AMERICAN GENERAL AIRCRAFT ACCESSORY KIT NO. 141

DATE: MAY 2,1991

SUBJECT: HOUR METER

SERIALS AFFECTED: ALL MODEL AG-5B

General

This kit contains parts and instructions required to install the Datcon 56576-00 hour meter.

Parts Required

PART NUMBER	DESCRIPTION	QUANTITY
56576-00	Hour Meter	1
MS35214-27	Screw	2
MS20365-632	Nut	2
EE39A20 (320552 Ring Term attached to end.)	Wire (20 AWG)	2 ft
EE39A20N (201580-1 Socket attached to end.)	Wire (20 AWG)	6 ft.
DNF18-250FIB	Female QC	2

Procedure

Ensure all cockpit switches are off and battery is disconnected. Please read all instructions and review diagram before beginning modification.

I. Cut out hole in instrument panel as shown in figure 1.

II. Locate (2) 5/32 Dia holes using hour meter as a guide and mount with screws and nuts provided.

III. Insert socket of EE39A20N into any vacant receptacle of instrument grounding pin. (Location: upper cabin firewall under instrument panel support rods, figure 2).
Route to hour meter and trim excess wire.
Crimp on female QC and connect to negative terminal of hour meter.

IV. Connect ring term of EE39A20 to top screw of flap circuit breaker.
Route to hour meter and trim excess wire.
Crimp on female QC and connect to positive terminal of hour meter.

V. Reconnect battery

VI. Record modification in the aircraft logbook.

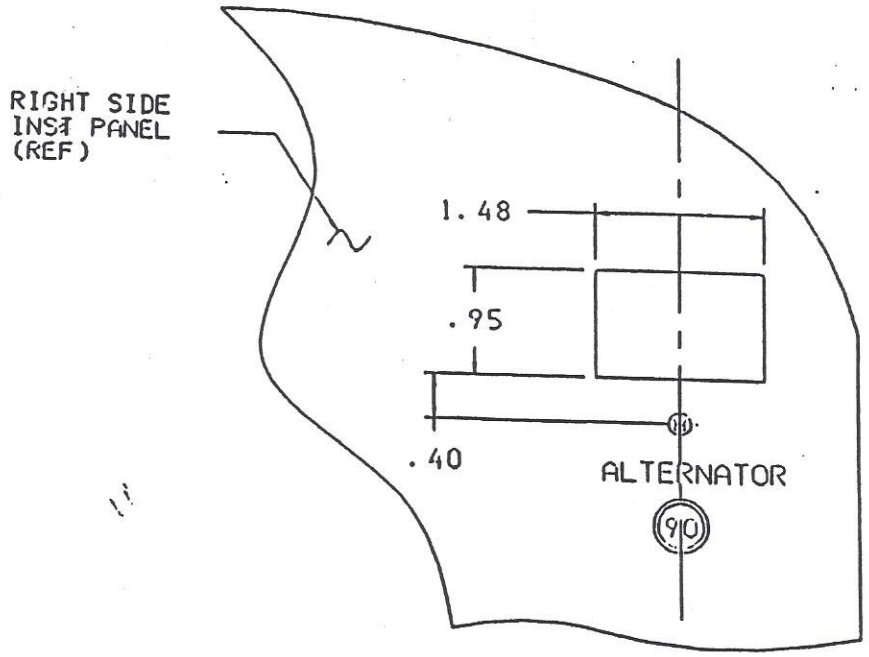

Figure 1. Hour Meter Cut-out.

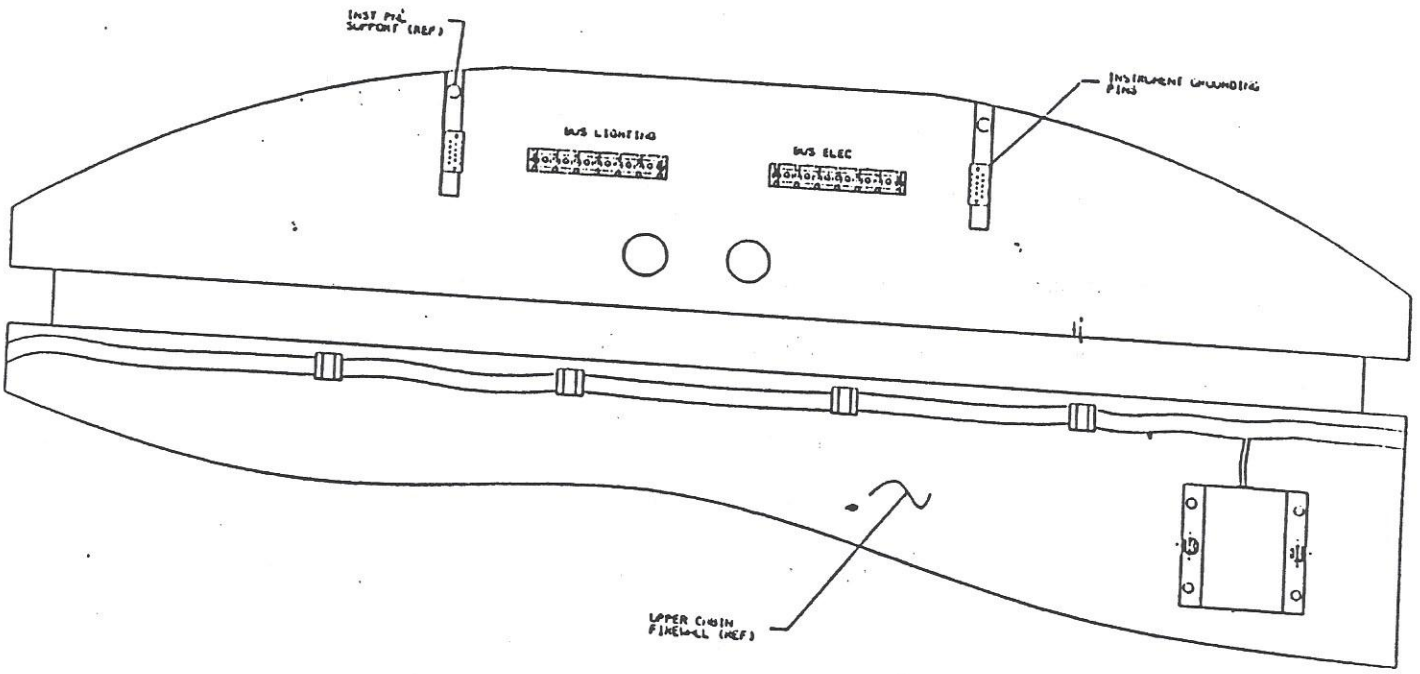

Figure 2. Instrument Grounding Pin.