European Aviation Safety Agency

Explanatory Note to Decision 2014/018/R

AMC/GM to Annex VIII (Part-SPO)

RELATED NPA/CRD 2009-02 — OPINION NO 02/2012 — RMT.0289 (OPS.001) — 24.04.2014

EXECUTIVE SUMMARY

This Decision deals with AMC and GM for air operators related to commercial specialised air operations with aeroplanes, helicopters, sailplanes and balloons and non-commercial specialised air operations with complex aeroplanes and complex helicopters.

The specific objective is to maintain a high level of safety, to ensure proportionate rules where appropriate, and to warrant flexibility and efficiency for operators and authorities.

This Decision is part of the OPS Phases III and IV involving amendments to the Cover Regulation and the following Annexes to Regulation (EU) 965/2012:

— Annex II (Part-ARO),

— Annex III (Part-ORO),

— Annex IV (Part-CAT),

— Annex VII (Part-NCO), and

— Annex VIII (Part-SPO).

Applicability	
Affected regulations and decisions:	AMC/GM to Part-SPO
Affected stakeholders:	Air operators
Driver/origin:	Legal obligation
Reference:	

Process map	
Terms of Reference:	20.7.2006
Concept Paper:	No
Rulemaking group:	Yes
RIA type:	Full
Technical consultation during NPA drafting:	Yes
Publication date of the NPA:	30.1.2009
Duration of NPA consultation:	6 months
Review group:	Yes
Focussed consultation:	No
Publication date of the Opinion:	16.4.2012

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1. Procedural information

1.1. The rule development procedure

The European Aviation Safety Agency (hereinafter referred to as the 'Agency') developed ED Decision 2014/018/R in line with Regulation (EC) No 216/2008[1] (hereinafter referred to as the 'Basic Regulation') and the Rulemaking Procedure[2].

This rulemaking activity is included in the Agency's 4-year Rulemaking Programme under RMT.0289 (OPS.001). The scope and timescale of the task were defined in the related Terms of Reference (see process map on the title page).

The draft text of this Decision has been developed by the Agency based on the input of the Rulemaking Group RG02. All interested parties were consulted through NPA 2009-02[3]. More than 15 000 comments in total were received from interested parties, including industry, national aviation authorities and social partners.

The Agency has reviewed the comments received on the NPA. The comments received and the Agency's responses are presented in the Comment-Response Document (CRD) 2009-02b.

The final text of this Decision with the Acceptable Means of Compliance (AMC)/Guidance Material (GM) has been developed by the Agency based on the input of RG02 and the EASA Committee.

The process map on the title page summarises the major milestones of this rulemaking activity.

1.2. Structure of the related documents

Chapter 1 contains the procedural information related to this task. Chapter 2 explains the core technical content. Chapter 3 provides references. The text of the AMC/GM is annexed to the ED Decision.

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1 Regulation (EC) No 216/2008 of the European Parliament and the Council of 20 February 2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No 1592/2002 and Directive 2004/36/EC (OJ L 79, 19.3.2008, p. 1), as last amended by Commission Regulation (EU) No 6/2013 of 8 January 2013 (OJ L 4, 9.1.2013, p. 34).

2 The Agency is bound to follow a structured rulemaking process as required by Article 52(1) of the Basic Regulation. Such process has been adopted by the Agency's Management Board and is referred to as the 'Rulemaking Procedure'. See Management Board Decision concerning the procedure to be applied by the Agency for the issuing of opinions, certification specifications and guidance material (Rulemaking Procedure), EASA MB Decision No 01-2012 of 13 March 2012.

3 In accordance with Article 52 of the Basic Regulation and Articles 5(3) and 6 of the Rulemaking Procedure.

2. Explanatory Note

This Decision provides AMC/GM to Commission Regulation (EU) No 379/2014 of 24 April 2014 laying down, among others, requirements for specialised air operations (SPO).

