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S.I.L. NO. 01-560-04

SERVICE INFORMATION LETTER

FROM: JetProp LLC

7 Jun 01

SUBJECT: Larger Air Conditioner Drive Pulley

TO: Owners of JetProp #1 through # 58 (Unless already upgraded)

To improve the effectiveness of the air conditioner, JetProp has tested and approved the use of a larger drive pulley. This larger drive pulley turns the compressor faster and allows the air conditioner to be more effective. The installation instructions for the new larger drive pulley is included as Attachment 1. If there are any questions on the retrofit instructions, please contact Rich Runyon in Engineering or Curtis Vandegriffe the chief of maintenance at (509) 535-4401.

Rocket Engineering is dedicated to continuing to improve the JetProp DLX Conversion and to supporting our customers.

Sincerely,

Darwin C. Conrad
President
JetPROP, LLC

Attachment 1. Installation Instructions for Larger Air Conditioner and Alternator Drive Pulley

Attachment 1

Installation Instructions for Larger Air Conditioner and Alternator Drive Pulley

1. Remove the top cowling for access to the air conditioner and alternator drive pulley.
2. Remove the forward interior trim panel in the forward baggage compartment covering the aft side of the firewall.
3. Remove the generator access panel to gain easy access to the AC/Alt Drive Assembly. See Figure 1.
4. Remove the cotter pin and the nut holding the dual drive pulley on the AC/Alt Drive Assembly shown in Drawing 560.07.710.
5. Remove the pulley from the shaft.
6. Ensure the woodruff key is in place and install the new larger pulley. Some pulleys have more than one key way so be sure to use the small key way that matches the size of the woodruff key in the shaft. Also, the pulley fits snug on the shaft. It may be necessary to use some emery cloth on the pulley to get the proper fit on the shaft.
7. Replace the retaining nut and washer. Torque the nut to 40 – 58 Ft-Lb and install the cotter pin.
8. Loosen the alternator retaining bolts to allow the alternator to move in the belt tension arm to the loose position. Install the new belts. Adjust the belt tension to obtain a tension of 45 pounds for new belts or 23 to 34 pounds for old belts. With the belts tight, tighten the alternator retaining bolts and safety wire (.032 wire) the alternator tension arm bolt.
9. Re- install the generator access panel, forward interior trim panel in the forward baggage compartment, and the top cowling.
10. Perform an operational check of the air conditioner and standby alternator to verify proper operation.
11. The following sample log book entry for this upgrade is included for your assistance.

N1234SH..SN 4612345..Total Time 345.6..Hobbs Time 123.4..Date 20 Jun 2001

Complied with JetProp LLC Service Letter 01-560-04, Dated 8 Jun 2001, Titled “Larger Air Conditioner Drive Pulley”. Details are contained in the installation instructions contained within the service letter. This Service Letter is to be maintained as a part of the aircraft’s maintenance records.

Fred Glotz, AP 123456789

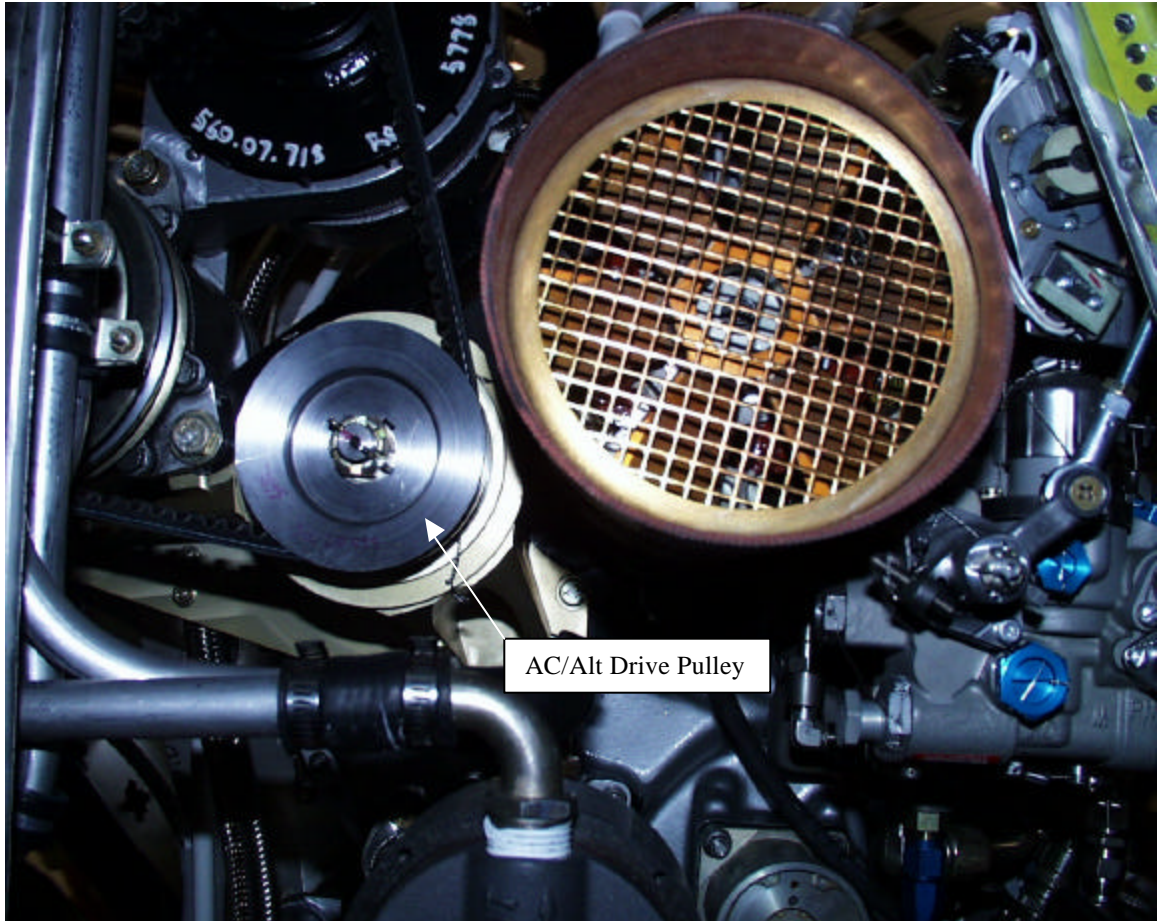


Figure 1. Engine as Viewed Through the Generator Access Panel