

LIST OF CURRENT PUBLICATIONS February 2008

REFERENCE	TITLE	Price in € VAT not included
		Electronic Version
1/WG7/70 <i>January 70</i>	- MPS for airborne 75 MHz marker beacon receiving equipment	25
1/WG9/71 <i>June 72</i>	- MPS for airborne secondary surveillance radar transponder apparatus ➤ Including Amendment N°2 – 6 January 2000	30
1/WG9/71 <i>April 74</i>	- Amendment no 1 (measurement procedures) to the MPS for airborne secondary surveillance radar transponder apparatus	30
WG7C/1-74 <i>August 74</i>	- MPS for airborne Doppler radar ground speed and/or drift angle measuring equipment	25
WG7C/2-74 <i>August 74</i>	- MPS for airborne automatic dead reckoning computer equipment utilising aircraft heading and Doppler obtained velocity vector data	25
ED-12B <i>December 92</i>	- Software considerations in airborne systems and equipment certification ➤ Including Amendment N°1 – 19 October 1999	150
ED-14E <i>March 05</i>	- Environmental conditions and test procedures for airborne equipment	210
ED-18 <i>July 85</i>	- Audio systems characteristics and MPS covering microphones (except carbon), headsets, handsets and loudspeakers, audio selector panels and amplifiers	60
ED-22B <i>January 88</i>	- MPS for airborne VOR receiving equipment	70
ED-23B <i>March 95</i>	- MOPS for airborne VHF Receiver-Transmitter operating in the frequency range 117.975 – 136.975 MHz ➤ Including Amendment N°3 – 28 November 1997	85
ED-26 <i>March 79</i>	- MPS for airborne altitude measurements and coding systems ➤ Including Erratum	70
ED-27 <i>October 79</i>	- MOPR for airborne area navigation systems based on VOR and DME as sensors	70
ED-28 <i>July 82</i>	- MPS for airborne area navigation computing equipment based on VOR and DME as sensors	55
ED-30 <i>March 80</i>	- MPS for airborne low range radio (radar) altimeter equipment ➤ Including Amendment N°1 – 1 June 1980	45
ED-36B <i>October 07</i>	- MOPS for Microwave Landing System (MLS) Airborne Receiving Equipment	150
ED-38 <i>June 83</i>	- MPS for airborne weather, ground mapping and assisted approach radars (including surface-based transponder beacon system characteristics)	75
ED-39 <i>June 84</i>	- MOPR for airborne area navigation systems based on two DME as sensors	70
ED-40 <i>June 84</i>	- MPS for airborne computing equipment for area navigation system using two DME as sensors	55
ED-42 <i>October 83</i>	- MPS for fuel flowmeter systems to aircraft standards	55
ED-43 <i>October 83</i>	- MOPR for the SSR transponder and the altitude measurement and coding system	70
ED-46B <i>September 95</i>	- MOPS for airborne ILS localizer receiving equipment <i>(paper only)</i> ➤ Including Amendment N°2 – July 1997	ON REQUEST
ED-47B <i>September 95</i>	- MOPS for airborne ILS glide path receiving equipment <i>(paper only)</i> ➤ Including Amendment N°1 – 15 July 1997	ON REQUEST
ED-51 <i>October 83</i>	- MPS for airborne automatic direction finding equipment ➤ Including Amendment N°1 – October 1987	45
ED-52 <i>August 84</i>	- MPS for conventional and Doppler VHF omnirange (C VOR and D VOR) (ground equipment) (Including Amendment N°1)	70

