PIPER AIRCRAFT CORPORATION

INSPECTION REPORT

THIS FORM MEETS REQUIREMENTS OF FAR PART 43 • INSPECTIONS MUST BE PERFORMED BY PERSONS AUTHORIZED BY THE FAA.

Make	Model	Serial No.	Registration No.
CHEROKEE ARROW III	PA-28R-201 PA-28R-201T		

Circle Type of Inspection (See Note 2)
50 100 500 1000 Annual

DESCRIPTION	50	100	500	1000	Inspector
A. PROPELLER GROUP					
1. Inspect spinner and back plate for cracks	O	O	O	O	
2. Inspect blades for nicks and cracks	O	O	O	O	
3. Inspect for grease and oil leaks	O	O	O	O	
4. Lubricate propeller per lubrication chart (refer to service manual, section II)	O	O	O	O	
5. Inspect complete spinner and spinner mounting bulkheads for security, chafing, cracks, deterioration, wear, and correct installation		O	O	O	
6. Inspect propeller mounting bolts and safety (check torque if safety is broken) (see note 16)		O	O	O	
7. Inspect hub parts for cracks and corrosion		O	O	O	
8. Rotate blades of propeller and check for tightness in hub pilot tube		O	O	O	
9. Remove propeller and clean sludge from propeller and crankshaft			O	O	
10. Inspect complete propeller assembly for security, chafing, cracks, deterioration, wear, and correct installation		O	O	O	
11. Overhaul propeller (see note 5)				O	
B. ENGINE GROUP (CONTINENTAL)					
WARNING: Read Note 22 before completing this inspection group.					
WARNING: Ground magneto primary circuit before working on engine.					
NOTE: Read Note 4 prior to completing this inspection group.					
1. Remove the engine cowling	O	O	O	O	
2. Clean and inspect cowling for cracks, distortion, and loose or missing fasteners		O	O	O	
3. Drain oil sump while engine is warm		O	O	O	
4. Change full flow (spin-on type) oil filter element (inspect element for foreign particles) Check oil level after installing new filter	O	O	O	O	
5. Inspect oil temperature sender unit for leaks and security		O	O	O	
6. Inspect oil lines and fittings for leaks, security, chafing, dents and cracks (see note 6)	O	O	O	O	
7. Clean and inspect oil radiator cooling fins		O	O	O	
8. Fill engine with oil per information on cowl or lubrication chart (refer to service manual, section II		O	O	O	
CAUTION DO NOT USE MULTIGRADE OIL until Hartzell Service Bulletin 142B is complied with.					
9. Clean engine	O	O	O	O	
CAUTION: Use Caution not to contaminate air pump with cleaning fluid.					
10. Inspect condition of spark plugs (Clean and adjust gap as required) (see note 8)		O	O	O	
11. Check cylinder compression (see note 12)		O	O	O	
12. Inspect ignition harness and insulators (high tension leakage and continuity) (see notes 5 and 21)	O	O	O	O	
13. Check magneto points for proper clearance (maintain clearance at 0.018 +/- 0.006) (see note 5)		O	O	O	
14. Inspect magneto for oil seal leakage		O	O	O	
15. Inspect breaker felts for proper lubrication		O	O	O	
16. Inspect distributor block for cracks, burned areas or corrosion, and height of contact springs			O	O	
17. Check magneto-to-engine timing (see note 15)		O	O	O	

Perform all inspections or operations at each of the inspection intervals as indicated by a circle (O).

