

The Piper logo consists of the word "PIPER" in a bold, sans-serif font, enclosed within a dark rectangular box with a diagonal line running from the top-left to the bottom-right.

*Customer Services*

# SERVICE LETTER

**No. 623**

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

August 9, 1972

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Subject: Inspection of Rajay Alternate Air Valve Bracket

Models Affected:

PA-30 Twin Comanche Turbocharged

PA-39 Twin Comanche C/R Turbocharged

Serial Numbers Affected:

30-853, 30-902 to 30-2000 incl.

39-1 and up.

Compliance Time:

At the next 100-hour inspection or annual inspection, whichever occurs first and to be repeated at each 100-hour inspection or annual inspection thereafter.

Purpose:

Rajay Corporation Service Letter No. 8, dated October 1, 1965 addressed the fact that the Alternate Air Valve Bracket, Rajay Part No. RJ0605-71, had shown excessive wear in the hinge pin holes. Rajay stated that the subject parts manufactured subsequent to June 1965 incorporated brass reinforced hinge pin holes with a projected increase in wear resistance.

A survey of field reports recently received indicates that the alternate air inlet valve brackets with brass reinforced hinge pin holes are also subject to wear.

It is therefore recommended that a visual inspection be conducted to determine if replacement of worn alternate air inlet valve brackets is necessary.

Instructions:

1. Gain access to the engine air inlet filter assembly in accordance with PA-30/39 Service Manual Section VIIIA, paragraph VIIIA 27 through 31 inclusive.
2. Inspect alternate air inlet valve bracket hinge pin holes for excessive wear, as evidenced by hole elongation exceeding 1/16 inch. Should elongation exceed 1/16 inch, replace alternate air inlet valve and bracket assembly.

NOTE: The attached sketch/instruction sheet contains a detailed illustration and inspection instructions for proper inspection of the alternate air inlet valve bracket hinge pin holes.

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Material Required:

One (1) each (per engine) Alternate Air Inlet Valve and Bracket Assembly, Rajay Part No. RJ0605-5/-71, if required per Instructions, above.

Availability of Parts:

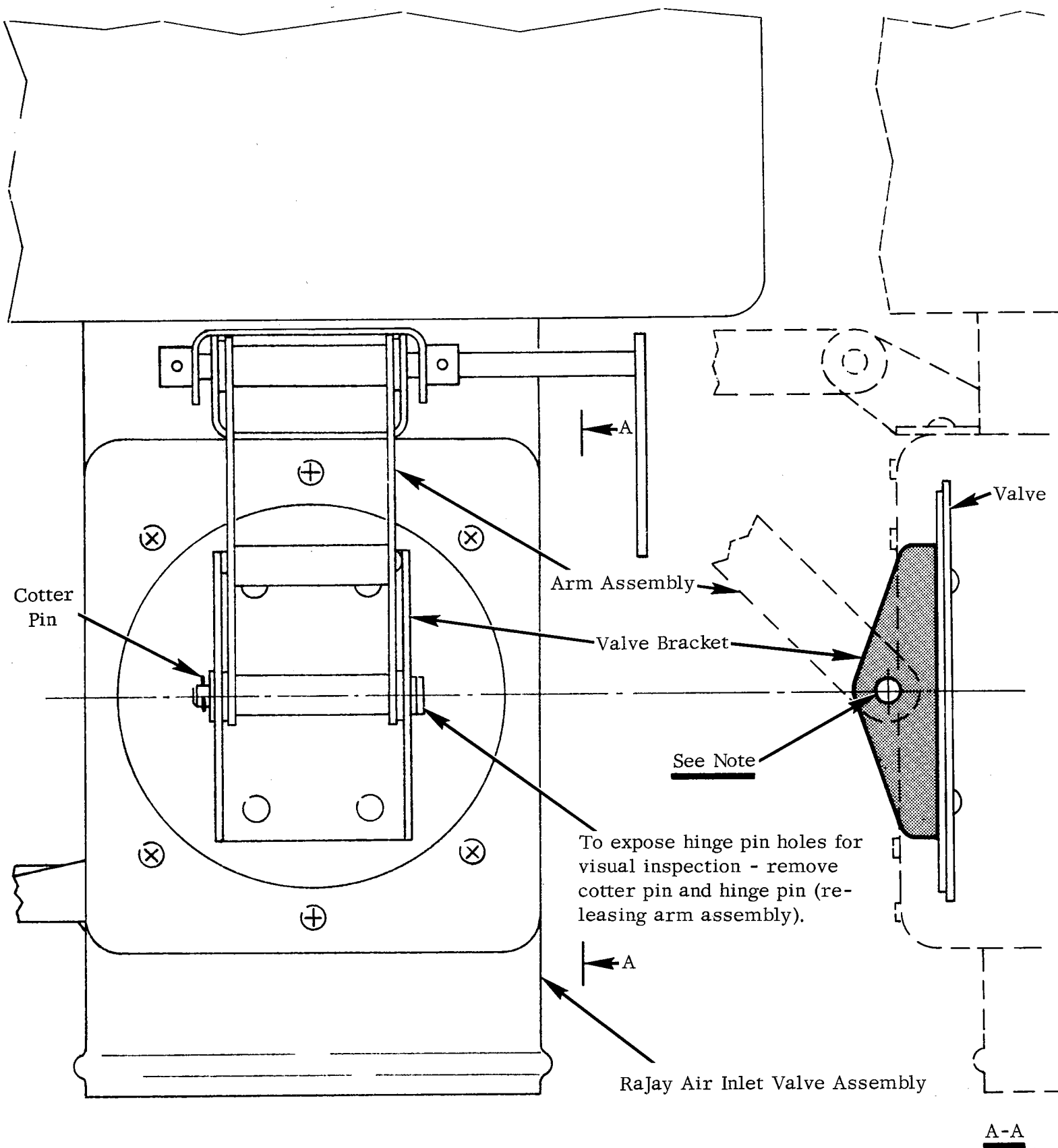
Your Piper Dealer.

Effectivity Date:

This Service Letter is effective August 25, 1972.

Summary:

Please contact your nearest Piper Dealer to make arrangements for compliance with this Service Letter in accordance with the provisions of Compliance Time, above.



**NOTE** - Inspect Rajay Alternate Air Inlet Valve Bracket hinge pin holes (2) for wear elongation exceeding 1/16 inch. Replace if required with new alternate air inlet valve and bracket assembly Rajay Part No. RJ0605-5/-71.