

R44 SERVICE BULLETIN SB-96

DATE: 02 October 2018

TO: R44-series Owners, Operators, and Maintenance Personnel

SUBJECT: D602-1 Time Delay Assembly

EFFECTIVITY: D602-1 Time Delay Assemblies identified as Lot 99 or Lot 100. Affected parts were originally installed on R44 Helicopters S/N 0046, 0381, 1308, 2076, and 2507 thru 2557, and R44 II Helicopters S/N 10664 and 14175 thru 14249 except 14221, 14222, 14245, and 14247. Affected parts were also shipped as spares between November 2017 and June 2018.

TIME OF COMPLIANCE: Within next 100 flight hours or by 31 January 2019, whichever occurs first.

BACKGROUND: RHC has determined that Lot 99 and Lot 100 of D602-1 (Clutch Actuator) Time Delay Assemblies were assembled with an incorrect resistor, which may cause the circuit to overheat in service.

COMPLIANCE PROCEDURE:

1. For each affected helicopter, order a replacement D602-1 Time Delay Assembly from RHC Customer Service. Note that MS3367-5-9 and MS3367-7-9 ty-raps will also be required as shown in Figure 1.
2. Remove C706-1 tailcone cowling assembly.
3. Verify battery switch is off. Refer to Figure 1. Cut and discard ty-raps securing D602-1 Time Delay Assembly to frame. Disconnect time delay assembly from airframe harness and remove time delay assembly.
4. Connect replacement D602-1 Time Delay Assembly to airframe harness at connector. Secure with ty-raps as shown. Cinch ty-raps until snug without over-tightening, and trim tips flush with heads. Verify security.
5. Momentarily engage and disengage clutch actuator to verify proper operation.
6. Install C706-1 tailcone cowling assembly.
7. Make appropriate maintenance record entries.
8. Discard or return to RHC any spare D602-1 Time Delay Assemblies identified as Lot 99 or Lot 100.

(OVER)

APPROXIMATE COST:

Parts: No charge for D602-1 Time Delay Assembly if ordered by 31 January 2019.
Reference helicopter serial number or RHC Invoice number.

Labor: 1.0 man-hour.

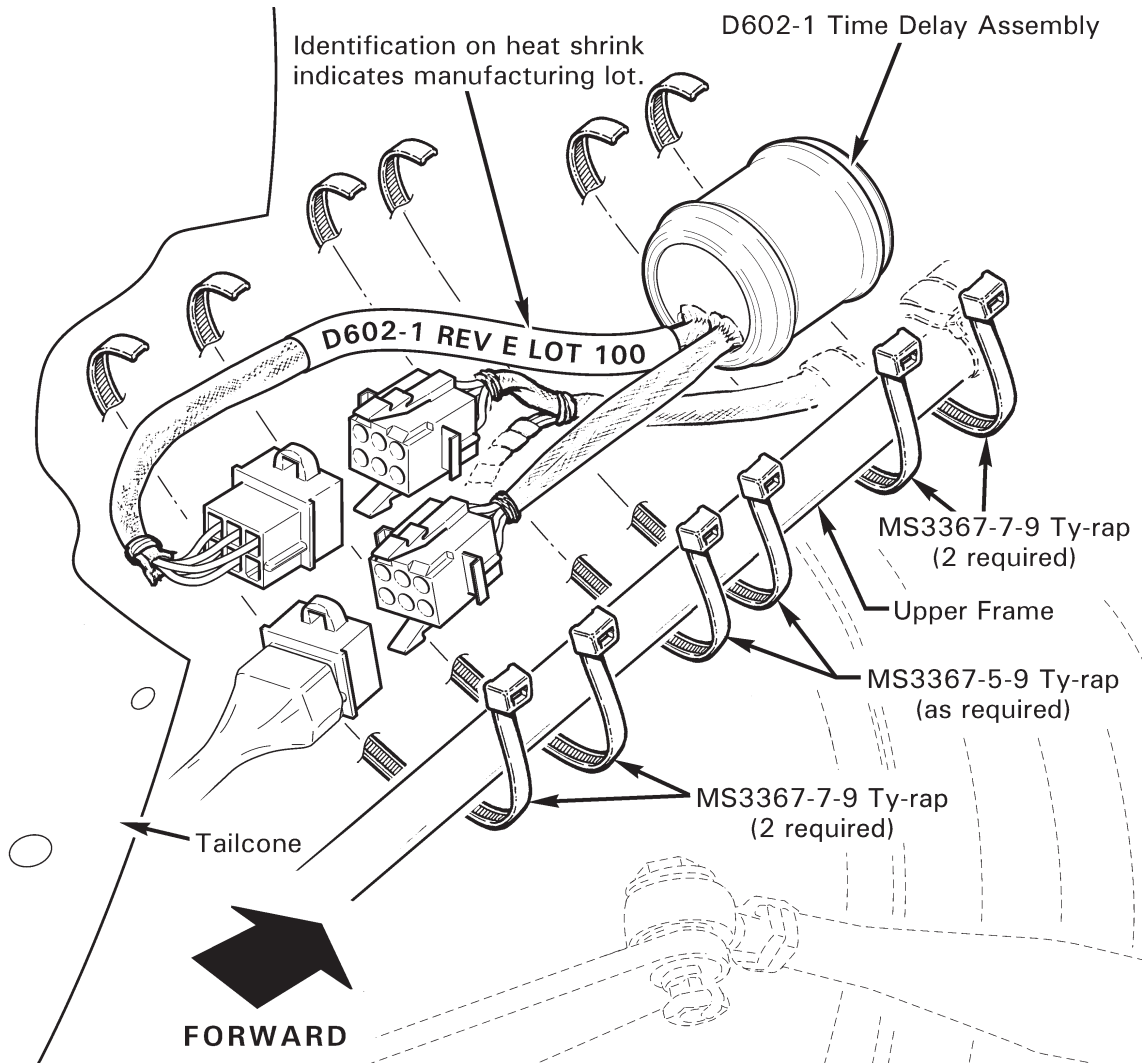


FIGURE 1

THE DESIGN ENGINEERING ASPECTS OF THIS BULLETIN HAVE BEEN SHOWN TO COMPLY WITH APPLICABLE FEDERAL AVIATION REGULATIONS AND ARE FAA APPROVED.