DESCRIPTION	50	100	500	1000	Inspector
18. Overhaul or replace magnetos (see note 5)				O	
19. Remove induction air filter and tap gently to remove dirt particles (replace as required)	O	O	O	O	
20. Clean injector nozzles as required (clean with acetone only)	O	O	O	O	
21. Inspect induction airbox valve and check for excessive wear or cracks; replace defective parts		O	O	O	
22. Inspect fuel injector attachments for loose hardware		O	O	O	
23. Inspect intake seals for leaks and clamps for tightness		O	O	O	
24. Inspect all air inlet duct hoses (replace as required)		O	O	O	
25. Inspect condition of flexible fuel lines		O	O	O	
26. Replace flexible fuel lines (See Note 6)				O	
27. Clean gascolator bowl and screen	O	O	O	O	
28. Inspect fuel system for leaks		O	O	O	
29. Inspect condition and operation of fuel pumps (engine-driven and electric)		O	O	O	
30. Overhaul or replace engine-driven fuel pumps (see note 5)				O	
31. Overhaul or replace electric fuel pump as required					
32. Inspect pressure pump and lines		O	O	O	
33. Overhaul or replace pressure pump (see note 5)				O	
34. Inspect throttle, alternate air, mixture, and propeller governor controls for security, travel, and operating condition		O	O	O	
35. Inspect exhaust stacks, connections, and gaskets (replace gaskets as required)	O	O	O	O	
36. Inspect breather tubes for obstructions and security		O	O	O	
37. Inspect crankcase for cracks, leaks, and security of seam bolts		O	O	O	
38. Inspect engine mounts for cracks and loose mountings		O	O	O	
39. Inspect rubber engine mount bushings for deterioration (replace as required)		O	O	O	
40. Inspect all engine baffles and seals		O	O	O	
41. Inspect fire wall seals		O	O	O	
42. Inspect condition of alternator and starter		O	O	O	
43. Inspect all lines, air ducts, electrical leads, and engine attachments for security, proper routing, chafing, cracks, deterioration and correct installation **(see latest Piper Service Bulletin 561)**	O	O	O	O	
44. Check air conditioning compressor oil level (see note 13)					
45. Inspect condition and tension of compressor drive belt (refer to service manual, section XIV)		O	O	O	
46. Inspect security of compressor mounting		O	O	O	
47. Inspect compressor clutch security and condition of wiring		O	O	O	
48. Check fluid in brake reservoir (fill as required)	O	O	O	O	
49. Overhaul or replace propeller governor (refer to latest revision of Hartzell Service Letter 61)				O	
50. Complete overhaul of engine or replace with factory rebuilt **(see note 5)**					

Owner

Circle Type of Inspection (See Note 2)
50 100 500 1000 Annual

DESCRIPTION	50	100	500	1000	Inspector
C. TURBOCHARGER GROUP (CONTINENTAL)					
1. Inspect all oil inlet ducting and compressor discharge ducting for worn spots, loose clamps, or leaks	O	O	O	O	
2. Inspect engine air inlet assembly for cracks, loose clamps, and screws	O	O	O	O	
3. Inspect exhaust ducting and exhaust stacks for signs of leaks or cracks. Check all clamps for tightness	O	O	O	O	
4. Inspect exhaust heat exchanger		O	O	O	
5. Carefully inspect all turbo support brackets, struts, etc, for breakage, sagging, or wear	O	O	O	O	
6. Inspect all oil lines and fittings for wear, leakage, heat damage, or fatigue	O	O	O	O	
7. Inspect bypass valve for security and safety	O	O	O	O	
8. Run up engines, check all instruments for smooth, steady response	O	O	O	O	
9. Remove all turbocharger components from the engine. Inspect and repair or replace as necessary. Inspect turbocharger rotor for excessive play, carbon and dirt deposits. (Refer to troubleshooting chart in section VIII of the service manual for rotor play limits) Remove turbine and compressor housings. Inspect turbine wheel and impeller for physical damage and excessive build up of deposits. If excessive, replace turbocharger assembly				O	
D. ENGINE GROUP (LYCOMING)					
WARNING: Ground magneto primary circuit before working on engine.					
NOTE: Read Note 3 prior to completing this inspection group.					
1. Remove engine cowl and inspect for damage	O	O	O	O	
2. Clean and inspect cowling for cracks, distortion, and loose or missing fasteners		O	O	O	
3. Drain oil sump while engine is warm		O	O	O	
4. Clean oil suction and oil pressure strainers at oil change (inspect strainers for foreign particles)		O	O	O	
5. Change full flow (cartridge type) oil filter element (inspect element for foreign particles)	O	O	O	O	
6. Inspect oil temperature sender unit for leaks and security		O	O	O	
7. Inspect oil lines and fittings for leaks, security, chafing, dents, and cracks (see note 6)	O	O	O	O	
8. Clean and inspect oil radiator cooling fins		O	O	O	
9. Remove and flush oil radiator			O	O	
10. Fill engine with oil per lubrication chart in service manual, section II		O	O	O	
11. Clean engine		O	O	O	
CAUTION: Do not contaminate the vacuum pump with cleaning fluid. (Refer to latest revision of Lycoming Service Instruction 1221)					
12. Inspect condition of spark plugs (clean and adjust gap as required, adjust per latest revision of Lycoming Service Instruction 1042)		O	O	O	
NOTE: If fouling of spark plugs is apparent, rotate bottom plugs to upper plugs, and vice versa.					
13. Inspect spark plug cable leads and ceramics for corrosion and deposits	O	O	O	O	
14. Check cylinder compression (refer to latest revision of Lycoming Service Instruction 1191)		O	O	O	
15. Inspect cylinders for cracked or broken fins (see note 10)		O	O	O	
16. Inspect rocker box covers for evidence of oil leaks. If found, replace gasket; torque cover screws 50 inch-pounds (see note 9)	O	O	O	O	
NOTE: Lycoming requires a valve inspection be made after every 400 hours of engine operation. (See note 9.)					
17. Inspect ignition harness and insulators (high tension leakage and continuity)		O	O	O	

Perform all inspections or operations at each of the inspection intervals as indicated by a circle (O).