2.1. Overview of the issues to be addressed

This Decision is part of OPS Phases III and IV involving amendments to the Cover Regulation and the following Annexes:

— Annex II (Part-ARO),

— Annex III (Part-ORO),

— Annex IV (Part-CAT),

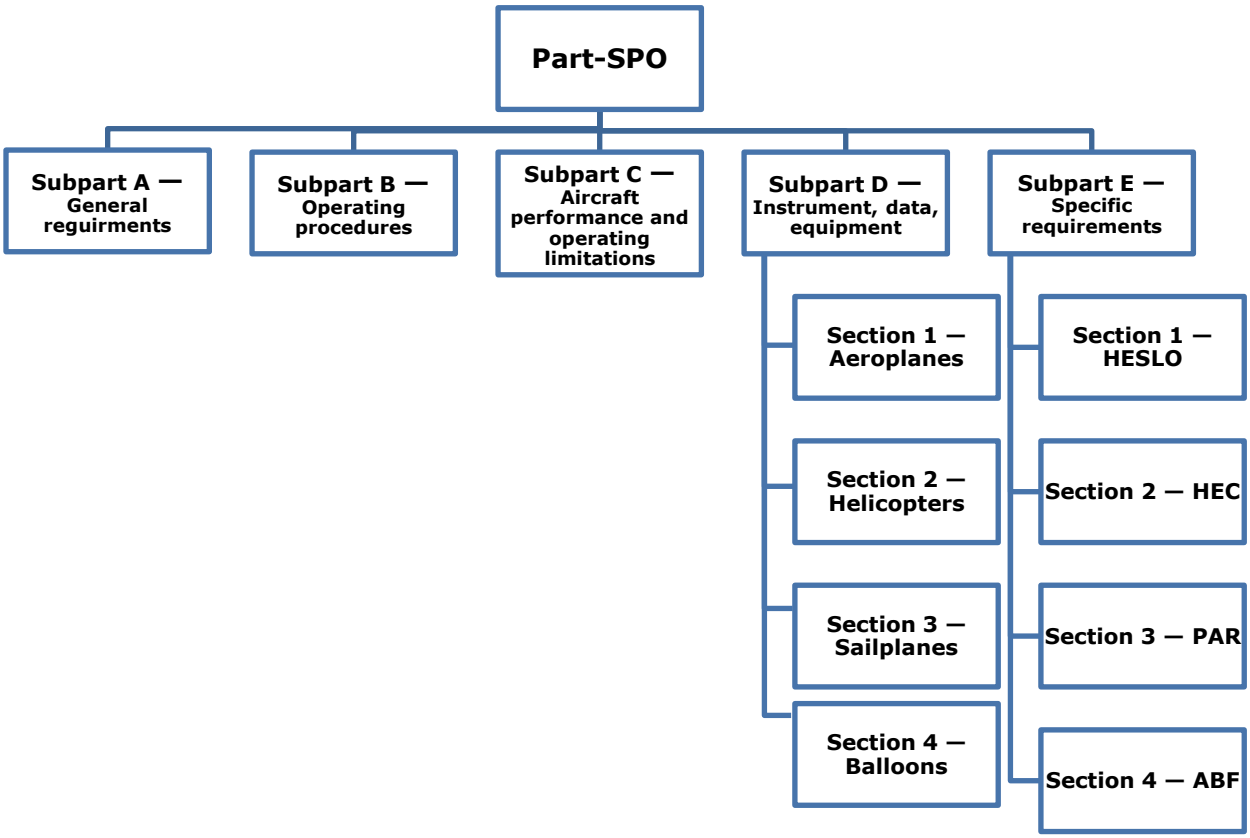
— Annex VII (Part-NCO), and

— Annex VIII (Part-SPO).

Part-SPO contains the technical requirements for commercial specialised air operations with aeroplanes, helicopters, sailplanes and balloons and non-commercial specialised air operations with complex aeroplanes and complex helicopters.

This Decision contains the initial version of the AMC and GM to Part-SPO.

The following chart describes the structure of Part-SPO.



2.2. Objectives

The overall objectives of the EASA system are defined in Article 2 of the Basic Regulation. This proposal will contribute to the achievement of the overall objectives by addressing the issues outlined in Chapter 2. The specific objective of this proposal is, therefore, to maintain a high level of safety, to ensure proportionate rules where appropriate, and to warrant flexibility and efficiency for operators and authorities.

2.3. Overview of the new rules

When drafting the rules for SPO, the Agency carefully checked Subparts A to D in order to ensure the consistency of the new rules with existing technical rules — in particular Part-NCC and Part-NCO — and aligned with them where appropriate.

Subpart E, on specific requirements, contains AMC and GM for two specific SPO activities, helicopter external sling load operations (HESLO) and human external cargo operations (HEC).

Scope

AMC1 to SPO.GEN.005 provides criteria to determine whether an activity falls within the scope of specialised operations.

The associated GM provides a list of operations which are considered to fulfil the criteria in the AMC and are regarded as specialised operations. This is a non-exhaustive list and has already been published with the Opinion. The EASA Committee, however, recommended moving this list to the GM level.

Subpart A — General requirements

The following table provides alignment status between the AMC and GM of Part-SPO and the AMC and GM of other Parts.

