

Accessory Kit No. AK-127

DATE: November 11, 1974
 TITLE: Hourmeter Accessory Kit
 MODELS AFFECTED: AA1B-0238 & up, AA5-0406 and up & AA5B-0001 and up

WEIGHT AND BALANCE CHANGE:
 Weight Increase: .40 Lbs.
 Arm: 69.3 In.

Parts List - Accessory Kit No. AK-127-1 (Affected two-place aircraft)

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	771	Hourmeter
1	M-5600 (Alternate)	Hourmeter
1	2904-81-H	Pressure Switch
1	804005-503	Tube Ass'y
1	40558 (Alternate)	Pressure Switch
2	AN816-4D	Union
1	AN917-1D	Tee
1	51DF3	Wire
1	51DF2	Wire
3	AA832-08	Terminal
2	BB8141	Terminal
1	804005-506	Tube Ass'y

Parts List - Accessory Kit No. AK-127-2 (Affected four-place aircraft)
 Note: This Kit includes all parts listed in AK-127-1, except:

1	804005-506	Tube Ass'y (Delete)
1	804005-504	Tube Ass'y (Add)

Description of Installation

1. Installation of hourmeter, pressure switch and related electrical connections and hardware.
2. Estimated time to accomplish this installation is 2.0 man hours.

Installation Instructions (Refer to Figure 1.)

1. Cut hole in instrument panel royalite cover, drill (3) .147 dia. holes for mounting screws and attach hourmeter to instrument panel.

A
C
C
E
S
S
O
R
Y
K
I
T

2. Remove existing oil line from firewall to oil pressure gauge. Pre-assemble the pressure switch and replacement oil lines, as shown in Figure 1, and attach to firewall bulkhead fitting and oil pressure gauge.
3. Fasten BB8141 and AA832-08 Terminals to the 51DF2 Wire and attach between hourmeter and pressure switch. Fasten (2) AA832-08 Terminals to the 51DF3 Wire and attach one end to the pressure switch. Ground opposite end of the 51DF3 Wire, by attaching to existing ground connection at the radio tray support. In the absence of a ground connection at the radio tray support, insure ground continuity and attach to other convenient ground source.
4. Locate the 51DF5 Wire (plugged) in harness behind instrument panel, fasten a BB8141 Terminal to the wire and attach to hourmeter.

N O T E

ALL WIRES INSTALLED SHOULD BE SECURED TO PREVENT ELECTRICAL SHORTS AND INTERFERENCE WITH THE AIRCRAFT CONTROL SYSTEM.
CHECK CONTROL SYSTEM FOR FREEDOM OF MOVEMENT.

5. Check hourmeter for proper operation. Check pressure switch and lines for oil leaks.

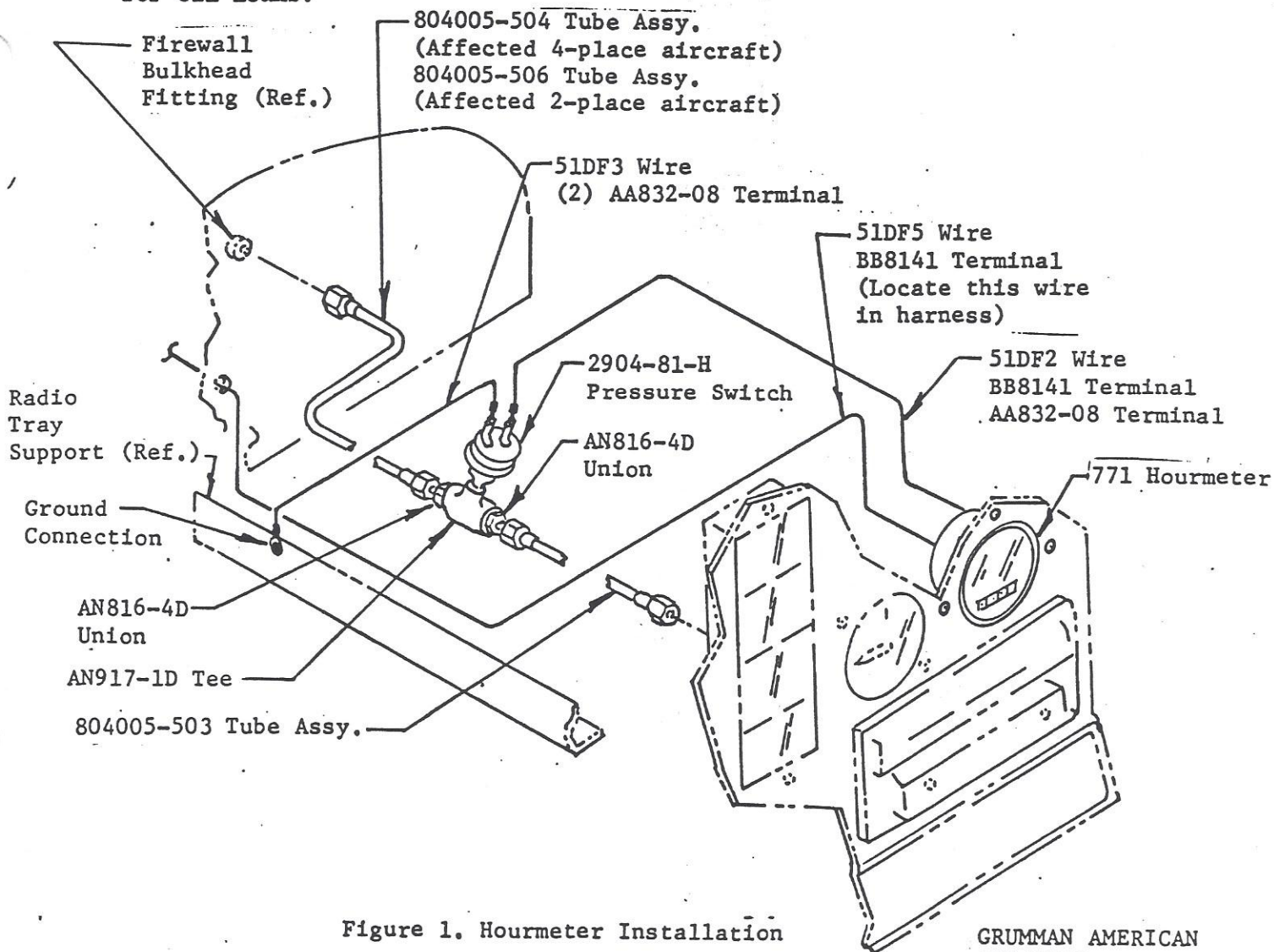


Figure 1. Hourmeter Installation