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**Code of test practice for launching of high-altitude scientific
balloons**

高空科学气球发放测试规程

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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High-altitude scientific balloon release test procedures

1 Scope

This document stipulates the basic testing requirements for high-altitude scientific balloons before release, mainly including general testing requirements, test phase division, testing Test process and test content:

This document applies to space science experiments or observation projects using high-altitude scientific balloons and a series of tests conducted before the balloons are released: Work:

2 Normative reference documents

GB/T 13283-2008

GB/T 38060

GB 50194

3 Terms and definitions

The terms and definitions defined in GB/T 38060 and below apply to this document: 3:1 An unpowered aerostat that flies at stratospheric heights to conduct high-altitude scientific experiments or observations:

Note 1: Referred to as scientific balloon:

Note 2: See Appendix A for a schematic diagram of the high-altitude scientific balloon system: 3:2 launchfield A venue for the release of high-altitude scientific balloons: 3:3 Release testtestforlaunch A series of test activities of stand-alone, sub-system and system integration were carried out before the release of high-altitude scientific balloons: 3:4 pod gondola The experimental cabin is equipped with balloon platform equipment and scientific payloads and suspended under the balloon through mooring cables: 3:5 subsystemsubsystem Components of a high-altitude scientific balloon:

Note: Including sphere, energy, measurement and control, flight control, payload, distribution and recovery subsystems: