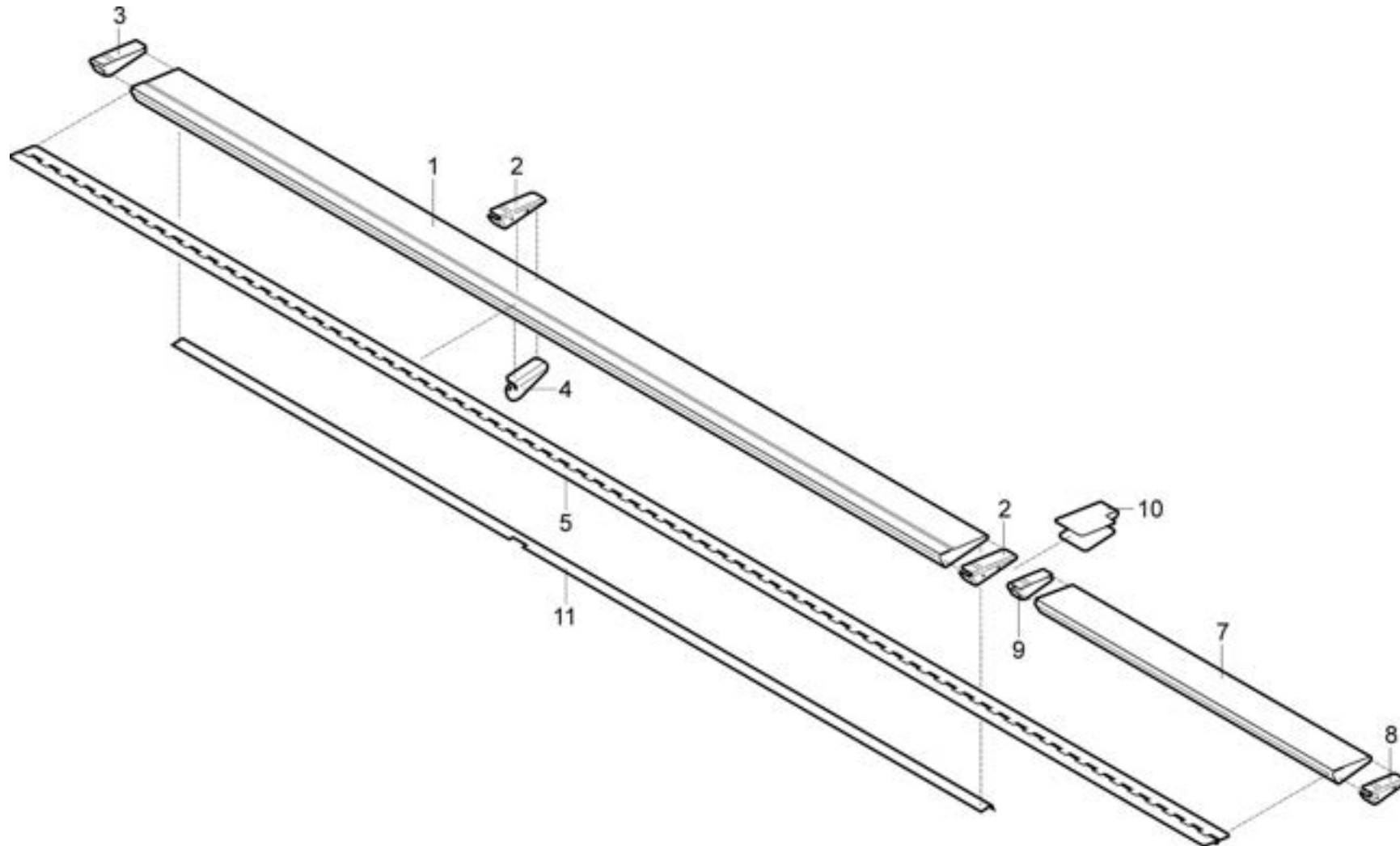


Fig. 55.20-9: Trim tab assy-valid since P1102013



SECTION - 55.20
ELEVATOR

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



55 STABILIZERS

55.30 VERTICAL STABILIZER

55.30	Vertical Stabilizer.....	55-27
55.30.1	Vertical Stabilizer Assy.....	55-29
55.30.2	Vertical Stabilizer Assy-valid since P1102001.....	55-31



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55.30.1 Vertical Stabilizer Assy

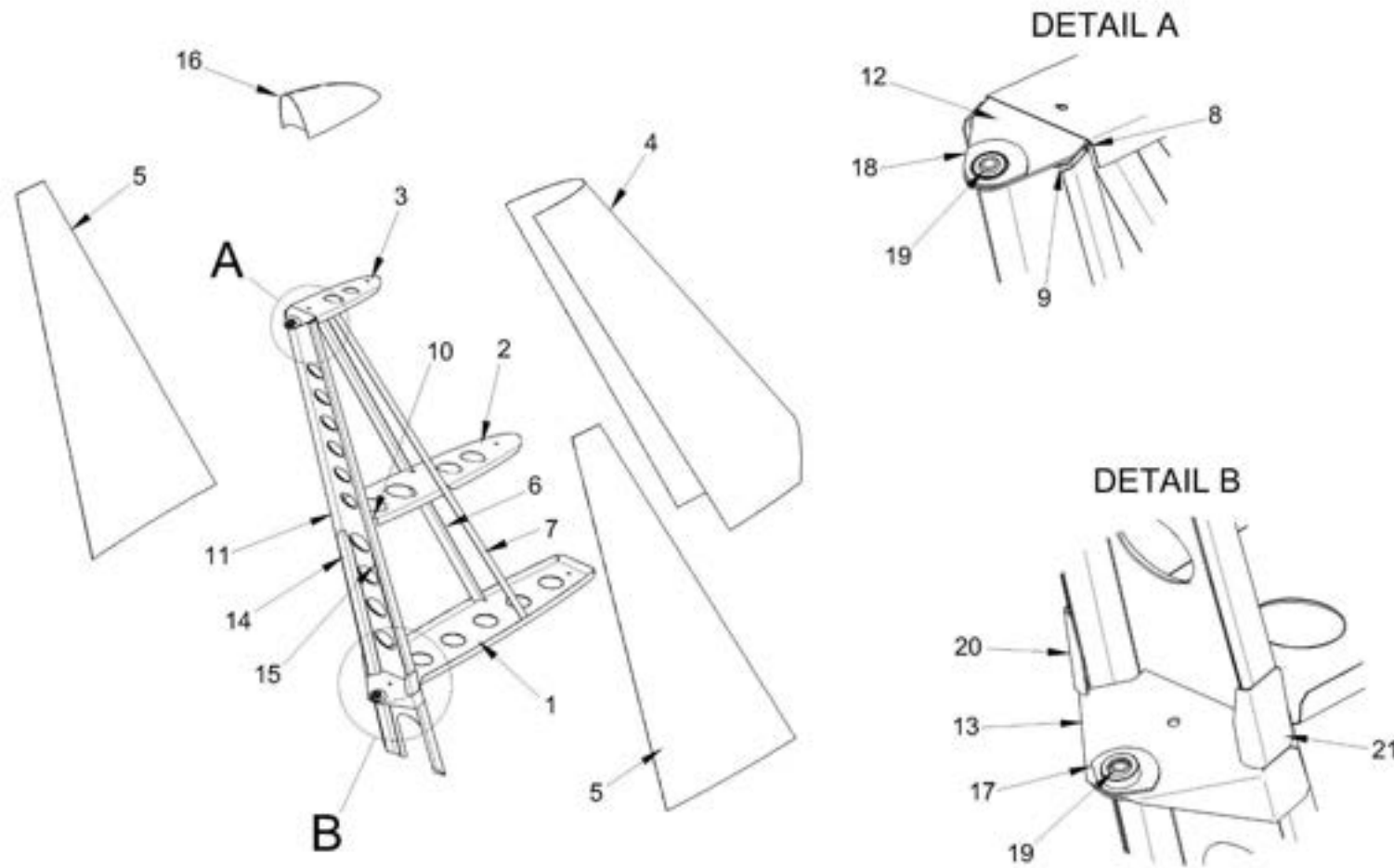


Fig. 55.30-1: Vertical stabilizer assy

[illegible]



55.30.2 Vertical Stabilizer Assy-valid since P1102001

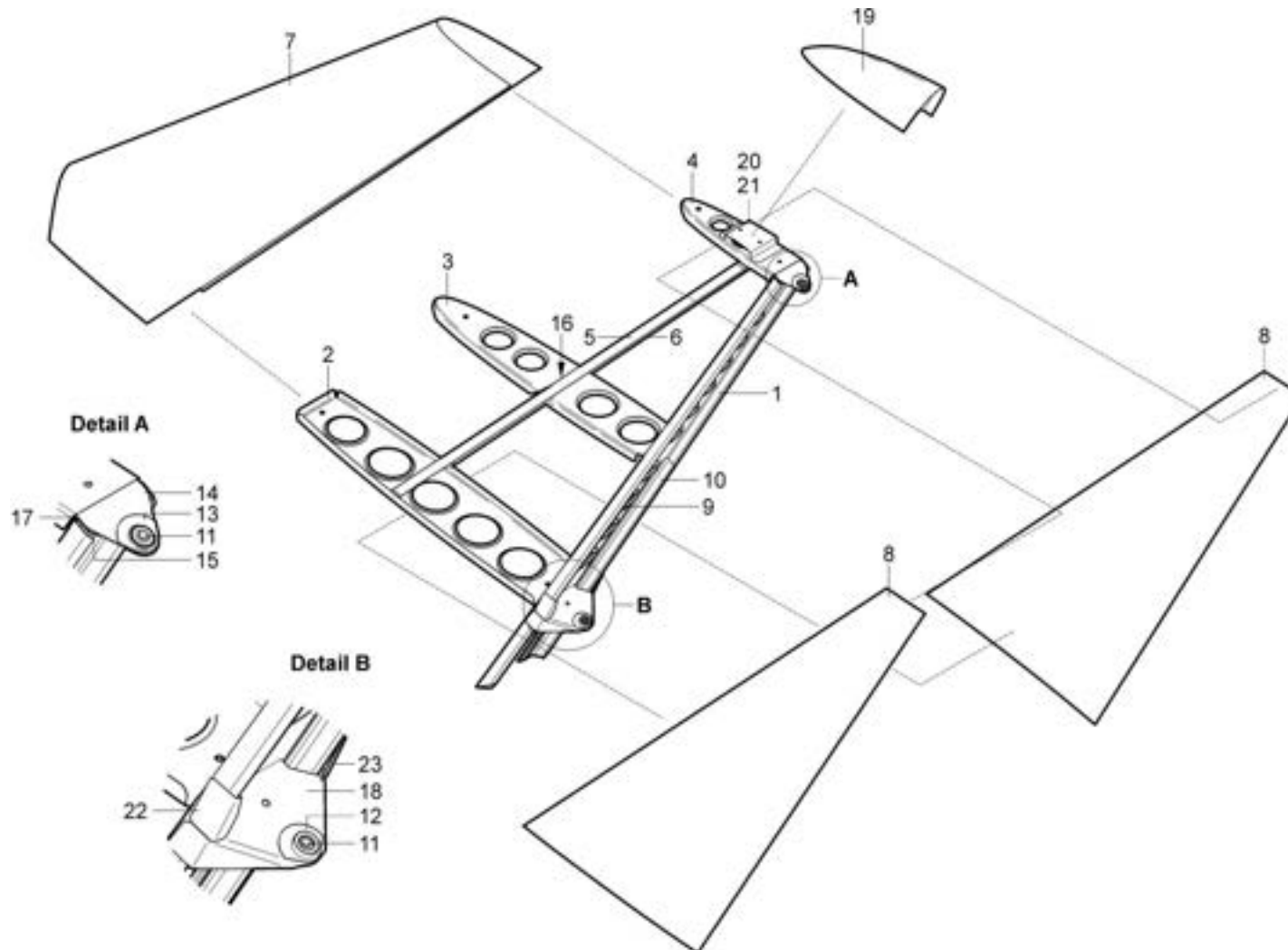


Fig. 55.30-2: Vertical stabilizer assy-valid since P1102001

[illegible]



55 STABILIZERS

55.40 RUDDER

55.40	Rudder	55-33
55.40.1	Rudder Installation	55-35
55.40.2	Rudder Assy	55-37
55.40.3	Rudder Installation-valid since P1102001	55-39
55.40.1	Rudder Assy-valid since P1102001	55-41



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55.40.1 Rudder Installation

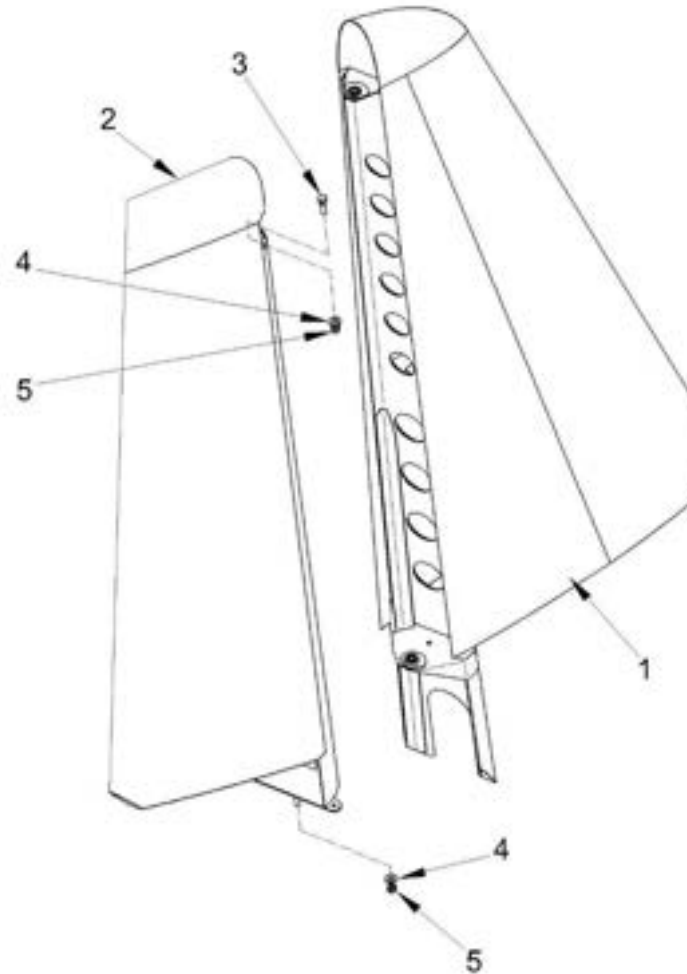


Fig. 55.40-1: Rudder installation



SECTION - 55.40

RUDDER

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



55.40.2 Rudder Assy

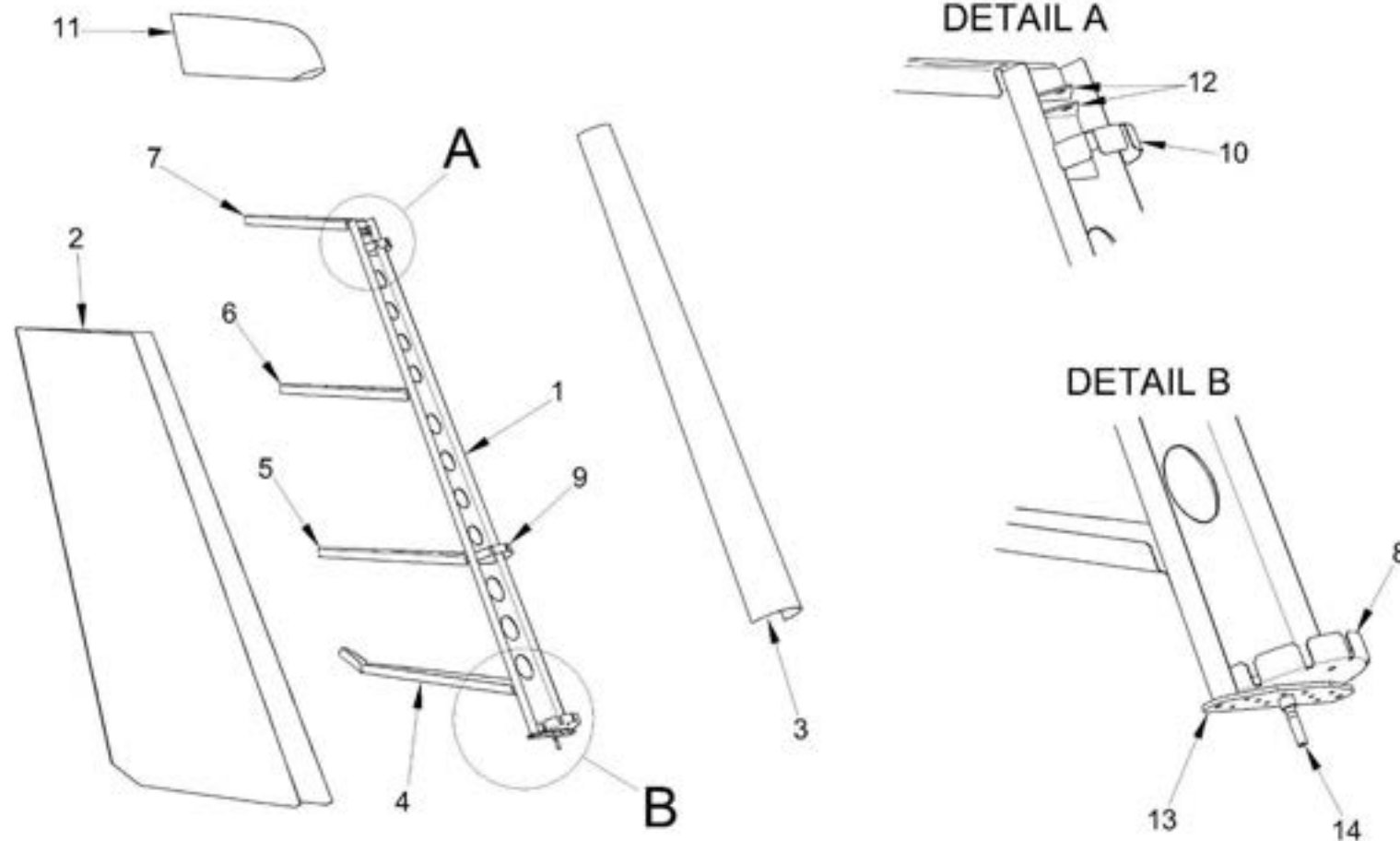


Fig. 55.40-2: Rudder assy

[illegible]



55.40.3 Rudder Installation-valid since P1102001

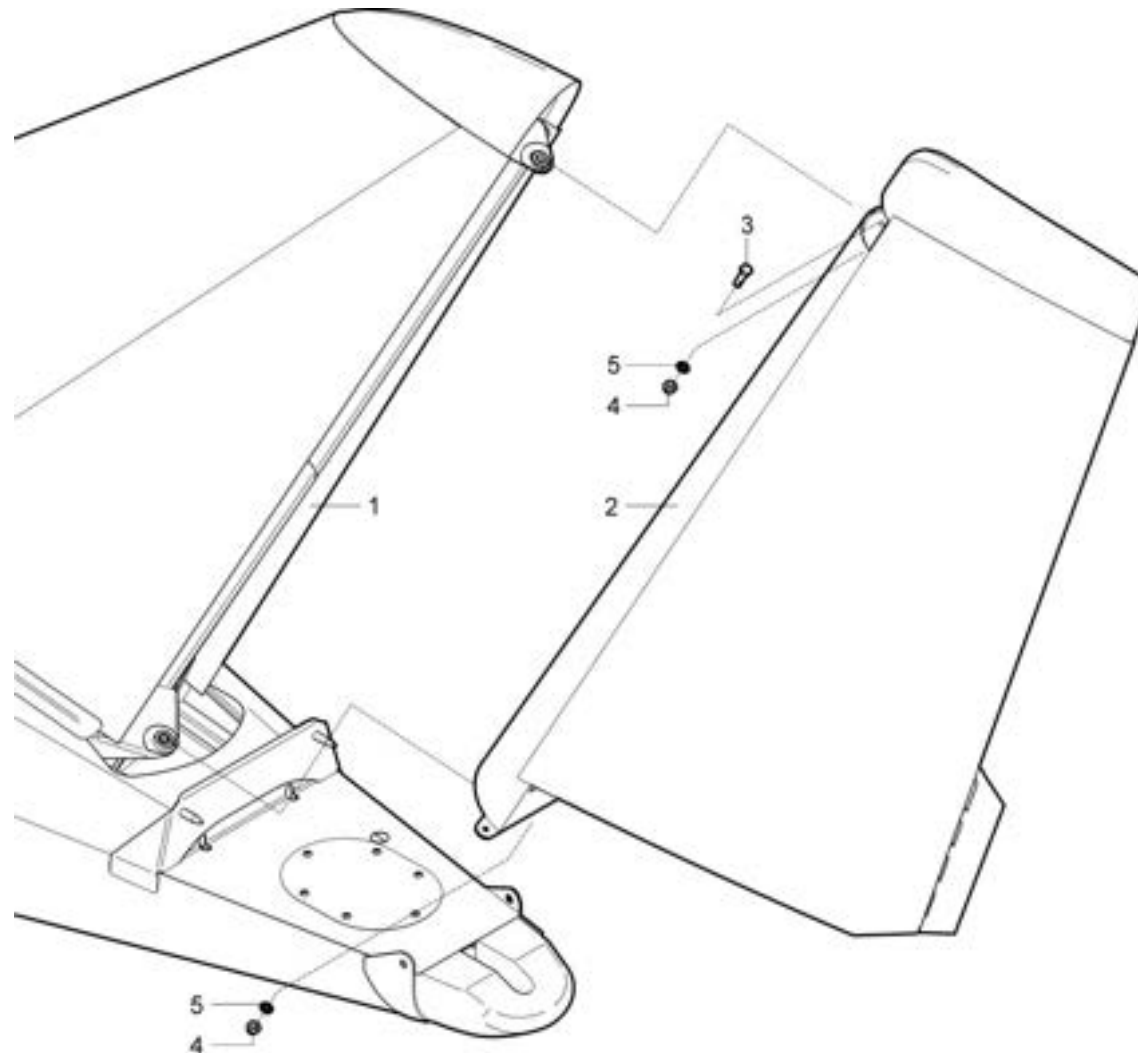


Fig. 55.40-3: Rudder installation-valid since P1102001



SECTION - 55.40

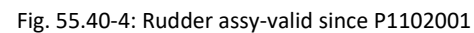
RUDDER

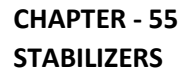
PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



55.40.4 Rudder Assy-valid since P1102001



[illegible]



57 WINGS

57.10 CENTER WING ASSY

57.10	Center Wing Assy	57-1
57.10.1	Center Wing Assy.....	57-3



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57.10.1 Center Wing Assy

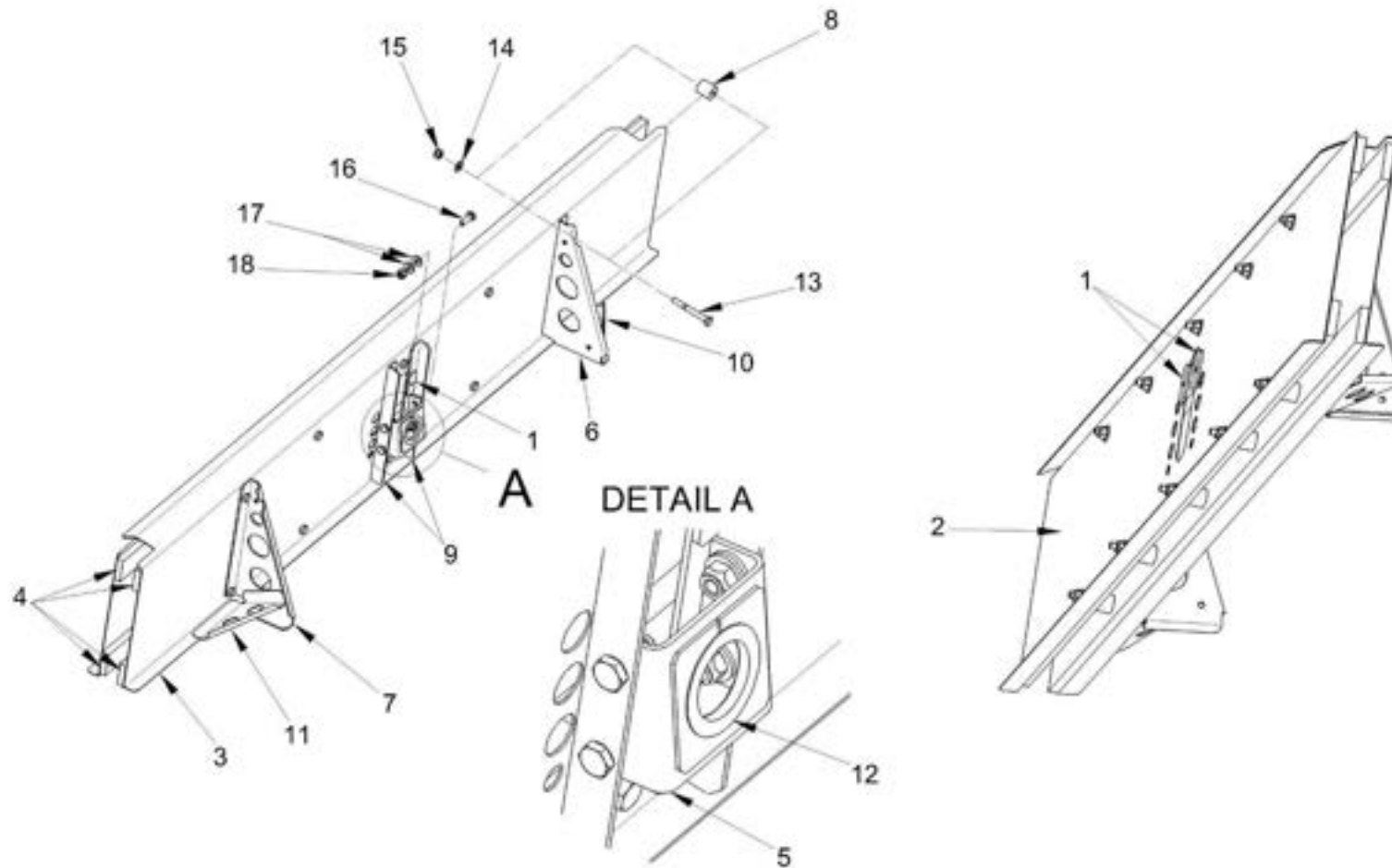


Fig. 57.10-1: Center wing assy



SECTION - 57.10
CENTER WING ASSY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57 WINGS

57.20 OUTER WING ASSY

57.20	Outer Wing Assy	57-5
57.20.1	Wing Skin	57-7
57.20.2	Wing Frame Assy	57-10
57.20.1	Wing Spar Assy	57-13
57.20.2	Locker Door Assy	57-15
57.20.3	Installation of Aileron and Flap	57-17
57.20.4	Wing Skin-valid since P1102001	57-19
57.20.5	Installation of Aileron and Flap-valid since P1102001	57-21



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57.20.1 Wing Skin

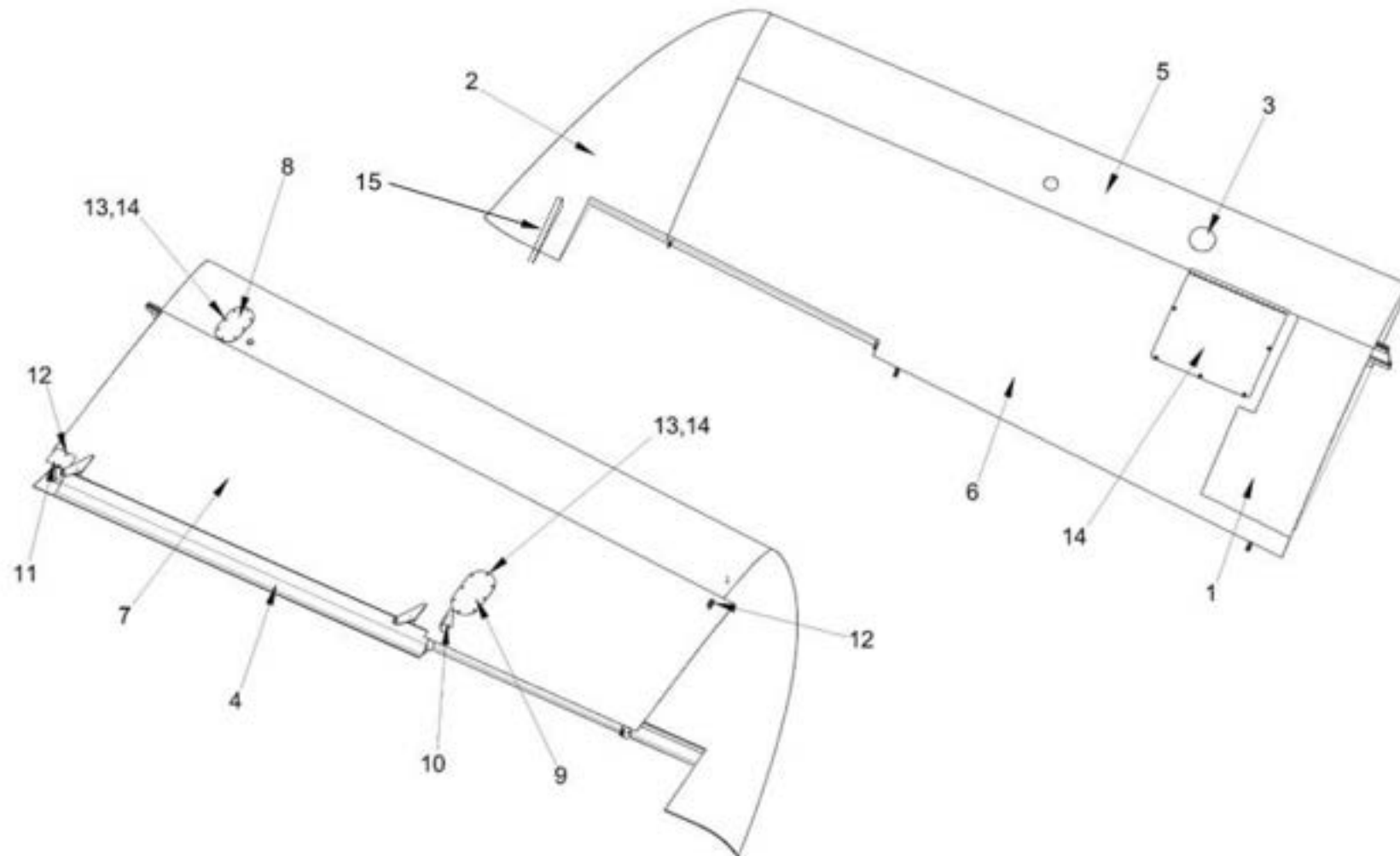


Fig. 57.20-1: Wing skin



SECTION - 57.20
OUTER WING ASSY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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57.20.2 Wing Frame Assy

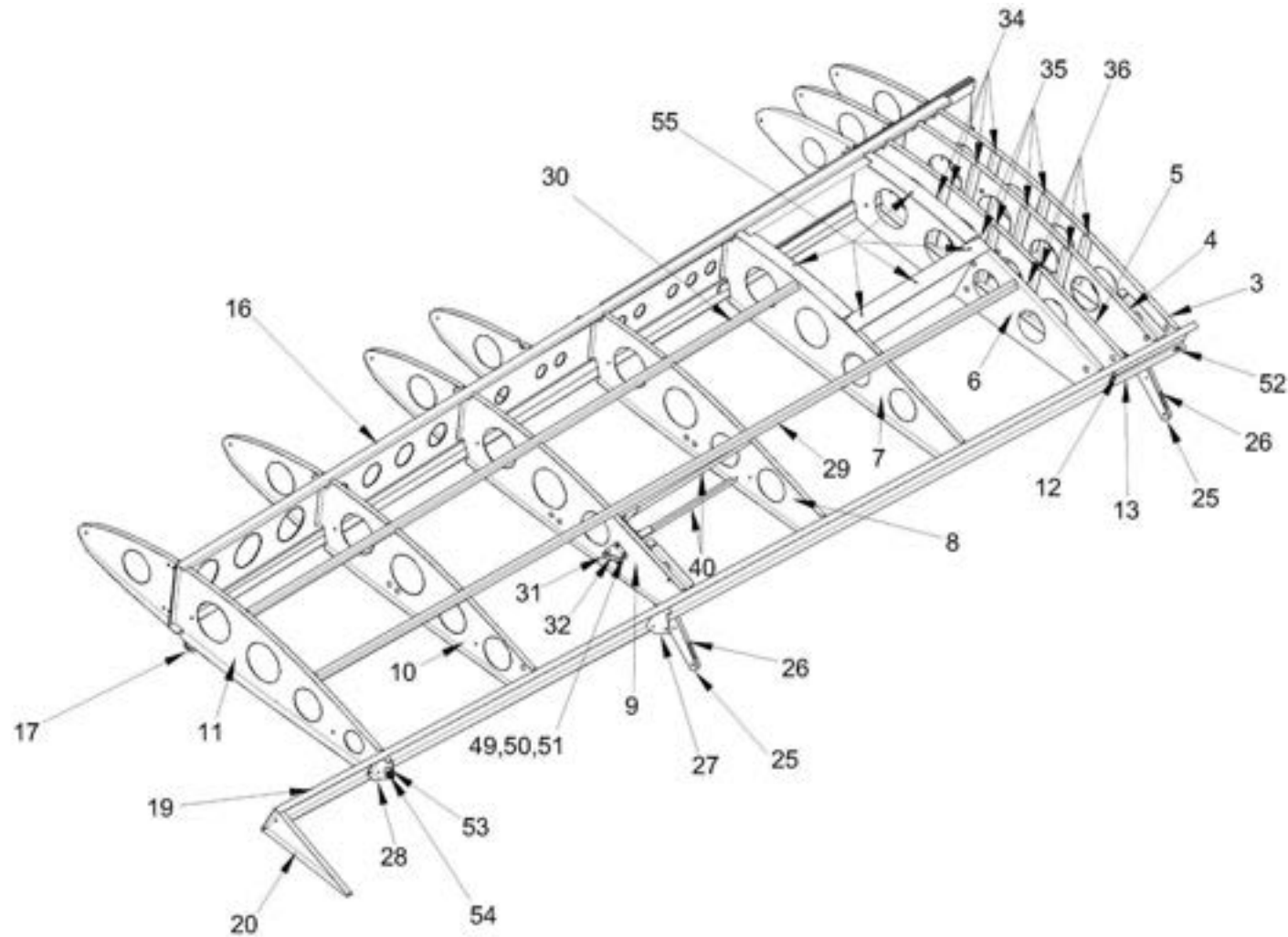


Fig. 57.20-2: Wing frame assy

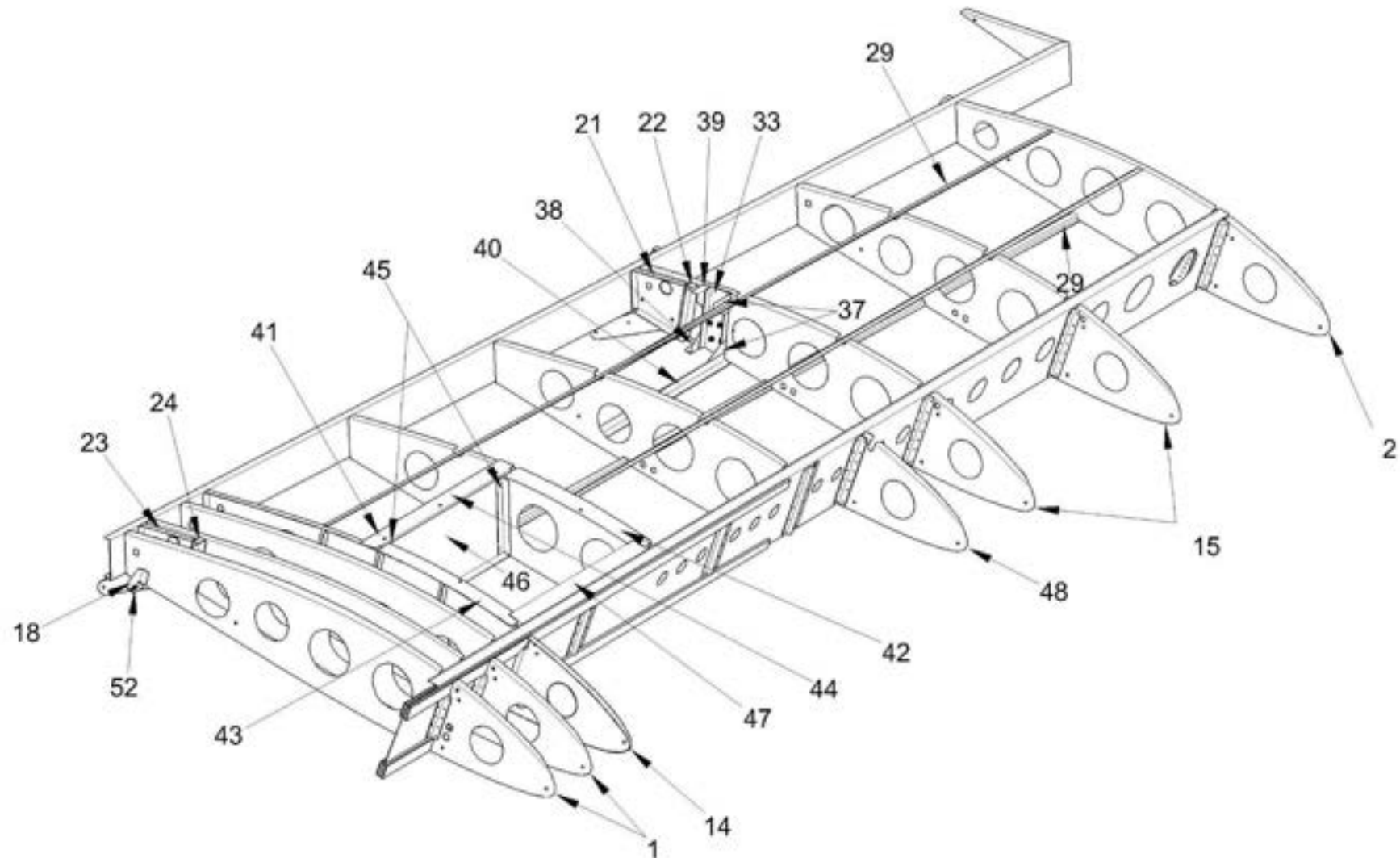


Fig. 57.20-3: Wing frame assy



CHAPTER - 57
WINGS

CR-IPC-1-0-00

SECTION - 57.20
OUTER WING ASSY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
Fig. 57.20-2, Fig. 57.20-3: Wing frame assy				
1	SW0151L	FRONT RIB 1,2A	2	
2	SW0152L	FRONT RIB 9	1	
3	SW0153L	REAR RIB 1	1	
4	SW0154L	REAR RIB 2	1	
5	SW0155L	REAR RIB 3	1	
6	SW0156L	REAR RIB 4	1	
7	SW0157L	REAR RIB 5	1	
8	SW0158L	REAR RIB 6	1	
9	SW0159L	REAR RIB 7	1	
10	SW0160L	REAR RIB 8	1	
11	SW0161L	REAR RIB 9	1	
12	SW0162N	PLATE	1	
13	SW0163N	ANGLE	1	
14	SW0168L	FRONT RIB 3	1	
15	SW0169L	FRONT RIB 7, 8	2	
16	SW0170L	WING SPAR ASSY	1	
17	SW0176N	TIEDOWN RING	1	
18	SW0181L	REINFORCEMENT	1	
19	SW0213L	REAR SPAR	1	
20	SW0214L	WING TIP RIB	1	
21	SW0215L	REINFORCEMENT 7	1	
22	SW0216L	BRACKET 7	1	
23	SW0217L	REINFORCEMENT 2	1	
24	SW0218L	BRACKET 2	1	
25	SW0220N	BRACKET	2	
26	SW0221N	COVER	2	
27	SW0222L	AILERON HINGE 7	1	
28	SW0223L	AILERON HINGE 9	1	
29	SW0229N	STRINGER	2	
NOTE: For Right wing swap L and P ending in part number where is used.				

No.	PART NUMBER	ITEM NAME	PCS.	NOTE
30	SW0230N	STRINGER	1	
31	SW0232L	RIB 7 BRACKET	1	
32	SW0232R	RIB 7 BRACKET	1	
33	SW0233N	RIB 7 STIFFENER	1	
34	SW0236N	ANGLE I	4	
35	SW0237N	ANGLE II	4	
36	SW0238N	ANGLE III	4	
37	SW0239N	CORNER REINFORCEMENT I	2	
38	SW0240L	CORNER REINFORCEMENT II	1	
39	SW0240P	CORNER REINFORCEMENT II	1	
40	SW0241N	ANGLE	2	
41	SW0245N	FLANGE 4-5	1	
42	SW0246L	FLANGE 5	1	
43	SW0246P	FLANGE 4	1	
44	SW0247N	ANGLE	1	
45	SW0248N	ANGLE	2	
46	SW0263N	REAR WALL	1	
47	SW0165N	ANGLE	1	
48	SW0282L	FRONT RIB 6A	1	
49	AN3-4A	BOLT	4	
50	AN365-1032	NUT	4	
51	AN960-10	WASHER	4	
52	MS21047-8	ANCHOR NUT	2	
53	MW0120N	BUSHING II	1	
54	3311A012	BEARING	1	
55	S5A-225	DZUS SPRING	5	



57.20.3 Wing Spar Assy

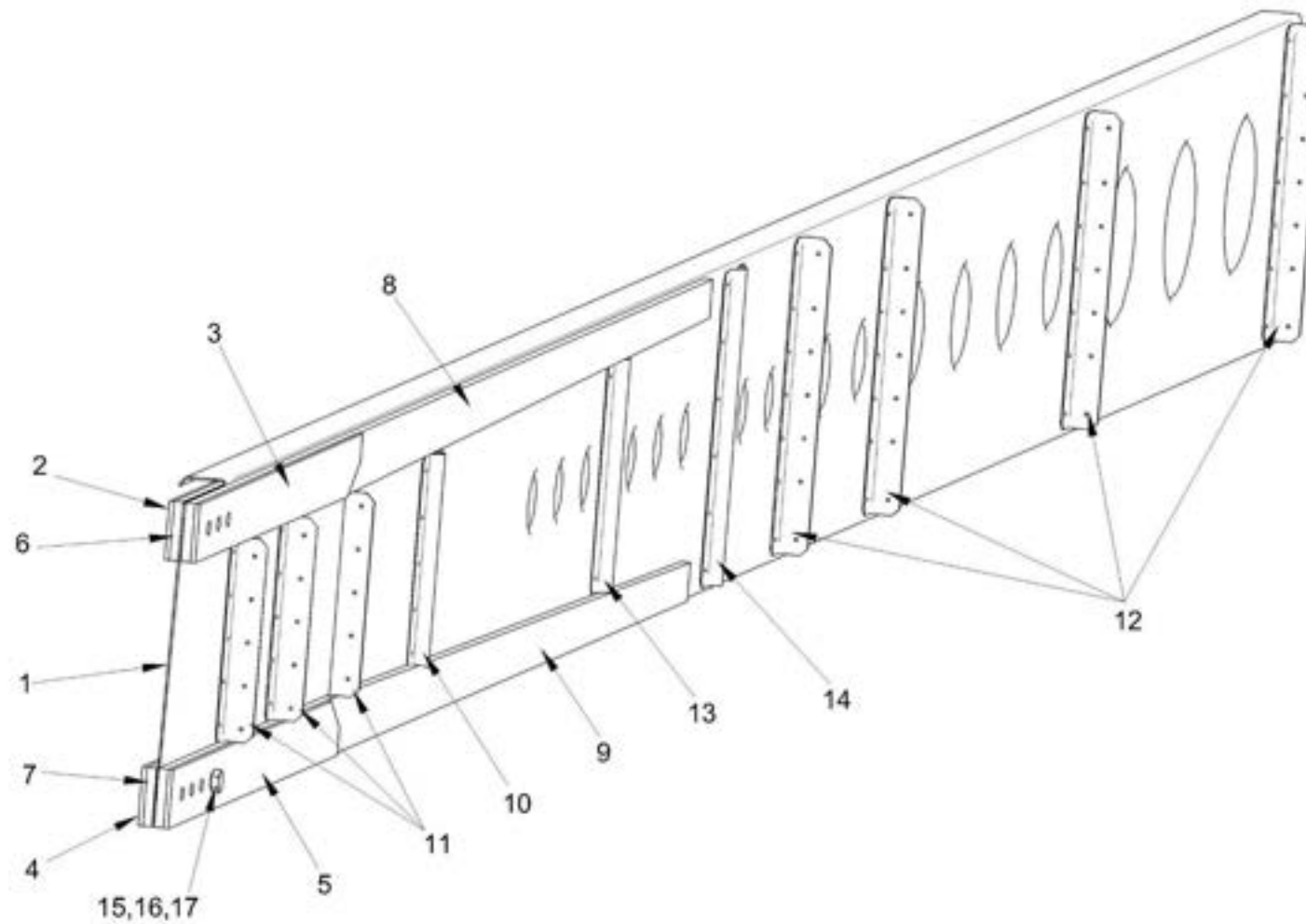


Fig. 57.20-4: Wing spar assy



SECTION - 57.20
OUTER WING ASSY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57.20.4 Locker Door Assy

