

Rockwell custom kit

No. CK-AG-6

International

P.O. BOX 3090 ALBANY, GEORGIA 31706-3090 PHONE 229/883-1440 FAX 229/439-9790

Custom Kit CK-AG-6
July 7, 1975

INSTALLATION OF ENGINE HOURMETER

MODELS AFFECTED: Model S-2R, S/N 5001 thru 5017, 5019, 5021, 5022, 5024 thru 5026

REASON FOR PUBLICATION: To provide an engine hourmeter for the Thrush Commander

COMPLIANCE: At owner's discretion

NOTE

If any problems are encountered while installing this Custom Kit, contact Rockwell International, General Aviation Division, Customer Service Department, Bethany, Oklahoma 73008

BY WHOM WORK WILL BE ACCOMPLISHED:

A & P Mechanic

APPROVAL:

FAA DER Approved

ESTIMATED MAN HOURS:

Two (2) hours

PARTS DATA:

Parts required to comply with this Custom Kit may be obtained at no charge, from Rockwell International, General Aviation Division, Spare Sales Department, Albany, Georgia 31702. Reference this Custom Kit, aircraft model and factory serial number when ordering Custom Kit No. CK-AG-6 consisting of the following:

<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
1 ea.	90325-3	Plate
1 ea.	90325-5	Wire Assy
1 ea.	90325-7	Wire Assy
1 ea.	90325-9	Wire Assy
1 ea.	773	Hourmeter
1 ea.	AN816-2D	Nipple
1 ea.	AN917-1J	Tee
4 ea.	AN936A6	Washer
1 ea.	B4755-1	Eyebrow Light
1 ea.	M4006	Oil Pressure Switch
4 ea.	MS21044D06	Nut
4 ea.	MS35206-231	Screw

4 ea.	NAS43DD1-8	Spacer
2 ea.	327	Lamp
1 ea.	122B-1/8-1/8	Nipple
1 ea.	Custom Kit No. CK-AG-6	Installation Instructions

SPECIAL TOOLS: None

MODIFICATION INSTRUCTIONS:

1. Remove screws attaching right instrument panel and pull out instrument panel to facilitate installation of engine hourmeter.
2. Connect hourmeter to electrical source of 4 to 50 volts dc to advance hourmeter to agree with hours recorded on airplane log book.
3. Install 90325-3 plate on 773 hourmeter (see Figure 1).

NOTE

Attaching hardware furnished with hourmeter.

4. Remove plate from upper outboard instrument cutout on right instrument panel.
5. Install 90325-3 plate, 773 hourmeter, B4755-1 eyebrow light on right instrument panel using MS35206-231 screw. NAS43DD1-8 spacer, AN936A6 washer and MS21044D06 nut (4 places) (see Figure 1).
6. Remove screws attaching left instrument panel and pull out instrument panel to facilitate installation of oil pressure switch.
7. Disconnect existing oil pressure line from engine gage.
8. Remove and discard existing 45° elbow from engine gage.
9. Install 122B-1/8-1/8 nipple, AN917-1J nipple, M4006 oil pressure switch, and AN816-2D nipple on engine gage and connect existing oil pressure line to oil pressure switch(see Figure 1).
10. Install 90325-5 wire assembly, 90325-7 wire assembly and 90325-9 wire assembly and connect to airplane electrical system (see Figure 1).
11. Connect B4755-1 eyebrow light to airplane electrical system (see Figure 1).
12. Install 327 lamp (2 places) on eyebrow light.
13. Reinstall left and right instrument panels.

ELECTRICAL LOAD: No Change

WEIGHT AND BALANCE: The weight and balance change resulting from installation of this Custom Kit is as follows:

WEIGHT (LBS)	H-ARM(INCHES)	H-MOMENT(IN-LBS)
+0.3	63.0	18.9

PUBLICATION AFFECTED: None

AIRCRAFT RECORDS: Make appropriate entry in airplane maintenance records as follows:
Custom Kit N0. CK-AG-06 dated July 7 1975, entitled "Installation
of Engine Hourmeter", accomplished (date)_____.