REFERENCE	TITLE	Price in € VAT not included
		Electronic Version
ED-53A December 89	- MOPS for microwave landing system (MLS) (ground equipment) (Including Amendment N°1 – August 1994	100
ED-54 January 87	- MOPR for distance measuring equipment interrogators (DME/N and DME/P) operating within the radio frequency range 960 – 1215 MHz (airborne equipment)	85
ED-57 December 86	- MPS for distance measuring equipment (DME/N and DME/P) (ground equipment) (Including Amendment N°1 – 26 October 1992	80
ED-58 March 88	- MOPS for area navigation equipment using multi-sensor inputs (airborne equipment) <i>(paper only)</i>	ON REQUEST
ED-62 May 90	- MOPS for aircraft emergency locator transmitters (121.5/243 MHz and 406 MHz) <i>(paper only)</i>	ON REQUEST
ED-67 April 91	- MOPS for devices that prevent unintentional or continuous transmissions	45
ED-68 April 92	- MOPS for devices that prevent simultaneous transmissions <i>(paper only)</i>	ON REQUEST
ED-72A April 97	- MOPS for airborne GPS receiving equipment used for supplemental means of navigation	100
ED-73B January 03	- MOPS for Secondary Surveillance Radar Mode S Transponders	125
ED-74 February 95	- MOPS for combined ILS and MLS airborne receiving equipment <i>(paper only)</i> ➤ Including Amendment N°1 – 15 July 1997	ON REQUEST
ED-75B December 03	- MASPS required navigation performance for area navigation	105
ED-76 October 98	- Standards for processing aeronautical Data	95
ED-77 April 00	- Standards for Aeronautical information	120
ED-78A December 00	- Guidelines for Approval of the Provision and Use of Air Traffic Services supported by Data Communications	125
ED-79 April 97	- Certification Considerations for Highly Integrated or Complex Aircraft Systems	100
ED-80 April 00	- Design Assurance Guidance for Airborne Electronic Hardware	100
ED-81 May 96	- Certification of Aircraft Electrical/Electronic Systems for the Indirect Effects of Lightning <i>(paper only)</i> ➤ Including Amendment N°1 – 26 August 1999	ON REQUEST
ED-82A November 99	- MOPS for Mode S Aircraft Data Link Processors <i>(paper only)</i>	ON REQUEST
ED-83 April 98	- Recommendations on Ground Collision Avoidance Systems <i>(paper only)</i>	ON REQUEST
ED-84 August 97	- Aircraft Lightning Environment and Related Test Waveforms Standard ➤ Including Amendment N°1 – 19 October 1999	85
ED-85A December 03	- Data-Link Application System Document (DLASD) for “Departure Clearance” Data-Link Service	80
ED-87B January 08	- MASPS for Advanced Surface Movement Guidance and Control Systems (A-SMGCS) – Levels 1 and 2	110
ED-88 August 97	- MOPS for Multi-Mode Airborne Receiver (MMR) including ILS, MLS and GPS used for Supplemental Means of Navigation	45
ED-89A December 03	- Data Link Application System Document (DLASD) for the “ATIS” Data Link Service	80
ED-90A March 03	- Radio frequency susceptibility Test procedures	105
ED-91 July 98	- Aircraft Lightning Zoning Standard <i>(paper only)</i> ➤ Including Amendment N°1 - 6 September 1999 & Amendment N°2 - 27 June 2006	ON REQUEST
ED-92A June 03	- MOPS for an Airborne VDL Mode2 System operating in the frequency range 118-136,975 MHz	125
ED-93 November 98	- MASPS for CNS/ATM message recording systems (Including Amendment N°1 – 23 November 1998	95
ED-94B October 01	- Final Annual Report for Clarification of ED-12B “Software Considerations in Airborne Systems and Equipment” (Including Amendment N°1 – February 2002	95
ED-95 October 99	- MASPS for a Global Navigation Satellite System Ground Based Augmentation System to Support Cat 1 Operations	85
ED-96 July 00	- Requirements Specification for an Avionics Computer Resource (ACR)	80
ED-97 January 00	- Interim Technical Performance Statement for EGNOS / WAAS Airborne Equipment	80
ED-98A October 05	- User requirements for Terrain and Obstacle Data	125

