



SERVICE LETTER

No. 809

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

April 6, 1977

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Subject: Engine Oil Breather Tube Extension

Models Affected: Serial Numbers Affected:

PA-31T Cheyenne

31T-7400002 to 31T-7720035 Inclusive

Compliance Time: At owner/operator's discretion.

Purpose: Reports received from Cheyenne owners/operators indicate the desirability of a refinement to the engine oil breather tubes, which - in their present configuration, may cause vented (excess) oil "streaking" on wings aft of the tube outlet, producing an undesirable appearance.

This Service Release announces a modification to the engine oil breather tubes consisting of a tube extension, which will allow excess oil to vent clear of the undersurface of the wings.

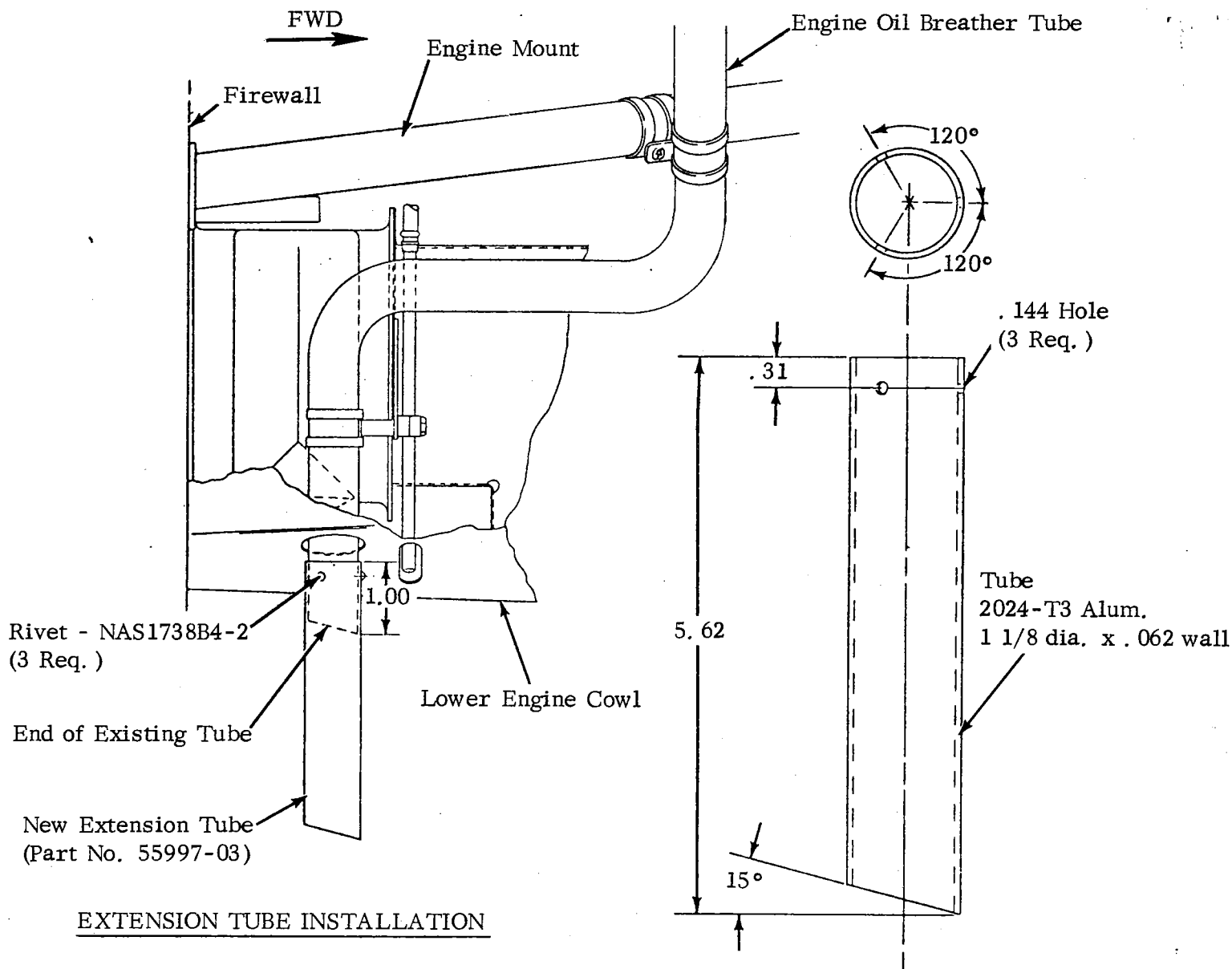
Instructions: Contained on reverse side of this Service Release.

Material Required: Extensions may either be fabricated locally or obtained in the normal manner under Piper Part No. 55997-03, Extension Tube, Engine Oil Breather; two each per aircraft, @ suggested unit list price \$ 3.45.

Availability of Parts: Fabricate or procure through your Piper Field Service Facility.

Effectivity Date: This Service Release is effective upon receipt.

Summary: Should you desire to incorporate this product refinement "appearance" modification on your aircraft, you have the option of either fabricating the above referenced item (in accordance with instruction data-overleaf) or procuring through your Piper Field Service Facility (see Material Required, above).



INSTRUCTIONS

1. Locate the end of the engine oil breather tube, protruding through the right side of the lower engine cowls.
2. Make extension tubes per above detail or order from Piper Aircraft Corp. under Part No. 55997-03.
3. Mark 1.00 dimension on end of existing tubes as shown.
4. Slide extension tube over end of existing tubes to the 1.00 mark. Make certain that the 15° scarf is positioned as shown.
5. Using the three .144 holes in the extension tube as a guide, drill .144 holes in existing tubes.
6. Secure extension tubes to existing tubes using three NAS1738B4-2 rivets (P/N 522 882).
7. Make proper logbook entry of extension tube installation.