

MIL-T-6053C(USAF)  
AMENDMENT 1  
1 March 1984

MILITARY SPECIFICATION  
TESTS, IMPACT, SHOCK ABSORBER  
LANDING GEAR, AIRCRAFT

This amendment forms a part of Military Specification MIL-T-6053C (USAF) dated 20 July 1977, and is approved for use within the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Section 1 delete and substitute the following:

"1. SCOPE

1.1 Scope. This specification covers definition of landing impact tests which are to be conducted on landing gear assemblies including shock absorbers, suggested instrumentation for the tests and required data of the resulting test report. It is intended to standardize impact test procedures on landing gear shock absorbers and to provide sufficient data to allow evaluation of the design with respect to requirements of MIL-L-8552 and MIL-S-8959 as applicable."

Section 2 APPLICABLE DOCUMENTS, delete in its entirety and substitute the following:

"2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications and standards. Unless otherwise specified, the following specifications and standards of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this specification to the extent specified herein.

SPECIFICATIONS

MILITARY

MIL-L-8552	Landing Gear, Aircraft Shock Absorber (Air-Oil Type)
MIL-S-8698	Structural Design Requirements, Helicopter
MIL-A-8860	Airplane Strength and Rigidity, General Specification for
MIL-A-8863	Airplane Strength and Rigidity, Ground Loads for Navy Procured Airplanes

MIL-T-6053C(USAF)

AMENDMENT 1

MIL-A-8868	Airplane Strength and Rigidity, Data and Reports
MIL-S-8959	Spring, Hydraulic, General Specification for

STANDARDS

MILITARY

MIL-STD-831      Test Reports, Preparation of"

Delete the DD Form 1426 note and substitute the following:

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Ogden ALC/MMEDO Hill Air Force Base, Utah 84056 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

PAGE 2

Delete the parenthetical source paragraph and substitute the following:

"(Copies of specifications, standards, handbooks, drawings, and publications required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer)."

Paragraph 2.2. Following the parenthetical source paragraph add the following paragraph:

2.2 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence."

Paragraph 3. TEST REQUIREMENTS, delete and substitute:

3. REQUIREMENTS

PAGE 10

Delete paragraph 3.6 and substitute:

"3.6 Test report data. Test report data shall be prepared in accordance with the general guidance furnished in MIL-A-8868 and MIL-STD-831 (see 6.3)."

PAGE 15

Paragraph 4.1: Delete and substitute the following:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible

MIL-T-6053C(USAF)  
AMENDMENT 1

for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements."

Paragraph 5.1: Delete and substitute the following:

"5.1. Packing. The packing shall be in accordance with the instructions of the procuring activity."

Add the following paragraph after 6.2:

"6.3 Data requirements. When this specification is used in an acquisition which incorporate a DD Form 1423, Contract Data Requirements List (CDRL) 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 CDRL incorporated into the contract. When the provisions of DAR 7-104.9 (n) (2) 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 purchase order requirements. Deliverable data required by this specification is cited in the following paragraphs.

	Paragraph No.	Data Requirements	Applicable DID No.	Options
(a)	3.6	Reports, test	DI-S-3595	
(b)	3.6	Reports, test	DI-T-2072	
(c)	3.6	Reports, test	DI-T-21463	
(d)	3.6	Reports, test	DI-T-21464	
(e)	3.6	Reports, test	DI-T-30740	
(f)	3.6	Reports, test	DI-T-30741	
(g)	3.6	Reports, test	DI-T-30742	

(Copies of DIDs required by contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)"

Delete preparing activity, custodians, and reviewer interest information and substitute the following:

Custodian:  
Air Force - 99

Preparing activity:  
Air Force - 70