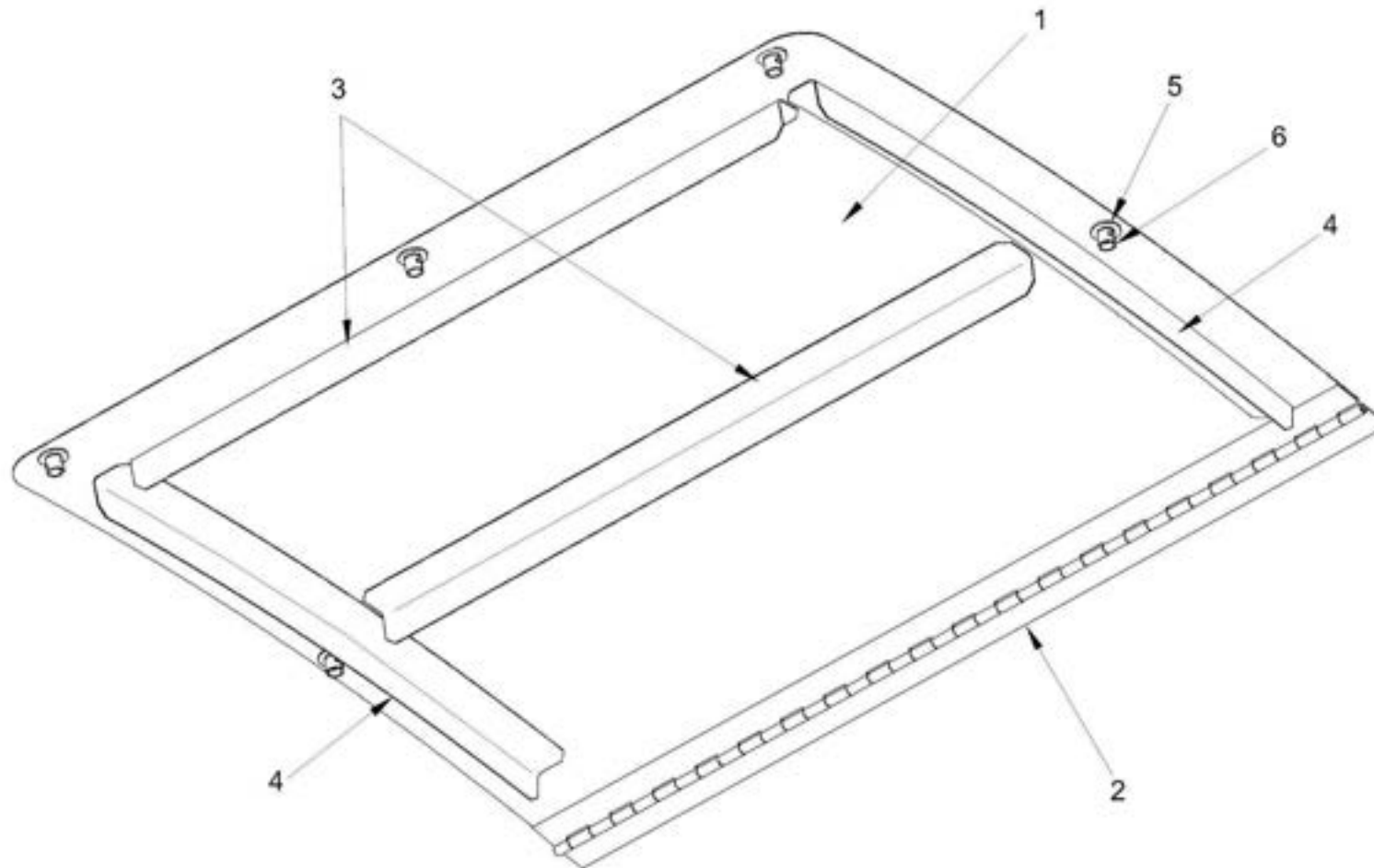


Fig. 57.20-5: Locker door assy



SECTION - 57.20

OUTER WING ASSY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57.20.5 Installation of Aileron and Flap

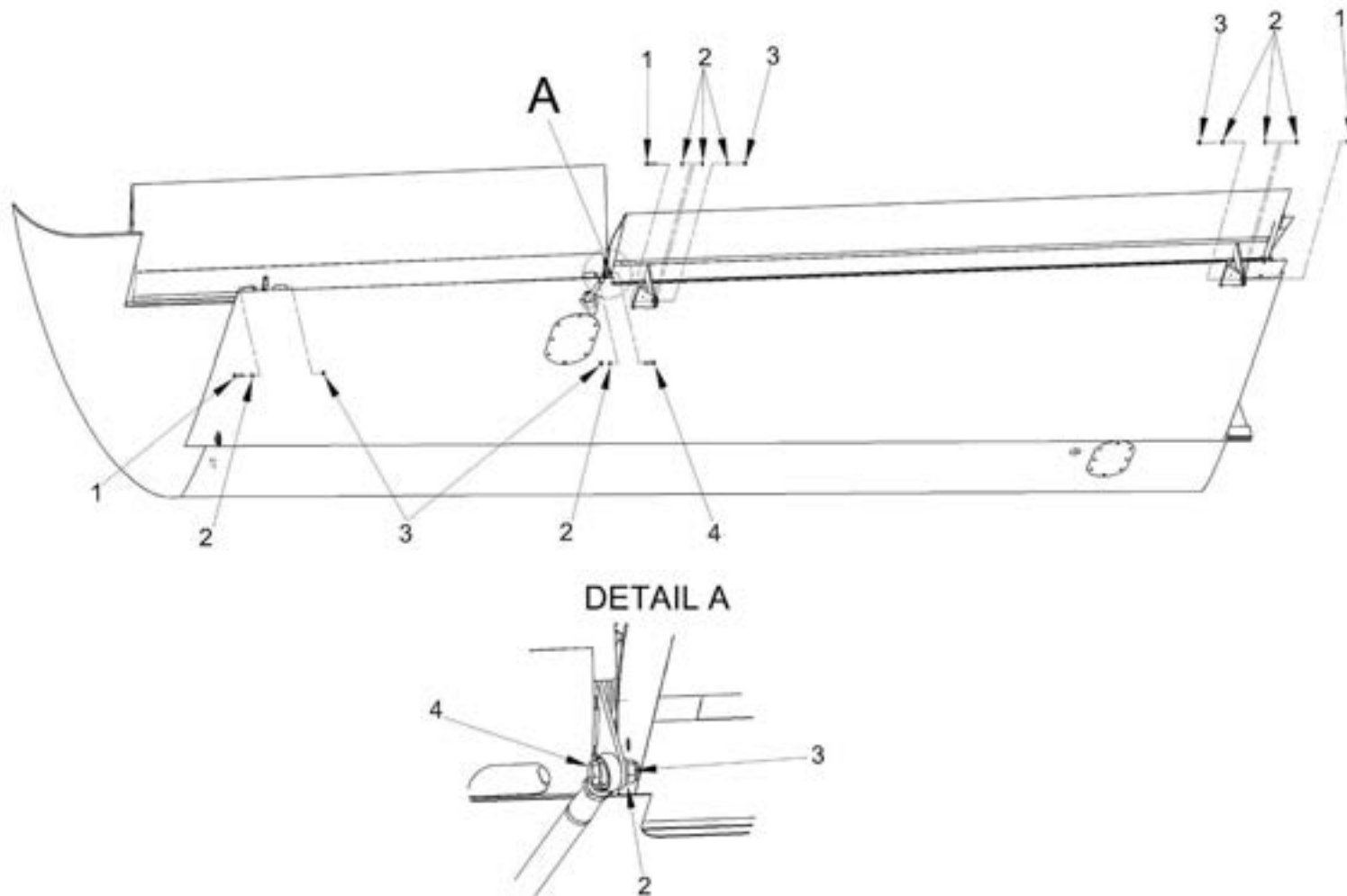


Fig. 57.20-6: Installation of aileron and flap



SECTION - 57.20
OUTER WING ASSY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57.20.6 Wing Skin-valid since P1102001

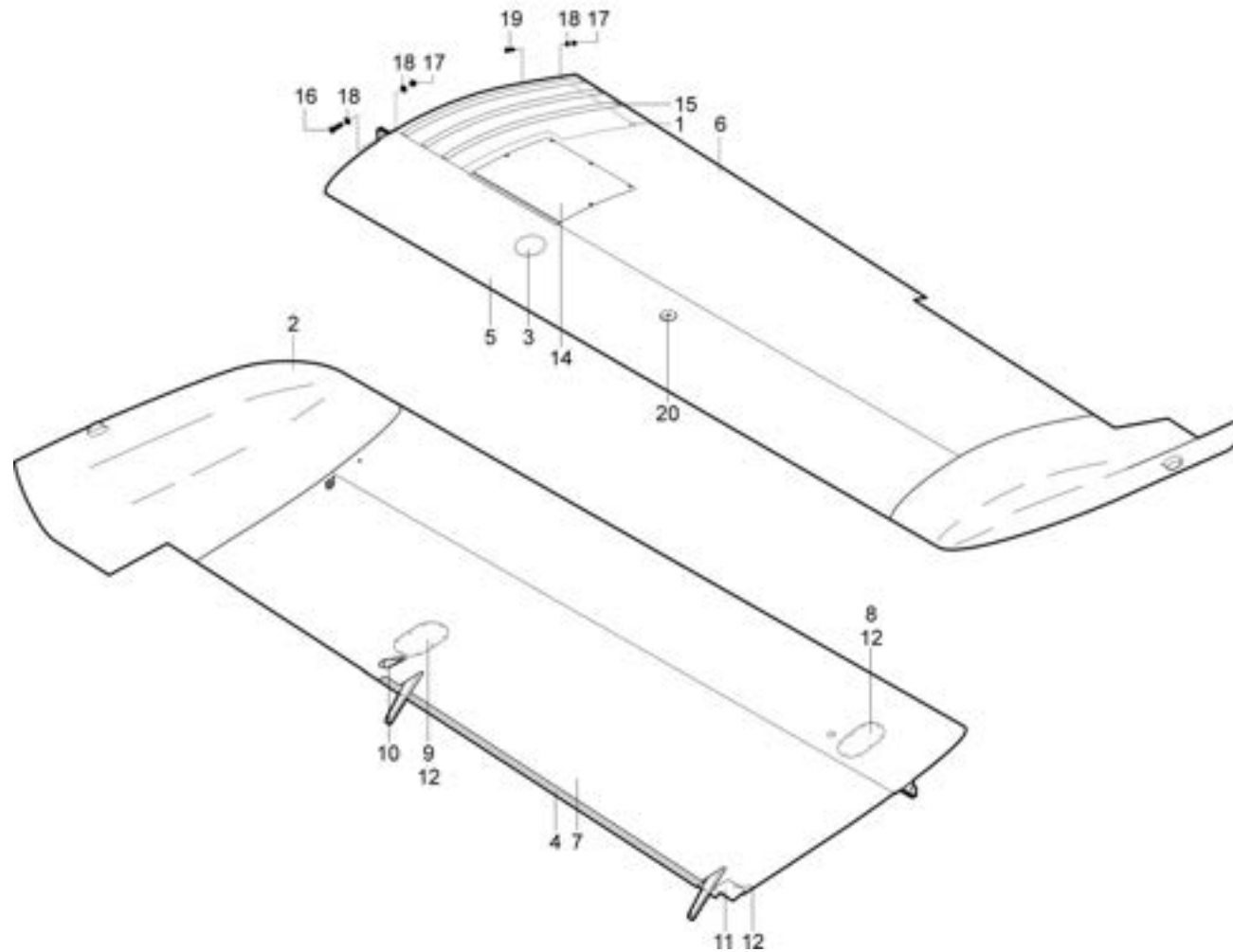


Fig. 57.20-7: Wing skin-valid since P1102001

[illegible]



57.20.7 Installation of Aileron and Flap-valid since P1102001

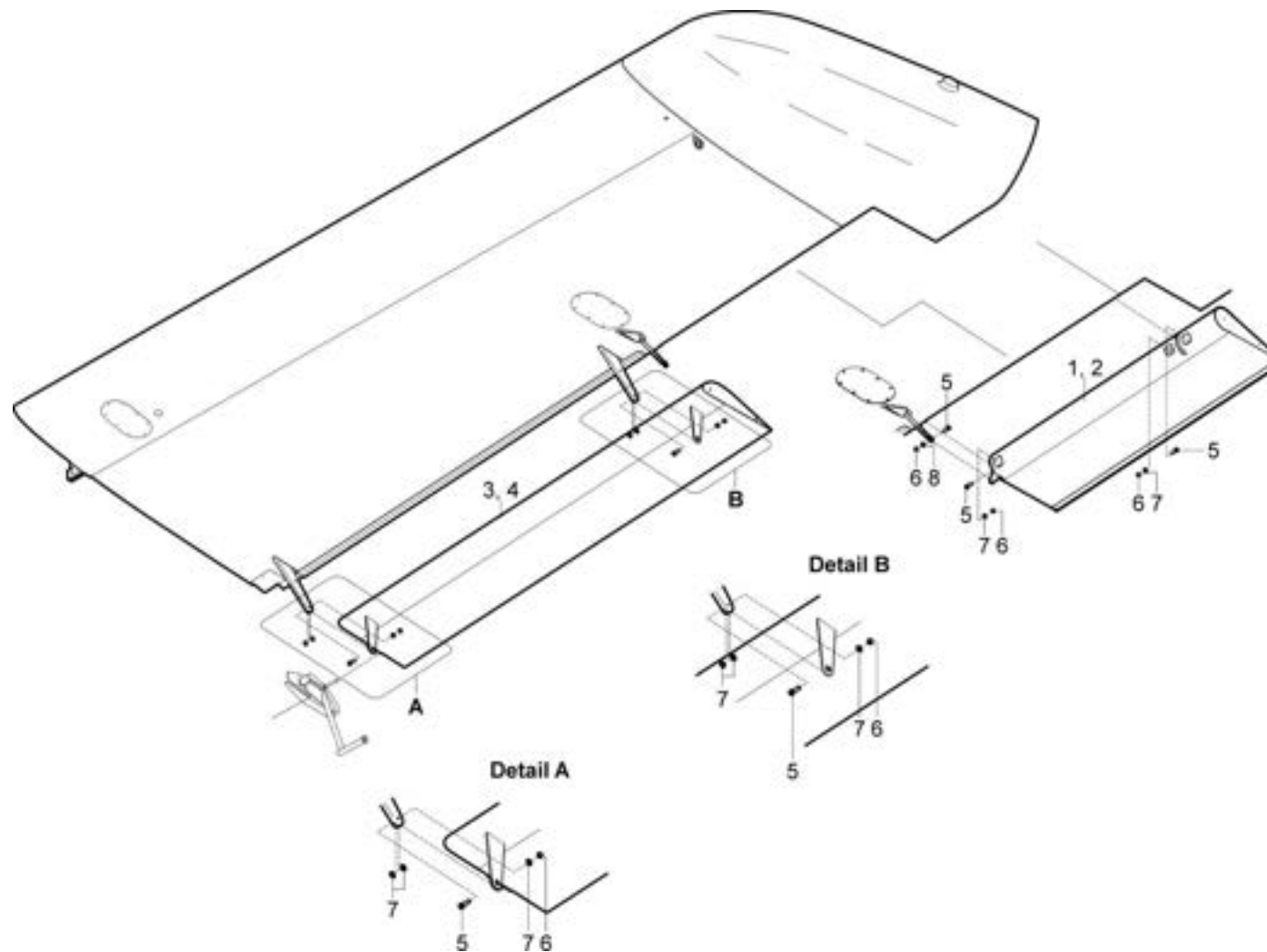


Fig. 57.20-8: Installation of aileron and flap-valid since P1102001



SECTION - 57.20
OUTER WING ASSY

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57 WINGS

57.50 FLAPS

57.50	Flaps.....	57-23
57.50.1	Flap Assy	57-25
57.50.2	Flap Assy-valid since P1102001	57-27



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57.50.1 Flap Assy

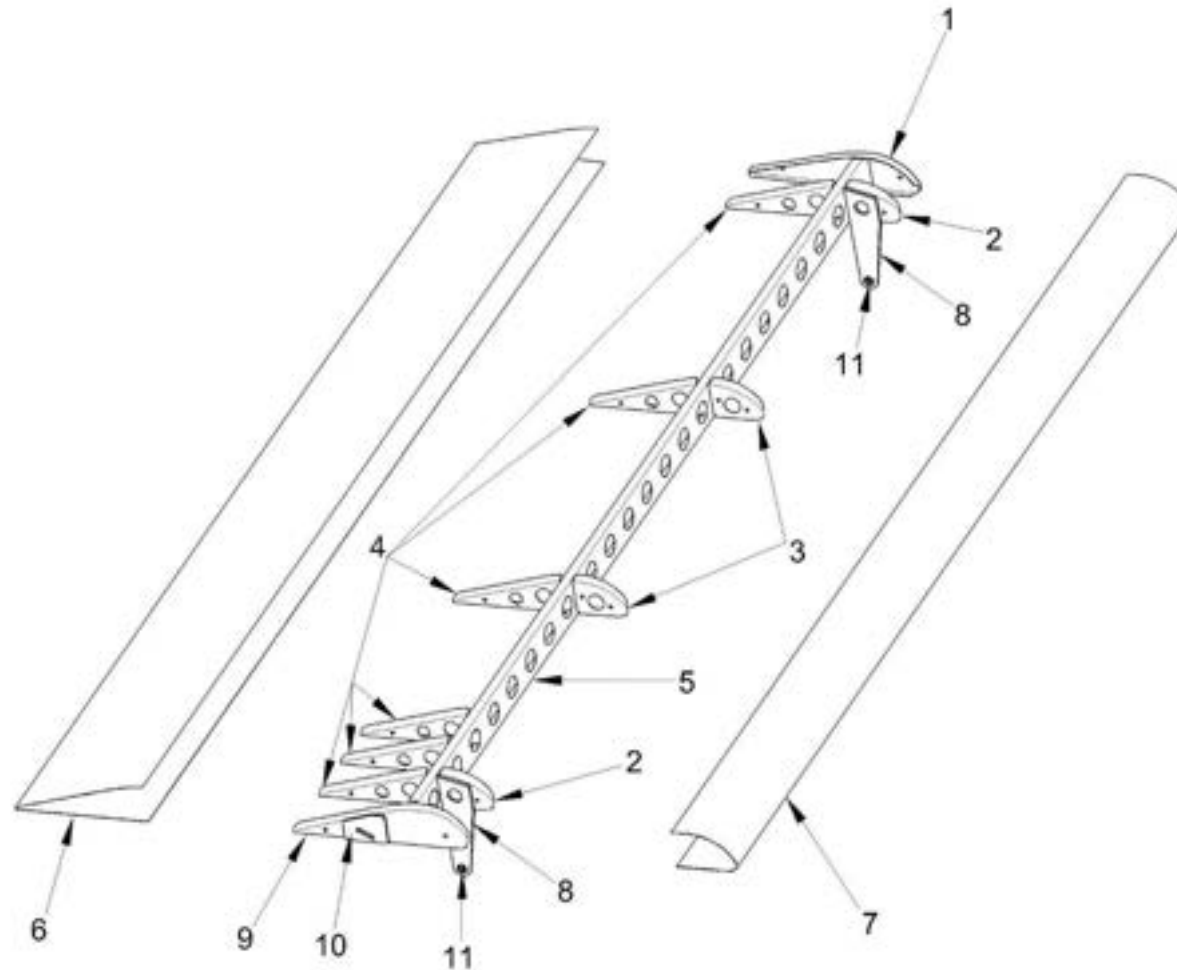


Fig. 57.50-1: Flap assy



SECTION - 57.50

FLAPS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57.50.2 Flap Assy-valid since P1102001

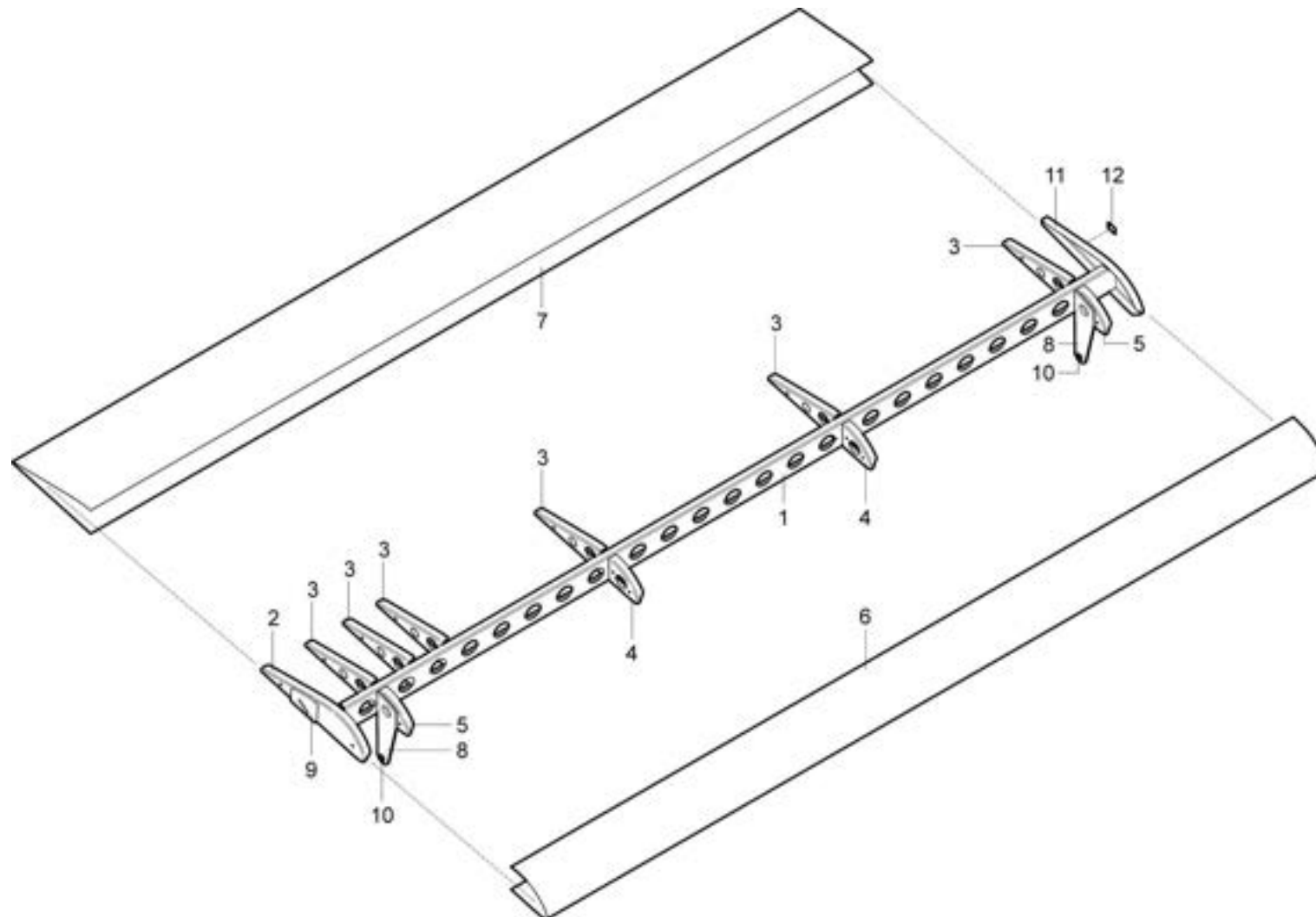


Fig. 57.50-2: Flap assy-valid since P1102001



SECTION - 57.50

FLAPS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57 WINGS

57.60 AILERONS

57.60	Ailerons.....	57-29
57.60.1	Left Aileron Assy	57-31
57.60.2	Right Aileron Assy	57-33
57.60.3	Left Aileron Assy-valid since P1102001	57-35
57.60.1	Right Aileron Assy-valid since P1102001	57-37
57.60.2	Trim Tab Assy-valid since P1102001	57-39