SPO AMC/GM	**Rule source**
GM1 SPO.GEN.105(e)(2) Crew member responsibilities	GM1 NCC.GEN.105(e)(2)
GM1 SPO.GEN.107 Pilot-in-command responsibilities and authority	GM1 NCO.GEN.105
GM1 SPO.GEN.107(a)(8) Pilot-in-command responsibilities and authority	GM1 NCO.GEN.105(a)(8)
AMC1 SPO.GEN.107(c) Pilot-in-command responsibilities and authority	AMC1 NCC.GEN.106(c) and GM1 NCO.GEN.105(d)
GM1 SPO.GEN.108(c) Pilot-in-command responsibilities and authority — balloons	GM1 NCO.GEN.106(b)
AMC1 SPO.GEN.107(e) Pilot-in-command responsibilities and authority — balloons	AMC1 NCC.GEN.106(e) and AMC1 NCO.GEN.105(e)

SPO AMC/GM	**Rule source**
GM1 SPO.GEN.120(b)(4) Taxiing of aeroplanes	GM1 NCC.GEN.120(b)(4)
GM1 SPO.GEN.125 Rotor engagement	GM1 NCO.GEN.120 and GM1 NCC.GEN.125 The word 'passengers' is deliberately replaced by the word 'persons'.
GM1 SPO.GEN.130 Portable electronic devices	GM1 NCO.GEN.125
GM2 SPO.GEN.130 Portable electronic devices	GM2 NCO.GEN.125
GM3 SPO.GEN.130 Portable electronic devices	GM3 NCO.GEN.125
AMC1 SPO.GEN.135 Information on emergency and survival equipment carried	AMC1 NCC.GEN.140(a)(3) and AMC1 NCO.GEN.130
AMC1 SPO.GEN.140 Documents, manuals and information to be carried	AMC1 NCC.GEN.140.
AMC1 SPO.GEN.140(a)(3) Documents, manuals and information to be carried	AMC1 NCC.GEN.140(a)(3)
AMC1 SPO.GEN.140(a)(12) Documents, manuals and information to be carried	AMC1 NCC.GEN.140(a)(11)
AMC1 SPO.GEN.140(a)(13) Documents, manuals and information to be carried	AMC1 NCC.GEN.140(a)(12)
GM1 SPO.GEN.140(a)(1) Documents, manuals and information to be carried	GM1 NCC.GEN.140(a)(1)
GM1 SPO.GEN.140(a)(9) Documents, manuals and information to be carried	GM1 NCC.GEN.140(a)(9)
GM1 SPO.GEN.140(a)(14) Documents, manuals and information to be carried	GM1 NCC.GEN.140(a)(13)
GM1 SPO.GEN.140(a)(20) Documents, manuals and information to be carried	GM1 NCC.GEN.140(a)(19)

SPO AMC/GM	Rule source
GM1 SPO.GEN.145(a) Preservation, production and use of flight recorder recordings	GM1 NCC.GEN.145(a)
AMC1 SPO.GEN.145(b) Preservation, production and use of flight recorder recordings	AMC1 NCC.GEN.145(b)
GM1 SPO.GEN.145(b) Preservation, production and use of flight recorder recordings	GM1 NCC.GEN.145(b)
GM1 SPO.GEN.150(a) Transport of dangerous goods	GM1 NCC.GEN.150 and GM1 NCO.GEN.140(a).
AMC1 SPO.GEN.150(e) Transport of dangerous goods	AMC1 NCO.GEN.15(e). Subparagraph (a) differs deliberately and does not explicitly refer to cargo, mail or passengers.

Subpart B — Operating procedures

The following table provides alignment status between the AMC and GM of Part-SPO and the AMC and GM of other Parts.

SPO AMC/GM	Rule source
AMC1 SPO.OP.100 Use of aerodromes and operating sites	AMC1 CAT.OP.MPA.105
GM1 SPO.OP.100 Use of aerodromes and operating sites	GM1 NCO.OP.100
AMC1 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC1 NCC.OP.110
AMC2 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC7 NCC.OP.110
AMC3 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC2 NCC.OP.110
AMC4 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC3 NCC.OP.110
AMC5 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC1 NCO.OP.110

