

**NATO STANDARD**

**AASSEP-1**

# **AIRCRAFT JACKING**

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**NORTH ATLANTIC TREATY ORGANIZATION**

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Director NATO Standardization Agency

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## RECORD OF RESERVATIONS

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## RECORD OF SPECIFIC RESERVATIONS

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<b>CHAPTER 1    INTRODUCTION</b>
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## **1.1.    RELATED DOCUMENTS**

### **1.1.1. NATO Documents**

Nil

### **1.1.2. Non-NATO Documents**

1.    ISO 43 – Aerospace Aircraft Jacking Pads
2.    ISO 1464 – Aerospace – Tripod Jacks – Clearance Dimensions

## **1.2.    AIM**

The aim of this standard is to ensure that aircraft are provided, at all jacking points, with:

- a.    Jacking pads, which have a common form of seating.
- b.    Sufficient clearance space to accommodate jacks, ensuring adequate clearances between the jacks and adjacent parts of the aircraft.

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<b>CHAPTER 2     REQUIREMENTS</b>
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**2.1. JACKING PADS**

1. Hemispherical aircraft jacking pads shall conform to the requirements of ISO 43.
2. Jacks shall incorporate detachable cup-shaped sockets, in the form of jack heads, which are compatible with the jacking pads detailed in ISO 43.
3. The ball part of jacking pads should be either a permanent fixture on the aircraft, or a detachable fitting; in the latter case, detachable fittings may be either carried on the aircraft or pre-positioned at appropriate bases.
4. The strength of the jacking pads shall be based upon probable load conditions and normally accepted design safety factors.

**2.2. CLEARANCE DIMENSIONS**

Jacks for use at aircraft primary jacking points shall be capable of being fitted within the minimum space envelope as detailed in ISO 1464.

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