

Rockwell custom kit International

No. CK-AG-17

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

Custom Kit CK-AG-17
1 July, 1977

EXTENDED CONTROL STICK INSTALLATION

MODELS AFFECTED: S-2R, S/N 1610 thru 2347 and 5000 thru 5083

REASON FOR PUBLICATION: To provide a control stick to help reduce pilot fatigue.

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

APPROVAL:

FAA DER Approved

ESTIMATED MAN HOURS:

Two (2) hours

PARTS DATA:

Parts required to comply with this Custom Kit may be purchased through your nearest Thrush Commander Dealer. Reference this Custom Kit, aircraft model and factory serial number when ordering Custom Kit No. CK-AG-17 consisting of the following:

Price subject to change

<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
1 ea	9006-501	Push Tube Assy
1 ea	50391-1	Control Stick Tube Assy
1 ea	Custom Kit No. CK-AG-17	Instructions

SPECIAL TOOLS: None

ACCOMPLISHMENT INSTRUCTIONS:

- 1 Remove fuselage side skins as necessary to gain access to electrical wiring and electrical control center push tube assembly.

- 2 Remove existing center push tube assembly and install 9006-501 push tube assembly using existing hardware (see Figure 1).
- 3 Remove screws attaching control stick dust cover to dust cover base.
- 4 Disconnect electrical wiring routed through control stick (if installed) and remove pistol grip and electrical wiring from control stick.
- 5 Remove bolts attaching control stick to fork assembly and remove control stick.
- 6 Remove dust cover from control stick.
- 7 Route existing electrical wiring (if applicable) through 50391-1 control stick and install existing pistol grip on control stick.
- 8 Install existing dust cover on 50391-1 control stick and install control stick on fork assembly using existing hardware.
- 9 Reconnect existing control stick mounted Turn Light switch and/or Landing Light switch (if applicable) to airplane electrical system as shown in the Airplane Maintenance Manual, Section X.
- 10 Reinstall dust cover on dust base using existing hardware.
- 11 Check elevator rigging as outlined in the Airplane Maintenance Manual, Section VII.
- 12 Reinstall fuselage side skins removed in step 1.

ELECTRICAL LOAD: No change

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

Weight (LBS)	H-ARM (INCHES)	H-MOMENT (IN-LBS)
+2	+91.0	+182.0

PUBLICATIONS AFFECTED: The illustrated Parts Catalog change required by this document will be incorporated at the next scheduled change/revision.

AIRCRAFT RECORDS: Make appropriate entry in airplane permanent maintenance records as follows: Custom Kit NO. CK-AG-17 dated 1 July 1977, entitled "Extended Control Stick Installation", accomplished (date).

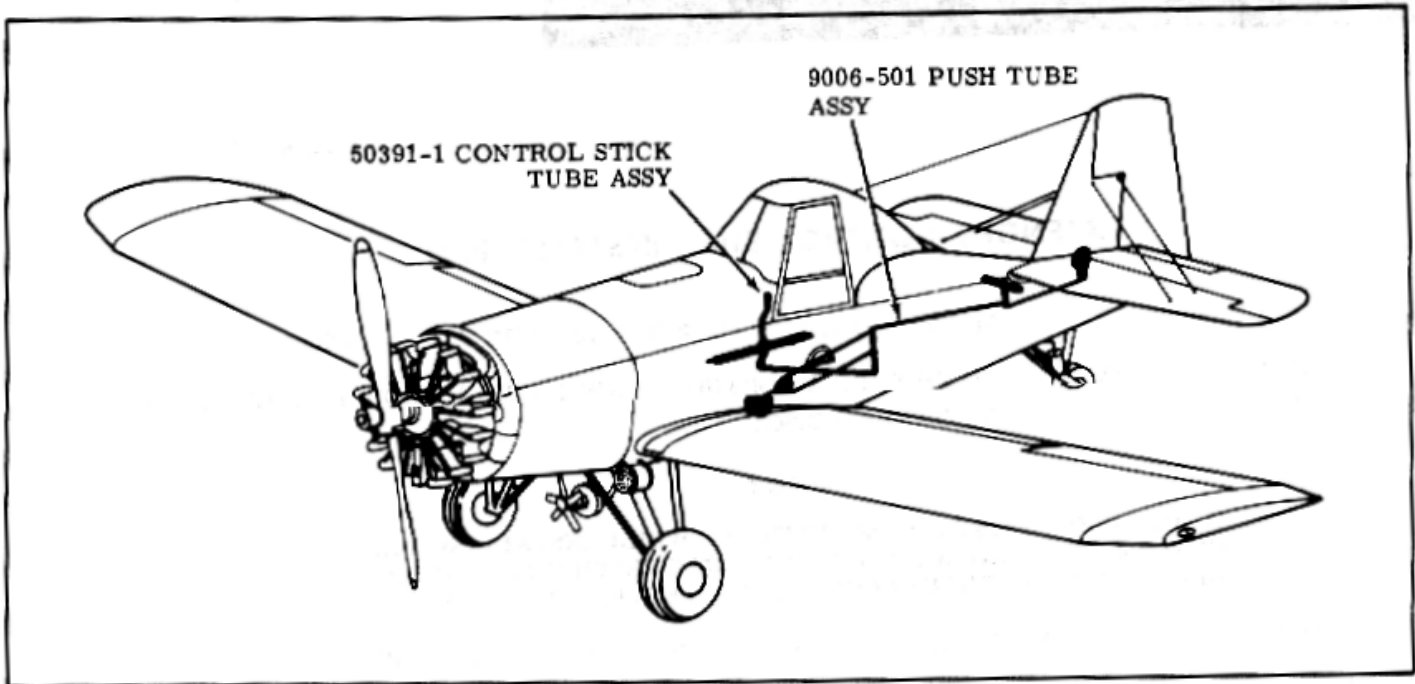


Figure 1.