SPO AMC/GM	**Rule source**
AMC6 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC4 NCC.OP.110
AMC7 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC5 NCC.OP.110
AMC8 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC6 NCC.OP.110
AMC9 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC8 NCC.OP.110
AMC10 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC9 NCC.OP.110
AMC11 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	AMC3 NCO.OP.110
GM1 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	GM1 NCC.OP.110
GM2 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	GM1 CAT.OP.MPA.115
GM3 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	GM8 NCO.OP.110
GM4 SPO.OP.110 Aerodrome operating minima — aeroplanes and helicopters	GM3 NCC.OP.110
GM1 SPO.OP.112 Aerodrome operating minima — circling operations with aeroplanes	GM1 NCC.OP.112
AMC1 SPO.OP.120 Noise abatement procedures	AMC1 NCC.OP.120
GM1 SPO.OP.120 Noise abatement procedures	GM1 NCC.OP.120
AMC1 SPO.OP.125 Minimum obstacle clearance altitudes — IFR flights	AMC1 NCC.OP.125
AMC1 SPO.OP.131(a)(1)(ii) Fuel and oil supply — helicopters	SPO specific
AMC1 SPO.OP.135 Safety briefing	SPO specific
AMC1 SPO.OP.151 Destination alternate aerodromes — helicopters	AMC1 NCC.OP.152

SPO AMC/GM	**Rule source**
AMC1 SPO.OP.155 Refuelling with persons embarking, on board or disembarking	AMC1 NCC.OP.155. Adapted in so far as SPO does not transport passengers.
GM1 SPO.OP.155 Refuelling with persons embarking, on board or disembarking	GM1 NCC.OP.155
AMC1 SPO.OP.170 Meteorological conditions	GM1 NCC.OP.180 and GM2 NCO.OP.160
AMC2 SPO.OP.170 Meteorological conditions	AMC1 NCO.OP.160
GM1 SPO.OP.170 Meteorological conditions	GM1 NCC.OP.180 and GM1 NCO.OP.160
GM1 SPO.OP.175 Ice and other contaminants — ground procedures	GM1 NCC.OP.185
GM2 SPO.OP.175 Ice and other contaminants — ground procedures	GM2 NCC.OP.185
GM3 SPO.OP.175 Ice and other contaminants — ground procedures	GM3 NCC.OP.185
AMC1 SPO.OP.176 Ice and other contaminants — flight procedures	AMC1 NCC.OP.190
GM1 SPO.OP.200 Ground proximity detection	GM1 NCC.OP.215
GM1 SPO.OP.205 Airborne collision avoidance system (ACAS)	GM1 NCC.OP.220
AMC1 SPO.OP.210 Approach and landing conditions — aeroplanes and helicopters	AMC1 NCC.OP.225
AMC1 SPO.OP.215 Commencement and continuation of approach — aeroplanes and helicopters	AMC1 NCC.OP.230
GM1 SPO.OP.225 Operational limitations — hot-air balloons	GM1 NCO.OP.215
AMC1 SPO.OP.230 Standard operating procedures	SPO specific
AMC2 SPO.OP.230 Standard operating procedures	SPO specific
GM1 SPO.OP.230 Standard operating procedures	SPO specific

Subpart C — Aircraft performance and operating limitations

The following table provides alignment status between the AMC and GM of Part-SPO and the AMC and GM of other Parts.

SPO AMC/GM	**Rule source**
AMC1 SPO.POL.100 Operating Limitations — all aircraft APPROPRIATE MANUAL	SPO specific — to clarify where the operating limitations may be contained
GM1 SPO.POL.105 Mass and balance GENERAL — OPERATIONS WITH OTHER-THAN-COMPLEX MOTOR-POWERED AIRCRAFT	GM1 NCO.POL.105
AMC1 SPO.POL.105(b) Mass and balance WEIGHING OF AN AIRCRAFT — OPERATIONS WITH COMPLEX MOTOR POWERED AIRCRAFT CG LIMITS — OPERATIONAL CG ENVELOPE AND IN-FLIGHT CG	AMC1 NCC.POL.105(a) AMC1 NCC.POL.105(b)
AMC1 SPO.POL.110(a)(1) Mass and balance system — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft DRY OPERATING MASS	AMC1 NCC.POL.105(c)
AMC1 SPO.POL.110(a)(2) Mass and balance system — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft SPECIAL STANDARD MASSES FOR TRAFFIC LOAD	SPO specific — to address specific task specialist carry-on items
GM1 SPO.POL.110(a)(2) Mass and balance system — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft TRAFFIC LOAD	SPO specific — to clarify that tasks specialists should be included in the traffic load
AMC1 SPO.POL.110(a)(3) Mass and balance system — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft FUEL LOAD	NCC.POL.105(g)

