

International

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

February 13, 1976

**THIS CUSTOM KIT PROVIDES PARTS AND
MODIFICATION INSTRUCTIONS TO REPLACE
24 X 7.7 WHEEL MOUNTING PLATES WITH
27 INCH WHEEL MOUNTING PLATES FOR
ROCKWELL THRUSH COMMANDER SERIAL
NUMBER 1939R THRU 2173R.**

NOTE

**WHEEL AND BRAKES ARE NOT
PROVIDED WITH THIS CUSTOM KIT**

Rockwell custom kit

International

No. CK-AG-11

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Custom Kit CK-AG-11
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MAIN LANDING GEAR WHEEL ADAPTER KIT

MODELS AFFECTED: Model S-2R, Serial No's 1939R thru 2173R equipped with 24 x 7.7 wheels.

REASON FOR PUBLICATION: Provide an adapter kit to change the strut from 24 x 7.7 wheel mounting plates to accommodate 27-inch wheels.

COMPLIANCE: At owner's discretion

NOTE

If any problems are encountered while installing this Custom Kit, contact the nearest Thrush Commander dealer or your Regional Service Manager. Reference Service Information No. SI-123.

BY WHOM WORK WILL BE ACCOMPLISHED: A & P Mechanic or Equivalent and Certified Welder.

APPROVAL: FAA DER Approved

ESTIMATED MAN HOURS: Twenty (20) 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-11 consisting of the following:

<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
2 ea.	K50386-1	Weld Assy
2 ea.	50330-1	Axle
2 ea.	AN5-30A	Bolt
2 ea.	AN960C516	Washer
2 ea.	MS21044N5	Nut
1 ea.	Custom Kit No. CK-AG-11	Instructions

SPECIAL TOOLS: Cutting equipment to remove existing wheel mounting plate and welding equipment to install new wheel mounting plate.

ACCOMPLISHMENT INSTRUCTIONS:

1. Release parking brakes.
2. Jack airplane as outlined in Thrush Commander Owner's Manual, Section III.
3. Remove left and right wheel assemblies.
4. Disconnect and cap brake hydraulic lines at brake housings.
5. Remove left and right brake assemblies.
6. Remove and discard existing axles.
7. Cutoff existing wheel mounting plates and trim landing gear tripod hubs to dimensions shown in Figure 1.
8. Remove and discard existing bushings from tripod hub.
9. Install K50386-1 weld assembly in landing gear tripod hub and weld (see Figure 1.).
10. Install 50330-1 axle and line drill a 0.315 (± 0.001) inch diameter hole in existing tripod hub, axle and K50386-1 weld assembly (see Figure 1.).

NOTE

The tripod modification is complete and ready for Installation of new 27-inch wheels and brakes.

11. Install new 27-inch wheels and brakes and reconnect brake lines.

ELECTRICAL LOAD: No Change

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

WEIGHT (LBS)	H-ARM (INCHES)	H-MOMENT (IN-LBS)
+2.78	+3.10	+8.62

PUBLICATION AFFECTED: None

AIRCRAFT RECORDS: Make appropriate entry in airplane maintenance records as follows: Custom Kit No. CK-AG-11 dated February 13, 1976, entitled "Main Landing Gear Wheel Adapter Kit", accomplished (date).