

SERVICE BULLETIN



SB137AC

- (2) Aerobatic installations - the overhaul frequency is 1000 hours or 72 calendar months, whichever occurs first.
- E. 2400 hours or 72 calendar months, whichever occurs first.
- F. 3000 hours or 72 calendar months, whichever occurs first.
- G. 3500 hours or 72 calendar months, whichever occurs first.
- H. 5000 hours or 72 calendar months, whichever occurs first.
- I. 4000 hours or 72 calendar months, whichever occurs first.
- J. 2000 hours or 72 calendar months, whichever occurs first.
- K. 5000 hours or 72 calendar months, whichever occurs first. 10,000 hour life limit on blades and hub.
- L. 5000 hours or 72 calendar months, whichever occurs first. 16,000 hour life limit on blades.
- M. 6000 hours or 60 calendar months, whichever occurs first.
- The hub assembly of any B5JFR36C1101 or C5JFR36C1102 propeller that has never operated on a water-methanol assist Jetstream 4100 aircraft -- Replace 18,000 hours
 - The hub assembly of any B5JFR36C1101 or C5JFR36C1102 propeller that is operating on, or has ever operated on, a water-methanol assist Jetstream 4100 aircraft -- Replace 6000 hours
 - All 114GCA-0 and L114GCA-0, blades are life limited at 10,000 hours.
- N. 5000 hours or 60 calendar months, whichever occurs first.
- The hub assembly of any B5JFR36C1103 or C5JFR36C1104 propeller that has never operated on a water-methanol assist Jetstream 4100 aircraft -- Replace 18,000 hours
 - The hub assembly of any B5JFR36C1103 or C5JFR36C1104 propeller that is operating on, or has ever operated on, a water-methanol assist Jetstream 4100 aircraft -- Replace 6000 hours
 - All 114HCA-0 and L114HCA-0 blades are life limited at 10,000 hours.
- O. 5000 hours or 72 calendar months, whichever occurs first.
- (1) Agricultural aircraft installations - the overhaul frequency is 2000 hours or 60 calendar months, whichever occurs first.
- (2) Only for L106FA-0 blades used in the 4HFR34C653 propeller assemblies or blades that have been installed on Jetstream Series 3200 aircraft or history unknown:
- (a) Blades without change letter "A" must be retired from service before December 1, 2001 or upon reaching 2400 flight hours after August 1, 2000 or 16,000 hours time since new, whichever occurs first.
- (b) Blades with change letter "A" are life limited to 16,000 hours.
- P. **Fixed pitch propellers - 2000 hours or 72 calendar months which ever occurs first.** Additionally, the propeller mounting bolt torque should be checked at least once per year. Propeller mounting bolts must be magnetic particle inspected per ASTM E-1444 or liquid penetrant inspected per ASTM E-1417 or replaced at every overhaul. Propeller mounting bolts must be replaced whenever the propeller is involved in a blade strike as defined in Service Bulletin 176[X].
- (1) 1A170E/JHA[XXXX] propellers only, installed on Aircraft Operating as Pilot Schools per 14 CFR, Part 141, and all aircraft with 2000 or more cycles per 1000 flight hours must be inspected per Service Bulletin 240[X] every 1000 hours or 72 calendar months which ever occurs first.
- Q. **All Propeller Governors - 1800 hours or 60 calendar months, whichever occurs first.**
- R. **All Propeller Accumulators - 1800 hours or 60 calendar months, whichever occurs first.**