

# Rockwell custom kit No. CK-AG-03A

International

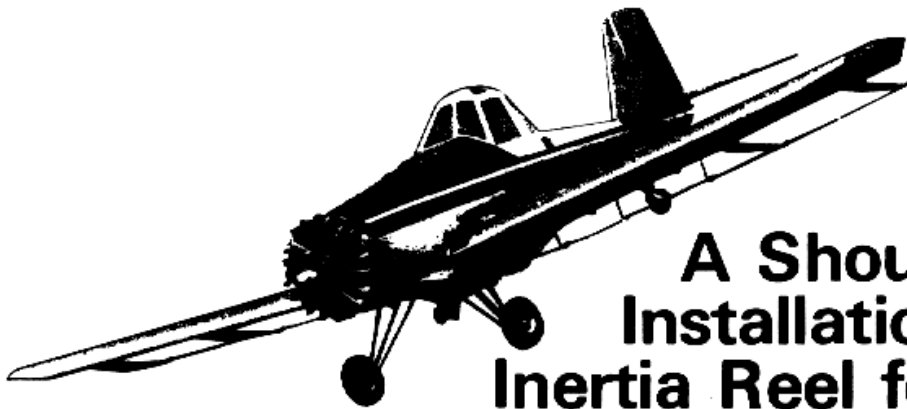
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**CUSTOM KIT NO. CK-AG-3A**  
(Supersedes Custom Kit No. CK-AG-3)

**NOVEMBER 8, 1976**



## A Shoulder Harness Installation with Inertia Reel for Thrush Commanders...

- ALLOWING FULL FREEDOM OF MOVEMENT  
DURING NORMAL FLIGHT ACTIVITY**
  
- PROVIDING POSITIVE PROTECTION WITH  
INCREASED LOADING ON SHOULDER HARNESS**

**EFFECTIVITY: AIRCRAFT SERIAL NUMBERS 1416R AND SUBS.**

**ADD THIS FEATURE TO YOUR THRUSH COMMANDER FOR \$169.01**

## SHOULDER HARNESS AND INERTIA REEL INSTALLATION

**MODELS AFFECTED:** S-2R, S/N 1416R and subs

**REASON FOR PUBLICATION:** Provide shoulder harness with inertia reel.

**COMPLIANCE:** At owner's discretion

### NOTE

If any problems are encountered while installing this custom kit, 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.

**ESTIMATED MAN HOURS:** Three (3) hours.

**APPROVAL:** FAA DER Approved

### PARTS DATA:

Parts required to comply with this Custom Kit may be purchased through your nearest Thrush Commander Dealer for \$169.01. Reference this Custom Kit, aircraft model and factory serial number when ordering Custom Kit No. CK-AG-03A consist 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	AN526-832-10	Screw
4 ea	AN960-8	Washer
8 ea	AN960-10	Washer
2 ea	AN960-416	Washer
4 ea	MS20365-1032	Nut
8 ea	MS21044N3	Nut
2 ea	MS21044N4	Nut
8 ea	MS24694-S53	Screw
1 ea	Custom Kit No. CK-AG-3A	InstructionS

**SPECIAL TOOLS:** None

### ACCOMPLISHMENT INSTRUCTION:

- 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 Locate and make cutout in aft cockpit closure bulkhead in area shown in Figure 1.

- 3 Using harness block for template (furnished with 501226-201 shoulder harness), locate and drill installation holes for harness block (see figure 1.).
- 4 Install 501226-201 shoulder harness, 10544-1 bracket assembly and 10545-1 cable assembly (see figure 1.).
- 5 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 Custom Kit is as follow:

Weight (LBS)	H-ARM (Inches)	H-Moment (In-Lbs)
+2.0	103.0	206

**PUBLICATIONS AFFECTED:** None

**AIRCRAFT RECORDS:** Make appropriate entry in airplane maintenance records as follows:  
 Custom Kit NO. CK-AG-03A dated 8 November 1976, entitled "Shoulder Harness and Inertia Reel Installation", accomplished (date) \_\_\_\_\_.

