



Piper Aircraft Corporation

Vero Beach, Florida, U.S.A.

SERVICE *No. 822* BULLETIN

* 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:

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"