DESCRIPTION	50	100	500	1000	Inspector
18. Inspect magneto points for condition and proper clearance (refer to service manual, section VIIIA)		O	O	O	
19. Inspect magneto for oil leakage		O	O	O	
20. Inspect breaker felts for proper lubrication		O	O	O	
21. Inspect distributor block for cracks, burned areas, or corrosion and height of contact springs				O	
22. Check magnetos to engine timing		O	O	O	
23. Overhaul or replace magnetos (see note 5)				O	
24. Remove air filter and tap gently to remove dirt particles (replace as required)	O	O	O	O	
25. Clean fuel injector inlet line screen (clean injector nozzles as required) (clean with acetone only)	O	O	O	O	
26. Inspect condition of injector, alternate air door and box (see note 7)	O	O	O	O	
27. Inspect vent lines for evidence of fuel or oil seepage	O	O	O	O	
28. Inspect intake seals for leaks and clamps for tightness	O	O	O	O	
29. Inspect all air inlet duct hoses (replace as required)	O	O	O	O	
30. Inspect condition of flexible fuel lines		O	O	O	
31. Replace flexible fuel lines (see note 5)				O	
32. Clean gascolator bowl and screens	O	O	O	O	
33. Inspect fuel system for leaks	O	O	O	O	
34. Inspect fuel pumps for operation (engine driven and electric)		O	O	O	
35. Overhaul or replace fuel pumps (engine driven and electric) (see note 5)				O	
36. Check vacuum pump and lines		O	O	O	
37. Overhaul or replace vacuum pump (see note 5)				O	
38. Inspect throttle, alternate air, mixture, propeller, and governor controls for travel and operating condition		O	O	O	
39. Inspect exhaust stacks, connections, and gaskets (replace gaskets as required)		O	O	O	
40. Inspect muffler, heat exchange, and baffles (Refer to latest revision of Piper S/B 691)		O	O	O	
41. Inspect breather tube for obstructions and security		O	O	O	
42. Inspect crankcase for cracks, leaks, and security of seam bolts		O	O	O	
43. Inspect engine mounts for cracks and loose mountings		O	O	O	
44. Inspect all engine baffles		O	O	O	
45. Inspect all wiring connected to the engine or accessories		O	O	O	
46. Inspect rubber engine mount bushings for deterioration (replace as required)		O	O	O	
47. Inspect fire wall seals		O	O	O	
48. Inspect condition and tension of alternator drive belt (refer to service manual, section XI; XIV if air conditioning installed)		O	O	O	
49. Alternator idler pulley (if installed); remove front grease seal and add grease. (refer to lubrication chart in service manual, section II)		O	O	O	
50. Inspect condition of alternator and starter		O	O	O	
51. Inspect security of alternator mounting		O	O	O	
52. Check air conditioning compressor oil level (see note 13)		O	O	O	
53. Inspect condition of compressor belt and tension (refer to service manual, section XIV)		O	O	O	
54. Inspect compressor clutch security and wiring		O	O	O	
55. Inspect security of compressor mounting		O	O	O	
56. Check fluid in brake reservoir (Fill as required)	O	O	O	O	
57. Lubricate all controls per lubrication chart in service manual, section II		O	O	O	
58. Overhaul or replace propeller governor (see note 5)					
59. Complete overhaul of engine or replace with factory rebuilt (see note 5)					
60. Install engine cowl	O	O	O	O	

