



# SERVICE LETTER

No. 713

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

August 21, 1974

ATA 2210

Subject: Static Air Sump Installation

Models Affected: Serial Numbers Affected:

Only aircraft listed below with V Series (AltiMatic V, V-1, V F/D or V F/D-1) Automatic Flight Control Systems installed.

PA-31 Navajo	31-660, 31-712 to 31-7401237 incl.
PA-31-350 Navajo Chieftain	31-5001 to 31-7405259 incl.
	31-7405400 to 31-7405461 incl.
PA-31P Navajo	31P-1 to 31P-7400216 incl.

Compliance Time: At the next 100 hour inspection or annual inspection, whichever occurs first.

Purpose: It has been reported that entry of water through the static ports relative to the above referenced aircraft is possible especially during the ground washing with a pressure washer unit. On the above stated aircraft (with one of the V Series AltiMatic Flight Control Systems installed), the altitude controllers are located in the vicinity of the static ports. There have been a few situations involving premature altitude controller replacements due to moisture contamination induced in the above described manner. We have been advised by the respective manufacturer that water damage in this situation invalidates the altitude controller warranty replacement program

Therefore, this service release provides material and instructions to install a static air sump on the above referenced aircraft; this installation is designed to preclude moisture contamination of the altitude controller by water ingested through the static air vents.

Instructions: Contained in Piper Kit No. 760 864, Static Air Sump Installation.

Material Required: One (1) each per aircraft -- with AltiMatic V, V-1, V F/D or V F/D-1 installed -- Piper Kit No. 760 864, Static Air Sump Installation available at a special reduced price of \$9.23H not to exceed March 1, 1975.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

This Service Letter is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with the provisions of this service release in accordance with Compliance Time, above.

A Service Publication Compliance Form is enclosed with each copy of this service release mailed to affected owners of record. This form is to be filled out according to instructions on the form reverse side and left with the Piper Field Service Facility performing the installation.