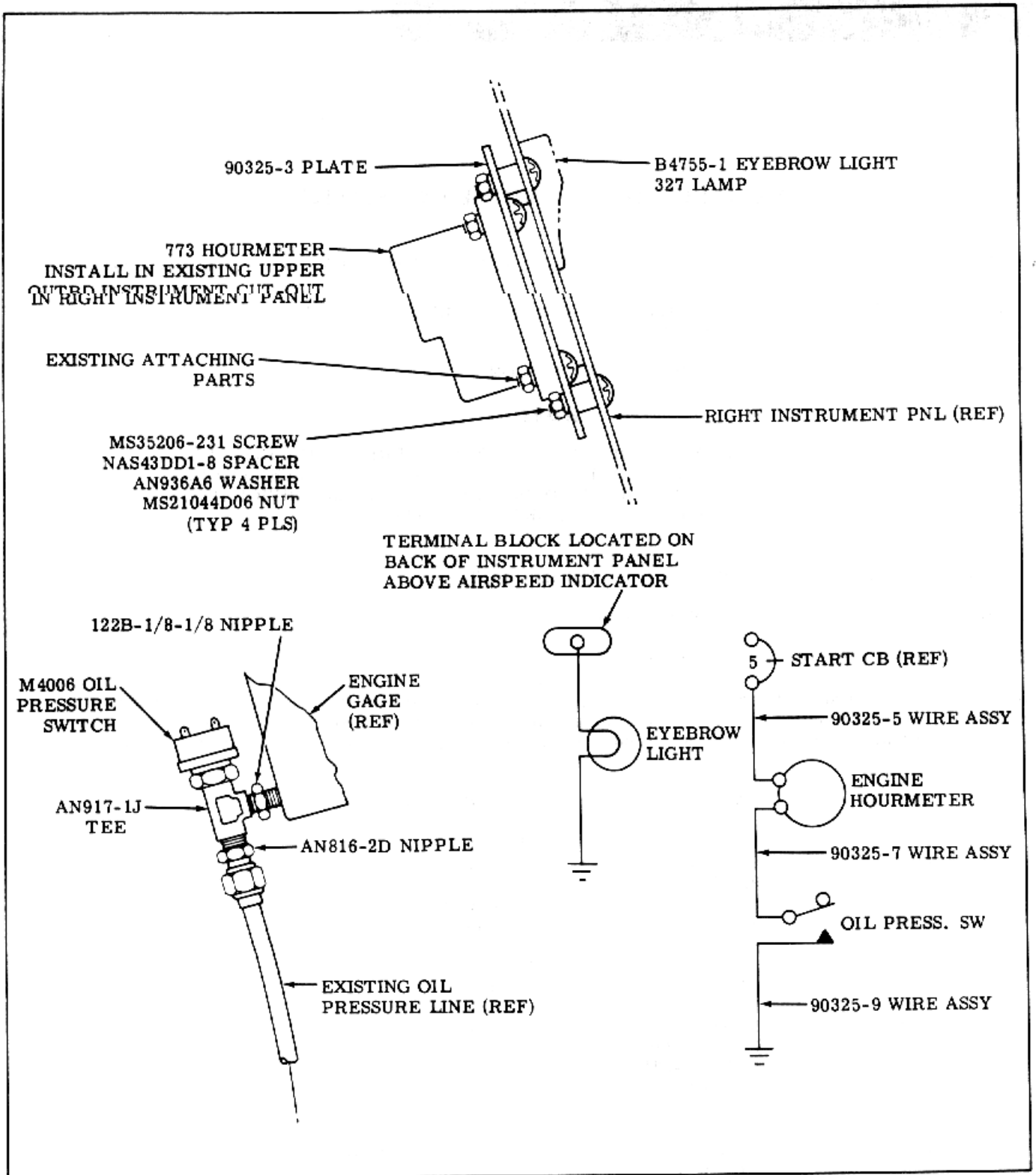


Figure 1.