Planning Information
MTV-9-B-S/198-58B
Rework and Modification of Blade Preload Nut A-1368 and Blade Ferrule A-1367

Background:
During operation the pre-load / bearing washer C-235 can wear into the Blade Ferrule A-1367. The Blade Ferrule can be reworked according to this Service Letter in the affected area according to Figure 1. The Preload Nut A-1368 must be reworked before assembly that the outer O-ring has lower friction. The dimension in Figure 2 should be maximum 4,1 mm (0,161 inch).

Affected Parts:
Blade Ferrule A-1367
Blade Preload Nut A-1368

Work Procedure:
Clamp the complete blade at the Blade Ferrule into the lathe (maximum 150 rpm). Rework the worn area with a radius tool (radius 3-5 mm / 0,12 - 0,20 inch) until the sharp worn area is round. Remove not more material so that a minimum diameter of 103,5 mm (4,07 inch) is still existing. After rework treat the area with Alodine. Clamp the blade pre-load nut into a lathe and rework the nut until a dimension of 4,1 mm (0,161 inch) is given. After rework re-anodize nut or put Alodine on affected area.
Since mid of year 2004 the Preload Nuts are already manufactured with this dimension.

Publications Affected:
Overhaul Manual E-220;
Standard Practice Manual E-808;
Follow all standard procedures for disassembly / assembly and repair as described in the affected Manuals.