
Space systems — Launch pad and integration site operational documents

*Systèmes spatiaux — Documents opérationnels pour aire de lancement
et site d'intégration*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 26870 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

Introduction

This International Standard establishes a list of documents that personnel are intended to use during operation of the launch pad and the integration site, when multiple nations cooperate and participate in the development or operation of these sites.

This International Standard also establishes requirements for the structure and contents of operational documents and rules for their preparation.

The purposes of this International Standard are:

- to provide personnel with standardized documents containing the information and procedures necessary for effective and safe operation of the launch pad and integration site;
- to provide a procedure for applying these documents; and
- to provide organizations and corporations that develop the operational documents with the common rules of their development.

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1 Scope

This International Standard establishes requirements for the nomenclature, structure and contents of operational documents used at a launch pad or integration site.

When there is international participation, partnership or cooperation in the design, development, installation, test, activation or operation of a launch pad or integration site, this International Standard applies to the development of the operational documents required for the following circumstances:

- installation, testing, activation or operation within the territory of one country of a launch pad or integration site manufactured in another country;
- joint installation, testing, activation or operation when the equipment designed and manufactured in one country is part of the launch pad or integration site designed by another country;
- training of the launch pad or integration site personnel of one country by the experts from another country.

The development and use of the operational documents described in this International Standard are applicable to the following international launch pad or integration site operations:

- a) preparation of integration site equipment to receive space vehicles and spacecraft;
- b) preparation of launch pad equipment and the space complex for the launch of space vehicles;
- c) space vehicle launch;
- d) post-launch maintenance of the integration site and launch pad;
- e) periodic maintenance of the integration site and launch pad.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 23041, *Space systems — Unmanned spacecraft operational procedures — Documentation*

ISO/TR 17400:2003, *Space systems — Space launch complexes, integration sites and other facilities — General testing guidelines*