SPO AMC/GM	**Rule source**
GM1 SPO.POL.110(a)(3) Mass and balance system — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft FUEL DENSITY	GM1 NCC.POL.105(g)
AMC1 SPO.POL.110(a)(4) Mass and balance system — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft LOADING — STRUCTURAL LIMITS	NCC.POL.105(i)
GM1 SPO.POL.110(b) Mass and balance system — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft GENERAL	SPO specific — to account for standard load profiles used in certain aerial work activities
AMC1 SPO.POL.115 Mass and balance data and documentation — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft GENERAL	NCC.POL.110
GM1 SPO.POL.115 Mass and balance data and documentation — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft SIGNATURE OR EQUIVALENT	AMC1 NCC.POL.110(c)
AMC1 SPO.POL.115(b) Mass and balance data and documentation — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft INTEGRITY	AMC2 NCC.POL.110(b)
AMC2 SPO.POL.115(b) Mass and balance data and documentation — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft MASS AND BALANCE DOCUMENTATION SENT VIA DATA LINK	AMC2 NCC.POL.110(c)

SPO AMC/GM	**Rule source**
GM1 SPO.POL.115(b) Mass and balance data and documentation — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft ON BOARD INTEGRATED MASS AND BALANCE COMPUTER SYSTEM	GM1 NCC.POL.110(b)
GM2 SPO.POL.115(b) Mass and balance data and documentation — commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft STAND-ALONE COMPUTERISED MASS AND BALANCE SYSTEM	GM2 NCC.POL.110(b)
AMC1 SPO.POL.130(a) Take-off — complex motor-powered aeroplanes TAKE-OFF MASS	AMC1 NCC.POL.125
AMC1 SPO.POL.130(a)(4) Take-off — complex motor-powered aeroplanes CONTAMINATED RUNWAY PERFORMANCE DATA	AMC2 NCC.POL.125
GM1 SPO.POL.130(a)(4) Take-off — complex motor-powered aeroplanes RUNWAY SURFACE CONDITION	GM1 NCC.POL.125
AMC1 SPO.POL.130(b)(2) Take-off — complex motor-powered aeroplanes ADEQUATE MARGIN	AMC3 NCC.POL.125
GM1 SPO.POL.130(b)(2) Take-off — complex motor-powered aeroplanes ADEQUATE MARGIN	GM2 NCC.POL.125
AMC1 SPO.POL.140 Landing — complex motor-powered aeroplanes GENERAL	AMC1 NCC.POL.135
AMC2 SPO.POL.140 Landing — complex motor-powered aeroplanes ALLOWANCES	AMC2 NCC.POL.135

SPO AMC/GM	Rule source
AMC1 SPO.POL.145(a) and (b) Performance and operating criteria — aeroplanes, and AMC1 SPO.POL.146(b)(1) and (2) Performance and operating criteria — helicopters OPERATIONAL PROCEDURES AND TRAINING PROGRAMME	SPO specific
GM1 SPO.POL.146(c) Performance and operating criteria — helicopters GENERAL	SPO specific

Subpart D — Instrument, data, equipment

The following table provides alignment status between the AMC and GM of Part-SPO and the AMC and GM of other Parts.

SPO AMC/GM	Rule source
GM1 SPO.IDE.A.100(a) APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.A.100(a)
GM1 SPO.IDE.A.100(b) REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.A.100(b)
GM1 SPO.IDE.A.100(c) NOT REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS, BUT ARE CARRIED ON A FLIGHT	GM1 NCO.IDE.A.100(c)
GM1 SPO.IDE.A.100 (d) Instruments and equipment — general POSITIONING OF INSTRUMENTS	GM1 NCC.IDE.A.100(d)
GM1 SPO.IDE.A.110 Spare electrical fuses FUSES	GM1 NCC.IDE.A.110 GM1 NCO.IDE.A.110