Circle Type of Inspection (See Note 2)
50 100 500 1000 Annual

DESCRIPTION	50	100	500	1000	Inspector
E. CABIN GROUP					
1. Inspect cabin entrance door and windows for damage, operation, and security	O	O	O	O	
2. Inspect upholstery for tears		O	O	O	
3. Inspect seats, seat belts, security brackets, and bolts		O	O	O	
4. Inspect trim operation		O	O	O	
5. Inspect rudder pedals		O	O	O	
6. Inspect parking brake and brake handle for operation and cylinder leaks		O	O	O	
7. Inspect control wheels, column, pulleys, and cables		O	O	O	
8. Inspect flap control cable attachment bolt			O	O	
9. Check landing, navigation, cabin, and instrument lights	O	O	O	O	
10. Inspect instruments, lines, and attachments		O	O	O	
11. Inspect gyro-operated instruments and electric turn and bank (overhaul or replace as required)		O	O	O	
12. Replace instrument air, central air filter		O	O	O	
13. Inspect or replace vacuum regulator filter		O	O	O	
14. Check altimeter (calibrate altimeter system in accordance with FAR 91.170, if appropriate) (see note 11)		O	O	O	
15. Inspect operation of fuel selector valve		O	O	O	
16. Inspect condition of heater controls and ducts		O	O	O	
17. Inspect condition and operation of air vents		O	O	O	
18. Inspect condition of air conditioning ducts		O	O	O	
19. Remove and clean air conditioning evaporator filter		O	O	O	
F. FUSELAGE AND EMPENNAGE GROUP					
1. Remove inspection plates and panels		O	O	O	
2. Inspect baggage door, latch, and hinges for condition, operation, and security		O	O	O	
3. Inspect battery, box, and cables (Inspect at least every 30 days. Flush box as required and fill battery per instructions on box)	O	O	O	O	
4. Inspect electronic installations		O	O	O	
5. Inspect bulkheads and stringers for damage		O	O	O	
6. Inspect antenna mounts and electric wiring for security and corrosion in plugs		O	O	O	
7. Inspect hydraulic pump motor brushes (refer to note 19)		O	O	O	
8. Check hydraulic pump fluid lever (fill as required	O	O	O	O	
9. Inspect hydraulic pump lines for damage and leaks		O	O	O	
10. Inspect for obstructions and contamination in inlet of backup landing gear extender actuator inlet head	O	O	O	O	
11. Inspect air conditioning system for Freon leaks		O	O	O	
12. Check Freon level in sight gauge of receiver-dehydrator (refer to service manual, section XIV)	O	O	O	O	
13. Inspect air conditioner condenser air scoop rigging	O	O	O	O	
14. Inspect fuel lines, valves, sender units, and gauges for damage and operation		O	O	O	
15. Inspect security of all lines		O	O	O	
16. Inspect vertical fin and rudder surfaces for damage		O	O	O	
17. Inspect rudder hinges, horn, and attachments for damage and operation		O	O	O	
18. Inspect vertical fin attachments		O	O	O	
19. Inspect rudder hinge bolts for excess wear (replace as required)		O	O	O	
20. Inspect rudder control stops to insure stop has not loosened and jam nut is tight		O	O	O	
21. Inspect stabilator surfaces for damage		O	O	O	

Perform all inspections or operations at each of the inspection intervals as indicated by a circle (O).

DESCRIPTION	50	100	500	1000	Inspector
22. Inspect stabilator, tab hinges, horn, and attachments for damage and operation		O	O	O	
23. Inspect stabilator attachments **(see latest Piper Service Bulletin 856)**		O	O	O	
24. Inspect stabilator and tab hinge bolts and bearings for excess wear (replace as required)		O	O	O	
25. Inspect stabilator control stops to ensure stop has not loosened and jam nut is tight		O	O	O	
26. Inspect stabilator trim mechanism		O	O	O	
27. Check all cable tensions (use tensiometer) (see note 17)		O	O	O	
28. Inspect aileron, rudder, stabilator, stabilator trim cables, turnbuckles, guides, and pulleys for safety, damage, and operation		O	O	O	
29. Clean and lubricate stabilator trim drum screw (refer to lubrication chart in service manual, section II)			O	O	
30. Inspect stabilator balance weight attachments and arm for security and condition		O	O	O	
31. Inspect emergency locator transmitter battery for replacement date per service manual (see latest revision of Piper S/L 820)		O	O	O	
32. Clean and lubricate all exterior needle bearings				O	
33. Lubricate per lubrication chart in service manual, section II	O	O	O	O	
34. Inspect rotating beacon for security and operation		O	O	O	
35. Inspect security of autopilot bridle cable clamps		O	O	O	
36. Inspect all control cables, air ducts, electrical leads, lines, radio antenna leads, and attaching parts for security, routing, chafing, deterioration, wear, and correct installation		O	O	O	
37. Install inspection plates and panels		O	O	O	
G. WING GROUP					
1. Remove inspection plates and fairings		O	O	O	
2. Inspect surfaces and tips for damage, loose rivets, and condition of walkway		O	O	O	
3. Inspect aileron hinges and attachments		O	O	O	
4. Inspect aileron balance weight and arm for security and condition		O	O	O	
5. Inspect aileron cables, pulleys, and bellcranks for damage and operation		O	O	O	
6. Inspect aileron control stops to ensure stops have not loosened and locknuts are tight		O	O	O	
7. Inspect flaps and attachments for damage and operation		O	O	O	
8. Inspect condition of bolts used with hinges (replace as required)				O	
9. Lubricate per lubrication chart in service manual, section II	O	O	O	O	
10. Inspect wing attachment bolts and brackets		O	O	O	
11. Inspect fuel tanks and lines for leaks, water, and contamination		O	O	O	
12. Fuel tanks marked for capacity		O	O	O	
13. Fuel tanks marked for minimum octane rating		O	O	O	
14. Inspect fuel cell vents		O	O	O	
15. Inspect all control cables, air ducts, electrical leads, lines, and attaching parts for security, routing, chafing, deterioration, wear, and correct installation		O	O	O	
16. Install inspection plates and fairings		O	O	O	

