RTCA, Inc.
1828 L Street, NW, Suite 805
Washington, DC 20036

Change 1

-to-

RTCA/DO-290

Safety and Performance Requirements Standard for Air Traffic Data Link Services in Continental Airspace (Continental SPR Standard)

RTCA Paper No. 292-06/PMC-498
December 13, 2006

©2006, RTCA, Inc.
Prepared by: SC-189

Copies of this document may be obtained from

RTCA, Incorporated
1828 L Street, NW, Suite 805
Washington, DC 20036-5133 USA

Telephone: 202-833-9339
Facsimile: 202-833-9434
Internet: www.rtca.org

Please call RTCA for price and ordering information.

©2006, RTCA, Inc.

Change 1 to DO 290/ED-120, Safety and Performance Requirements Standard for Air Traffic Data Link Services in Continental Airspace, is designed so that the pages contained herein can replace the pages in DO-290. While ED-120 is technically equivalent to DO-290 and Table and Figure references are the same, however, the pagination and format will be different.

Summary of Changes

Change 1 to DO 290/ED-120 is summarized as follows:

	Description of change	Affected pages, tables, and figures
1.	The operating method and time sequence diagrams for the ATC Communications Management (ACM) service were revised to reposition the sequence of the CPDLC message element (UM183).	
	a) Transfers from T-ATSU to R-ATSU both ATSUs using CPDLC	Pages 56 and 57 (Table 5-1) Page 59 (Figure 5-2)
	b) Transfers from T-ATSU not using CPDLC to R-ATSU using CPDLC (includes initial CPDLC establishment)	Pages 60 and 61 (Table 5-3) Page 62 (Figure 5-3)
	c) Transfers and/or change of frequency with no change in the established CPDLC, both sectors using CPDLC	Pages 66 and 67 (Table 5-6) Page 68 (Figure 5-5)
	d) Transfers and/or change of frequency, with no change in the established CPDLC, T-sector not using CPDLC (OFF), R-sector using CPDLC (ON) (Table 5-8 and Figure 5-6)	Page 69 (Table 5-8) Page 70 (Figure 5-6)
	e) Transfers from a T-ATSU to a R-ATSU both using CPDLC, but controller does not use CPDLC for the transfer instruction (Table 5-15 and Figure 5-9)	Pages 81 and 82 (Table 5-15) Page 83 (Figure 5-9)
2.	Safety requirements SR-ACL-11, SR-DCL-11, and SR-DSC-11 were changed to clarify intent.	
	a) ATC Clearance (ACL) service	Page 117 (Table 5-29) Annex A, Page A-27 (Table A-3)
	b) Departure Clearance (DCL) service	Page 153 (Table 5-43) Annex A, Page A-42 (Table A-3)
	c) Downstream Clearance (DSC) service	Page 175 (Table 5-51) Annex A, Page A-51 (Table A-3)
3.	Safety requirements SR-ACL-12, SR-DCL-12, and SR-DSC-12 only apply to the ATSU and do not apply to the aircraft. Annex A was changed to remove the allocation of these requirements to aircraft.	
	a) ATC Clearance (ACL) service	Annex A, Page A-28 (Table A-3, ACL)
	b) Departure Clearance (DCL) service	Annex A, Page A-42 (Table A-3, DCL)
	c) Downstream Clearance (DSC) service	Annex A, Page A-51 (Table A-3, DSC)
4.	Update CPDLC – Message set per ICAO PANS/ATM	
	a) Revised message element UM215	Page 192 (Table 5-54)
	b) Added message element UM237	Page 192 (Table 5-54)

©2006, RTCA, Inc.