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**NATIONAL STANDARD OF THE  
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**GB/T 35203-2017**

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**Space product general test documentation**

航天产品通用试验文件

**(English Translation)**

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### Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses redrafted Law Amendment uses ISO 17566:2011 "space system common test documents." this standard and ISO 17566:2011 compared to the existence of technical differences, the provisions of these differences have been passed in the outer margin of the page margin Set the vertical single (|) were marked in Appendix A is given a list of the corresponding technical differences and their causes.

This standard also made the following editorial changes.

--- Added information Appendix A, gives the standard and ISO 17566:2011 technical differences and their causes.

This standard proposed by China Aerospace Science and Technology Corporation.

This standard by the National Aerospace Technology and Standardization Technical Committee (SAC/TC425) centralized.

### Introduction

This standard provides the aerospace system, subsystems or stand-alone in a test, the minimum requirements for the preparation of test documents. To simplify and standardize the test the preparation of inspection documents, the standard gives the main content of the test documents and templates.

This standard contains four types of test documents.

---Test program;

--- Test program;

--- Test procedures;

---experiment report.

Although the above documents are independent in terms of their functions, their contents are cross-linked and can be appropriately merged according to the type and complexity of tests.

For example, for medium-complex tests, the test program and test protocol can be combined into a single file; for a very simple test, Gang, test program and test procedures into a single document. Chapter 4 gives the merger of documents under different circumstances.

Aerospace products, general test files

## 1 Scope

This standard specifies the basic requirements for the preparation of test documents in the aerospace products to carry out a specific test, including the test program, test side Case, test procedures and test reports and other four types of general documents.

This standard applies to aerospace systems, subsystems and stand-alone test of a specific document preparation.

## 2 Terms and definitions

The following terms and definitions apply to this document.

Analysis

Validation methods using well-established techniques for theoretical estimation.

These techniques include mathematical, statistical, qualitative design analysis, modeling and computer simulation.

Characteristic

Distinct features.

Objective evidence Data that supports the existence or authenticity of things.

Procedure

The path specified for carrying out an activity or process.

Process

A set of interrelated or interacting activities that translate input into output.

Requirement

Necessary or desirable, usually implied or required.

Test test

Follow the procedure to determine one or more characteristics.

Verification

Confirmation that the requirement has been satisfied by providing objective evidence.

### **3.1 Test Outline**

The test program is the required test document for specifying the test object. For details, please refer to Appendix B. The test program mainly includes