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.A.120&SPO.IDE.A.125 Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment INTEGRATED INSTRUMENTS	AMC1 NCC.IDE.A.120 & NCC.IDE.A.125 AMC1 NCO.IDE.A.120&NCO.IDE.A.125
AMC2 SPO.IDE.A.120 Operations under VFR — flight and navigational instruments and associated equipment LOCAL FLIGHTS	AMC2 NCC.IDE.A.120 AMC2 NCO.IDE.A.120
GM1 SPO.IDE.A.120 Operations under VFR — flight and navigational instruments and associated equipment SLIP INDICATION	GM1 NCO.IDE.A.120
GM1 SPO.IDE.A.125 Operations under IFR — flight and navigational instruments and associated equipment ALTERNATE SOURCE OF STATIC PRESSURE	GM1 NCO.IDE.A.125
AMC1 SPO.IDE.A.120(a)(1)&SPO.IDE.A.125(a)(1) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MEANS OF MEASURING AND DISPLAYING MAGNETIC HEADING	AMC1 NCC.IDE.A.120(a)(1)&NCC.IDE.A.125(a)(1) AMC1 NCO.IDE.A.120(a)(1)&NCO.IDE.A.125(a)(1)
AMC1 SPO.IDE.A.120(a)(2)&SPO.IDE.A.125(a)(2) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MEANS OF MEASURING AND DISPLAYING THE TIME — COMPLEX MOTOR-POWERED AIRCRAFT MEANS OF MEASURING AND DISPLAYING THE TIME — OTHER-THAN- COMPLEX MOTOR-POWERED AIRCRAFT	AMC1 NCC.IDE.A.120(a)(2) & NCC.IDE.A.125(a)(2) AMC1 NCO.IDE.A.120(a)(2) & NCO.IDE.A.125(a)(2)

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.A.120(a)(3)&SPO.IDE.A.125(a)(3) Operations under VFR operations & operations under IFR — flight and navigational instruments and associated equipment CALIBRATION OF THE MEANS OF MEASURING AND DISPLAYING PRESSURE ALTITUDE	AMC1 NCC.IDE.A.120(a)(3)&NCC.IDE.A.125(a)(3) AMC1 NCO.IDE.A.120(a)(3)&NCO.IDE.A.125(a)(3)
GM1 SPO.IDE.A.125(a)(3) Operations under IFR — flight and navigational instruments and associated equipment ALTIMETERS	GM1 NCO.IDE.A.125(a)(3)
AMC1 SPO.IDE.A.120(a)(4)&SPO.IDE.A.125(a)(4) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment CALIBRATION OF THE INSTRUMENT INDICATING AIRSPEED	AMC1 NCO.IDE.A.120(a)(4) & NCO.IDE.A.125(a)(4)
AMC1 SPO.IDE.A.120(e)&SPO.IDE.A.125(c) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MULTI-PILOT OPERATIONS — DUPLICATE INSTRUMENTS	AMC1 NCC.IDE.A.120(c)&NCC.IDE.A.125(c)
AMC1 SPO.IDE.A.125(a)(9) Operations under IFR — flight and navigational instruments and associated equipment MEANS OF DISPLAYING OUTSIDE AIR TEMPERATURE	AMC1 NCO.IDE.A.125(a)(9)
AMC1 SPO.IDE.A.120(c)&SPO.IDE.A.125(d) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MEANS OF PREVENTING MALFUNCTION DUE TO CONDENSATION OR ICING	AMC1 NCC.IDE.A.125(d) AMC1 NCO.IDE.A.120(b)(3)&NCO.IDE.A.125(c)

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.A.125(e)(2) Operations under IFR — flight and navigational instruments and associated equipment CHART HOLDER	AMC1 NCC.IDE.A.125(f)
AMC1 SPO.IDE.A.130 Terrain awareness warning system (TAWS) EXCESSIVE DOWNWARDS GLIDESLOPE DEVIATION WARNING FOR CLASS A TAWS	AMC1 NCO.IDE.A.135 AMC1 NCO.IDE.A.130
GM1 SPO.IDE.A.130 Terrain awareness warning system (TAWS) ACCEPTABLE STANDARD FOR TAWS	GM1 NCO.IDE.A.135 GM1 NCO.IDE.A.130
AMC1 SPO.IDE.A.132 Airborne weather detecting equipment — complex motor-powered aeroplanes GENERAL	AMC1 NCC.IDE.A.145
AMC1 SPO.IDE.A.135 Flight crew interphone system TYPE OF FLIGHT CREW INTERPHONE	AMC1 NCC.IDE.A.155
AMC1 SPO.IDE.A.140 Cockpit voice recorder GENERAL	AMC1 NCC.IDE.A.160
AMC1 SPO.IDE.A.145 FLIGHT DATA RECORDER OPERATIONAL PERFORMANCE REQUIREMENTS	AMC1 NCC.IDE.A.165
AMC1 SPO.IDE.A.150 Data link recording GENERAL	AMC1 NCC.IDE.A.170
GM1 SPO.IDE.A.150 Data link recording GENERAL	GM1 NCC.IDE.A.170
AMC1 SPO.IDE.A.155 Flight data and cockpit voice combination recorder GENERAL	AMC1 NCC.IDE.A.175

