



# SERVICE LETTER

No. 373

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.  
March 29, 1962

**SUBJECT:** Installation of Oil Shields on Airborne Mechanisms Dry Vacuum Pumps, Models 113A1 and 113A5

**MODELS AFFECTED:** PA-22-108 Colts - Serial Nos. 22-8000 to 22-9256 inclusive  
PA-24 and PA-24 "250" Comanches - Serial Nos. 24-2176 to 24-2987 inclusive  
PA-28 Cherokees - Serial Nos. 28-1 to 28-494 inclusive

It has been determined that occasionally oil or cleaning solvents have entered the ventholes in the face of the mounting flange of the 113A1 and 113A5 Airborne Mechanisms dry vacuum pump.

A flexible metal shield, part number 756 143, which is easily installed by threading under the pump mounting bolts, has been designed to protect these openings. Removing the pump is not necessary and the shield does not require fastening as the spring tension of the shield will hold it in its proper position, once installed. Installation of this shield is recommended on the subject aircraft equipped with Airborne Mechanisms Dry Vacuum Pumps. See sketch on the reverse side of this letter.

These shields will be provided on a no charge basis by the Service Spares Department. Distributors are requested to order a sufficient number of shields to comply with this Service Letter.

#### NOTE

During installation or removal of the pump, the shield should be removed to prevent damage to the shield.

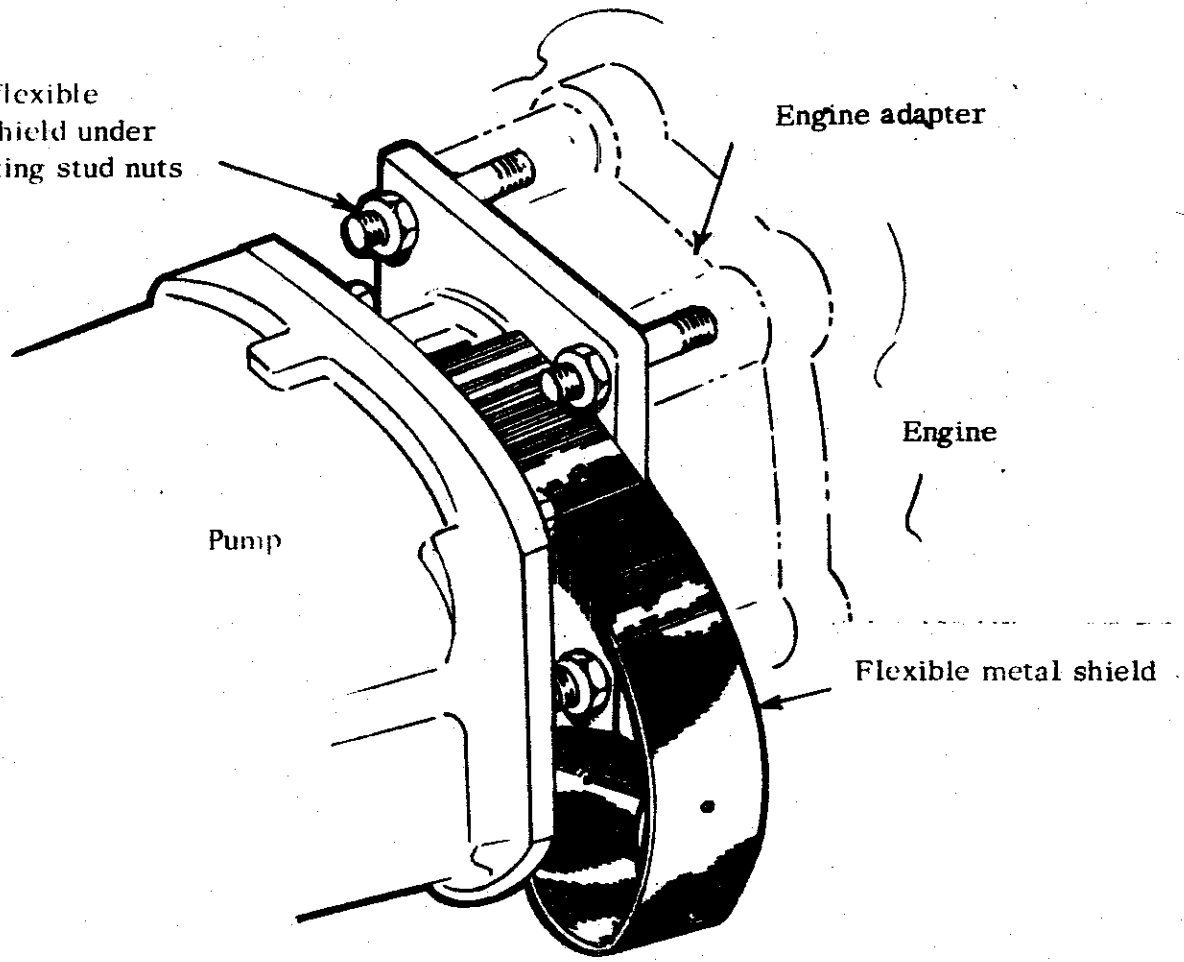
Very truly yours,

PIPER AIRCRAFT CORPORATION

WH:dlt  
RG

*Wes Holmes*  
Wes Holmes  
Service Manager

Install flexible  
metal shield under  
4 mounting stud nuts



Vent holes to be  
covered by flexible  
metal shield

