

STANDARD

**1465**

Second edition  
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**Aircraft — Liquid oxygen replenishment  
couplings — Mating dimensions**

*Aéronefs — Raccords de remplissage en oxygène liquide — Dimensions de  
raccordement*



Reference number  
ISO 1465 : 1989 (E)

## 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 1465 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*.

This second edition cancels and replaces the first edition (ISO 1465 : 1976), of which it constitutes a minor revision.

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# Aircraft — Liquid oxygen replenishment couplings — Mating dimensions

## 1 Scope

This International Standard specifies the mating and clearance dimensions of aircraft liquid oxygen replenishment couplings.

## 2 Interchangeability

**2.1** The mating dimensions and characteristics of the ground half of the liquid oxygen replenishment coupling shall conform to those in figure 1 and table 1.

**2.2** The aircraft half of the replenishment coupling for liquid oxygen shall mate with the ground half replenishment coupling.

## 3 Clearance envelope

The clearance envelope in the aircraft to accommodate the ground half of the replenishment coupling, for the purposes of coupling and uncoupling the hose unit, shall be in accordance with figure 2 and table 2.