AD/BEECH 400/7 Wheel Speed Transducer Drive Clip 6/94 DM

Applicability: Model 400A aircraft with serial numbers RK-1 through RK-23, on which Beechcraft Kit No. 128-8001-1S (increased landing weight modification) is installed; and aircraft with serial numbers RK-24 through RK-76.

Requirement:

1. Replace the existing left and right hand hubcaps on the main landing gear with new hubcaps, part number 140-03121-1; or rework the existing hubcaps by adding a spacer between the hubcap drive clip and the hubcap and reidentifying the hubcap assembly as part number 140-03121-1; in accordance with Beechcraft Service Bulletin 2549.

2. Incorporate into the System of Maintenance for the aircraft, the procedure described in Beechcraft Service Bulletin 2549; for inspecting the transducer drive clip to ensure that the drive clip gap does not exceed 0.20 inch (5 mm), which must be accomplished each time a hubcap is removed.

Note 1: FAA AD 94-04-07 Amdt 39-8827 refers.

Note 2: Requirement 2 of this Directive will require approval in accordance with CAR 42M.

Compliance: Within 25 hours time in service after 27 April 1994, or prior to 27 May 1994, whichever occurs first.

Background: The FAA received a report that a Beech 400A aircraft lost its anti-skid braking system during landing roll out. Tests and inspections of the brakes and anti-skid system have revealed that only marginal engagement may occur between the main wheel hubcap drive clip and the anti-skid wheel speed transducer.