



SERVICE *No. 822* BULLETIN

Piper Aircraft Corporation
Vero Beach, Florida, U.S.A.

* PIPER CONSIDERS *
* COMPLIANCE MANDATORY *

FAA Approved

Date April 2, 1986

S/M

SUBJECT: Special Inspection of Hydraulic Hose,
Piper Part Number 17766-02 (465-138)

MODELS AFFECTED: SERIAL NUMBERS AFFECTED:

PA-23-150/160 Apache	23-1 through 23-2046
PA-23-235 Apache	27-505 through 27-622
PA-23-250 Aztec	27-1 through 27-8154030
PA-31-300/310/325 Navajo	31-5 through 31-8312019
PA-31-350 Navajo Chieftain	31-5001 through 31-8452021
PA-31P Pressurized Navajo	31P-3 through 31P-7730012
PA-31-350 T1020	31-8253001 through 31-8553002
PA-31P-350 Mojave	31P-8414001 through 31P-8414050
PA-31T Cheyenne	31T-7400002 through 31T-7720069
PA-31T Cheyenne II	31T-7820001 through 31T-8120104
PA-31T1 Cheyenne I	31T-7804001 through 31T-8104101
PA-31T1 Cheyenne IA	31T-8304001 through 31T-1104017
PA-31T2 Cheyenne IIXL	31T-8166001 through 31T-1166006
PA-31T3 T1040	31T-8275001 through 31T-8375005,
	31T-8475001 and 31T-5575001
PA-42 Cheyenne III	42-7800001, 42-7800002, 42-7801003,
	42-7801004, and 42-8001001 through
	42-8001106
PA-42 Cheyenne IIIA	42-8301001, 42-8301002, 42-5501003
	through 42-5501023, 42-5501025

Affected are all aircraft listed above which have had Hydraulic Hose(s), Piper Part Number 17766-02 (465-138) replaced after February 1, 1985 and prior to March 1, 1986.

COMPLIANCE TIME: At the next regularly scheduled inspection event but not to exceed ten (10) hours of operation.

PURPOSE: It has been determined that a group of hydraulic hoses, Piper Part Number 17766-02 (465-138), were manufactured using material that does not meet the pressure requirements for operation in the aircraft hydraulic system. If an installation has been made using these hydraulic hoses, premature failure will result in a loss of hydraulic capabilities.

This Service Bulletin provides an illustration and instructions for identification of the affected hoses.

(over)
ATA: 2912

INSTRUCTIONS:

1. Refer to the appropriate aircraft parts catalog and maintenance manual for location and quantity requirements for specific model application.
2. Gain access as required by model for visual inspection of each affected hose. See Sketch "A" attached.
3. Replace any hose found to be of incorrect material prior to further flight.
4. If replacement is required by inspection, perform a hydraulic systems function check per the appropriate maintenance manual.
5. Make appropriate logbook entry of compliance with this Service Bulletin.

MATERIAL REQUIRED: Hydraulic Hose, Piper Part Number 17766-02 (465-138), as required by inspection.

AVAILABILITY OF PARTS: Your Piper Field Service Facility.

EFFECTIVITY DATE: This Service Bulletin is effective upon receipt.

SUMMARY: Please contact your Piper Field Service Facility to make arrangements for compliance with this Service Bulletin.

Any applicable factory participation will remain in effect for a period of time not to exceed 180 days from the date of this Service Release.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner.

SKETCH "A"

