



SERVICE LETTER

No. 796

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"DOA SO-1 Approved"

March 30, 1977 S

Subject:

Lower Cowl Drain Inspection

Models Affected:

Serial Numbers Affected:

PA-28-150, PA-28-160 and
PA-28-180 Cherokee 28-1761 to 28-7505259 Inclusive
PA-28-181 Cherokee Archer II 28-7690001 to 28-7790103 Inclusive
PA-28-235 Cherokee Pathfinder 28-10001 to 28-7310176 Inclusive
PA-32-260 Cherokee Six 260 32-01 to 32-7600023 Inclusive

Compliance Time: At owner/operator's discretion; recommended at the next regularly scheduled inspection interval (100 Hour, Annual, or Programmed Inspection event, whichever applies).

Purpose: Two (2) reports have been received on high time aircraft that indicate the landing light wire bonded to the bottom of the cowl can form a dam. This dam may entrap flammable liquids such as fuel and/or oil spilled during servicing of the engine.

This Service Letter provides instructions to inspect for this condition and to modify the lower cowl, if necessary, in order to preclude entrapment of these liquids.

Instructions:

1. Remove top cowl.
2. Pour water into the forward end of the lower cowl and check for any evidence of puddling at the landing light wire.
3. If no puddling occurs, make an appropriate log book entry indicating compliance with this Service Letter.
4. If puddling does occur, drill a .250 drain hole in the lower cowl to insure proper drainage and make appropriate log book entry.

CAUTION

Use care not to damage landing light wire when drilling.

Material Required:

Not Applicable.

Material Availability:

Not Applicable.

Effectivity Date:

This Service Letter is effective upon receipt.

Summary: Please contact your Piper Field Service Facility to make arrangements for compliance with this product refinement Service Letter.