SPO AMC/GM	**Rule source**
GM1 SPO.IDE.A.155 Flight data and cockpit voice combination recorder GENERAL	GM1 NCC.IDE.A.175
AMC1 SPO.IDE.A.160 Seats, seat safety belts and restraint systems UPPER TORSO RESTRAINT SYSTEM SEAT BELT	AMC2 NCC.IDE.A.180 AMC2 NCO.IDE.A.140
AMC1 SPO.IDE.A.165 First-aid kit CONTENT OF FIRST-AID KITS — OTHER-THAN-COMPLEX MOTOR-POWERED AEROPLANES	AMC1 NCO.IDE.A.145
AMC2 SPO.IDE.A.165 First-aid kit CONTENT OF FIRST-AID KITS — COMPLEX MOTOR-POWERED AEROPLANES	AMC1 NCO.IDE.A.190
AMC3 SPO.IDE.A.165 First-aid kit MAINTENANCE OF FIRST-AID KIT	AMC2 NCC.IDE.A.190 AMC2 NCO.IDE.A.145
AMC1 SPO.IDE.A.170 Supplemental oxygen — pressurised aeroplanes DETERMINATION OF OXYGEN	AMC1 NCC.IDE.A.195 AMC1 NCO.IDE.A.150
GM1 SPO.IDE.A.170(c)(2) Supplemental oxygen — pressurised aeroplanes QUICK DONNING MASKS	GM1 NCC.IDE.A.195(c)(2)
AMC1 SPO.IDE.A.175 Supplemental oxygen — non-pressurised aeroplanes DETERMINATION OF OXYGEN	AMC1 NCO.IDE.A.200 AMC1 NCO.IDE.A.155
AMC1 SPO.IDE.A.180 Hand fire extinguishers NUMBER, LOCATION AND TYPE	AMC1 NCC.IDE.A.205
AMC1 SPO.IDE.A.185 Marking of break-in points COLOUR AND CORNERS' MARKING	AMC1 NCC.IDE.A.210 AMC1 NCO.IDE.A.165

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.A.190 Emergency locator transmitter (ELT) BATTERIES	AMC 1 NCO.IDE.A.170
AMC2 SPO.IDE.A.190 Emergency locator transmitter (ELT) TYPES OF ELT AND GENERAL TECHNICAL SPECIFICATIONS	AMC2 NCC.IDE.A.215 AMC2 NCO.IDE.A.170
AMC3 SPO.IDE.A.190 Emergency locator transmitter (ELT) PLB TECHNICAL SPECIFICATIONS BRIEFING ON PLB USE	AMC3 NCO.IDE.A.170 AMC4 NCO.IDE.A.170
GM1 SPO.IDE.A.190 Emergency locator transmitter (ELT) TERMINOLOGY	GM1 NCO.IDE.A.170
GM2 SPO.IDE.A.190 Emergency locator transmitter (ELT) MAXIMUM CERTIFIED SEATING CONFIGURATION	SPO specific — clarification to take into account that in SPO there are no passengers, therefore, no MOPSC exists. The Certified seating configuration is then used and this does not include pilot seats.
AMC1 SPO.IDE.A.195 Flight over water ACCESSIBILITY OF LIFE-JACKETS MEANS OF ILLUMINATION FOR LIFE-JACKETS RISK ASSESSMENT	AMC1 NCC.IDE.A.220 AMC1 NCO.IDE.A.175
AMC2 SPO.IDE.A.195 Flight over water LIFE–RAFTS AND EQUIPMENT FOR MAKING DISTRESS SIGNALS	AMC2 NCC.IDE.A.220
GM1 SPO.IDE.A.195 Flight over water SEAT CUSHIONS	GM1 NCO.IDE.A.220 GM1 NCO.IDE.A.175
AMC1 SPO.IDE.A.200 Survival equipment ADDITIONAL SURVIVAL EQUIPMENT	AMC1 NCC.IDE.A.230(a)(3) AMC2 NCO.IDE.A.180

