

NATO STANDARD

AASSEP-09

APERTURE OF TERMINAL RING OR LINK OF AIRCRAFT SLINGS

Edition A, Version 1

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NORTH ATLANTIC TREATY ORGANIZATION

**ALLIED AIRCRAFT SERVICING AND STANDARD EQUIPMENT
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CHAPTER 1 INTRODUCTION

1.1 RELATED DOCUMENTS

STANAG 3542 HIS – Technical criteria for the transport of cargo by helicopter – ATP-110

1.2 AIM

The aim of this standard is to enable direct attachment of Aircraft Lifting Slings to Crane Hooks in those cases where slings designed to lift the complete aircraft are provisioned.

Note: Slings designed to lift complete aircraft by helicopters are excluded.

1.3 AGREEMENT

Participating nations agree that the following arrangements are required in respect of those Aircraft Lifting Slings designed to lift the complete aircraft:

- a. That the terminal Ring or Link of Slings designed to lift the complete aircraft shall, when assembled in a complete sling, have an unobstructed aperture of sufficient area to accommodate a Crane Hook of Trapezoidal Section of the major dimensions of 7.000 X 4.500 inches (117.80 x 114.30 mm) and of the configuration shown in Fig. 1 of this standard.
- b. That the maximum cross-section of the ring of link material shall not exceed 2.625 inches (66.68 mm)

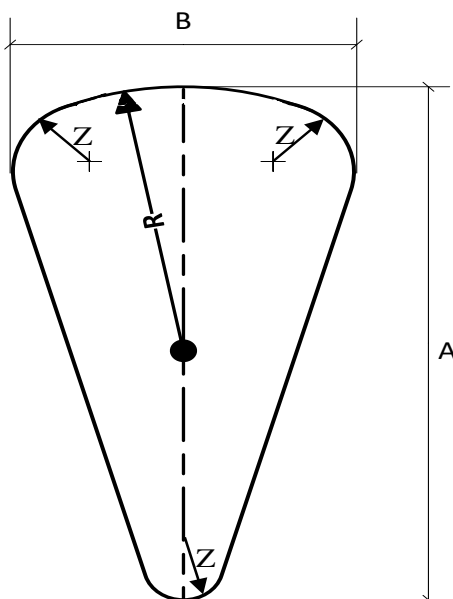


Fig. 1 TRAPEZOIDAL SECTION OF STANDARD CRANE HOOK

Dimension	Inches	Millimeters
A	7.000	177.80
B	4.500	114.30
R	3.750	95.25
Z	0.875	22.23

1.4 DEFENCE AGAINST TERRORISM

Aircraft equipment and materiel shall be labelled, processed and stored in such a manner as to preclude access and tampering by unauthorized personnel. Said equipment shall be inspected and certified prior use or application to ensure operational integrity and reliability. Servicing and maintenance of aircraft shall be performed **ONLY** by authorized personnel.

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