

SERVICE LETTER SL59 66-12020

1. **Release Date:** December 10, 2024

2. **Service Letter No.:** SL59 66-12020

Rev I/R

3. **Subject:** Torquing of eyebolt

4. **Part/Assembly No.:** 66-12020

5. **Float Model (s) Affected:** 6650

6. **Compliance:** ☒ **Mandatory** ☐ **Recommended** ☐ **Optional**

7. **Approval:** All information provided is in accordance with approved data.

8. **Corrective Action:** Complete below instructions within 100 hours flight time.

9. **Call Parts Department (208) 448-0400 for Parts Kit**

1. Preparation:

- A. The following instructions will require two technicians to complete safely.
- B. Secure the aircraft, wheels chocked.
- C. Remove fairing at aircraft main landing gear trunnion.

2. **66-12182 Eyebolt Torque Check:** Final torque of the eyebolt nut, MS17825-12, shall be at least 100ft.-lb. and shall not exceed 175 ft.-lb. Existing installations may be re-torqued if the installed torque was less than 210 ft.-lb. Use the following instructions to determine the installed torque.

- A. Remove MS24665-362 Cotter Pin.
- B. Assistant: Firmly secure aft tie rod with an adjustable wrench, or equivalent tool.
- C. Apply torque to the MS17825-12 Nut, starting at the minimum 100 ft.-lb. torque and until a slight turning of the nut is achieved, or a maximum installed torque value of 210 ft.-lb. is met.
- D. If no movement is detected before 210 ft.-lb. is achieved, then REPLACE 66-12182 Eyebolt in accordance with **3. Eyebolt Installation Procedure** below.
- E. If movement is achieved before 210 ft.-lb. is reached, then re-torque the nut 100 ft.-lb. to 175 ft.-lb. and attain cotter alignment.
- F. If 100 ft.-lb. to 175 ft.-lb. final torque cannot be met within cotter alignment, then add NAS1149D1216J or K washer beneath the nut using the instructions below for eyebolt installation.
- G. Install cotter and proceed to **4. Completion**, following.

- 3. 66-12182 Eyebolt Installation Procedure:** This section is for replacement or re-installation of the eyebolt, washer or nut.
- Hoist airplane in accordance with Service Manual A-10038, §15.1.2 thru §15.1.4 as necessary to replace eyebolts.
 - Loosen rear tie rods and replace rear eyebolts (66-12182). (Maintain eyebolt alignment using an adjustable wrench or equivalent.)
 - Tighten the eyebolt nut enough to take up slack (Approximately 10-12 ft-lb. torque).
 - Tighten tie rod assemblies to remove any bow and assure alignment of eyebolts in clevis slots.
 - Hold the tie rod in place with an adjustable wrench (or equivalent tool) and apply final torque of 100-175 ft-lb. Add one NAS1149D1216J or K if necessary to align cotter hole and stay within maximum torque range. (This washer will produce about ¼ turn (90°) change in nut alignment.)
 - Complete tie rod adjustments and tensions in accordance with Service Manual A-10038, §15.3.

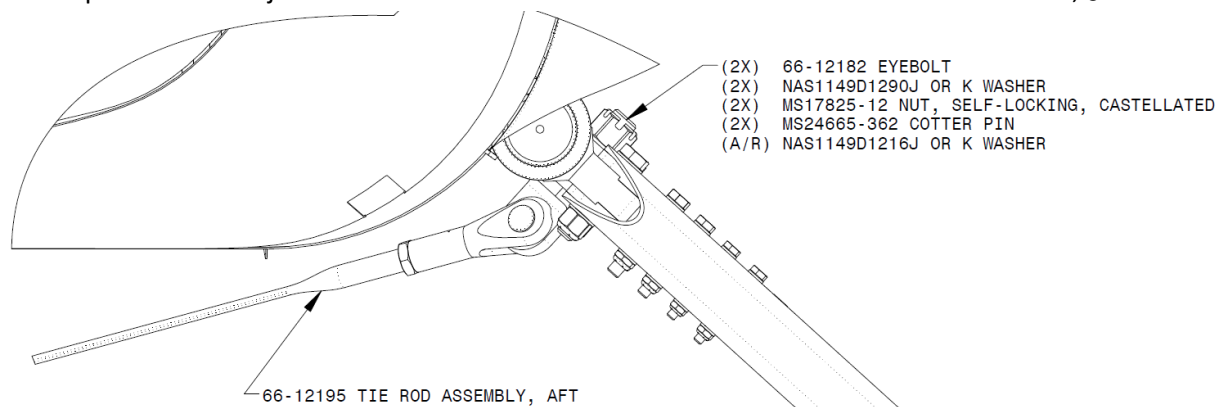


Figure 1 - SHOWING MID/REAR STUT AT MLG TRUNION, LHS (View facing aft, from front.

4. Completion:

- Re-install cotter pin, and re-apply anti-corrosion compounds to components as necessary. (Ref A-10038 §13.4; & §17.8)
- Re-install fairing.
- Record activity in airplane logbook as applicable.

END