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AIRCRAFT MAINTENANCE MANUAL

# TEMPORARY REVISION 25-01

**FILING INSTRUCTIONS:** Print this Temporary Revision on double sided 8.5 X 11 inch yellow paper. Put this Temporary Revision facing page 1 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 description and operation pageblock for the **Nose Forward Bulkhead Ballast**.

## NOSE FORWARD BALLAST - DESCRIPTION AND OPERATION

### 1. General

A ballast assembly has been installed within the nose baggage bay area of the DA42 L360 aircraft for identified loading configurations in order to maintain the specified aircraft centre of gravity envelope. The ballast assembly installed can be comprised of one ballast mounting bracket, installed on only the left hand side of the aircraft or two ballast mounting brackets, installed on the left hand side and the right hand side of the aircraft.

Each ballast mounting bracket weighs 1.81 kg (3.90 lbs) and can be loaded with up to three cylindrical ballasts. The cylindrical ballasts each weigh 5.08 kg (11.20 lbs). Both ballast mounting brackets loaded with three cylindrical ballasts will give a total weight of 34.10 kgs (75.00 lbs).

The ballast assembly permits the pilot to maintain the weight limits and C of G for the DA42 L360 at all payload configurations.

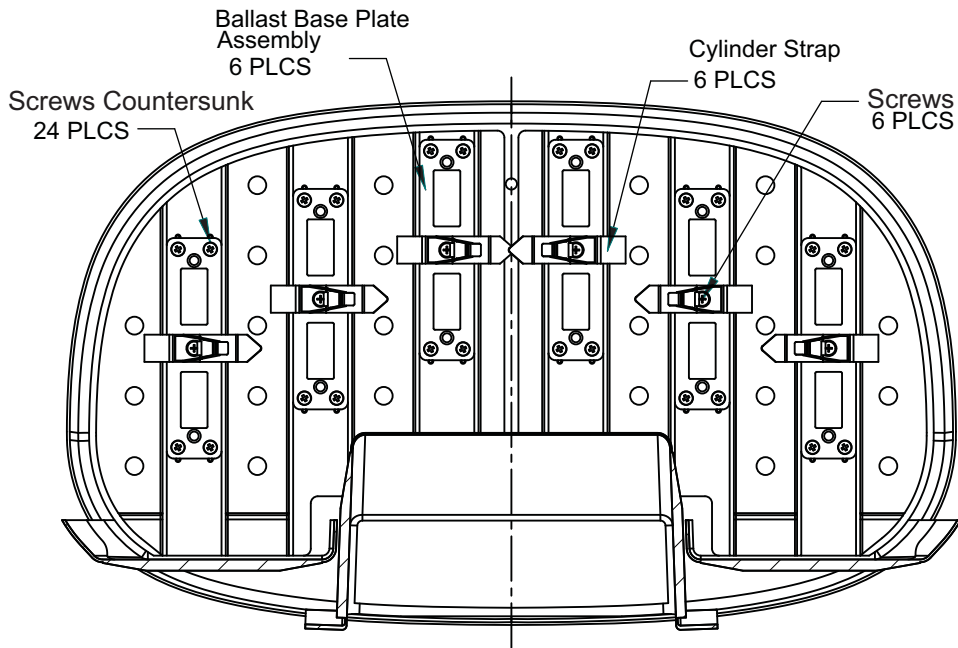


Figure 1 – Nose Forward Bulkhead Ballast Baseplate and Clamps Installation