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# International Standard



# 1464

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Aircraft — Clearance dimensions for tripod jacks

*Aéronefs — Dimensions d'encombrement des vérins de levage tripodes*

First edition — 1979-09-01

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**(standards.iteh.ai)**

[ISO 1464:1979](https://standards.iteh.ai/catalog/standards/sist/08450502-8e36-4533-a448-4a09b9637752/iso-1464-1979)

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UDC 629.7.081 : 621.866.2

Ref. ISO 1464-1979 (E)

**Descriptors** : aircraft equipment, jacks (lifts), hoists, dimensions.

Price based on 2 pages

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

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.

International Standard ISO 1464 was developed by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, and was circulated to the member bodies in January 1978.

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It has been approved by the member bodies of the following countries :

[ISO 1464:1979](#)

Australia	<a href="#">France</a>	<a href="#">Romania</a>
Austria	Germany, F.R.	South Africa, Rep. of
Belgium	India	Spain
Brazil	Italy	Turkey
Canada	Japan	United Kingdom
Chile	Mexico	Yugoslavia
Czechoslovakia	Netherlands	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

USA  
USSR

This International Standard cancels and replaces ISO Recommendation R 1464-1970 of which it constitutes a technical revision.

# Aircraft — Clearance dimensions for tripod jacks

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## 1 Scope and field of application

This International Standard specifies the minimum clear space which has to be provided beneath the aircraft main jacking points, in order to accommodate tripod jacks and so ensure adequate clearance between the jacks and the adjacent aircraft structure.

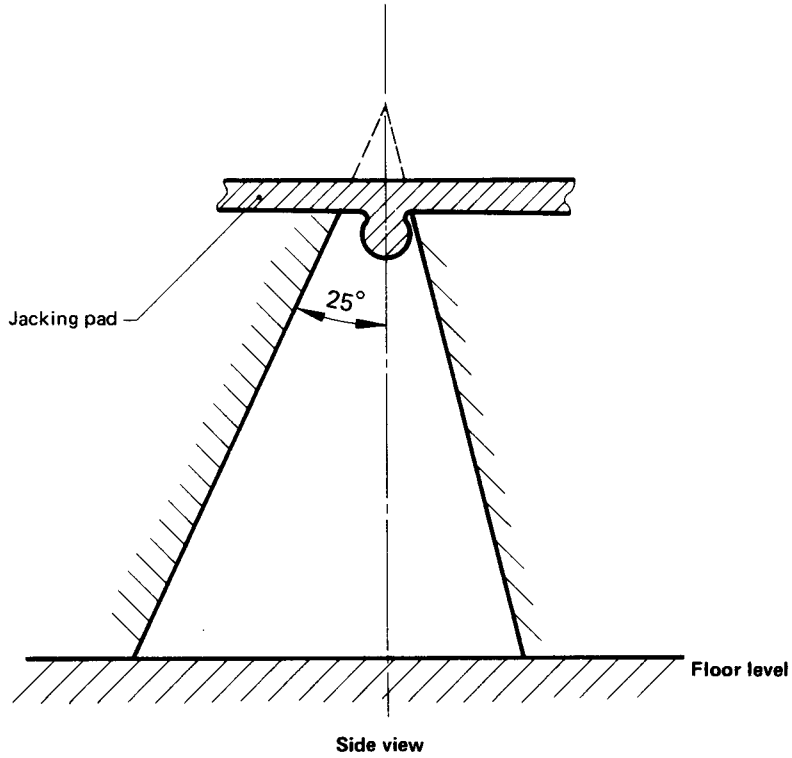
## 2 Reference

ISO 43, *Aircraft — Jacking pads*.

## 3 Requirements

The minimum clear space to be provided under aircraft main jacking points, to accommodate tripod jacks, shall be, at the minimum jacking height of the aircraft, in the form of a truncated right pyramid having an equilateral triangular base and limiting edges at 25° to the vertical axis. The dimensions of the truncated top of the pyramid shall be such as to meet the space requirements of the appropriate main jacking pad configuration specified in ISO 43. The orientation of the pyramid about its vertical axis in relation to the aircraft structure is not specified.

The above requirements are illustrated in the figure.



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Diameter of circle sufficient to meet the space requirements of the appropriate main jacking pad configuration detailed in ISO 43  
<https://standards.iteh.ai/catalog/standards/sist/08450502-8e36-4533-a448-4a09b9637752/iso-1464-1979>

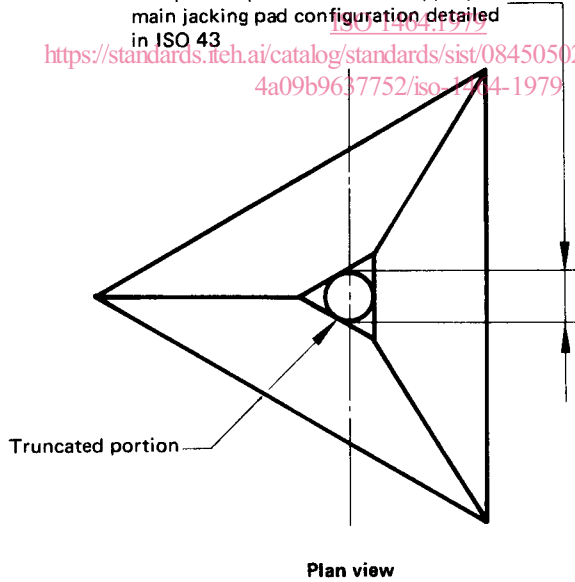


Figure — Clearance dimensions for tripod jacks for aircraft