REFERENCE	TITLE	Price in € VAT not included
		Electronic Version
ED-99A <i>October 05</i>	- User Requirement for Aerodrome Mapping Information	150
ED-100A <i>April 05</i>	- Interoperability Requirements for ATS Applications using Arinc 622 Data Communications	160
ED-101 <i>August 00</i>	- MOPS for Mode S Specific Service Applications	75
ED-102 <i>November 00</i>	- MOPS for 1090 MHz Automatic Dependant Surveillance –Broadcast (ADS-B) (CD Rom)	155
ED-103 <i>July 01</i>	- MOPS for Inflight Icing Detection Systems	80
ED-104A <i>June 03</i>	- MOPS for Ground Ice Detection Systems (Under Revision)	85
ED-105 <i>April 05</i>	- Aircraft Lightning Test Method	140
ED-106A <i>March 04</i>	- Data Link Application System Document (DLASD) for “Oceanic Clearance” (OCL) Datalink service	80
ED-107 <i>March 01</i>	- Guide for the certification of Aircraft in a High Intensity Radiated Field (HIRF) Environment	125
ED-108A <i>September 05</i>	- MOPS for VDL Mode 4 Aircraft Transceiver (presented in 2 parts)	150
ED-109 <i>March 02</i>	- Guidelines for CNS/ATM Systems Software Integrity Assurance	95
ED-110B <i>December 07</i>	- Interoperability Requirements Standard for Aeronautical Telecommunication Network Baseline 1 (Interop ATN B1)	180
ED-111 <i>July 02</i>	- Functional specifications for CNS/ATM Recording	75
ED-112 <i>March 03</i>	- MOPS for Crash Protected Airborne Recorder Systems ➤ Including Amendment N°1 – 25 July 2003 and Amendment N°2 – 22 September 2003	155
ED-113 <i>September 02</i>	- Aircraft Lightning Direct Effects Certification	70
ED-114 <i>September 03</i>	- MOPS for a Ground Based Augmentation System (GBAS) ground facility to support CAT I approach and landing	155
ED-115 <i>August 02</i>	- MOPS for Light Aviation Secondary Surveillance Radar Transponders	85
ED-116 <i>January 04</i>	- MOPS for Surface Movement Radar Sensor Systems for Use in A-SMGCS	95
ED-117 <i>November 03</i>	- MOPS for Mode S Multilateration Systems for Use in Advanced Surface Movement Guidance and Control Systems (A-SMGCS)	95
ED-118 <i>November 03</i>	- Report on electromagnetic compatibility between passenger carried Portable Electronic Devices (PEDs) and Aircraft Systems	110
ED-119 <i>June 04</i>	- Interchange Standards for Terrain, Obstacle, and Aerodrome Mapping Data	160
ED-120 <i>May 04</i>	- Safety and Performance Requirements Standard For Initial Air Traffic Data Link Services In Continental Airspace (SPR IC)	160
ED-120 Change 1 <i>April 07</i>	- Change 1 - Safety and Performance Requirements Standard For Initial Air Traffic Data Link Services In Continental Airspace (SPR IC)	40
ED-120 Change 2 <i>October 07</i>	- Change 2 - Safety and Performance Requirements Standard For Initial Air Traffic Data Link Services In Continental Airspace (SPR IC)	40
ED-121 <i>September 04</i>	- MOPS for Trolleys, Containers and Associated Equipment Components	95
ED-122 <i>December 07</i>	- Safety and Performance Standard for Air Traffic Data Link Services in Oceanic and Remote Airspace (Oceanic SPR Standard)	160
ED-123 <i>March 05</i>	- MOPS for Flight Deck Door Monitoring System	70
ED-124 <i>June 07</i>	- Integrated Modular Avionics (IMA) Development, Guidance and Certification Consideration	120
ED-126 <i>December 06</i>	- Safety, Performance and Interoperability Requirements Document for ADS-B-NRA Application	200
ED-128 <i>October 2007</i>	- Guidelines for Surveillance Data Fusion in Advanced Surface Movement Guidance and Control Systems (A-SMGCS) Levels 1 and 2	100
ED-130 <i>December 06</i>	- Guidance for the Use of Portable Electronics Devices (PEDs) on Board Aircraft	120
ED-144 <i>October 07</i>	- High-Level Performance Requirements for a Global Navigation Satellite System / Ground Based Augmentation System to Support Precision Approach Operations	75

REFERENCE	TITLE	Price in € VAT not included
		Electronic Version
ED-151 <i>December 07</i>	- Operational Services and Environment Definition (OSED) for Aeronautical Information Services (AIS) and Meteorological (MET) Data Link Services	100
ED-156 <i>January 08</i>	- ADS-B Application Interoperability Requirements for VDL Mode 4	50

Abbreviations:

MPS (Minimum Performance Specification)
MOPR (Minimum Operational Performance Requirements)
MOPS (Minimum Operational Performance Specification)
MASPS (Minimum Aviation System Performance Specification)