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57.60.1 Left Aileron Assy

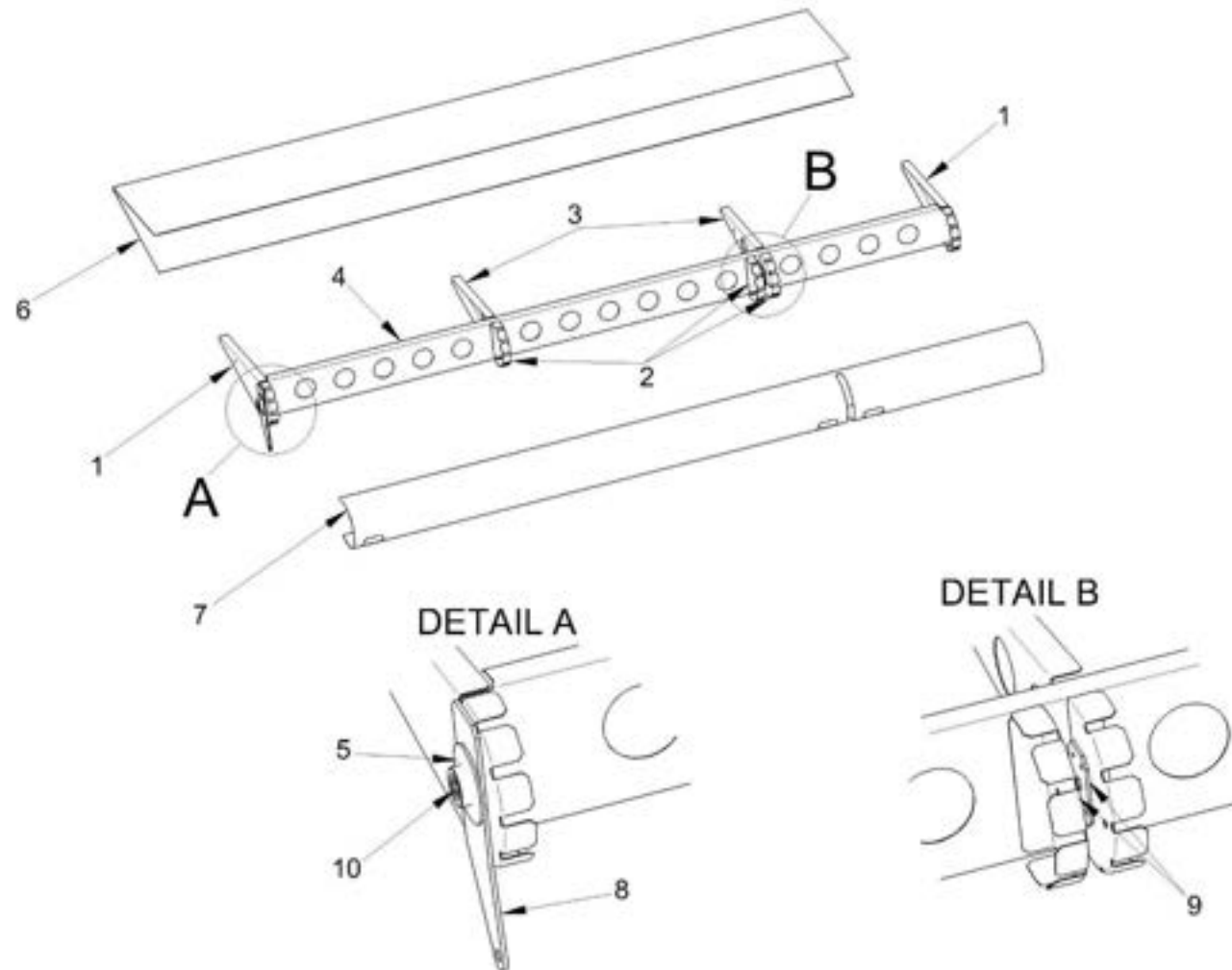


Fig. 57.60-1: Left aileron assy



SECTION - 57.60

AILERONS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57.60.2 Right Aileron Assy

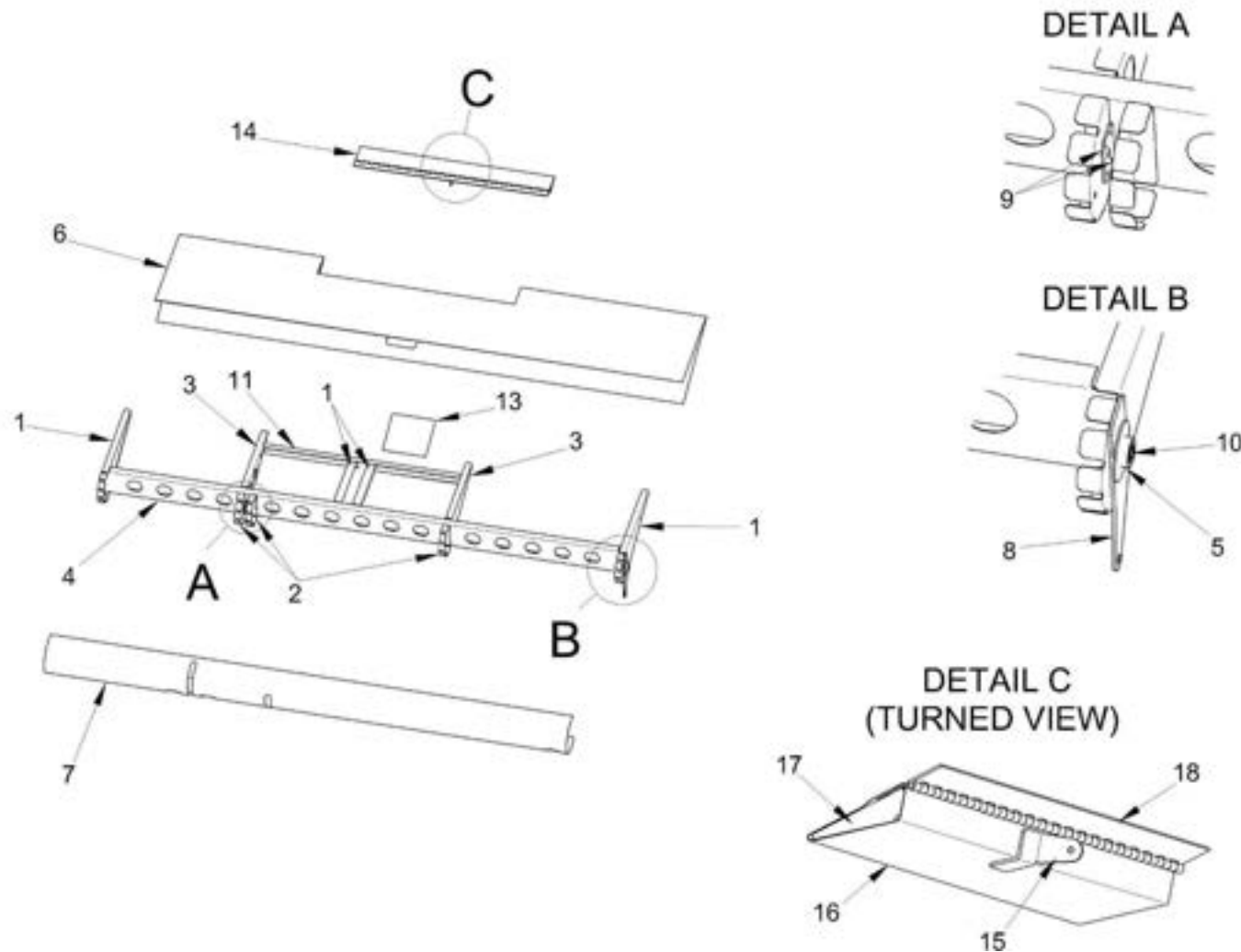


Fig. 57.60-2: Right aileron assy

[illegible]



57.60.3 Left Aileron Assy-valid since P1102001

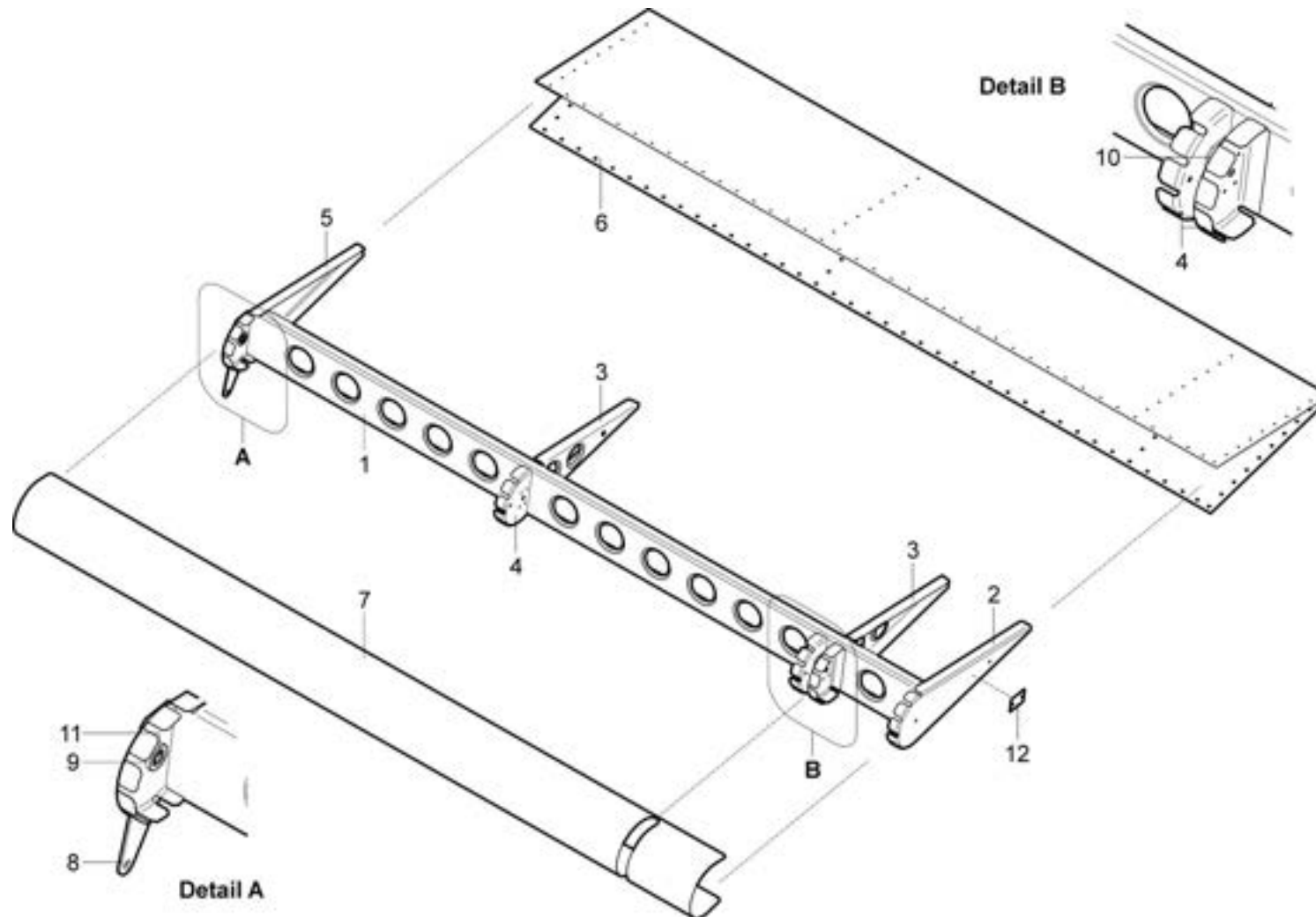


Fig. 57.60-3: Left aileron assy-valid since P1102001



SECTION - 57.60

AILERONS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



57.60.4 Right Aileron Assy-valid since P1102001

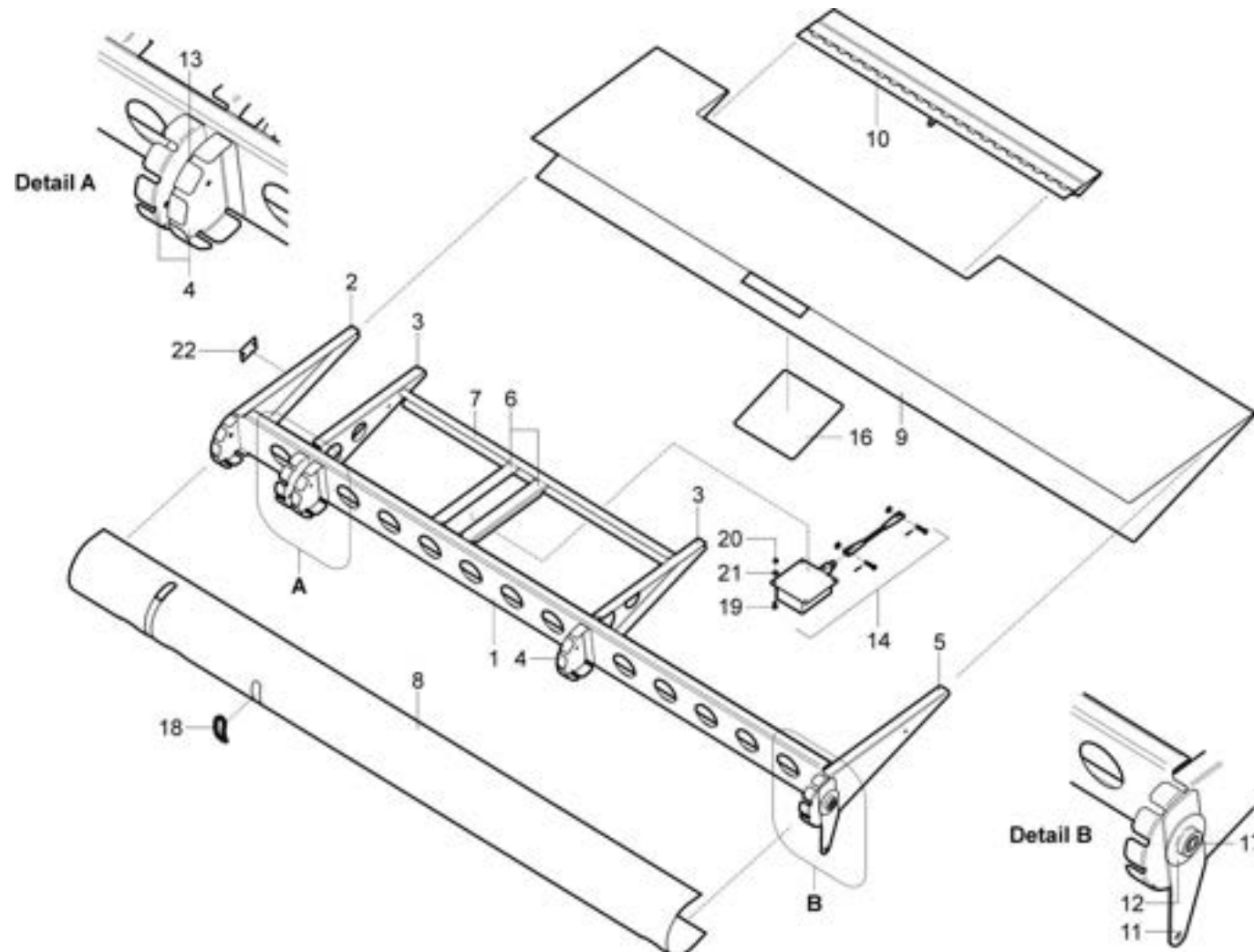


Fig. 57.60-4: Right aileron assy-valid since P1102001

[illegible]



57.60.5 Trim Tab Assy-valid since P1102001

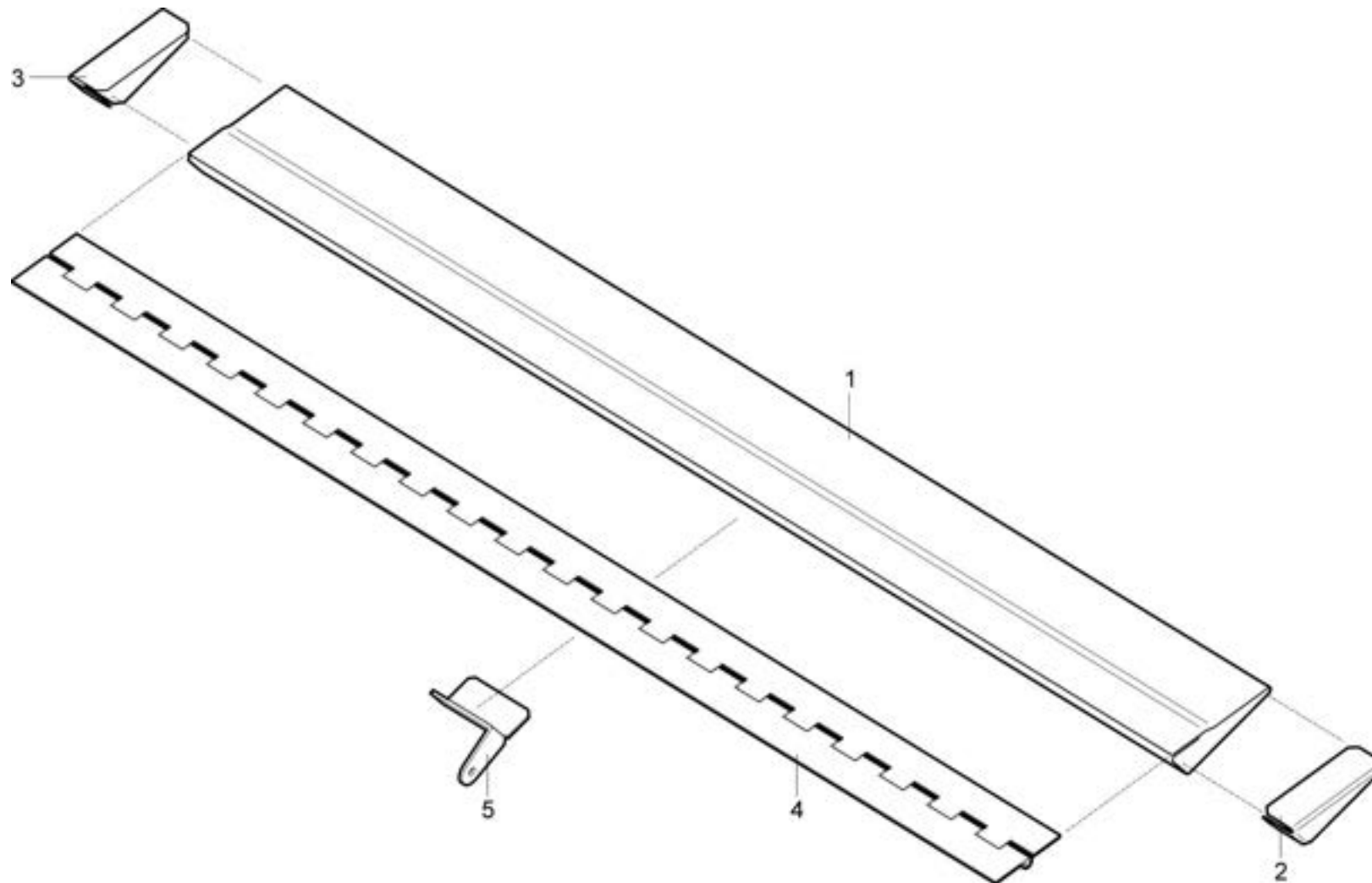


Fig. 57.60-5: Trim tab assy-valid since P1102001



SECTION - 57.60

AILERONS

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



61 PROPELLER

61.10 PROPELLER

61.10	Propeller	61-1
61.10.1	Sensenich 2 Blade Propeller Installation	61-3
61.10.2	Woodcomp 3 Blade Propeller Installation	61-5
61.10.3	Electric Adjustable Woodcomp Propeller Installation	61-7
61.10.1	Sensenich 3 Blade Propeller Installation	61-9
61.10.2	Sensenich 3 Blade Propeller Installation with Weight	61-11



CHAPTER - 61
PROPELLER

CR-IPC-1-0-00

SECTION - 61.10
PROPELLER

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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61.10.1 Sensenich 2 Blade Propeller Installation

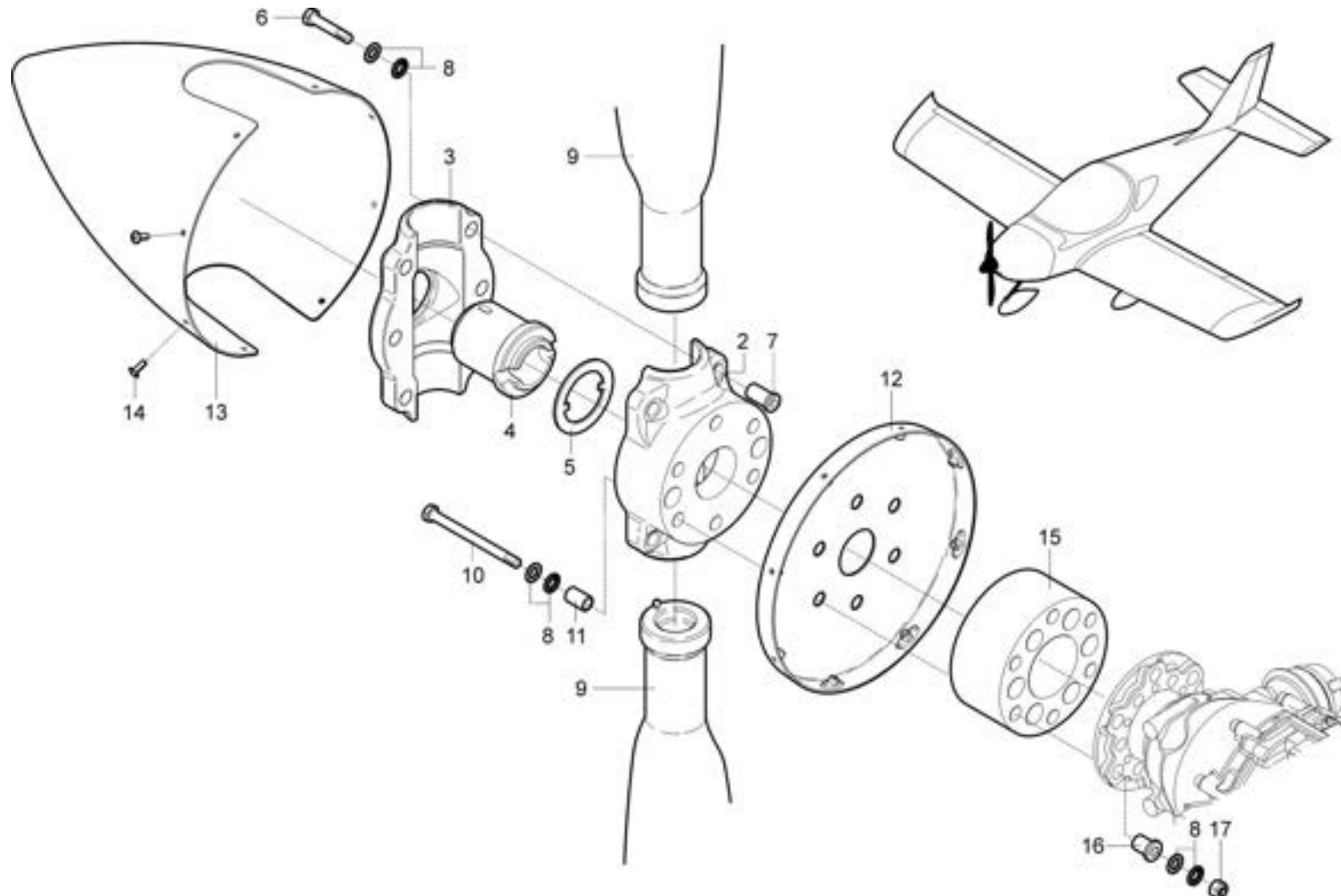


Fig. 61.10-1: Sensenich 2 blade propeller installation

[illegible]



