

**NATO STANDARD**

**APRP-3.3.7.9**

**HORSE COLLAR/RESCUE STROP  
TYPE HELICOPTER HOISTING GEAR**

**Edition A, version 1**

**DECEMBER 2021**



**NORTH ATLANTIC TREATY ORGANIZATION**

**ALLIED PERSONNEL RECOVERY PUBLICATION**

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**NATO LETTER OF PROMULGATION**

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<b>CHAPTER 1 INTRODUCTION</b>
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**1.1. AIM**

The aim of APRP 3.3.7.9 is to standardize the horse collar/rescue strop type helicopter hoisting gear used by NATO forces and thereby help assure greater interoperability between national Search and Rescue (SAR) organizations.

**1.2. INTRODUCTION**

1. NATO exercises and operations will continue to require personnel to be hoisted as a means to move/transfer personnel and in rescue/isolation situations.
2. This document describes the minimum standard for HORSE COLLAR/RESCUE STROP hoisting gear to be used in helicopter hoisting over land or water.

**1.3. RELATED DOCUMENTS**

STANAG 7224 - WATER SURVIVAL TRAINING FOR AIRCREWS AND DESIGNATED FLYING PERSONNEL – APRP-3.3.7.1.

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<b>CHAPTER 2    HORSE COLLAR/STROP REQUIREMENTS</b>
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**2.1. GENERAL**

The make and model of strop to provide to their rotary wing assets is a national responsibility. Nations are encouraged to supply strops which meet or exceed the standard whose main characteristics are describe in the details which follow.

**2.2. DETAILS**

1. The rescue strop is to be sufficiently strong to bear as a minimum the weight of a survivor carrying full aircrew clothing and accoutrements after immersion in water. It should be sufficiently long to fit around the chest of a survivor under similar conditions.
2. The rescue strop should be a bright color to enhance conspicuity during rescue.
3. To inform the untrained user a pictorial sequence of donning instructions shall be displayed on the rescue strop.
4. Strop design or operating procedures shall prevent a survivor from slipping through the rescue strop during winching.
5. The rescue strop is to be buoyant for maritime operations.

**APRP-3.3.7.9(A)(1)**