

CN-235 PROPELLER REPLACEMENT NOTICE

Collins (UTAS/Hamilton Sundstrand) manufactures the CN-235 propeller and issued a service bulletin for 14RF-21-61-2 and 14RF-21-61-6. These service bulletins advise CN-235 aircraft operators of the program requirements and procedures to be followed for all propellers.

- The service bulletin has been revised to add a time limit requirement (by calendar) to the Major Inspection Interval (MII) for 14RF-21 model propellers, blades, and hubs.
- Blades and hubs are now subject to MII based on either published hours of operation limit for the component or 7 years from the Date Since Installation (DSI).
- As of October 1, 2010, blades and hubs must be compliant with the calendar time limit requirement prior to reaching the limit of 7 years DSI.
- The propeller MII for the CN-235 aircraft is scheduled to be at 6000-hour intervals.

Maintenance Manual P5189 and Component Maintenance Manual 61-13-03 publications also reflect these changes. The airworthiness limitation section of the component maintenance manual will be revised to reflect new major inspection requirements for the 14RF-21 propeller.

Benefits

As total time in service for this model has increased, experience has shown that older components, propeller components that have low utilization or components stored for extended periods of time require Major Inspection Interval (MII) before their hour limits have been reached in order to ensure continued airworthiness. Damage caused by corrosion is the time/age dependent factor most important for applying this calendar time limit MII. This inspection may also prevent components from becoming beyond economical repair (BER).

782750-8 PROPELLER	782750-12 PROPELLER
RFC11L1-OC	RFC11W1-OC
RFC11P1-OC	RFC11Y1-OC
RFC11R1-OC	RFC11Y1P-OC
RFC11V1-OC	RFC11Y1R-OC
RFC11Z1-OC	RFC11Y1POC*
RFC11Z1POC*	*LATEST CONFIGURATION



14RF-21
CN-235 CT-7 ENGINE