61.10.2 Woodcomp 3 Blade Propeller Installation

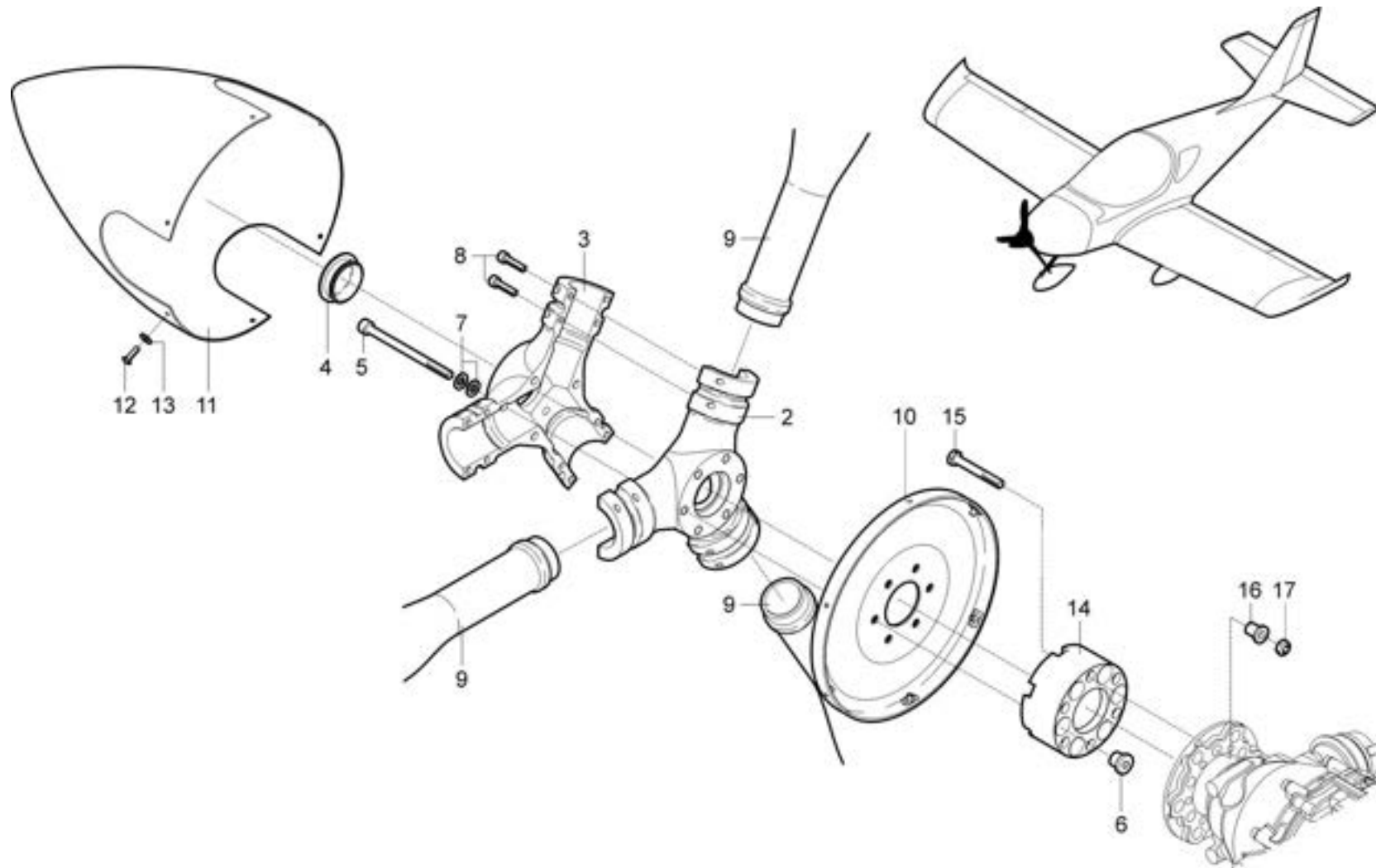


Fig. 61.10-2: Woodcomp 3 blade propeller installation

[illegible]



61.10.3 Electric Adjustable Woodcomp Propeller Installation

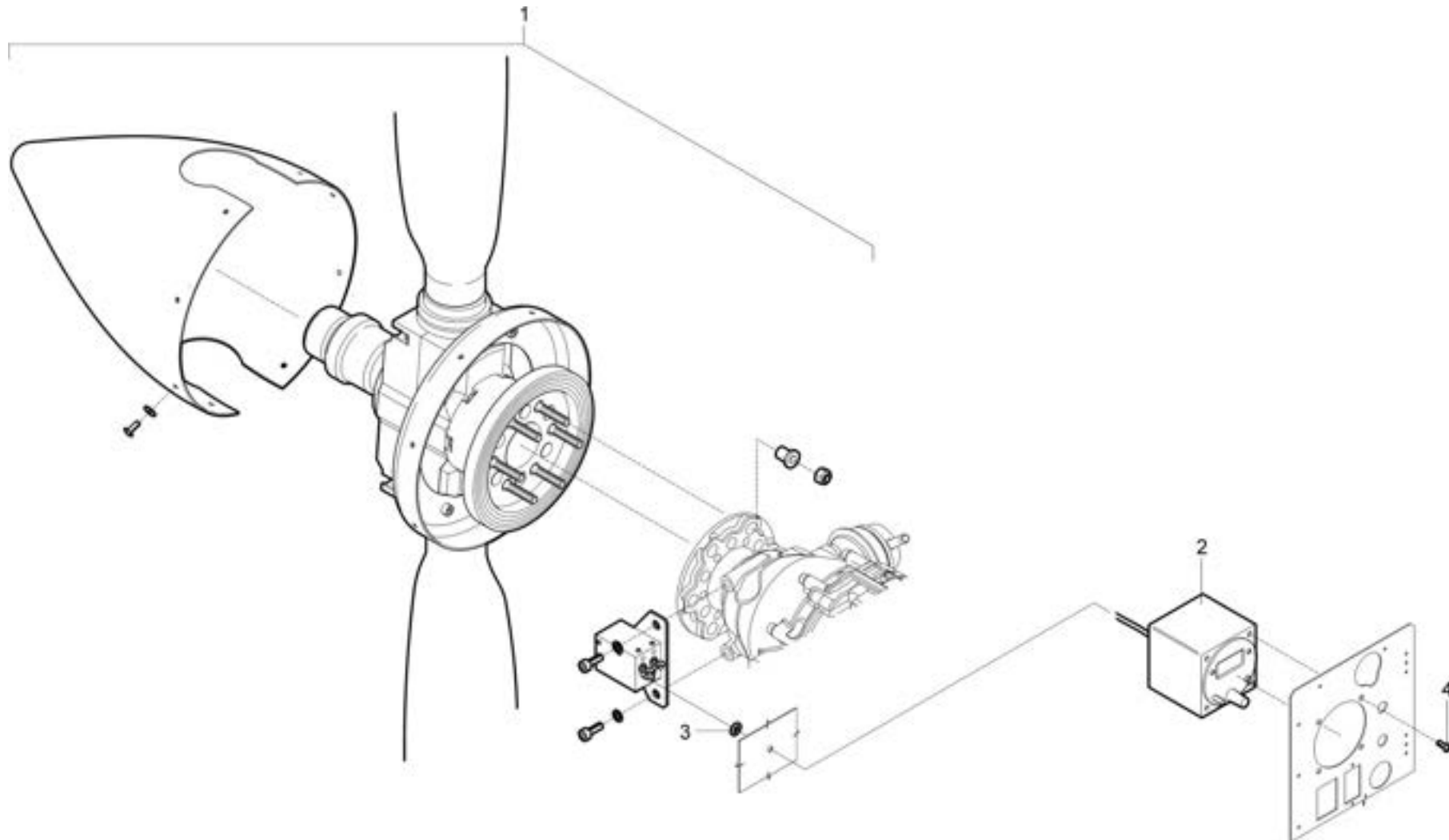


Fig. 61.10-3: Electric adjustable Woodcomp propeller installation



SECTION - 61.10

PROPELLER

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



61.10.4 Sensenich 3 Blade Propeller Installation

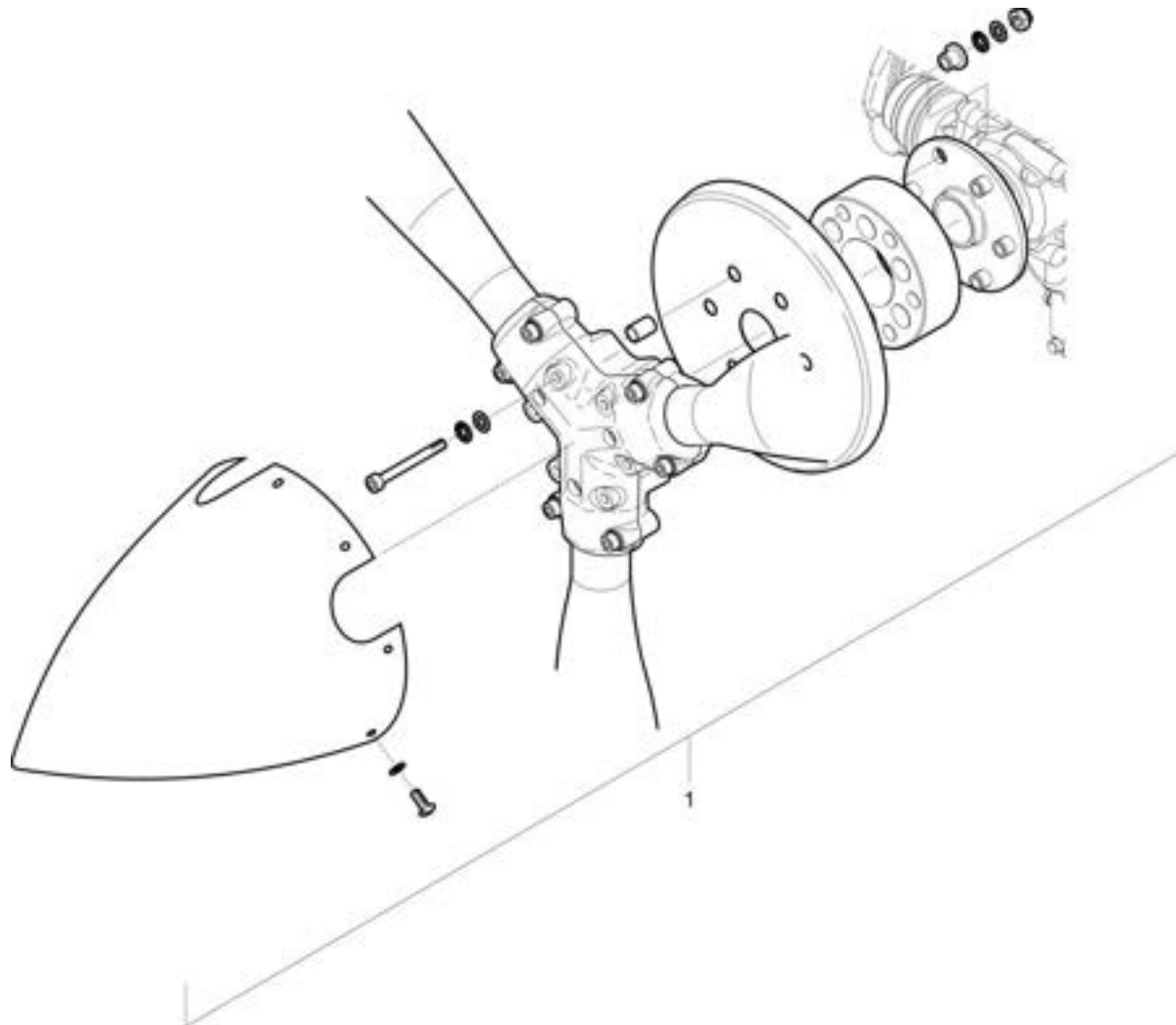


Fig. 61.10-4: Sensenich 3 blade propeller installation



SECTION - 61.10

PROPELLER

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



61.10.5 Sensenich 3 Blade Propeller Installation with Weight

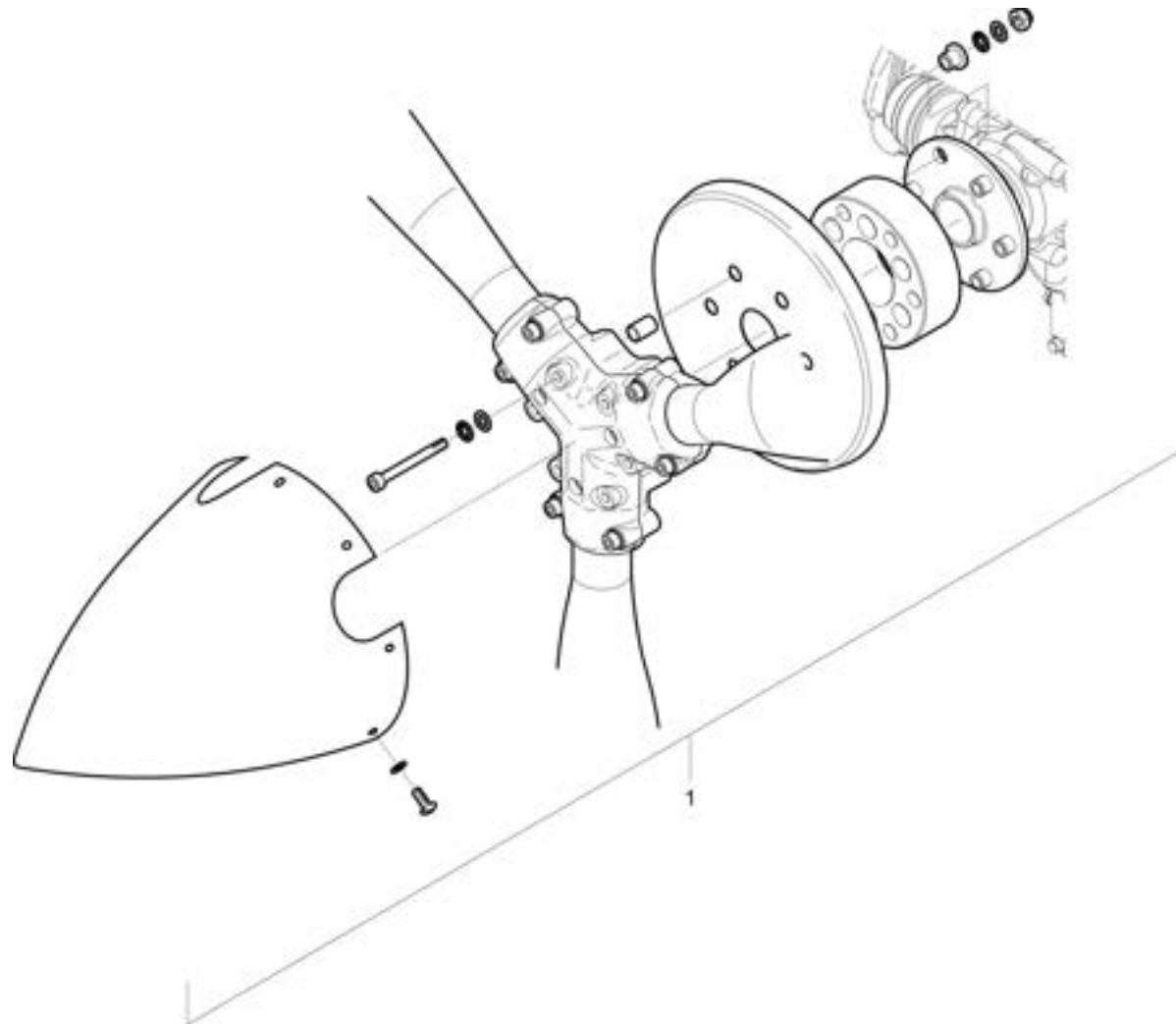


Fig. 61.10-5: Sensenich 3 blade propeller installation with weight



SECTION - 61.10

PROPELLER

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

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71 POWER PLANT

71.0 ENGINE INSTALLATION

71.0	Engine Installation	71-1
71.0.1	Engine Installation	71-3



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71.0.1 Engine Installation

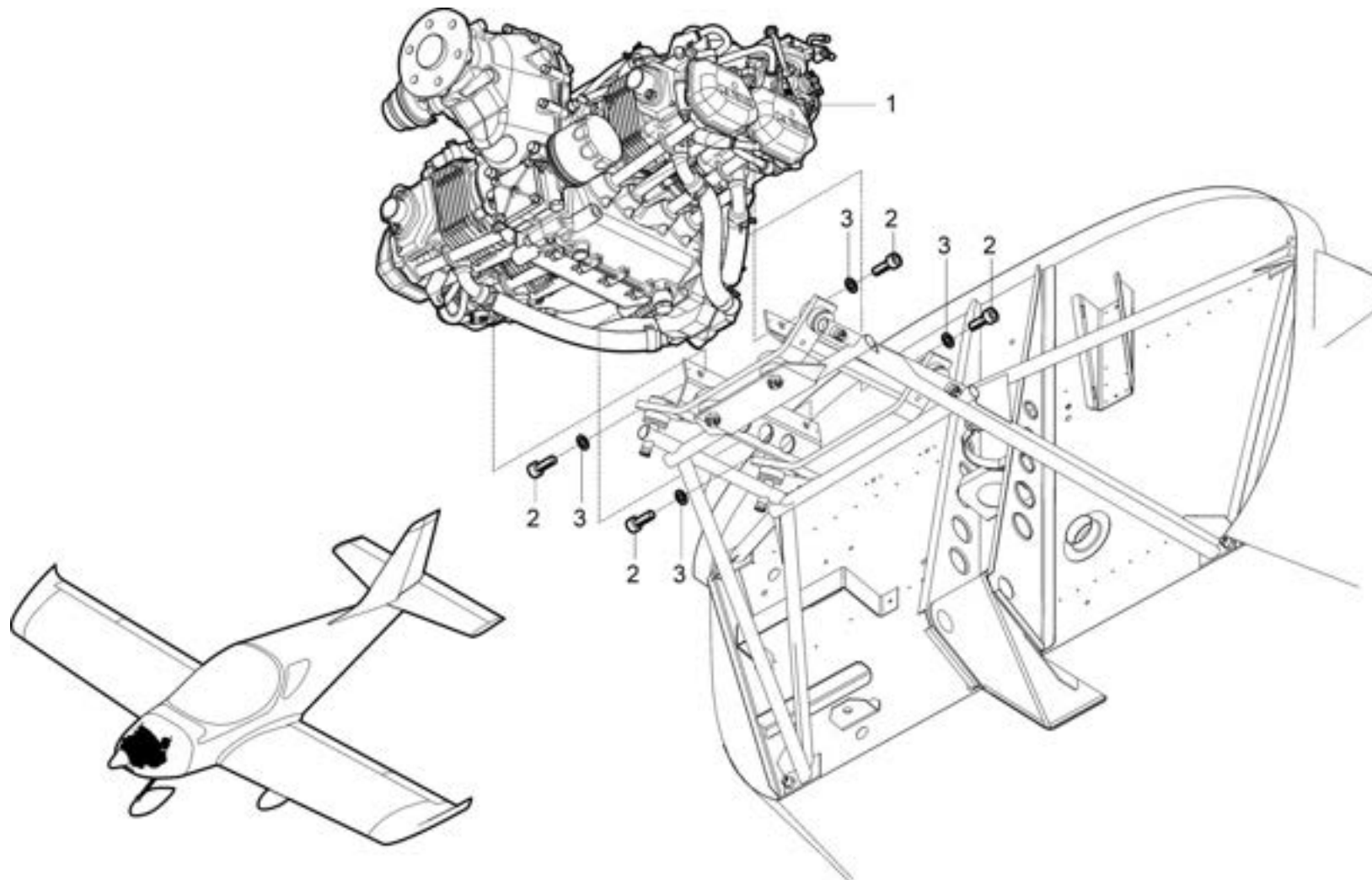


Fig. 71.0-1: Engine installation



SECTION - 71.0
ENGINE INSTALLATION

[illegible]



71 POWER PLANT

71.10 COWLING

71.10	Cowling.....	71-5
71.10.1	SE0480N / CE0560N Engine Cowlings Installation-valid since P1102001 / valid since C0637	71-7
71.10.2	SE0555N Upper Cowl Assembled	71-9
71.10.3	SE0553N / CE0561N Lower Cowl Assembled	71-11
71.10.1	SE0521N / SE0522N Engine Cowlings Installation-valid since C0655	71-13



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71.10.1 SE0480N / CE0560N Engine Cowlings Installation-valid since P1102001 / valid since C0637

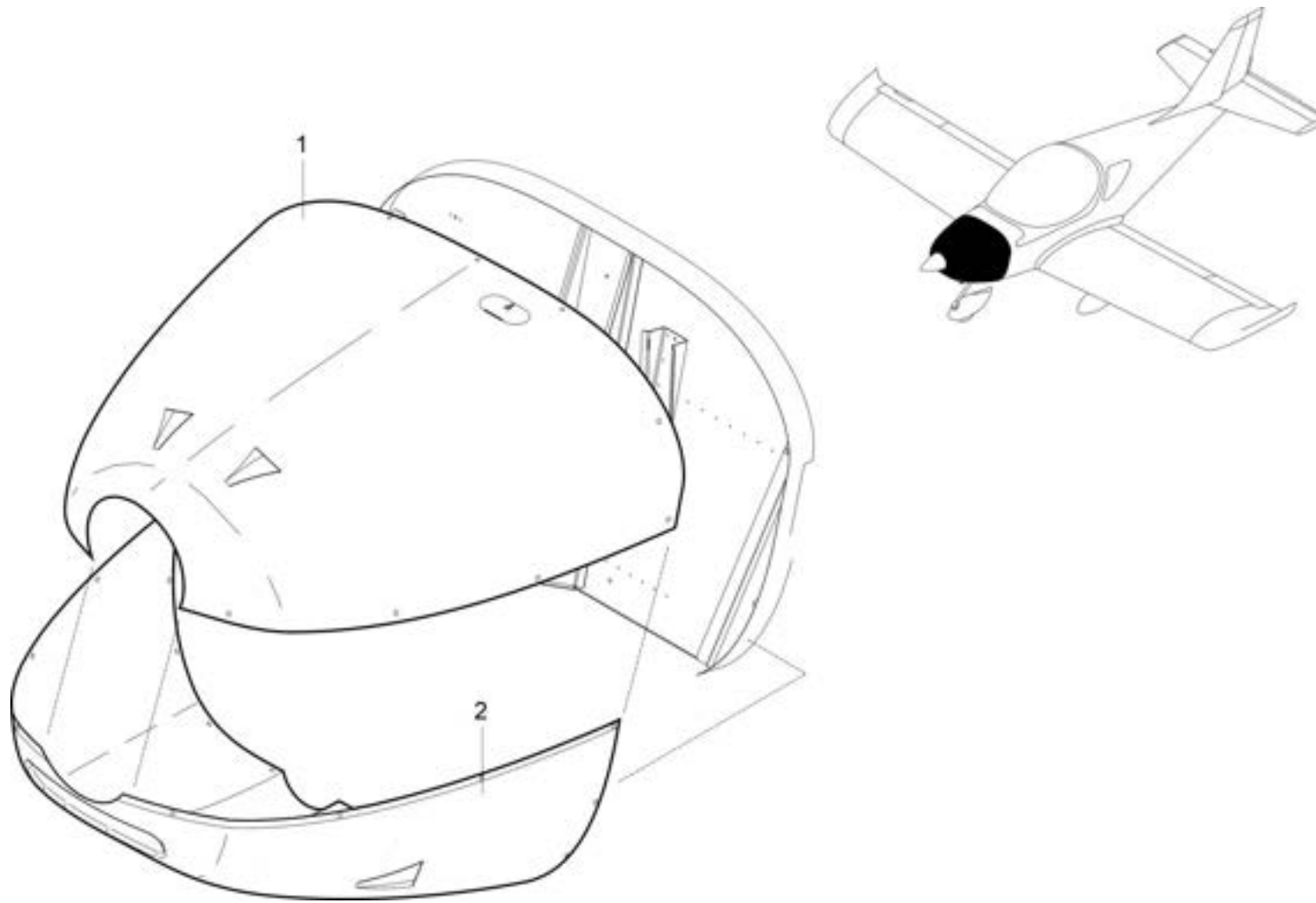


Fig. 71.10-1: SE0480N / CE0560N engine cowlings installation-valid since P1102001 / valid since C0637