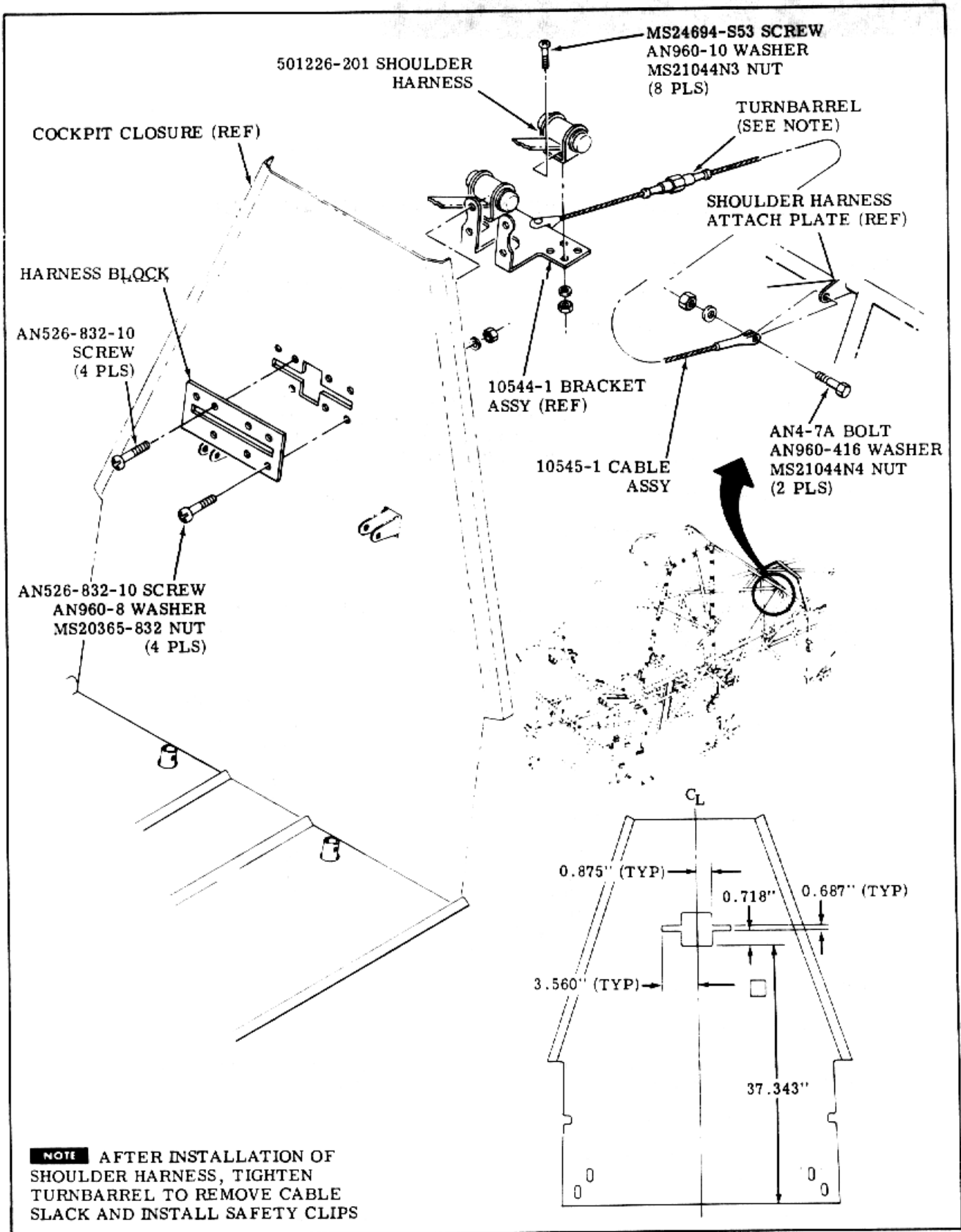


Figure 1.