

**SUBJECT:** NOSE GEAR ASSEMBLY, INSPECTION OF THE NOSE WHEEL AXLE FOR CORROSION.

**AIRCRAFT AFFECTED:** BEECHCRAFT Musketeer A24R, serials MC-3 through MC-62, except MC-22, MC-23, MC-39, MC-42, MC-43, MC-48, and MC-54.

**REASON FOR INSPECTION:** To prevent corrosion of the nose wheel axle.

**ACCOMPLISHMENT:** At the next 100-hour inspection or within 90 days from receipt of these Service Instructions.

**DESCRIPTION:** On the BEECHCRAFT A24R, serials noted above, it is recommended that the nose wheel axle be inspected for possible corrosion. This inspection may be accomplished as follows:

1. Elevate the nose gear with a jack and remove the nose wheel.
2. Remove the spacer from the axle and inspect for corrosion in the area covered by the spacer. The cadmium plating may be missing from the axle in an area starting adjacent to the fork assembly and extending up to one inch from the fork assembly.
3. Remove all corrosion with crocus cloth or No. 400 emery cloth and clean the area with thinner or methyl ethyl ketone.
4. Prime the area with zinc chromate primer and reinstall the spacer while the zinc chromate is wet.
5. Reinstall the nose wheel and remove the jack.

Upon completion of these Service Instructions, enter an appropriate statement in the aircraft log book, and return a completed compliance card to Beech Aircraft Corporation.

Man-hours estimate for planning purposes: 2 hours.

Number of men required to accomplish inspection: 1 man.

**COMPLIANCE CARD RETURN REQUIRED**

No BECP

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