SECTION - 71.10

COWLING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



71.10.2 SE0555N Upper Cowl Assembled

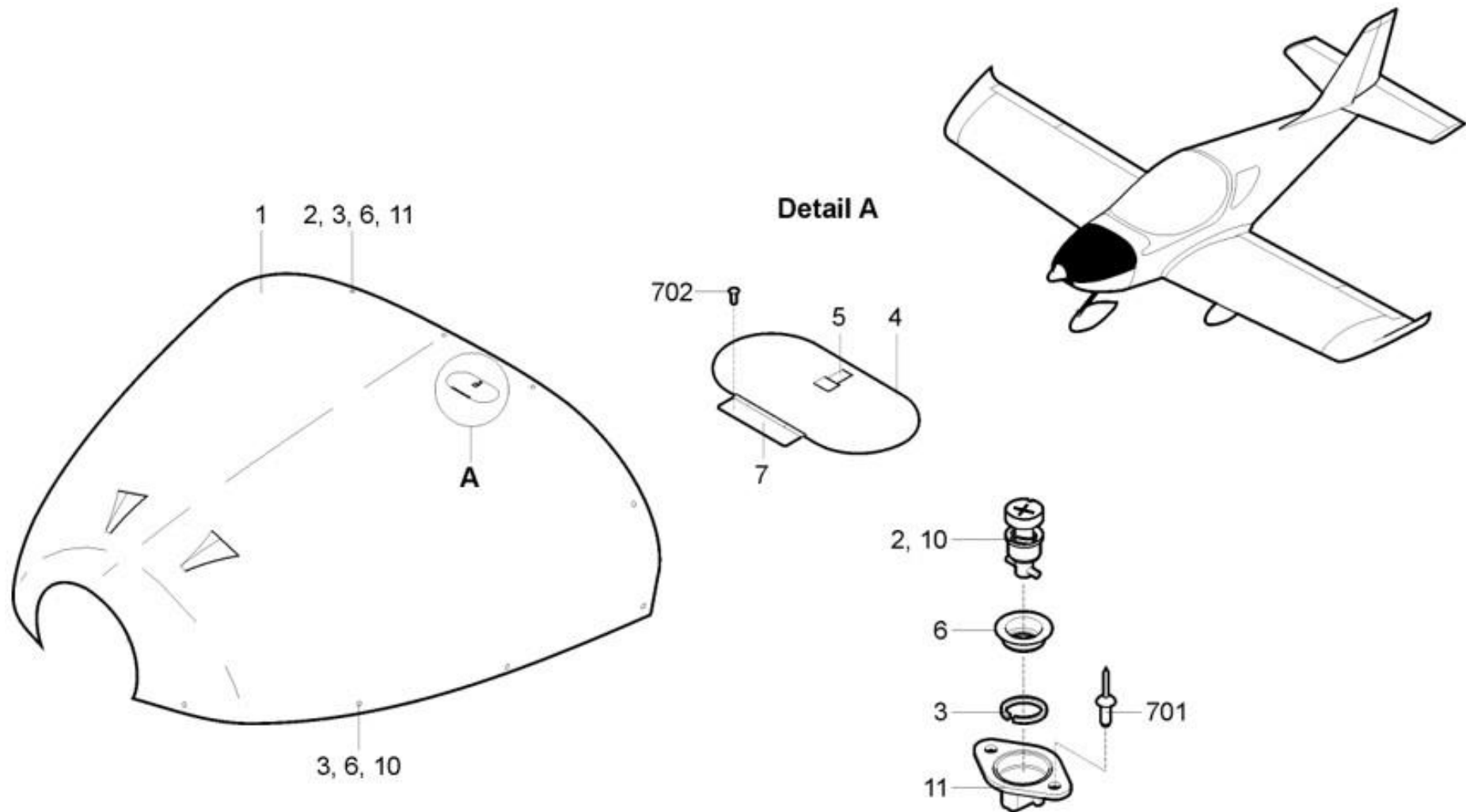


Fig. 71.10-2: SE0555N upper cowl assembled



SECTION - 71.10

COWLING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



71.10.3 SE0553N / CE0561N Lower Cowl Assembled

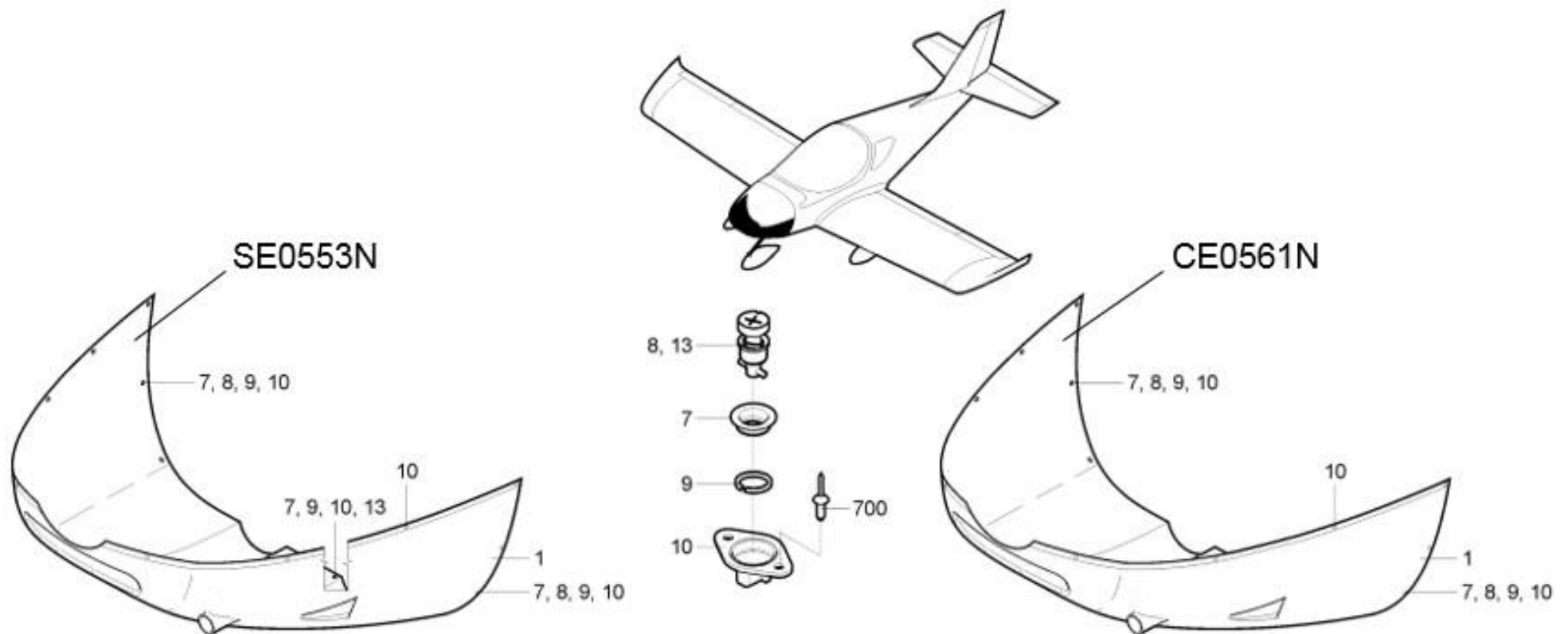
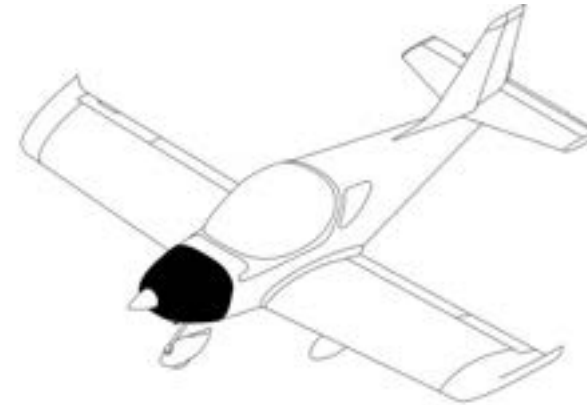
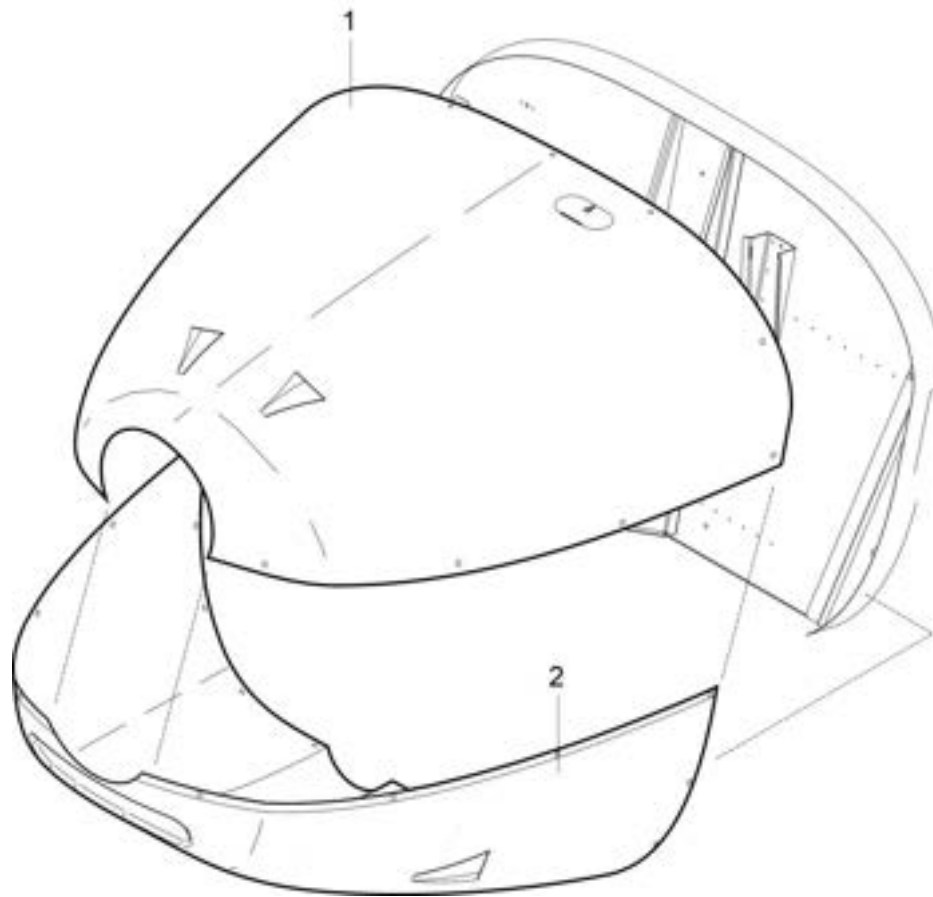


Fig. 71.10-3: SE0553N / CE0561N lower cowl assembled

[illegible]



71.10.4 SE0521N / SE0522N Engine Cowlings Installation-valid since C0655



NOTE:
Only for Rotax 912 with
generator Rotax F3A

Fig. 71.10-4: SE0521N / SE0522N engine cowlings installation-valid since C0655



SECTION - 71.10

COWLING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



71 POWER PLANT

71.20 ENGINE MOUNT

71.20	Engine Mount	71-15
71.20.1	Engine Mount Assy	71-17
71.20.2	Ballast Weight Installation-valid since P1102002	71-19
71.20.3	Ballast Weight Installation.....	71-21



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71.20.1 Engine Mount Assy

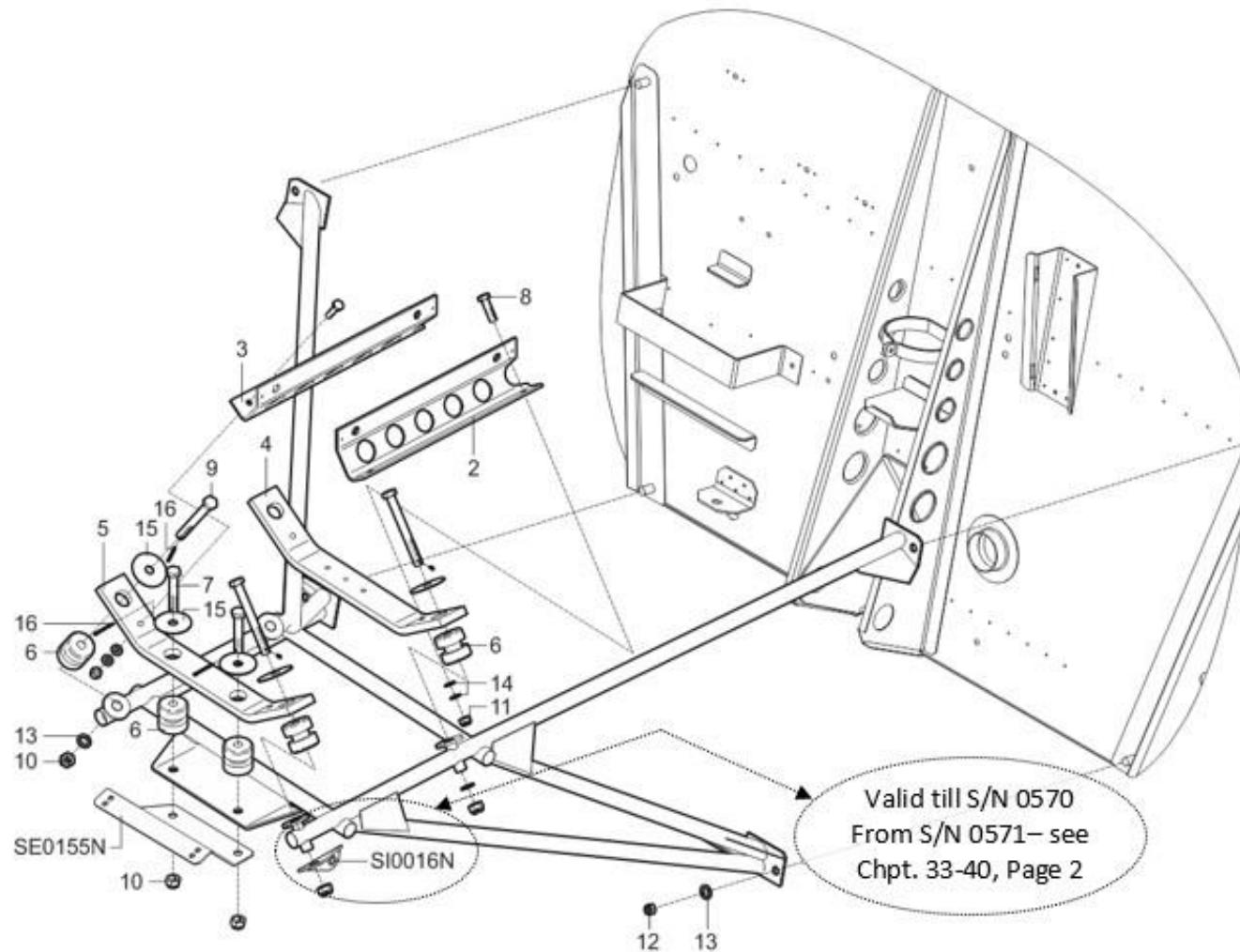


Fig. 71.20-1: Engine mount assy



SECTION - 71.20

ENGINE MOUNT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



71.20.2 Ballast Weight Installation-valid since P1102002

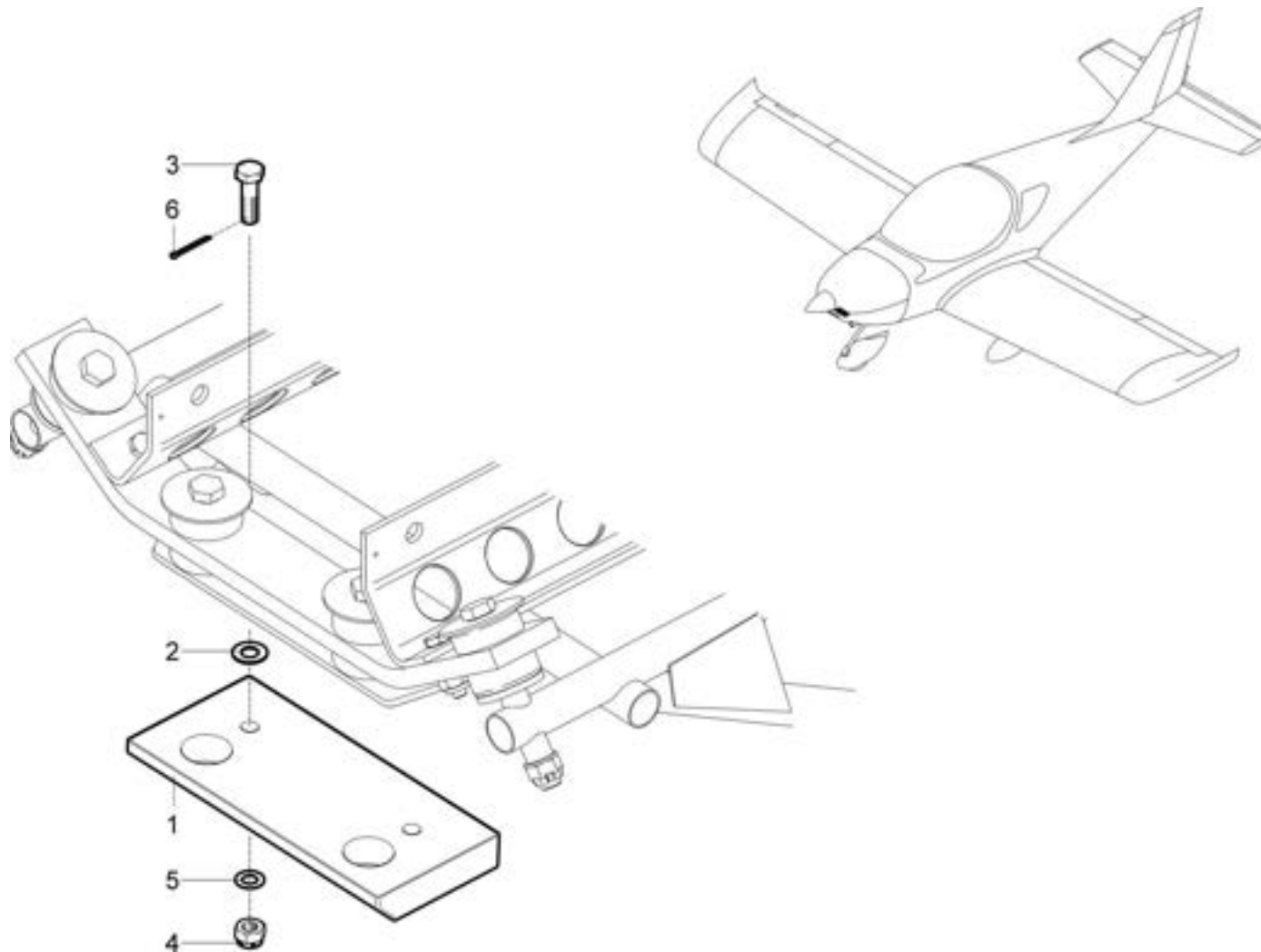


Fig. 71.20-2: Ballast weight installation-valid since P1102002



SECTION - 71.20

ENGINE MOUNT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



71.20.3 Ballast Weight Installation

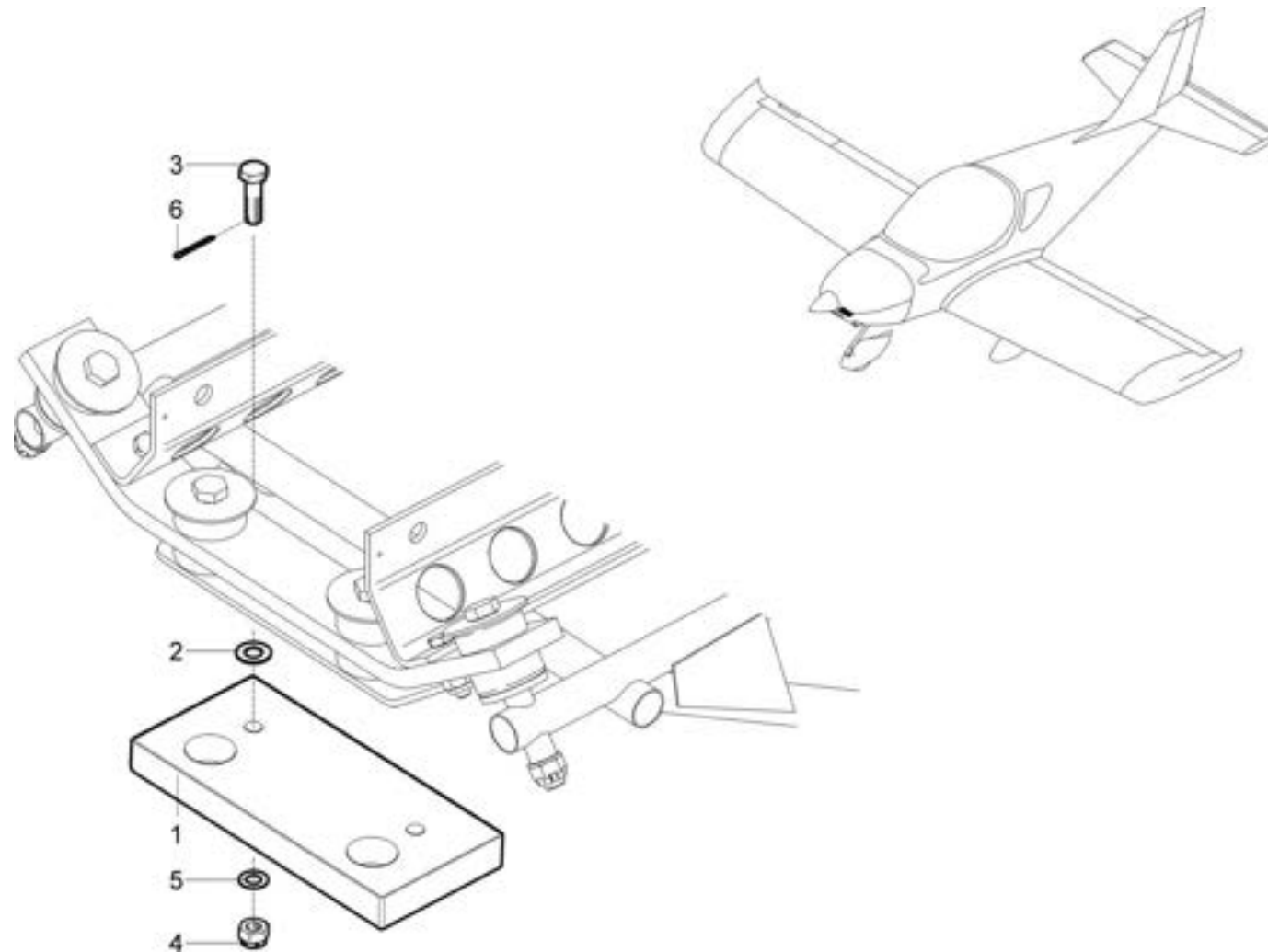


Fig. 71.20-3: Ballast weight installation



SECTION - 71.20

ENGINE MOUNT

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



71 POWER PLANT

71.60 AIR INTAKE

71.60	Air Intake	71-23
71.60.1	Air Intake	71-25
71.60.2	Airbox Assy	71-27



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71.60.1 Air Intake

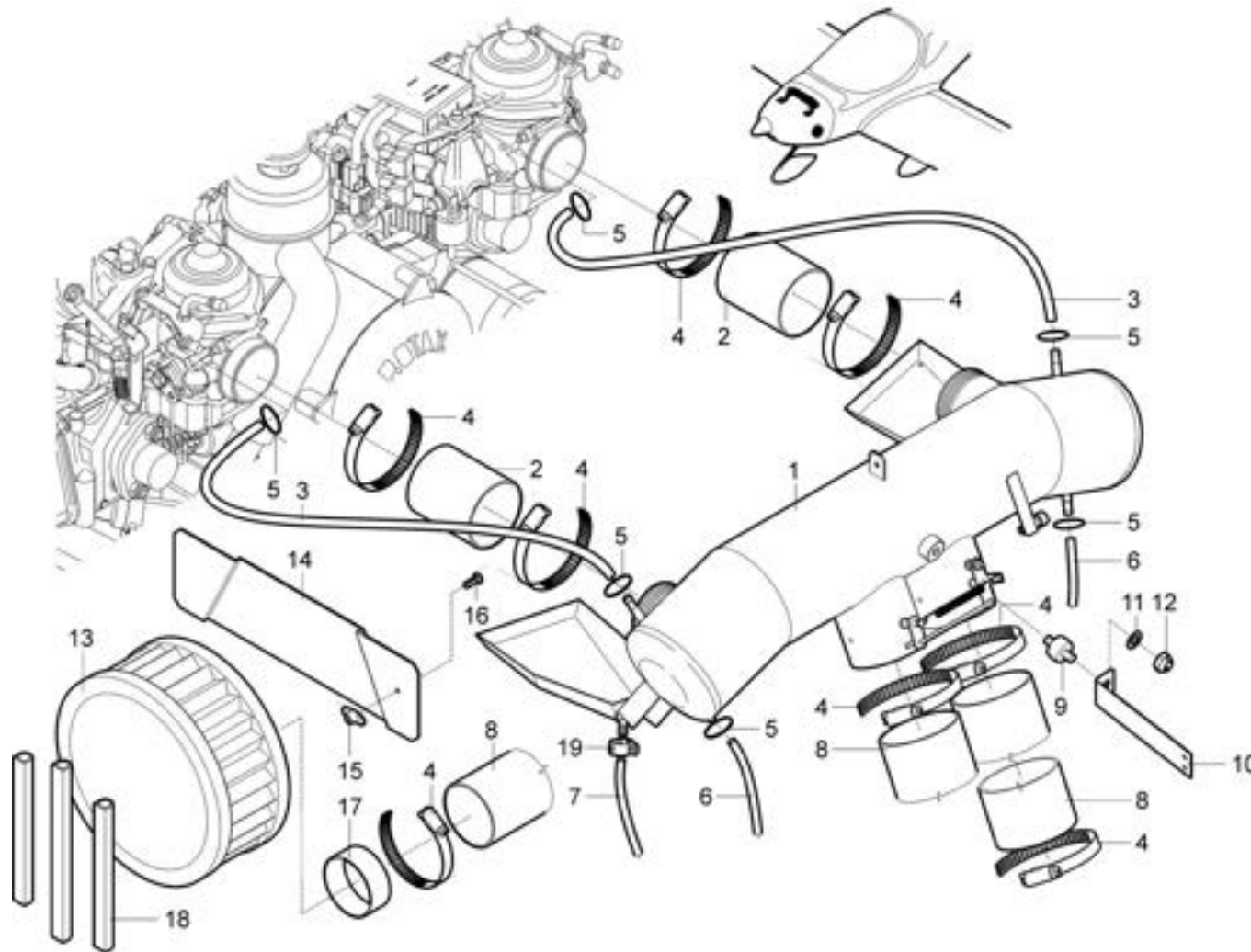


Fig. 71.60-1: Air intake

[illegible]



