

# Beechcraft Corporation

## BARON 55 AND 58 MAINTENANCE MANUAL

### (b) Installation

**NOTE:** Install the flap track rollers (four rollers per flap and two rollers per track) in the flap track with the flanges of the rollers in one track facing the flanges of the rollers in the other track.

- 1 Hold the flap in position and install the rollers and bolts in the flap track (Ref. Figure 201).
- 2 Connect the bonding cable and install the bolt in the flap actuating arm.

### (2) Flap Track Wear Limits

The allowable track wear on the bearing surfaces is 0.032 inch, resulting in a maximum dimension of 0.785 inch for the slot in the flap track. The allowable wear into the track side surface is 0.050 inch.

Track wear within the preceding limitations can be dressed smooth with fine emery cloth to prevent roller binding. Lubricate by brushing the flap tracks with "Molykote Z" lubricant (Ref. 20-40-00, Table 1, 12) mixed with solvent (Ref. 20-40-00, Table 1, 18).

### (3) Flap Track Repair

**CAUTION:** If the flap track is worn beyond the maximum allowable dimension, do not attempt repair. Replace the worn track.

- (a) Clean the area of the flap track to be repaired with solvent (Ref. 20-40-00, Table 1, 19) or equivalent.
- (b) Roughen the area to be repaired with emery cloth.
- (c) Clean the flap track with soap and water, rinse and dry with a lint-free cloth or blow dry with filtered shop air.
- (d) If the depth of the area to be repaired is less than 0.020 inch, use epoxy liquid Devcon wear resistant putty (WR-11210). If the depth of the area to be repaired is 0.020 inch or greater, use epoxy paste Devcon wear resistant putty (WR-11410).

**NOTE:** The pot life of epoxy liquid Devcon wear resistant putty is 50 minutes at 75°F.

The pot life of epoxy paste Devcon wear resistant putty is 60 minutes at 75°F.

- (e) Mix a sufficient amount of the appropriate Devcon wear resistant putty to perform the repair to the flap track.
- (f) Apply the epoxy putty to the area to be repaired. When the epoxy putty is sufficiently cured work the epoxy putty into the flap track.
- (g) Sand the epoxy putty using 320-grit emery cloth or equivalent.
- (h) Apply corrosion preventive compound (Ref. 20-40-00, Table 1, 54) to the repair area of the flap track. Allow time for the corrosion preventive compound to dry.
- (i) Apply one coat of epoxy primer (Ref. 20-40-00, Table 1, 22) to the flap track.