

Rockwell service letter

No. SL-AG-87

International

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

Service Letter No. SL-AG-87
8 November, 1976

SHOULDER HARNESS AND INERTIA REEL INSTALLATION

MODELS AFFECTED: S-2R, S/N 1416 thru 2240 AND 5000 thru 5082 Equipped with single inertia reel with dual shoulder harness.

REASON FOR PUBLICATION: Provide dual inertia reel system to prevent possible shoulder harness sticking due to belt folding and sticking in guide slots.

COMPLIANCE: Within next 100-hours time in service or next annual inspection, whichever occurs first.

NOTE

If any problems are encountered while complying with this service letter, contact your nearest Thrush Commander dealer or your Thrush Commander Regional service manager (Reference service information no. SI-123.)

BY WHOM WORK WILL BE ACCOMPLISHED: A & P Mechanic or equivalent

APPROVAL: FAA DER Approved

ESTIMATED MAN HOURS: Two (2) Hours

PARTS DATA: Parts required to comply with this Service Letter may be purchased as a kit through your nearest Thrush Commander Dealer for \$168.23. Reference this Service Letter, aircraft model and factory serial number when ordering Service Letter No. SL-AG-87 kit consisting of the following:

Price subject to change without notice

<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
1 ea	10544-1	Bracket Assy.
1 ea	10545-1	Cable Assy.
1 ea	501226-201	Shoulder Harness
2 ea	AN4-7A	Bolt
8 ea	AN960-10	Washer

2 ea	AN960-416	Washer
8 ea	MS21044N3	Nut
2 ea	MS21044N4	Nut
8 ea	MS24694-S53	Screw
1 ea	Service Letter No. SL-AG-87	Instructions

SPECIAL TOOLS: None

ACCOMPLISHMENT INSTRUCTIONS:

- 1 Gain access to shoulder harness attach plate, located on aft fuselage structure, through baggage compartment (if installed) or by removing fuselage side skins immediately aft of cockpit.
- 2 Remove and discard existing weld assembly installed on shoulder harness attach plate.
- 3 Remove screws attaching shoulder harness to aft cockpit closure bulkhead.

NOTE

Retain attaching hardware for installation of new shoulder harness.

- 4 Remove and discard existing shoulder harness assembly.
- 5 Install 501226-201 shoulder harness, 10544-1 bracket assembly and 10545-1 cable assembly (see Figure 1).
- 6 Reinstall fuselage skins if removed in step 1.

ELECTRICAL LOAD: No Change

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

Weight (LBS)	H-ARM (inches)	H-Moment (in-LBS)
+0.5	103.0	51.5

PUBLICATIONS AFFECTED: None.

RECORD COMPLIANCE: Make appropriate entry in airplane maintenance records as follows:

Service Letter No. SL-AG-87 dated 8 November 1976, entitled "Shoulder Harness and Inertia Reel Installation", accomplished (date) _____.

