



The European Organisation for Civil Aviation Equipment
L'Organisation Européenne pour l'Équipement de l'Aviation Civile

MINIMUM OPERATIONAL PERFORMANCE SPECIFICATION FOR GLOBAL NAVIGATION SATELLITE GROUND BASED AUGMENTATION SYSTEM GROUND EQUIPMENT TO SUPPORT CATEGORY I OPERATIONS

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ED-114A Change 1

October 2017

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FOREWORD

1. This document was prepared by EUROCAE Working Group 28 "Ground Based Augmentation Systems" and was approved by the Council of EUROCAE on 5 October 2017.
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4. This amendment is intended to update ED-114A to correct issues detected during various GBAS CAT-I ground subsystem implementation programs.
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CHANGE 1 TO EUROCAE ED-114A
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FOR GLOBAL NAVIGATION SATELLITE GROUND BASED
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Page	Para.	Amendment Text
16	1.6.3	In item 5 <u>Replace:</u> completed <u>With:</u> initialised
20	2.1.3	In the 2 nd sentence <u>Replace:</u> shall <u>With:</u> should
34	3.1.3	<u>Replace</u> FIGURE 3.1-1 <u>With</u> The diagram illustrates the coverage area for GNSS Ground Equipment. It shows a lateral region with a width of 140 m, a vertical region with a width of 30 m (100 ft), and a horizontal distance of 37 km (20 NM). The diagram also shows a vertical distance of 3.7 m (12 ft) and a horizontal distance of 28 km (15 NM). The diagram includes labels for LTP, GPIP, RWY, and various angles and distances.
35	3.2	In the 1 st bullet point <u>Replace:</u> tolerance <u>With:</u> specification
63	3.7.1.2.8.3.1	<u>Replace the equation:</u> $PRC_{CSC} = R - P_{CSC} - (c \times \Delta t_{SV-GPS})$ <u>With :</u> $PRC_{CSC} = R - P_{CSC} - c \times (\Delta t_{sv})_{L1}$