

No. 0092-220

19, 23, 24

**SUBJECT:** BRAKE MASTER CYLINDER, MODIFICATION OF VHR625NL MASTER CYLINDER (PILOT'S) TO OBTAIN CLEARANCE FOR THE LEFT PARKING BRAKE VALVE ACTUATING ARM.

**AIRCRAFT AFFECTED:** BEECHCRAFT Musketeer, Models 23, A23, A23A, A23-19, 19A and A23-24 prior to M-1035, MB-265, and MA-234 on which the subject master cylinder was installed as original equipment or on which it was installed as a replacement part.

**REASON:** To improve master cylinder and provide clearance for the left parking brake valve actuating arm from the floor structure.

**ACCOMPLISHMENT:** As soon as possible after receiving this instruction, but no later than at the next 100 hour inspection.

**DESCRIPTION:** The solid pin used as original equipment to secure the parking brake actuating arm to the valve shaft has been reported to be loose and may work out, allowing the valve to go to the closed position. Replace the solid pin with a roll pin, P/N MS9048-074.

In order to obtain clearance between the pilot's left master cylinder parking brake valve actuating arm and the floor structure, it is recommended that the following modification be accomplished:

1. Move the left rudder pedal to the full forward position by turning the nose gear to its extreme travel limit with the tow bar.
2. Mark the point at which the parking brake arm strikes the floor.
3. Disconnect the master cylinder from the top and bottom anchor points and move it to one side.
4. Cut or drill a 1.00 inch diameter hole in the floor using the mark applied in Step 2 as the center.
5. Reinstall the master cylinder.

#### NOTE

It should not be necessary to disconnect the hydraulic lines in order to accomplish these instructions.

After complying with these service instructions, make an appropriate entry in the aircraft log book and return the attached compliance card to Beech Aircraft Corporation.

The following parts are required:

PART NUMBER	DESCRIPTION	QUANTITY
MS9048-074	Roll Pin	2 each

968

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