LIST OF SUPERSEDED DOCUMENTS

DATE	ORIGINAL DOCUMENT	REPLACEMENT DOCUMENT	SUBJECT
1965	MPS1/WG4/65	ED-62	MARKER BEACON/ELT
1966	MPS1/WG3/66	MPS1A/WG3/69	WEATHER & GROUND MAPPING RADAR
1966	MPS1/WG5/66	ED-46 & ED-47	ILS RECEIVING EQUIPMENT
1969	MPS1A/WG3/69	ED-38	WEATHER + GROUND MAPPING RADAR
1969	MPS/WG6/69	MPS1/WG6/74	RADIO ALTIMETER
1969	MPS1/WG7/69	ED-51	ADF EQUIPMENT
1971	MPS/WG8/1-71	ED-48	AIRBORNE DME
1972	MPS/WG7/1-71	ED-22	AIRBORNE VOR
1974	MPS1/WG6/74	ED-30	RADIO ALTIMETER
1975	MPS1/WG14/75	ED-14A	ENVIRONMENTAL TESTS
1975	ED-23 & ED-24	ED-23A	VHF COMMUNICATIONS EQUIPMENT
1976	ED-22	ED-22A	AIRBORNE VOR
1980	ED-14A/DO-160A	ED-14B/DO-160B	ENVIRONMENTAL TESTS
1980	ED-31	ED-57	DME GROUND EQUIPMENT
1981	ED-22A	ED-22B	AIRBORNE VOR
1982	ED-12/DO-178	ED-12A/DO-178A	SOFTWARE
1982	ED-46	ED-46A	ILS LOCALISER
1982	ED-47	ED-47A	ILS GLIDESLOPE
1983	ED-36A	ED-36B	MLS AIRBORNE EQUIPMENT
1983	ED-53	ED-53A	MLS GROUND EQUIPMENT
1984	ED-48	ED-54	DME AIRBORNE EQUIPMENT
1985	ED-14B/DO-160B	ED-14C/DO-160C	ENVIRONMENTAL TESTS
1985	ED-12A/DO-178A	ED-12B/DO-178B	SOFTWARE
1986	ED-23A	ED-23B	VHF RECEIVER TRANSMITTER
1988	ED-46A	ED-46B	ILS LOCALISER
1988	ED-47A	ED-47B	ILS GLIDESCOPE
1989	ED-14C	ED-14D	ENVIRONMENTAL CONDITIONS AND TEST PROCEDURES
1990	ED-55	ED-112	MOPS FOR CRASH PROTECTED AIRBORNE RECORDER SYSTEMS
1992	ED-72	ED-72A	AIRBORNE GPS RECEIVER
1993	ED-56A	ED-112	MOPS FOR CRASH PROTECTED AIRBORNE RECORDER SYSTEMS
1995	ED-73	ED-73A	MODE S TRANSPONDERS
1997	ED-82	ED-82A	MODE S AIRCRAFT DATA LINK PROCESSORS
1997	ED-75	ED-75A	REQUIRED NAVIGATION PERFORMANCE
1997	ED-78	ED-78A	DATA LINK SUPPORTED ATS SERVICES
1997	ED-87	ED-87A	SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEMS
1998	ED-90	ED-90A	RADIO FREQUENCY SUSCEPTIBILITY TEST PROCEDURES
1999	ED-94	ED-94A	SOFTWARE REPORT
1999	ED-73A	ED-73B	MODE S TRANSPONDERS
2000	ED-94A	ED-94B	REPORT FOR CLARIFICATION OF ED-12B "SOFTWARE"
2000	ED-92	ED-92A	VDL MODE2
2001	ED-104	ED-104A	MOPS FOR GROUND ICE DETECTION
2003	ED-85	ED-85A	DLASD FOR DEPARTURE CLEARANCE
2003	ED-89	ED-89A	DLASD FOR ATIS
2003	ED-75A	ED-75B	REQUIRED NAVIGATION PERFORMANCE FOR AREA NAVIGATION
2004	ED-106	ED-106A	DLASD FOR OCEANIC CLEARANCE
2004	ED-110A	ED-110B	INTEROPERABILITY REQUIREMENTS STANDARD FOR ATN BASELINE 1
2005	ED-14D	ED-14E	ENVIRONMENTAL CONDITIONS AND TEST PROCEDURES FOR AIRBORNE EQUIPMENT
2005	ED-100	ED-100A	INTEROPERABILITY REQUIREMENTS FOR ATS APPLICATIONS USING ARINC 622 DATA COMMUNICATIONS
2005	ED-98	ED-98A	USER REQUIREMENTS FOR TERRAIN AND OBSTACLE DATA
2005	ED-99	ED-99A	USER REQUIREMENT FOR AERODROME MAPPING INFORMATION
2005	ED108	ED-108A	MOPS FOR VDL MODE 4 AIRCRAFT TRANSCEIVE