SECTION - 71.60
AIR INTAKE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

Airbox Assy

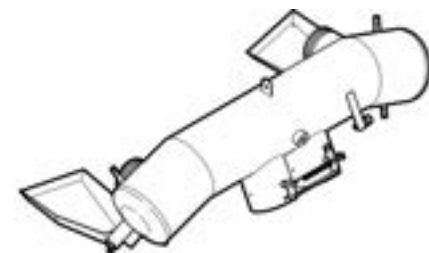


Fig. 71.60-2: Airbox assy



SECTION - 71.60

AIR INTAKE

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



71 POWER PLANT

71.70 ENGINE DRAIN

71.70	Engine Drain	71-29
71.70.1	Engine Drain	71-31



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71.70.1 Engine Drain

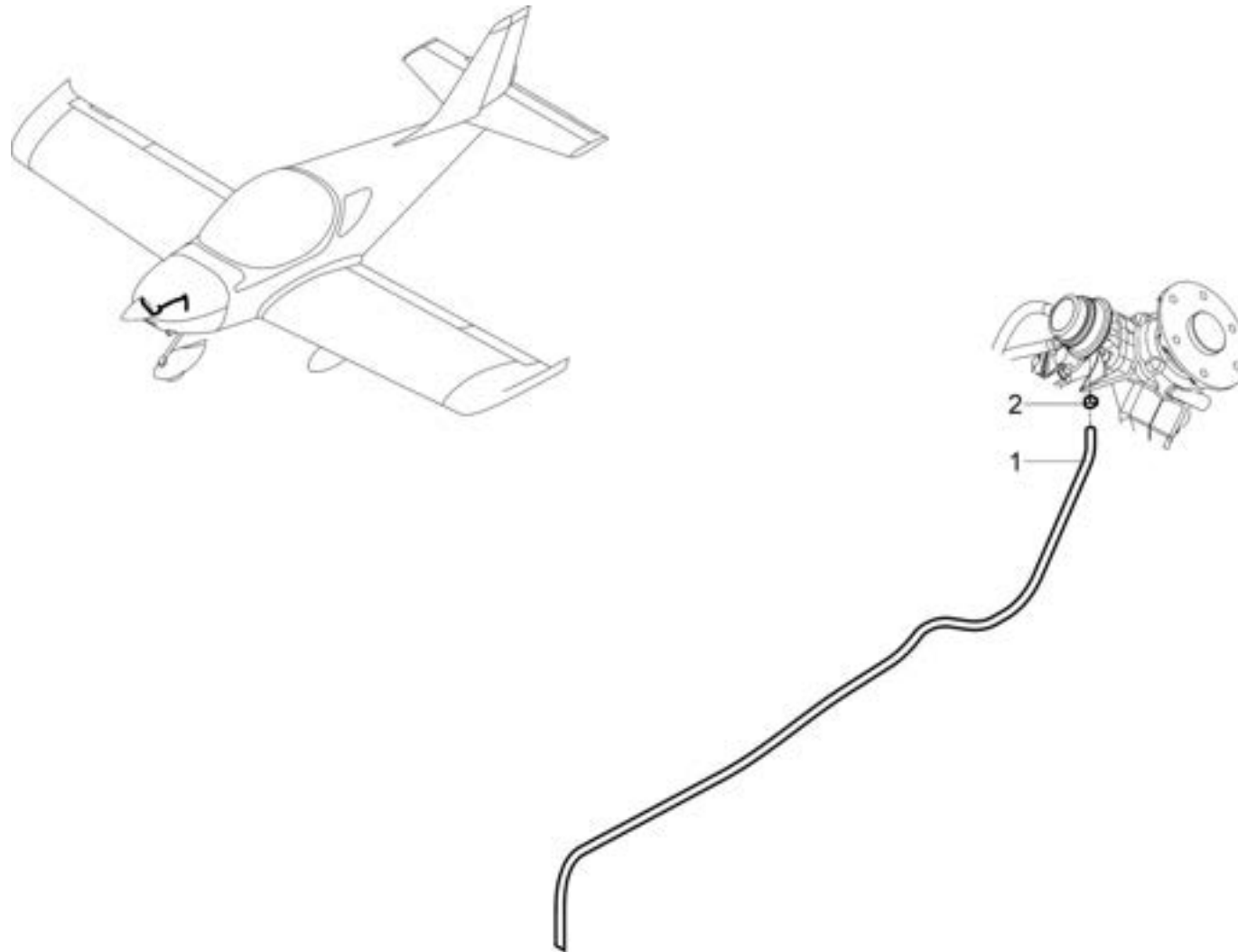


Fig. 71.70-1: Engine drain



SECTION - 71.70

ENGINE DRAIN

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



75 AIR

75.20 ENGINE COOLING

75.20	Engine Cooling.....	75-1
75.20.1	Engine Cooling	75-3
75.20.2	Engine Cooling-valid since P1102001	75-5
75.20.3	Engine Cooling with Dual Circuit Thermostat-valid since P1102001	75-7



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75.20.1 Engine Cooling

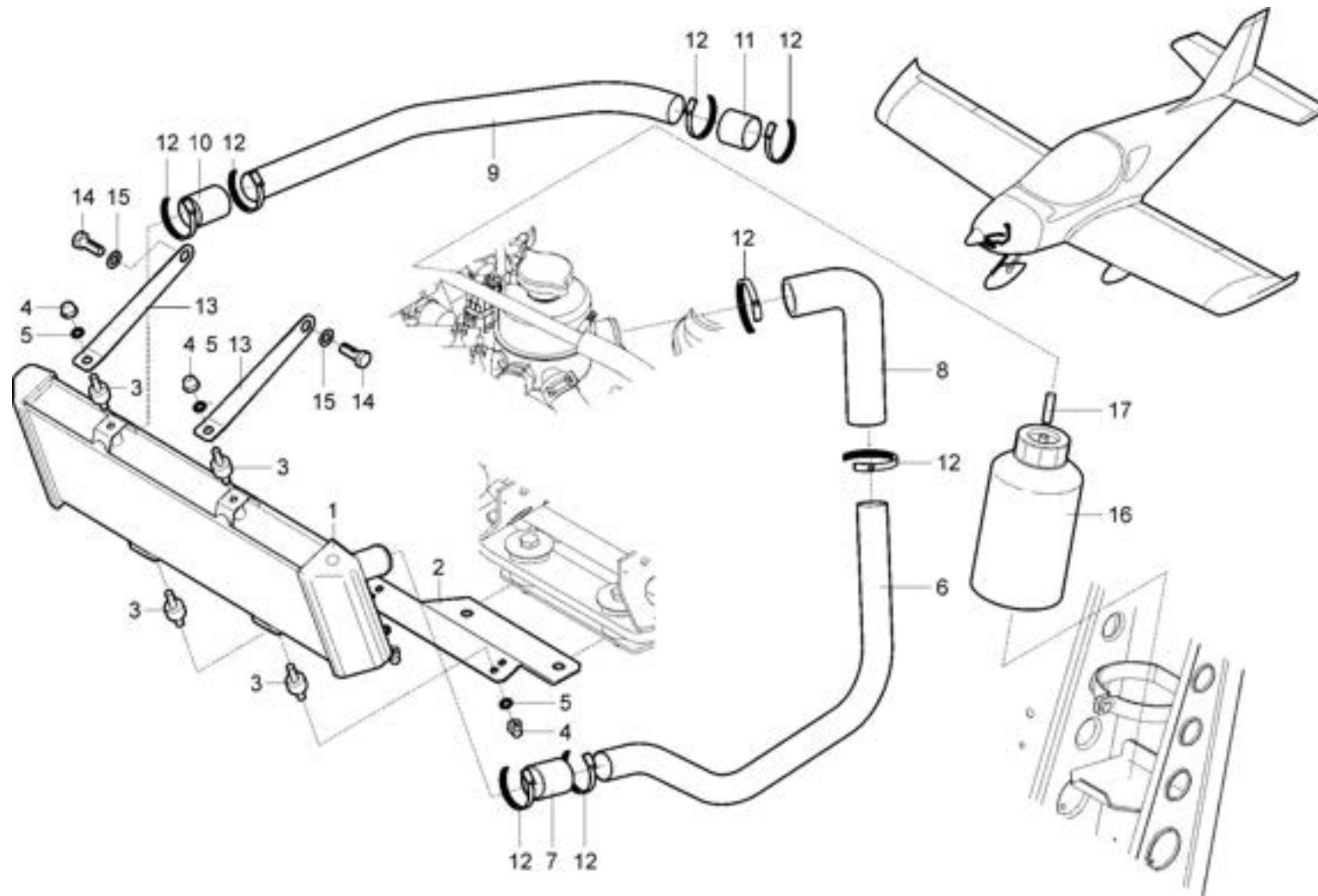


Fig. 75.20-1: Engine cooling



SECTION - 75.20

ENGINE COOLING

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



75.20.2 Engine Cooling-valid since P1102001

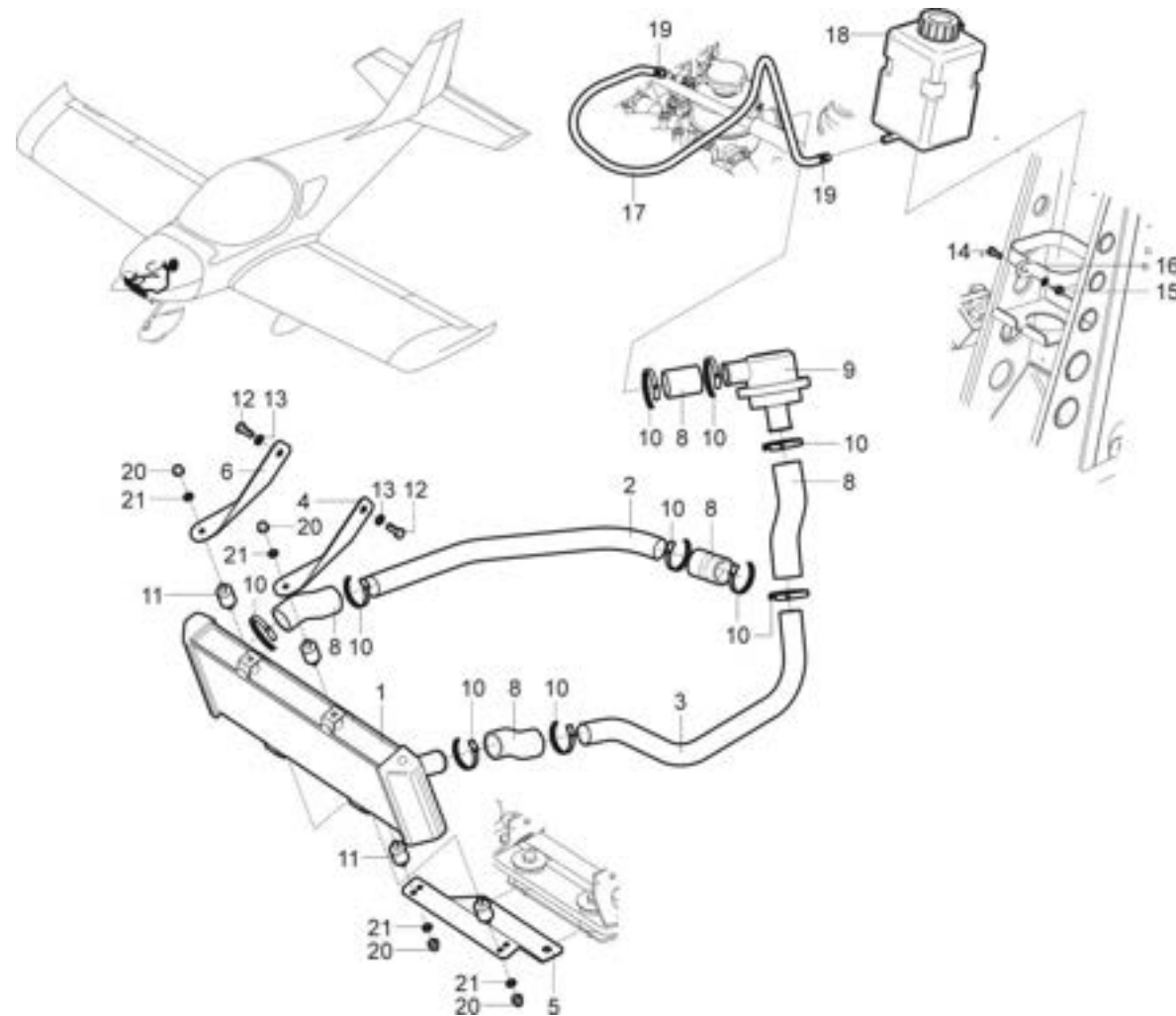


Fig. 75.20-2: Engine cooling-valid since P1102001

[illegible]



75.20.3 Engine Cooling with Dual Circuit Thermostat-valid since P1102001

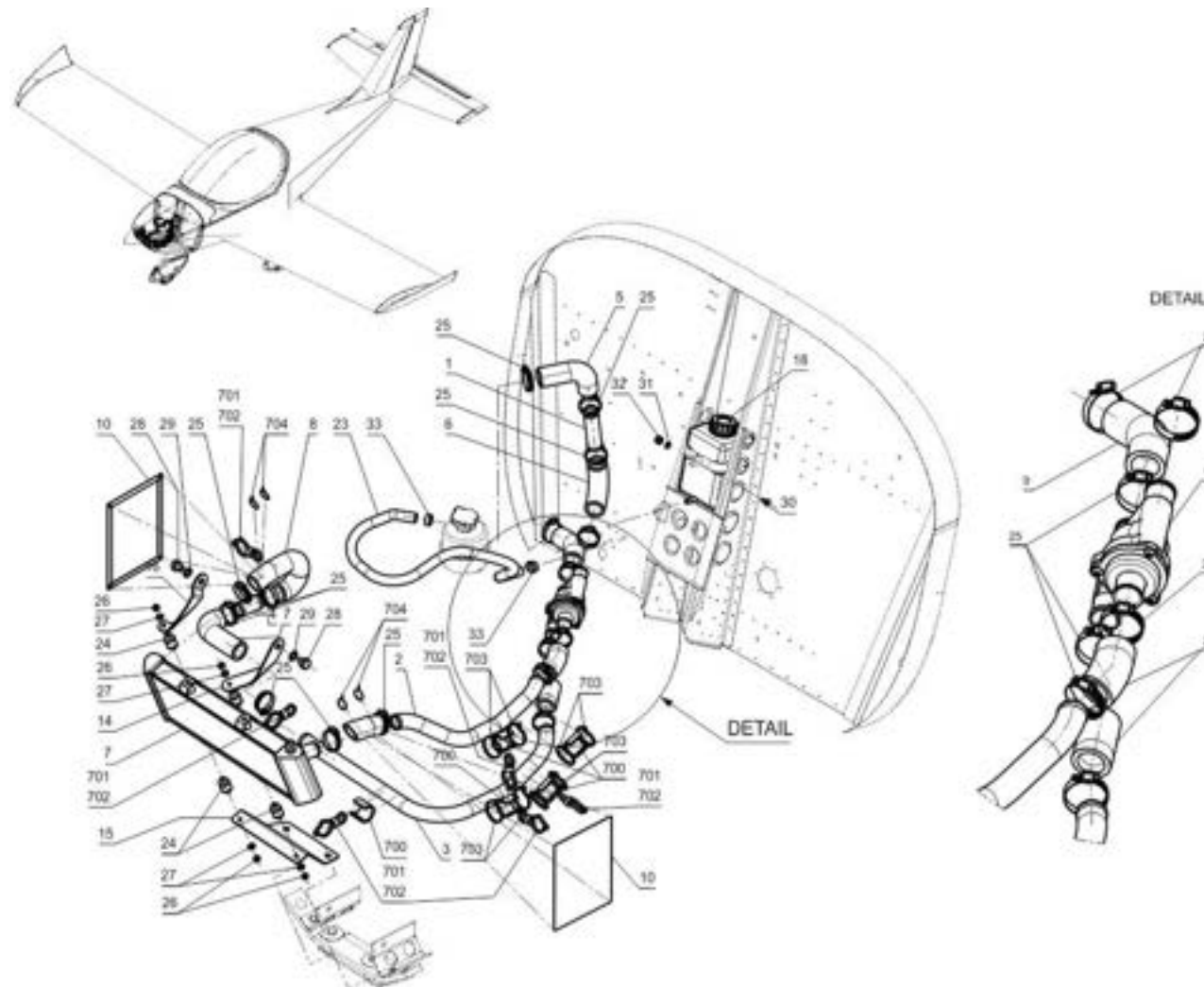


Fig. 75.20-3: Engine cooling with dual circuit thermostat-valid since P1102001



SECTION - 75.20

ENGINE COOLING

[illegible]



76 ENGINE CONTROLS

76.10 POWER CONTROL

76.10	Power Control.....	76-1
76.10.1	Power Control.....	76-3
76.10.2	Throttle Control Lever with Choke	76-5



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76.10.1 Power Control

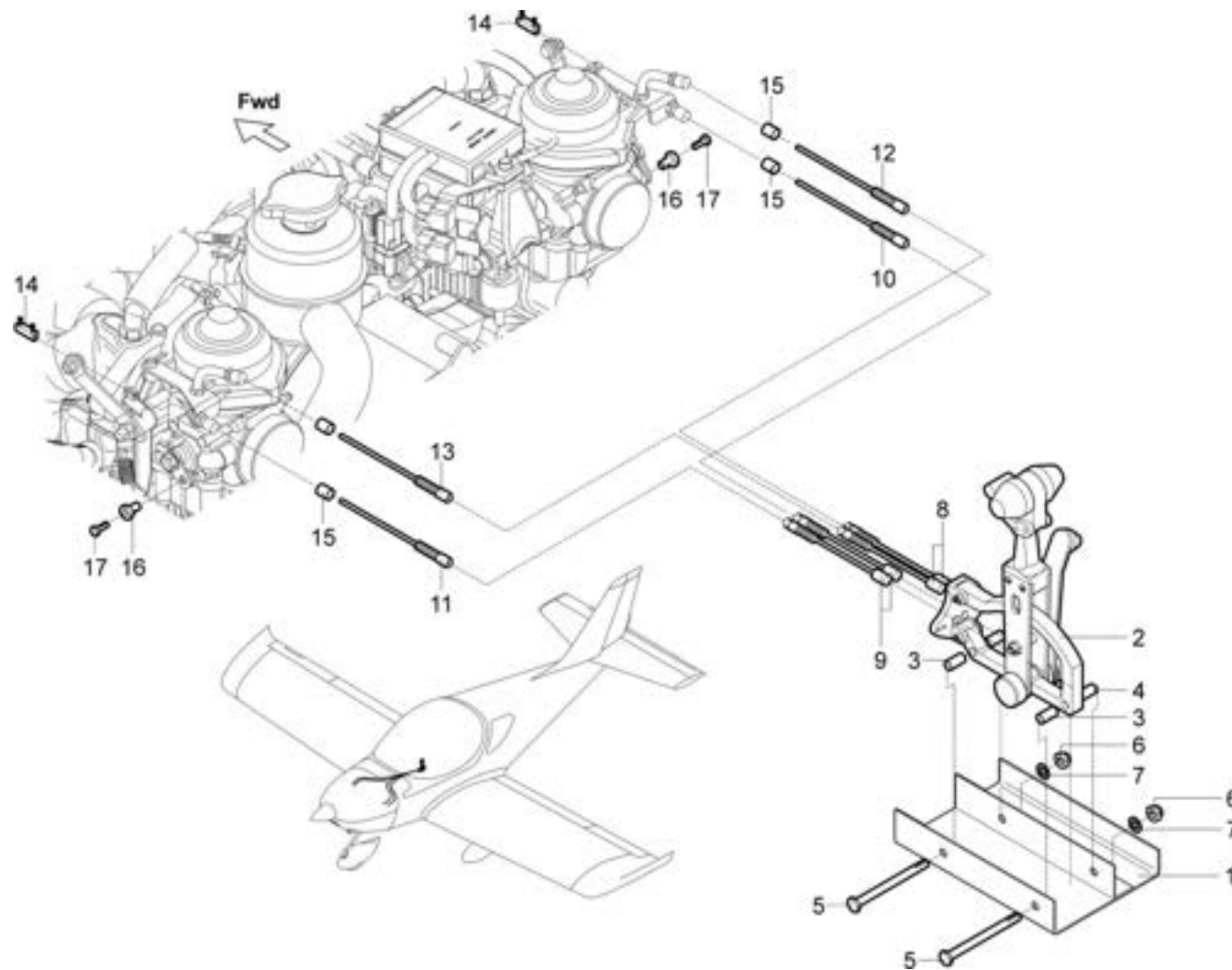


Fig. 76.10-1: Power control



PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

SECTION - 76.10
POWER CONTROL

[illegible]