Circle Type of Inspection (See Note 2)
50 100 500 1000 Annual

DESCRIPTION	50	100	500	1000	Inspector
H. LANDING GEAR GROUP					
1. Inspect oleo struts for proper extension (refer to service manual, section VIII) (check fluid level as required)	O	O	O	O	
2. Inspect nose gear steering control and travel		O	O	O	
3. Inspect wheels for alignment		O	O	O	
4. Put airplane on jacks (refer to service manual, section II)		O	O	O	
5. Inspect tires for cuts, uneven or excessive wear, and slippage		O	O	O	
6. Remove wheels; clean, inspect, and repack bearings		O	O	O	
7. Inspect wheels for cracks, corrosion, and broken bolts		O	O	O	
8. Check tire pressure (refer to service manual, section II	O	O	O	O	
9. Inspect brake lining and disc		O	O	O	
10. Inspect brake backing plates		O	O	O	
11. Inspect brake and hydraulic lines		O	O	O	
12. Inspect shimmy dampener		O	O	O	
13. Inspect gear forks for damage		O	O	O	
14. Inspect oleo struts for fluid leaks and scoring		O	O	O	
15. Inspect gear struts, attachments, torque links, retraction links, and bolts for condition and security		O	O	O	
16. Inspect downlock for operation and adjustment **(see note 18)**	O	O	O	O	
17. Inspect torque link bolts and bushings (rebush as required)			O	O	
18. Inspect drag and side brace link bolts (replace as required)				O	
19. Inspect gear doors and attachments		O	O	O	
20. Check warning horn and light for operation		O	O	O	
21. Retract gear; check operation and inspect doors for clearance and operation		O	O	O	
22. Inspect antiretraction system		O	O	O	
23. Inspect actuating cylinders for leaks and security		O	O	O	
24. Inspect all hydraulic lines, electrical leads, and attaching parts for security, routing, chafing, deterioration, wear, and correct installation (See latest revision of Piper Service Letters 808 and 810)		O	O	O	
25. Inspect position indicator switch and electrical leads for security		O	O	O	
26. Lubricate per lubrication chart in service manual, section II	O	O	O	O	
27. Ensure landing gear is down and locked; remove airplane from jacks		O	O	O	

Perform all inspections or operations at each of the inspection intervals as indicated by a circle (O).

DESCRIPTION	50	100	500	1000	Inspector
I. OPERATIONAL INSPECTION					
1. Check fuel pump and fuel tank selector	O	O	O	O	
2. Check fuel quantity, pressure, and flow readings	O	O	O	O	
3. Check oil pressure and temperature readings	O	O	O	O	
4. Check alternator output	O	O	O	O	
5. Check manifold pressure indication	O	O	O	O	
6. Check alternate air	O	O	O	O	
7. Check parking brake	O	O	O	O	
8. Check vacuum gauge indication	O	O	O	O	
9. Check gyros for noise and roughness	O	O	O	O	
10. Check cabin heater operation	O	O	O	O	
11. Check magneto switch operation	O	O	O	O	
12. Check magneto RPM variation	O	O	O	O	
13. Check throttle and mixture operation	O	O	O	O	
14. Check propeller smoothness	O	O	O	O	
15. Check propeller governor action	O	O	O	O	
16. Check engine idle	O	O	O	O	
17. Check electronic equipment operation	O	O	O	O	
Check operation of autopilot including automatic pitch trim, and manual electric trim (see note 20)	O	O	O	O	
19. Check air conditioner compressor clutch operation	O	O	O	O	
20. Check air conditioner condenser scoop operation	O	O	O	O	
21. Check landing gear system **(see note 14)**		O	O	O	
J. GENERAL					
1. Aircraft conforms to FAA specification	O	O	O	O	
2. All FAA airworthiness directives complied with	O	O	O	O	
3. All manufacturers service bulletins and letters complied with	O	O	O	O	
4. Check for proper flight manual	O	O	O	O	
5. Aircraft papers in proper order	O	O	O	O	

