

SECTION 7

GENERAL MAINTENANCE AND INSPECTION

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SECTION 7

**RECOMMENDED 100 HOUR AND PERIODIC INSPECTION
CHECK LIST FOR MODEL 200D**

ITEM	YES	NO	REMARKS
7-1 POWER PLANT			
1. Spinner and Brackets			
2. Check Blades and Hub. Refer to applicable Propeller Manual for recommended Propeller Inspection and Overhaul Periods.			
3. Cowling			
4. Cowl Flaps			
5. Engine Mounts			
6. Lord Mounts			
7. Plumbing			
8. Park Brake			
9. Hydraulic Reservoir			
10. Battery			
11. Engine Cylinder and Baffles			
12. Exhaust System			
13. Induction System			
14. Heating and Ventilation System			
15. Muffler			
16. Drain Plugs			
17. Ram Air Screen			
18. Ram Air Mount Bolts			
19. Alternate Air Door			
20. Main Oil Screens			
21. Oil Radiator			
22. Hydraulic Selector Valve			
23. Spark Plugs			
24. Magnetos			
25. Generator or Alternator and Belts			
26. Electrical Wiring and Equipment			
27. Fuel Control			
28. Fuel Control Screen			
29. Nozzle System for Leaks			
30. Oil Pan Bolts			
31. Drain Plugs			
32. Control Linkages			
33. Ignition Harness			
34. Timing			

ITEM	YES	NO	REMARKS
7-2 OUTER WING			
1. Skin			
2. Structure			
3. Access Doors			
4. Push-Pull Rods			
5. Ailerons and Bellcranks			
6. Flaps and Bellcranks			
7. Navigation Lights			
8. Pitot System Left Wing only			
9. Stall Warning System Left Wing only			
10. Fuel Tanks and Vents			
11. Liquidometer			
12. Plumbing			
13. Wing Bolts			
14. Electrical Wiring			
7-3 CENTER WING SECTION			
1. Structure			
2. Auxiliary Fuel Pump			
3. Fuel Strainer			
4. Plumbing			
5. Cables and Pulleys			
6. Push-Pull Rods			
7. Bellcranks			
8. Flap Operating Mechanism			
9. Electrical Wiring			
10. Antennas			
11. Seat Belt Attach Fittings			
12. Drain Static Lines			
13. Anti-Collision Light			
7-4 MAIN GEAR AND BRAKES			
1. Brake Linings			
2. Wheels and Tires			
3. Landing Gear Strut			
4. A-Frame Assembly and Drag Strut			
5. Gear Doors and Linkage			
6. Landing Gear Hydraulic Cylinders			
7. Fluid Level in Struts			
8. Plumbing			
9. Emergency Gear Extension Cables			

ITEM	YES	NO	REMARKS
7-5 NOSE GEAR			
1. Wheel and Tire			
2. Landing Gear Strut			
3. A-Frame Assembly			
4. Gear Doors and Linkage			
5. Landing Gear Hydraulic Cylinder			
6. Plumbing			
7. Fluid Level in Strut			
8. Emergency Gear Extension Cables			
7-6 CABIN			
1. Skin			
2. Structure			
3. Windows and Door			
4. Plumbing			
5. Seats and Seat Belts			
6. Engine Controls			
7. Electrical Wiring and Equipment			
8. Instrument Wiring and Plumbing			
9. Control Column			
10. Rudder Pedals			
11. Brake System			
12. Hydraulic Hand Pump			
13. Fuel Lines			
14. Ventilation System			
7-7 AFT FUSELAGE AND EMPENNAGE			
1. Skin			
2. Structure			
3. Empennage Surfaces			
4. Control Surfaces			
5. Baggage Door			
6. Cables and Pulleys			
7. Push-Pull Rods			
8. Bungee System for Security			
9. Trim Tab System			
10. Assist Step Mechanism			
11. Electrical Wiring			
12. Navigation Light			
13. Anti-Collision Light			

ITEM	YES	NO	REMARKS
7-8 MAIN GEAR RETRACTION			
1. Doors			
2. Position Lights			
3. Warning Horn			
4. Emergency Gear Extension			
5. Operating Mechanism for over Center Operation			
6. General Operation			
7-9 NOSE GEAR RETRACTION			
1. Doors			
2. Position Lights			
3. Assist Step			
4. Operating Mechanism for Over Center Operation			
5. Emergency Gear Extension			
6. General Operation			
7-10 OPERATIONAL CHECK			
1. Starter			
2. Generator or Alternator Output			
3. Magnetos			
4. Power Check			
5. Oil Pressure and Temperature			
6. All Engine Controls			
7. Auxiliary Fuel Pump			
8. Fuel Quantity Gage			
9. Tank Selector			
10. Cylinder Head Temperature			
11. Idle Cut-Off			
12. Idle RPM and Mixture			
13. Propeller through range			
14. Brakes			
15. All Lights			
16. Radio Operations			
17. Heat and Ventilating System			
18. Flap Operation			
19. Pitot Heat			
ITEM	YES	NO	REMARKS
7-11 GENERAL			
1. Lubrication			
2. Clean and Service			