76.10.2 Throttle Control Lever with Choke

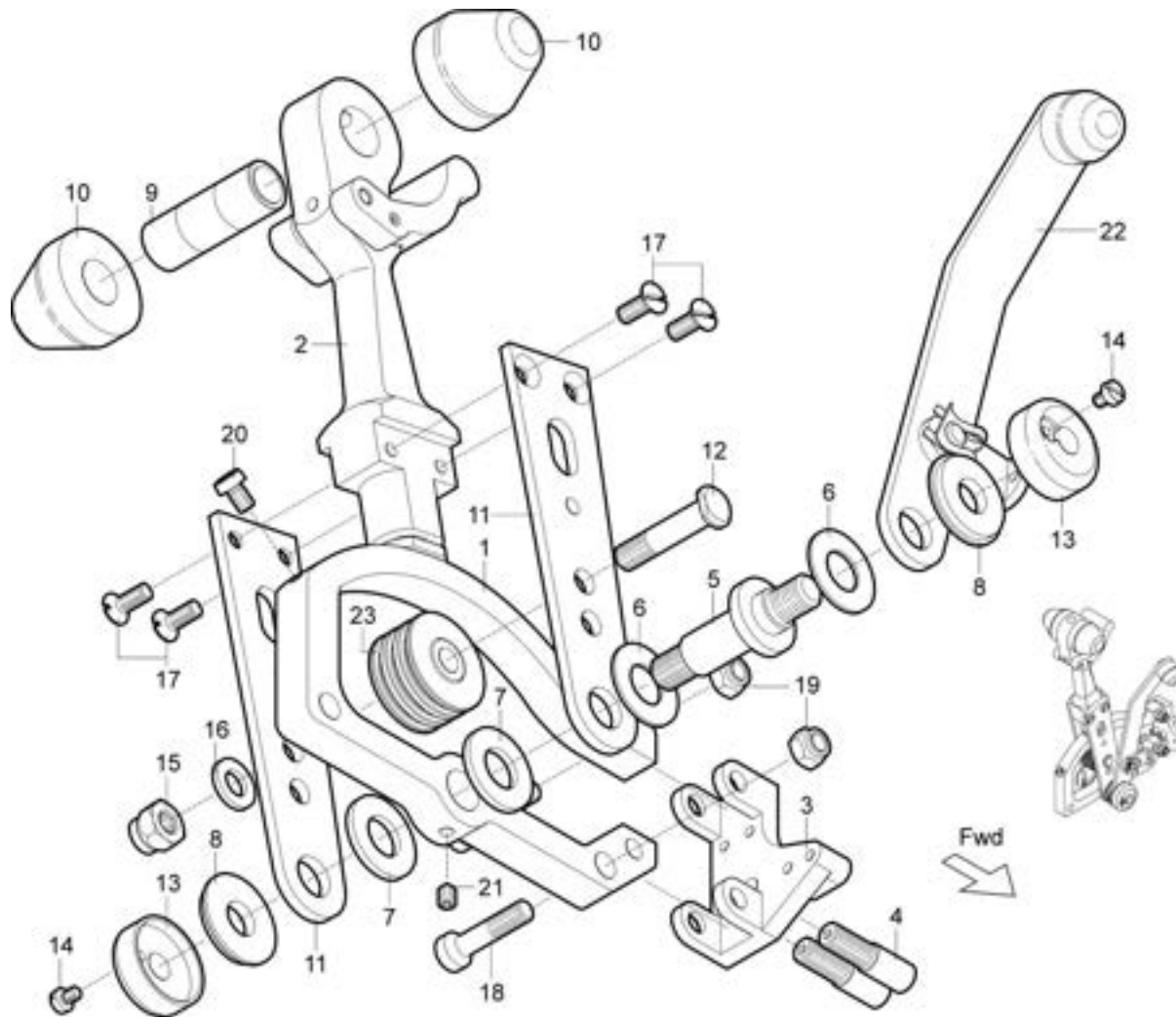


Fig. 76.10-2: Throttle control lever with choke



PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

SECTION - 76.10
POWER CONTROL

[illegible]



78 EXHAUST

78.10 EXHAUST

78.10 Exhaust 78-1

78.10.1 Exhaust 78-3



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78.10.1 Exhaust

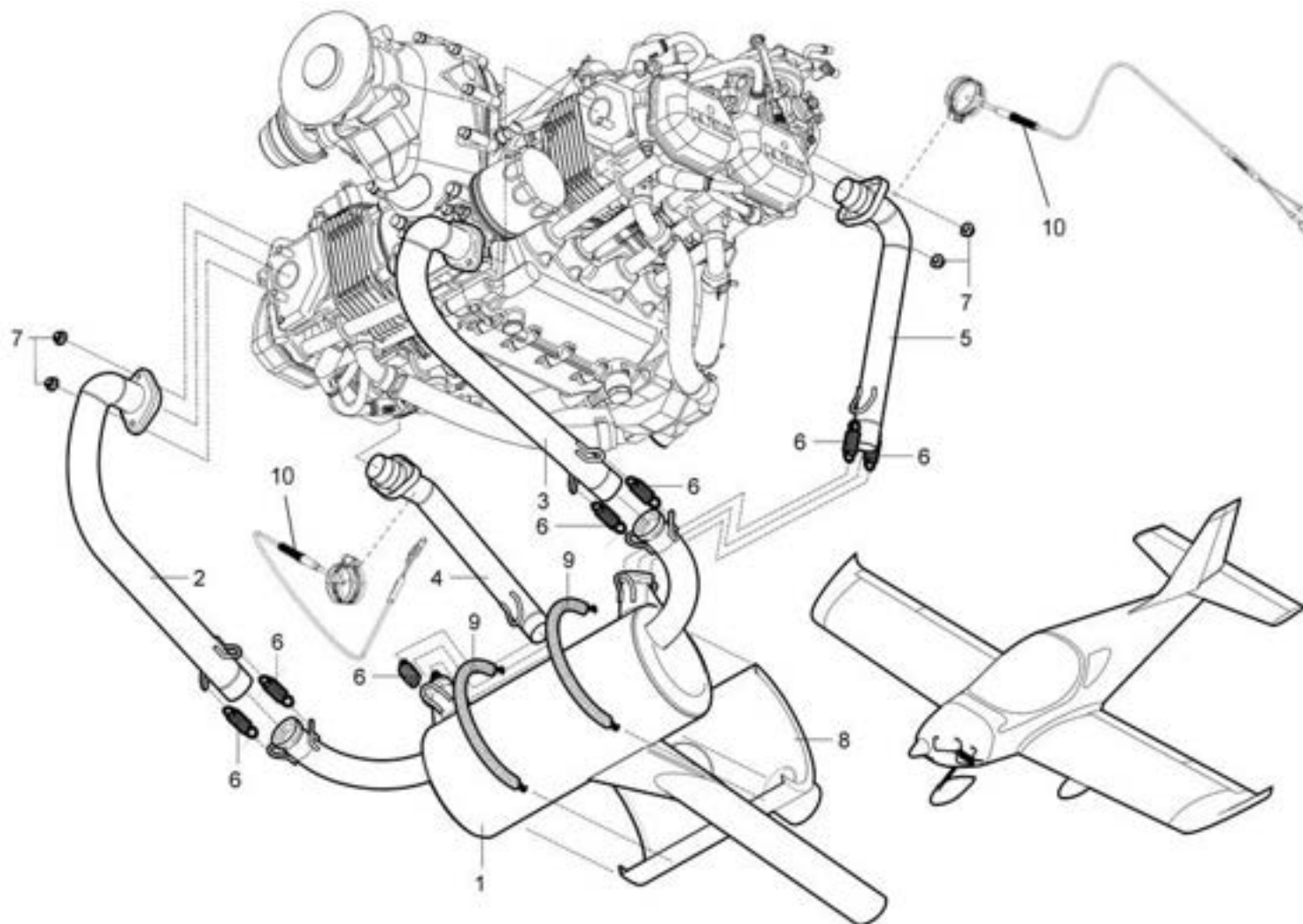


Fig. 78.10-1: Exhaust



SECTION - 78.10

EXHAUST

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



79 OIL

79.20 OIL SYSTEM

79.20	Oil System	79-1
79.20.1	Oil System	79-3
79.20.2	Oil System-valid since P1102001	79-5
79.20.3	Oil System (Rotax 912 ULS2)-valid since P1102024	79-7
79.20.1	Oil System (Rotax 912 S2)-valid since P1102024	79-9



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79.20.1 Oil System

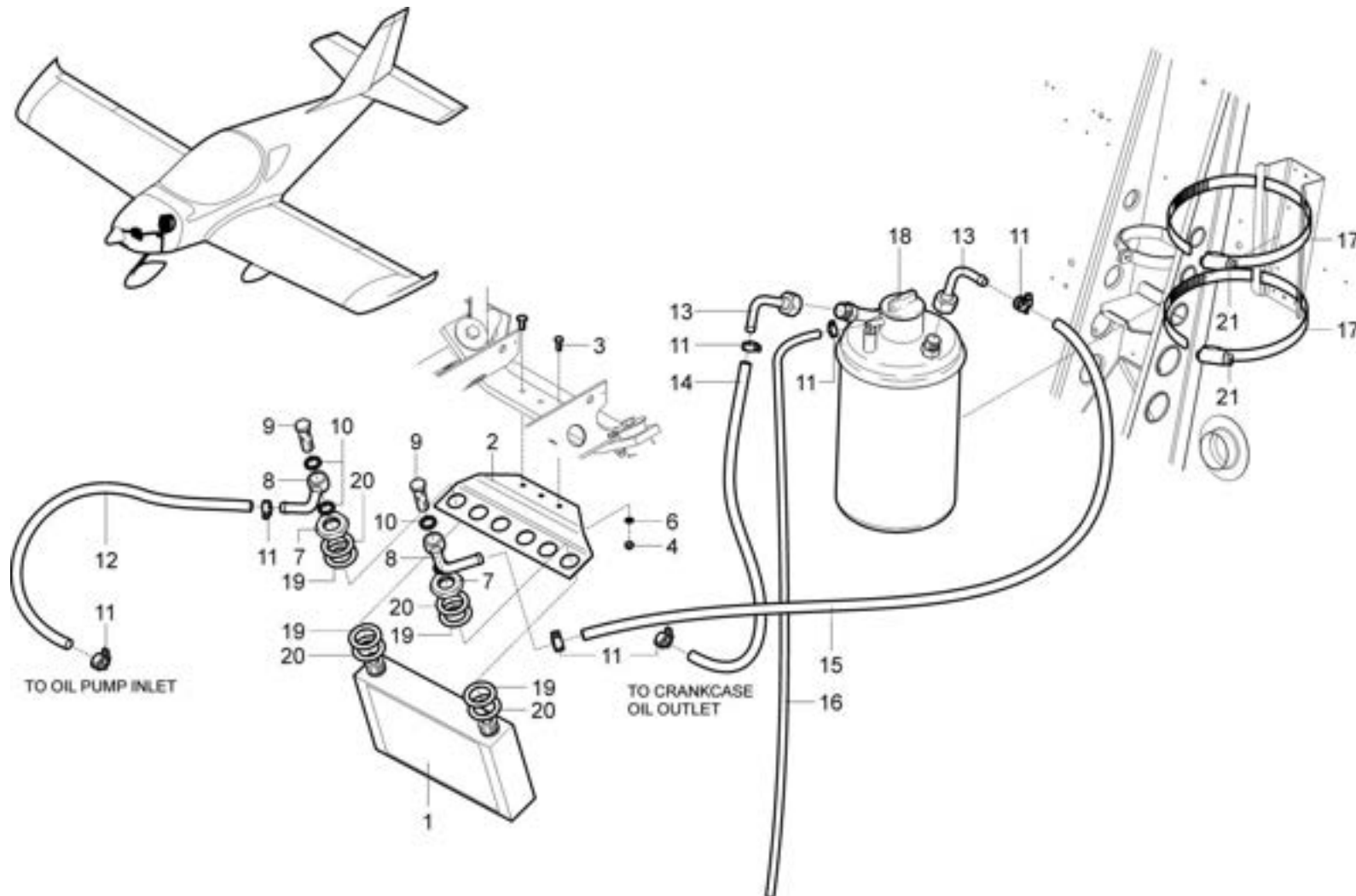


Fig. 79.20-1: Oil system

[illegible]



Oil System-valid since P1102001

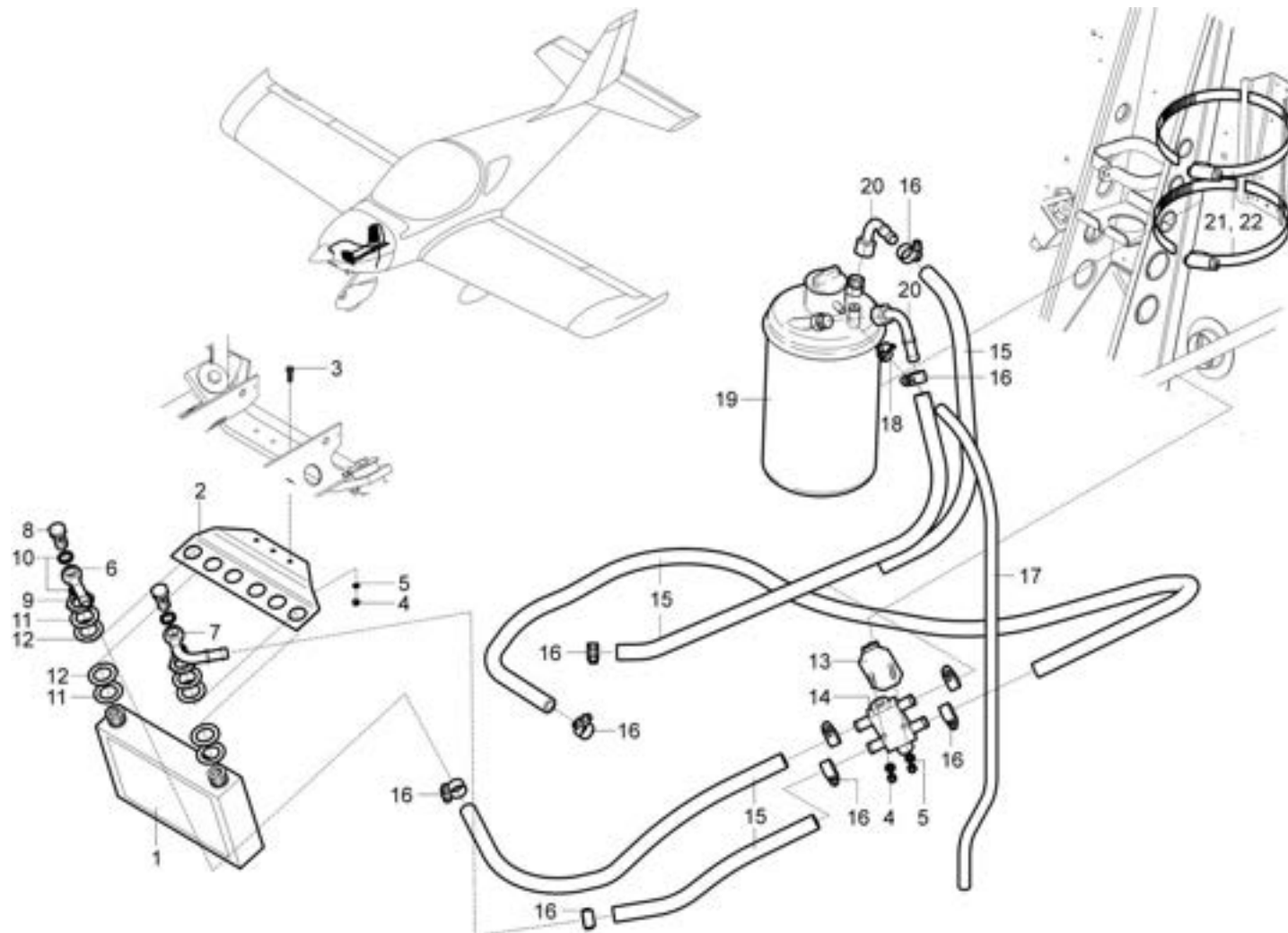


Fig. 79.20-2: Oil system-valid since P1102001



SECTION - 79.20
OIL SYSTEM

PS-28 Cruiser
PS-28N Cruiser
SportCruiser
PiperSport

[illegible]



79.20.3 Oil System (Rotax 912 ULS2)-valid since P1102024

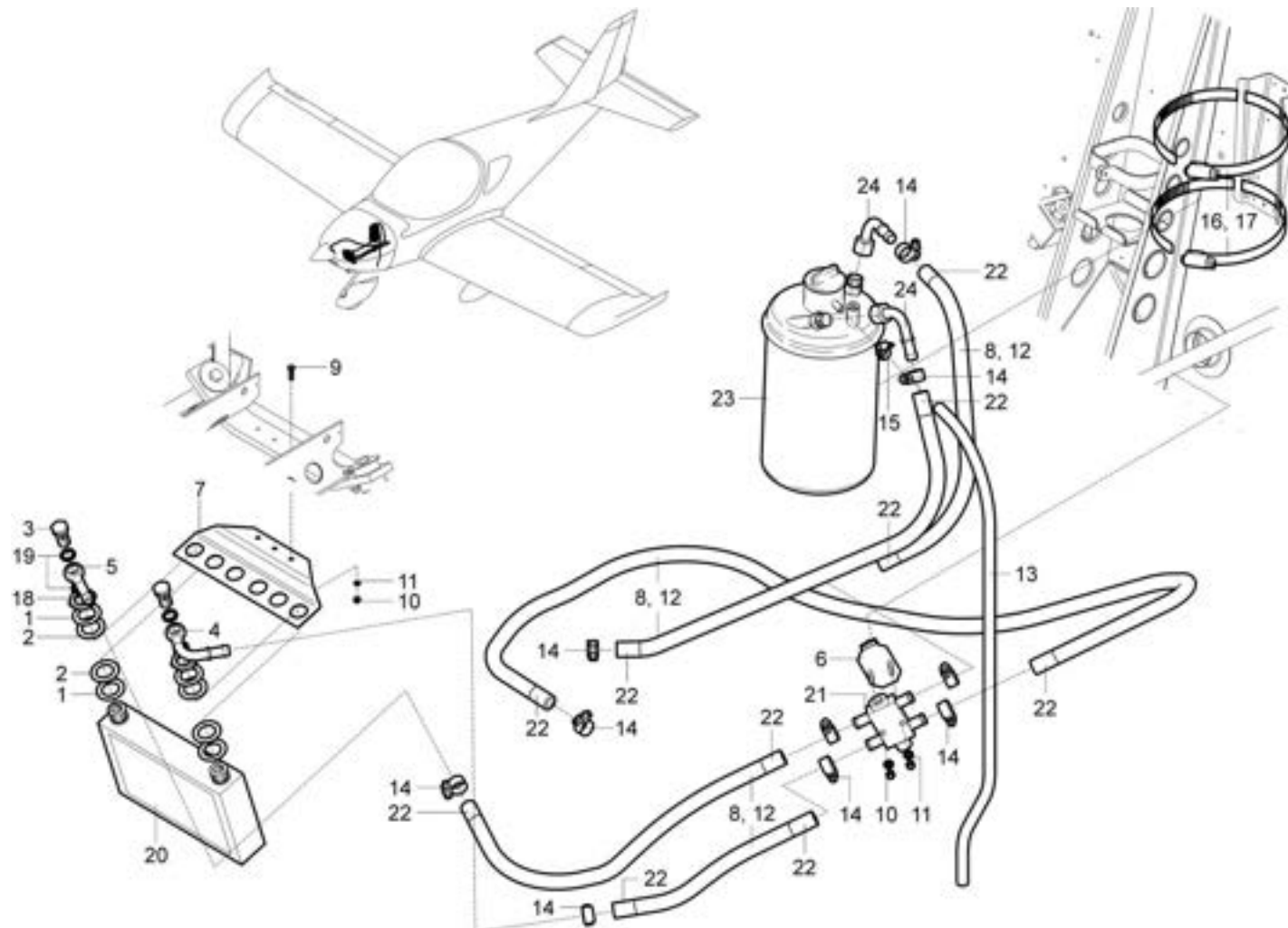


Fig. 79.20-3: Oil system (Rotax 912 ULS2)-valid since P1102024

[illegible]



79.20.4 Oil System (Rotax 912 S2)-valid since P1102024

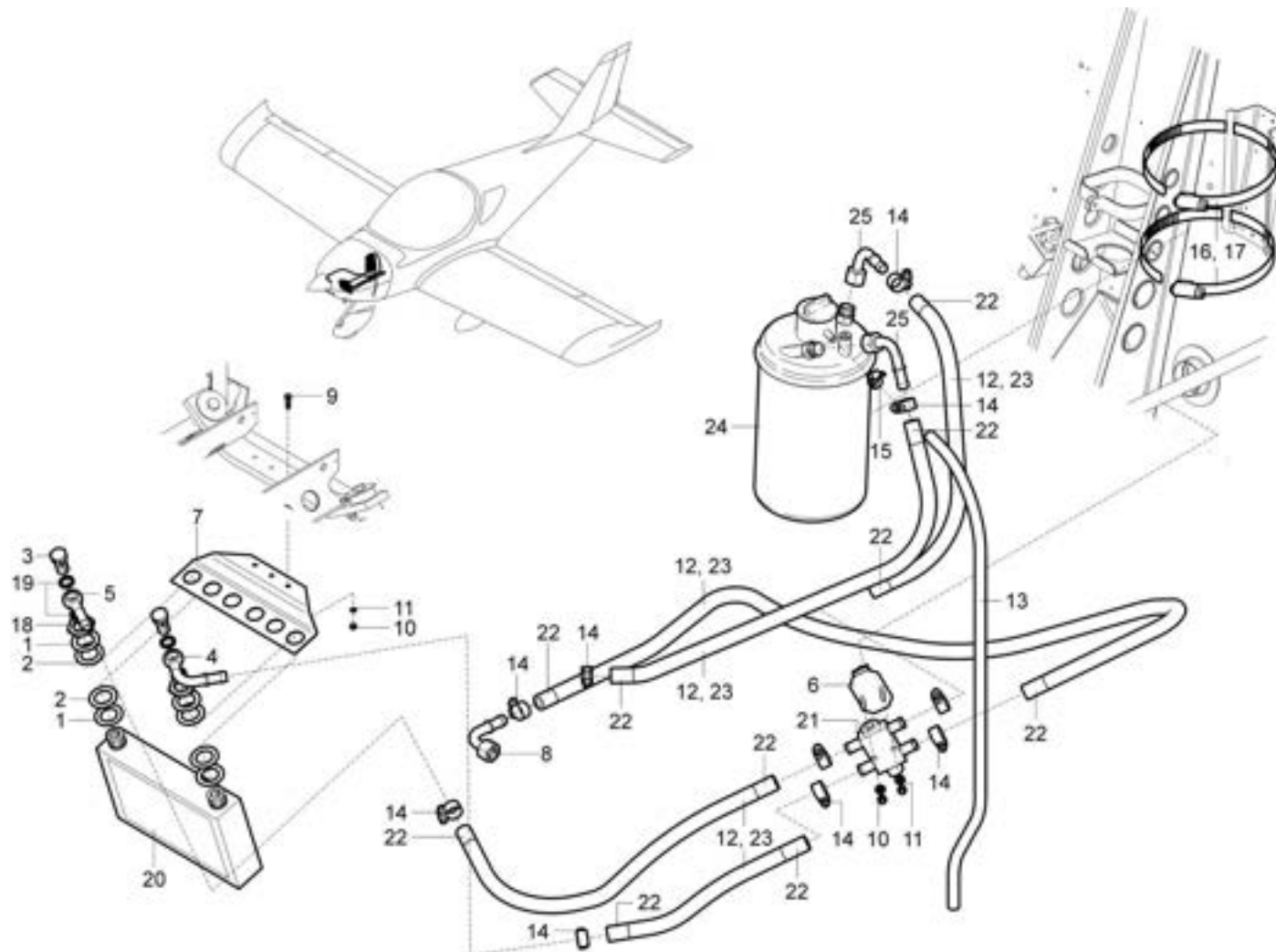


Fig. 79.20-4: Oil system (Rotax 912 S2)-valid since P1102024

[illegible]