



SERVICE BULLETIN

No-356

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA SO-1 Approved"

September 1, 1972 S

(Supersedes and voids Service Letter No. 601 dated January 18, 1972)

Subject: Induction Air Inlet Duct and Induction Alternate Heat Duct Inspection and Replacement

Models and Serial Numbers Affected:

Models Affected

PA-28-140
PA-28-150, PA-28-160, PA-28-180 and
PA-28S-180
PA-28-235
PA-28R-180
PA-28R-200
PA-32-260
PA-32-300
PA-32S-300

Serial Numbers Affected

28-20001 to 28-7225172 incl.
28-03, 28-1 to 28-7305012 incl.

28-10001 to 28-7310005 incl.
28R-30002 to 28R-7130013 incl.
28R-35001 to 28R-7235077 incl.
32-03, 32-04, 32-1 to 32-7300001 incl.
32-15, 32-21, 32-40000 to 72-7240101 incl.
32-15, 32-40000 to 32-40565 incl, 32S-40566
to 32-7240102 incl.

Compliance Time:

- I. Aircraft with 100 hours or more time in service:
Inspect within the next 25 hours of operation and at each subsequent 50 hours of operation thereafter.
- II. Aircraft with less than 100 hours time in service:
Inspect at the first 100 hour inspection and at each subsequent 50 hours of operation thereafter.

Purpose:

Reports have been received from the field which indicate a need to establish more positive inspection and maintenance practices for the subject component to insure maximum product reliability.

Instructions:

The inspection procedure described below is a visual inspection on the external surface of the subject ducts and does not require duct removal/replacement to accomplish the inspection.

Inspect the above referenced aircraft for evidence of engine induction air and alternate air duct deterioration as follows:

(over)

Instructions: (Continued)

1. Inspect the external surface of the duct for broken or loose strings.
2. Inspect the duct for loose or displaced supporting wire.
3. Inspect the duct for signs of wear or perforation.

Should any of the above conditions exist, remove and replace the affected duct prior to next flight.

Material Required:

Engine Induction Air and/or Alternate Air Duct Assemblies, as required in Instructions, above. Refer to current PA-28 and/or PA-32 Cherokee Parts Catalog for proper material ordering information.

Availability of Parts:

Your Piper Dealer.

Effectivity Date:

This Service Bulletin is effective September 15, 1972.

Summary:

This Service Bulletin is being submitted to complement existing Piper Periodic Inspection forms and Programmed Maintenance procedures, and to publicize the necessity of proper engine air induction system inspection and maintenance practices.

Please make arrangements with your Piper Dealer to comply with this Service Bulletin in accordance with the provisions of Compliance Time, above.