

Step 64: Calculate a new weight and balance using the following correction factor

Weight Added : 2.22 lb

Arm: 99.09 inches aft of datum which is 70 inches ahead of the leading edge.

Moment = 2.22 lb X 99.09 inches = 109.63 inch - lb

For further information on weight and balance see the weight and balance section in the Production Acceptance Procedures document.

Make an entry on page W&B-2 of the RV-12 Production Acceptance Procedures as follows:

As of this date; 1/10/13 the following values represent current Weight and Balance calculations resulting from the installation of SB 12-11-09.

Revised Empty Weight: 721.22 lbs
Revised Empty Moment: 58,174.12 in-lbs
Revised Empty Arm: 80.66 in

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Signed: _____

Transfer the new weight and balance information to the Pilot Operating Handbook for the aircraft.

Step 65: Complete a log book entry recording compliance with S.B.

Note: Re-torque all landing gear attach bolts after 5 flights hours.