

**BY ORDER OF THE CHIEF,
NATIONAL GUARD BUREAU**



TECHNICAL ORDER 1-1B-50

**AIR NATIONAL GUARD
Supplement 1**

1 NOVEMBER 2003

Technical Order

AIRCRAFT WEIGHT AND BALANCE

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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TO 1-1B-50, 01 Feb 03 is supplemented as follows:

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

4-5. The Air National Guard (ANG) Wing, Group, or Squadron Commander will establish effective control for the weight and balance of all possessed aircraft. If additional weight and balance procedures are required beyond those in TO 1-1B-50 and the Mission Design Series (MDS) specific instructions, it will be documented in a wing or group Operating Instruction (OI), or as a supplement to this instruction.

4-5.2. The Quality Assurance (QA) Supervisor will be the Weight and Balance (W&B) Authority/Manager for the Wing, Group, or Squadron. The W&B Authority may appoint a W&B Manager. The W&B Authority may also appoint a primary and alternate W&B Technician as required.

4-5.2. If a unit infrequently weighs, the W&B Authority will ensure that the W&B Manager and Technicians remain proficient by annually reviewing W&B policies, procedures, technical data and the Air Education Training Command (AETC) computer based training (CBT), as required. The W&B Authority may recommend that practical experience be obtained by scheduling participation in an actual aircraft weighing at another unit with the same MDS, or by attending an MDS-specific Weight and Balance Technical Interchange Meeting (TIM). For units that do

not have the requirement/need to weigh their assigned MDS, the unit W&B Authority may waive the practical experience requirement, i.e., C-5 and KC-135 aircraft.

4-8.1. The option to maintain supplemental handbooks for non-fighter aircraft is delegated to the Wing, Group, or Squadron Commander. If the commander possessing the non-fighter aircraft elects to maintain supplemental handbooks for storage on the aircraft, then the location of the primary handbooks will be determined by that Wing, Group, or Squadron Commander. As a minimum, the supplemental handbooks will be maintained in accordance with (IAW) the instructions in the basic TO. The authority to determine the location of the primary weight and balance handbooks for fighter aircraft is delegated to the Wing, Group or Squadron Commander. The Wing, Group, or Squadron Commander will document the location of the primary and any supplemental handbooks, along with any additional maintenance instructions in an appropriate wing, group, or squadron regulation, or other directive.

4-9.2.2. Canned Forms F will be filed, as determined by the Maintenance Group Commander (MXG/CC).

5-6.2.9. The entry option is deferred to the MXG/CC.

5-6.2.17. The entry option is deferred to the MXG/CC.

5-6.2.25. NOTE. The accomplishment option is deferred to the MXG/CC.

5-6.3.19. NOTE. The accomplishment option is deferred to the MXG/CC.

11-4. The option to use vector diagrams is delegated to the Wing, Group, or Squadron Commander.

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