

ECD 002 Tail Rotor Grip Bearing Inspection Procedure

1. Remove tail rotor blades and bearings from spindle IAW Enstrom maintenance manual.



2. Lay a flat plate over the rails of the press and place an AN960-C1216 washer on the plate. The purpose of the washer is to space the inner race of the bearings off of the press base.

Washer.

3. Install a 9/16 deep socket in the middle of the washer and the first bearing on top of the washer.



The first bearing needs to be installed with the side marked 'thrust here' up.

4. Install the 28-150055 bearing retainer on to the bearing, and then the second bearing. The second bearing needs to be installed with the outside race marked 'thrust here' down.



5. Install a second washer over the inner race of the bearing. Be sure that the top surface of the washer is higher than the top surface of the socket.



6. Press on the top washer with an arbor or hydraulic press while turning the outside of the bearings by hand. They will feel as there is drag on them but if they are serviceable, they will feel smooth. If they are pitted, it will be immediately obvious.

