



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

SAFETY AND PERFORMANCE REQUIREMENTS STANDARD FOR AIR TRAFFIC DATA LINK SERVICES IN CONTINENTAL AIRSPACE (CONTINENTAL SPR STANDARD) CHANGE 3

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ED-120 Change 3

September 2019

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ED-120 Change 3

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FOREWORD

1. This document was prepared jointly by EUROCAE Working Group 78 “Standards for Air Traffic Data Communications Services” RTCA SC-214 “Standards for Air Traffic Data Communications Services”, and was approved by the Council of EUROCAE on 21 September 2019.
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3. The findings of EUROCAE are resolved after discussion amongst Members of EUROCAE and in collaboration with RTCA Inc, Washington D.C., and/or the Society of Automotive Engineers (SAE), Warrendale PA, U.S.A., through their appropriate committees.
4. Change 3 to ED-120/DO 290, Safety and Performance Requirements Standard for Air Traffic Data Link Services in Continental Airspace, is to remove any reference to DM89 MONITORING message element as being required to support any datalink operations. This approach makes ED120 consistent with actual datalink procedures, in line with the approach already agreed by EUROCAE/RTCA subject matter experts when Baseline 2 Datalink standards were developed.

This change allows both existing ATN B1 interoperability standards (ED-110B / DO-280B) and B2 interoperability standards (ED-231A / DO-353A) being recognized as acceptable means of compliance with ED-120.
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TABLE OF CONTENTS

CHAPTER 1	Change Summary.....	1
CHAPTER 2	Change DETAILS	3

CHAPTER 1

CHANGE SUMMARY

Change 3 to ED-120/DO-290, Safety and Performance Requirements Standard for Air Traffic Data Link Services in Continental Airspace, is to remove any reference to DM89 MONITORING message element as being required to support any datalink operations. This approach makes ED-120 consistent with actual datalink procedures, in line with the approach already agreed by EUROCAE/RTCA subject matter experts when Baseline 2 Datalink standards were developed.

This change allows both existing ATN B1 interoperability standards (ED-110B / DO-280B) and B2 interoperability standards (ED-231A / DO-353A) being recognized as acceptable means of compliance with ED-120.

Change 3 to ED-120/DO 290 is summarized as follows:

Description of change	Affected pages, paragraphs, and tables
In Table 5-1, change Step 7 and 8 as described in this document.	P.44, Table 5-1 Step 7 is deleted. Step 8 is changed into Step 7 and reference to "monitoring message" is deleted from the operating method.
In Table 5-3, change Step 7 and 8 as described in this document.	P.47, Table 5-3 Step 7 is deleted. Step 8 is changed into Step 7 and reference to "monitoring message" is deleted from the operating method.
In Table 5-6, change Step 4 and 5 as described in this document.	P.52, Table 5-6 Step 4 is deleted. Step 5 is changed into Step 4 and reference to "monitoring message" is deleted from the operating method.
In Table 5-8, change Step 4 and 5 as described in this document.	P.54, Table 5-8 Step 4 is deleted. Step 5 is changed into Step 4 and reference to "monitoring message" is deleted from the operating method.
In Table 5-14, delete AE-ACM-15 row.	P.62, Table 5-14 Delete AE-ACM-15 Abnormal Event Reference #, Abnormal Event, Operational Result and Operating Method Reference.
In Table 5-15, change Step 8 and 9 as described in this document.	P.65, Table 5-15 Step 8 is deleted. Step 9 is changed into Step 8 and reference to "monitoring message" is deleted from the operating method.
In Table 5-17, change H-ACM-7 as described in this document.	P.70, Table 5-17 For H-ACM-7 hazard, delete the reference to "monitoring message" from the Operational Effect.
In Table 5-17, change H-ACM-8 as described in this document.	P.71, Table 5-17 For H-ACM-8 hazard, delete the reference to "monitoring message" from the Operational Effect.

In Table 5-17, change H-ACM-11 and H-ACM-12 as described in this document.	P.72, Table 5-17 For both H-ACM-11 and H-ACM-12 hazards, delete the reference to "monitoring message" from the Operational Effect.
In Table 5-55, change DM89 row as described in this document.	P.164, Table 5-55 For DM89 MONITORING message element, change the "Used in Section 5 Service(s)" column from "ACM" into "Not used".
Add a Note following Table 5-55 as described in this document.	P.165, after Table 5-55, add the following: "* DM89 MONITORING downlink message element is not required to support any datalink operating methods."