

NOTICE OF CHANGE

NOT MEASUREMENT SENSITIVE

MIL-STD-1811 (USAF)
NOTICE 1
02 APR 92

MILITARY STANDARD

MASS PROPERTIES CONTROL FOR SPACE VEHICLES

TO ALL HOLDERS OF MIL-STD-1811 (USAF)

1. This change notice incorporates the correct data item description reference numbers (DI-GDRQ-811XX changed to DI-GDRQ-812XX). THE FOLLOWING PAGES OF MIL-STD-1811 (USAF) HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

<u>NEW PAGE</u>	<u>DATE</u>	<u>SUPERSEDED PAGE</u>	<u>DATE</u>
15	12 AUG 91	15	REPRINTED WITHOUT CHANGE
16	02 APR 92	16	12 AUG 91

2. RETAIN THIS NOTICE AND INSERT BEFORE TABLE OF CONTENTS.
3. Holders of MIL-STD-1811 (USAF) will verify that page changes indicated above have been entered. This notice page will be retained as a check sheet. This issuance, together with appended pages, is a separate publication. Each notice is to be retained by stocking points until the Military Standard is completely revised or cancelled.

Custodian:
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(Project Number 1810-F048)
Doc 2447b Arch 1427b

AMSC N/A

FSC 1810

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SECTION 6

NOTES

The contents of this Notes section are not compliant.
The notes are intended for use by Government Acquisition
personnel for guidance and information only.

6.1 INTENDED USE

This standard is intended for use in acquisition contracts for selected space systems and space vehicles. The standard should be cited in the contract statement of work to specify the mass properties control requirements for the space vehicles as may be applicable to the acquisition. The mass properties control requirements specified are generally applicable to space vehicles, upper stage vehicles, injection stages, satellite payloads, reentry vehicles, launch vehicles, ballistic vehicles, or for other vehicles. For all applications the term "space vehicle" is to be interpreted as the applicable vehicle.

6.2 TAILORED APPLICATION

The requirements in each contract should be tailored to the needs of that particular program. Military specifications and standards need not be applied in their entirety. Only the minimum requirements needed to provide the basis for achieving the program requirements should be imposed. The cost of imposing each requirement of this standard should be evaluated by the program office against the benefits that should be realized. However, the risks and potential costs of not imposing requirements shall also be considered. Improper control of the mass properties of space and launch vehicles may allow the fabrication of vehicles that cannot meet the required performance or achieve the required stability.

6.3 DATA ITEM DESCRIPTION

When this standard is used in an acquisition and data are required to be delivered, the data requirements identified below shall be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the approved Contract Data Requirements List (CDRL), incorporated into the contract. When the provisions of DOD FAR Supplement, Part 27, Sub-part 27.410-6 (DD Form 1423) are invoked and the DD Form 1423 is not used, the data specified below shall be delivered by the contractor in accordance with the contract or

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purchase order requirements. Deliverable data required by this standard is cited in the following paragraphs.

Paragraph No.	Data Requirement Title	Applicable DID No.
4.1 & 5.1	Mass Properties Control Plan	DI-GDRQ-81227
4.2 & 5.2.7	Mass Properties Verification Plan	DI-GDRQ-81228
5.1 & 5.2	Detail Mass Properties Report	DI-GDRQ-81229
5.1 & 5.2	Mass Properties Status Report	DI-GDRQ-81230
5.1 & 5.2	Miscellaneous Mass Properties Report	DI-GDRQ-81231

Each data item must be specified on the DD Form 1423 to be invoked.

(Data item descriptions related to this standard, and identified in Section 6, will be approved and listed as such in DoD 5010.12-L, Acquisition Management System and Data Requirements Control List (AMSDL). Copies of data item descriptions required by the contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)

6.4 SUBJECT TERM (KEY WORD) LISTING

Mass Properties
 Mass Properties Control
 Weight Growth
 Current Mass Properties

6.5 SUPERSESSION DATA.

This issue of MIL-STD-1811 is a complete revision that supersedes MIL-M-38310 for new designs. The previous issues of MIL-M-38310 remain in effect to cover the procurement of previously designed equipment.

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