

# Rockwell service bulletin

International

No. SB-AG-4

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

Service Bulletin No. SB-AG-4  
September 19, 1974

## WHEEL INSTALLATION

EFFECTIVITY: MODEL S-2R, SERIAL NO'S 1939 THRU 2051.

COMPLIANCE: SEE BELOW.

### NOTE

IF ANY PROBLEMS ARE ENCOUNTERED WHILE COMPLYING WITH THIS SERVICE BULLETIN, CONTACT ROCKWELL INTERNATIONAL GENERAL AVIATION DIVISION, CUSTOMER SERVICE DEPARTMENT, BETHANY, OKLAHOMA 73008.

APPROVAL: FAA DER Approved.

PURPOSE: To assure that wheel nuts are not too tight and to prevent possible burn out of bearings.

### INSTRUCTIONS:

PART I - TO BE ACCOMPLISHED UPON RECEIPT OF THIS SERVICE BULLETIN.

- a. Jack aircraft as outlined in Section III of Thrush Commander Owner's Manual.
- b. Remove existing cotter pin from left and right main wheel assemblies and remove existing nuts and washers.
- c. Lubricate contacting surfaces of existing nuts and washers with MIL-L-3545 grease.
- d. Install existing nuts and washers on axle and tighten as follows
  1. While rotating wheel, torque nut to 80 inch-pounds.
  2. While rotating wheel, back nut off to zero (0) inch-pound.
  3. While rotating wheel, finger tighten nut not to exceed 40 inch-pounds.

- 4. If nut is not in locking position, advance nut to next position (not to exceed 30° and/or 40 inch-pound) while wheel is rotating.
- 5. Install MS24665-306 cotter pin (purchase locally).
- e. Remove jacks from aircraft.
- f. Fill out and mail enclosed compliance card.
- g. Proceed to AIRCRAFT RECORDS.

**PART II – TO BE ACCOMPLISHED WITHIN FIFTY (50) FLIGHT HOURS AFTER RECEIPT OF THIS SERVICE BULLETIN.**

- a. Jack aircraft as outlined in Section III of Thrush Commander Owner’s Manual.
- b. Remove and discard existing cotter pins from left and right main wheel assemblies.
- c. Remove and lubricate contacting surfaces of existing nuts and washers with MIL-L-3545 grease.
- d. Install existing nuts and washers on axle and tighten as follows:
  - 1. While rotating wheel, torque nut to 80 inch-pounds.
  - 2. While rotating wheel, back nut off to zero (0) inch-pounds.
  - 3. While rotating wheel, finger tighten nut not to exceed 40 inch-pound.
  - 4. If nut is not in locking position, advance nut to next position (not to exceed 30° and/or 40 inch-pounds) while wheel is rotating.
  - 5. Install NAS561C4-22 or NAS561P4-22 roll pin.
- e. Remove jack from aircraft.
- f. Fill out and mail compliance card.

SUPPLY DATA: The following parts may be purchased locally or through your nearest Thrush Commander Distributor:

PART I QTY	PART II QTY	PART NO.	DESCRIPTION
2 ea.		MS24665-306	Cotter Pin
	2 ea.	NAS561C4-22 or NAS561P4-22	Roll Pin
1 ea.	1 ea.		Compliance Cards

ELECTRICAL LOAD: Not Applicable.

WEIGHT AND BALANCE: Not Applicable

AIRCRAFT RECORDS:

Make appropriate entry in aircraft maintenance records as follows: Service Bulletin No. SB-AG-4, dated September 19, 1974, entitled "Wheel Installation", Part I accomplished \_\_\_\_\_(dated)\_\_\_\_\_. Part II accomplished \_\_\_\_\_(dated)\_\_\_\_\_.