



**Power Systems**

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# Service Instruction

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## Recommended Time Between Overhaul (TBO) Period and Service Intervals for Extended Life (EL) Janitrol Heaters

**Reference:** Janitrol Heaters Service Letter A-101, Revision B dated September 1997

**Janitrol Heater Models:** B2500  
B3500  
B4500

New and Factory Rebuilt Janitrol Heater models listed above incorporate specific product improvements which upgrade the performance and service life of the Janitrol combustion heater. The above model Janitrol heaters, whose corresponding part number is uniquely identified with the suffix (EL), reference Service Letter A-101, incorporate an FAA approved Extended Life Cermakote Combustion Tube which utilizes a special coating in areas susceptible to flame erosion. In addition, these heaters incorporate a newly designed FAA approved combustion air switch which complies with the latest factory Service Bulletins and FAA A.D.'s.

With incorporation of these improvements, all New and Factory Rebuilt Janitrol Heater models listed above (as identified with an (EL) suffix to the corresponding part number) carry a Recommended TBO (Time Between Overhaul) of 1500 heater operating hours\* with the following service requirements and qualifications. Note that the 100 hour inspection requirement defined in the applicable maintenance and overhaul manual for each heater remains in effect.

500 Hours	Inspect / Replace sparkplug, brushes, & bearings
1000 Hours	Inspect Combustion Tube (Visual or Pressure Decay Test); Inspect / Replace sparkplug, brushes & bearings
1500 Hours	Major Overhaul Recommended

\* Note, if a heater hour-meter is not installed, one heater operating hour is assumed for every two airframe hours of operation.

Recommended TBO for Janitrol Heaters applies only to those heaters that incorporate genuine FAA Approved Janitrol Heater replacement parts and are rebuilt by the Janitrol Heater Division. Service life and reliability may be compromised if the heater has undergone modifications not approved by the Janitrol Heater Division. Use of non-approved parts and or unauthorized repairs may result in heater damage or failure. Other factors affecting the operating life of the heater include operating conditions, frequency of operation, and the manner in which the heater is maintained.