



## Piper Aircraft Corporation

Vero Beach, Florida, U.S.A.

# SERVICE *No. 822* BULLETIN

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\* PIPER CONSIDERS \*  
\* COMPLIANCE MANDATORY \*  
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FAA Approved

Date

April 2, 1986

S/M

SUBJECT:

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

MODELS AFFECTED:

PA-23-150/160 Apache  
PA-23-235 Apache  
PA-23-250 Aztec  
PA-31-300/310/325 Navajo  
PA-31-350 Navajo Chieftain  
PA-31P Pressurized Navajo  
PA-31-350 T1020  
PA-31P-350 Mojave  
PA-31T Cheyenne  
PA-31T Cheyenne II  
PA-31T1 Cheyenne I  
PA-31T1 Cheyenne IA  
PA-31T2 Cheyenne IIXL  
PA-31T3 T1040

PA-42 Cheyenne III

PA-42 Cheyenne IIIA

SERIAL NUMBERS AFFECTED:

23-1 through 23-2046  
27-505 through 27-622  
27-1 through 27-8154030  
31-5 through 31-8312019  
31-5001 through 31-8452021  
31P-3 through 31P-7730012  
31-8253001 through 31-8553002  
31P-8414001 through 31P-8414050  
31T-7400002 through 31T-7720069  
31T-7820001 through 31T-8120104  
31T-7804001 through 31T-8104101  
31T-8304001 through 31T-1104017  
31T-8166001 through 31T-1166006  
31T-8275001 through 31T-8375005,  
31T-8475001 and 31T-5575001  
42-7800001, 42-7800002, 42-7801003,  
42-7801004, and 42-8001001 through  
42-8001106  
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"