NOTES:

1. Refer to the last card of the Piper Parts Price List - Aerofiche, for a checklist of current revision dates to Piper Inspection Reports and Manuals.
2. Piper service bulletins are of special importance and Piper considers compliance mandatory. Piper service letters are product improvements and service hints pertaining to servicing the airplane and should be given careful attention.
3. Inspections given for the Lycoming power plant are based on the engine manufacturer's operator's manual (Lycoming Part No. 60297-12) for this airplane, dated August 1973. Any changes issued to the engine manufacturer's operator's manual after this date shall supersede or supplement the inspection outlined in this report.
4. Inspections given for the Continental power plant are based on the engine manufacturer's-operator's manual (Continental Part No. X-30512) for this airplane, dated June 1976. Any changes issued to the engine manufacturer's operator's manual after this date shall supersede or supplement the inspection outlined in this report.
5. Replace or overhaul as required or at engine overhaul. (Refer to latest revision of Hartzell Service Letter 61.) For engine overhaul, refer to latest revision of one of the following: Lycoming Service Instructions No. 1009, for recommended engine overhaul period, or Continental Service Bulletin M86-6 Rev. 1, for recommended engine overhaul period.
6. Replace flexible oil lines as required, but no later than 1000 hours.
7. Check throttle body attaching screws for tightness; the correct torque for these screws is 40 to 50 inch-pounds.
8. Rotate spark plugs from upper to lower positions and vice versa to lengthen plug life.
9. At every 400 hours of engine operation, remove the rocker box covers and check for freedom of valve rockers when valves are closed. Look for evidence of abnormal wear or broken parts in the area of the valve tips, valve keeper, springs and spring seat. If any indications are found, the cylinder and all of its components should be removed (including the piston and connecting rod assembly) and inspected for further damage. Replace any parts that do not conform with limits shown in the latest revision for Lycoming's Service Table of Limits No. SSP1776.
10. Check cylinders for evidence of excessive heat which is indicated by burned paint on the cylinders. This condition is indicative of internal damage to the cylinder and, if found, its cause must be determined and corrected before the aircraft is returned to service.
    Heavy discoloration and appearance of seepage at the cylinder head barrel attachment area is usually due to emission of thread lubricant used during assembly of the barrel at the factory, or by slight gas leakage which stops after the cylinder has been in service for awhile. This condition is neither harmful nor detrimental to engine performance and operation. If it can be proven that leakage exceeds these conditions, the cylinder should be replaced.
11. If the altimeter is damaged, defective or inaccurate, work must be done by an FAA approved instrument repair facility only. A logbook entry must be made.
12. Refer to latest revision of Continental Motors Service Bulletin M84-15.
13. The compressor oil level should not be checked unless a Freon leak has occurred which requires an addition of Freon to the system.
14. Aircraft must be flown to check the landing gear system in accordance with instructions given in section VI, of the Service Manual. **(Refer to latest revision of Service Bulletin 810.)**
15. For operation above 12,000 feet, more frequent ignition system maintenance is required. (Refer to latest revision of Continental Service Bulletin M78-8.)
16. On Continental installation check torque of mounting bolts.
17. Maintain cable tensions specified in section V of the service manual.
18. **Refer to latest revision of Piper Service Bulletin 578.**
19. Inspect brushes every 100 hours if airplane is used for training or every 500 hours if used for normal service. (Refer to service manual, section VI.)
20. Refer to flight manual supplement for preflight and flight check, for intended function in all modes.
21. Refer to latest revision of Bendix S/B 612 for inspection of magneto and ignition harnesses.
22. Refer to Teledyne Continental Service Bulletin M86-11, latest revision.

Signature of Mechanic or Inspector:	Certificate No.:	Date:	Total Time on Airplane: