

---

AIRCRAFT MAINTENANCE MANUAL

# TEMPORARY REVISION 25-02

**FILING INSTRUCTIONS:** Print this Temporary Revision on double sided 8.5 X 11 inch yellow paper. Put this Temporary Revision facing page 201 of 25-55-00 (which is a permanent pageblock).

Record the incorporation of this Temporary Revision on the yellow **RECORD OF TEMPORARY REVISIONS** sheet at the front of the manual.

Keep this Temporary Revision until normal revision service incorporates the information into the DA42 L360 Aircraft Maintenance Manual.

**DESCRIPTION:** This Temporary Revision adds the maintenance practices pageblock for the removal and installation of the Nose Forward Bulkhead Ballast.

## NOSE FORWARD BALLAST - MAINTENANCE PRACTICES

### 1. General

This chapter describes how to remove and install the ballast plate assembly and the clamps on the adjustable ballast system mounted on the nose bulkhead of the DA42 L360 aircraft.

### 2. Remove/Install the Ballast Plate Assembly and Clamps

#### A. Remove the Ballast Plate Assembly and Clamps

	Detail Steps/Work Items	Key Items/References
1.	Open the nose baggage compartment doors.	
2.	Open the cylinder clamps.	Make sure that the cylindrical ballasts do not fall out.
3.	Remove the cylindrical ballasts.	Refer to Figure 201.
4.	Remove the cylinder clamps as follows: <ul style="list-style-type: none"> <li>- Remove the six pan head screws</li> <li>- Remove the six thin washers.</li> </ul>	Turn the clamp clips outboard.

	Detail Steps/Work Items	Key Items/References
5.	Remove the ballast base plate assembly as follows: <ul style="list-style-type: none"> <li>- Remove the 12 counter sunk screws</li> <li>- Remove the ballast base plate.</li> </ul>	Refer to Figure 201.

B. Install the Ballast Base Plate Assembly and Clamps

	Detail Steps/Work Items	Key Items/References
1.	Install the six (three if LH only is installed) ballast base plate assemblies as follows: <ul style="list-style-type: none"> <li>- Install the 24 countersunk screws.</li> </ul>	Refer to Figure 201.
2.	Install two Neoprene Foam Tape strips (P/N 892-361) to the inside of each cylinder clamp.	Refer to Figure 202.
3.	Install the six (three if LH only is installed) cylinder clamps as follows: <ul style="list-style-type: none"> <li>- Install the six thin washers.</li> <li>- Install the six pan head screws.</li> </ul>	Turn the clamp clips to face inboard. Refer to Figure 201.
<p><b>NOTE:</b> Install the screws carefully to make sure that the thread does not bottom out on the nose bulkhead.</p>		
4.	Apply Aeroshell 22 to all of the dowel pins on the ballast base plate assemblies	
5.	Open the cylinder clamps and install the necessary amount of cylindrical ballasts.	
6.	Close the cylinder clamps.	Make sure that the cylindrical ballasts are held securely.
7.	Close the nose baggage compartment doors.	

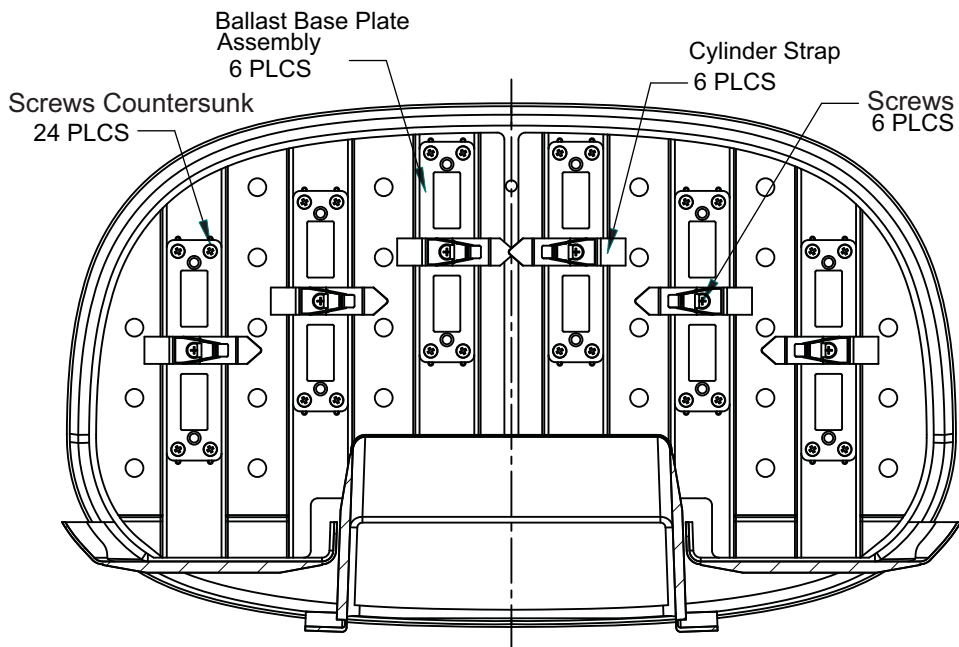


Figure 201 - Ballast Plate Assembly Installation

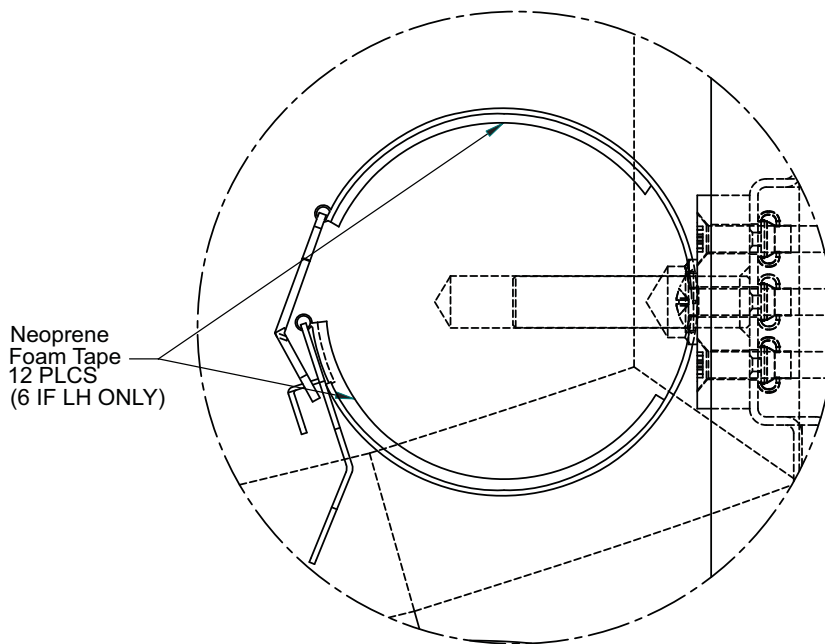


Figure 202 – Neoprene Foam Tape Installation

**Intentionally Left Blank**