

RTCA, Inc.  
1150 18th Street NW, Suite 910  
Washington, DC 20036  
USA

# **Minimum Operational Performance Standard for Offshore Helicopter Terrain Awareness and Warning System (HTAWS)**

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Prepared by: SC-237  
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RTCA, Inc.

Telephone: 202-833-9339

Facsimile: 202-833-9434

Internet: [www.rtca.org](http://www.rtca.org)

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# 1 PURPOSE AND SCOPE

## 1.1 INTRODUCTION

This document defines the Minimum Operational Performance Standards (MOPS) for an Offshore Helicopter Terrain Awareness and Warning System (Offshore HTAWS). These standards specify system characteristics that are intended to be useful to designers, manufacturers, installers, and users of Offshore HTAWS.

The term “Offshore HTAWS” as used herein includes all the functional components necessary to properly perform the intended function. However, all external components to the function which are cockpit, aircraft, or system specific, though necessary for proper operation of the function at a system level, are out of the scope of the system requirements (e.g. cockpit controls, cockpit indicators, cockpit displays, aural systems, inputs, and sensors). Note that any databases that might be required by the Offshore HTAWS are not considered to be part of the system as defined in this document.

## 1.2 MANDATE AND RECOMMENDATION PHRASES

### 1.2.1 Shall, Should and May

	Requirements	Good Industry Practice	Alternate Method
Word	Shall	Should	May
Meaning	Refers to a mandatory performance requirement or test procedure	Refers to a performance or test procedure recommendation that, although not mandatory, is considered good industry practice	Refers to an alternate approach for manufacturer consideration with regard to performance requirements and test procedures
Impact to Design (if not followed)	Could result in inability to meet intended function or interoperability with other equipment	Although not necessary to meet performance requirements, could result in a deficiency to the end user or installation problems if not followed	None. However, the alternate method should be followed in its entirety if the manufacturer chooses to use that method

*Note: These definitions only apply to Sections 2, 3, 4 and 5.*

### 1.2.2 Must

The term “must” is used in explanatory text, installation guidance, and graphics to explain or illustrate necessary conditions. The use of the term “must” does not by itself indicate a requirement for Offshore HTAWS.

### 1.2.3 Confirm

The term "confirm" is used in the description of test procedures when a standardized process is being referred to. The associated requirements are to be found in that referred