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.A.200(a)(2) Survival equipment SURVIVAL ELT	AMC1 NCC.IDE.A.230(a)(2)
AMC1 SPO.IDE.A.200(b)(2) Survival equipment APPLICABLE AIRWORTHINESS STANDARD	AMC1 NCC.IDE.A.230(b)(2)
GM1 SPO.IDE.A.200 Survival equipment SIGNALLING EQUIPMENT	GM1 NCC.IDE.A.230 GM1 NCO.IDE.A.180
GM2 SPO.IDE.A.200 Survival equipment AREAS IN WHICH SEARCH AND RESCUE WOULD BE ESPECIALLY DIFFICULT	GM2 NCC.IDE.A.230 GM2 NCO.IDE.A.180
GM1 SPO.IDE.A.205 Individual protective equipment TYPES OF INDIVIDUAL PROTECTIVE EQUIPMENT	SPO specific
AMC1 SPO.IDE.A.210 Headset GENERAL	AMC1 NCC.IDE.A.240
GM1 SPO.IDE.A.210 Headset GENERAL	GM1 NCC.IDE.A.240
GM1 SPO.IDE.A.215 Radio communication equipment APPLICABLE AIRSPACE REQUIREMENTS	GM1 NCC.IDE.A.245 GM1 NCO.IDE.A.190
AMC1 SPO.IDE.A.220 Navigation equipment NAVIGATION WITH VISUAL REFERENCE TO LANDMARKS — OTHER-THAN-COMPLEX AEROPLANES	AMC1 NCO.IDE.A.195
AMC1 SPO.IDE.A.225 Transponder GENERAL	AMC1 NCC.IDE.A.255 AMC1 NCO.IDE.A.200
GM1 SPO.IDE.H.100(a) APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.H.100(a)

SPO AMC/GM	**Rule source**
GM1 SPO.IDE.H.100(b) REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.H.100(b)
GM1 SPO.IDE.H.100(c) NOT REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS, BUT ARE CARRIED ON A FLIGHT	GM1 NCO.IDE.H.100(c)
GM1 SPO.IDE.H.100 (d) Instruments and equipment — general POSITIONING OF INSTRUMENTS	GM1 NCC.IDE.H.100(d)
AMC1 SPO.IDE.H.115 Operating lights LANDING LIGHT	AMC1 NCC.IDE.H.115 AMC1 NCO.IDE.H.115
AMC1 SPO.IDE.H.120&SPO.IDE.H.125 Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment INTEGRATED INSTRUMENTS	AMC1 NCC.IDE.H.120 & NCC.IDE.H.125 AMC1 NCO.IDE.H.120 & NCO.IDE.H.125
AMC1 SPO.IDE.H.120(a)(1)&SPO.IDE.H.125(a)(1) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MEANS OF MEASURING AND DISPLAYING MAGNETIC HEADING	AMC1 NCC.IDE.H.120(a)(1)&NCC.IDE.H.125(a)(1) AMC1 NCO.IDE.H.120(a)(1)&NCO.IDE.H.125(a)(1)

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.H.120(a)(2)&SPO.IDE.H.125(a)(2) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MEANS OF MEASURING AND DISPLAYING THE TIME — COMPLEX MOTOR-POWERED AIRCRAFT MEANS OF MEASURING AND DISPLAYING THE TIME — OTHER-THAN- COMPLEX MOTOR-POWERED AIRCRAFT	AMC1 NCC.IDE.H.120(a)(2) & NCC.IDE.H.125(a)(2) AMC1 NCO.IDE.H.120(a)(2) & NCO.IDE.H.125(a)(2)
AMC1 SPO.IDE.H.120(a)(3)&SPO.IDE.H.125(a)(3) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment CALIBRATION OF THE MEANS OF MEASURING AND DISPLAYING PRESSURE ALTITUDE	AMC1 NCC.IDE.H.120(a)(3) & NCC.IDE.H.125(a)(3) AMC1 NCO.IDE.H.120(a)(3) & NCO.IDE.H.125(a)(3)
GM1 SPO.IDE.H.125(a)(3) Operations under IFR — flight and navigational instruments and associated equipment ALTIMETERS	GM1 NCO.IDE.H.125(a)(3)
AMC1 SPO.IDE.H.120(a)(4)&SPO.IDE.H.125(a)(4) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment CALIBRATION OF THE INSTRUMENT INDICATING AIRSPEED	AMC1NCC.IDE.H.120(a)(4) & NCC.IDE.H.125(a)(4) AMC1NCO.IDE.H.120(a)(4) & NCO.IDE.H.125(a)(4)
AMC1 SPO.IDE.H.120(a)(5) Operations under VFR — flight and navigational instruments and associated equipment SLIP	AMC1 NCO.IDE.H.120(a)(5)
AMC1 SPO.IDE.H.125(a)(9) ..Operations under IFR — flight and navigational instruments and associated equipment MEANS OF DISPLAYING OUTSIDE AIR TEMPERATURE	AMC1 NCC.IDE.H.125(a)(9) AMC1 NCO.IDE.H.125(a)(9)

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.H.120(d)&SPO.IDE.H.125(c) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MULTI-PILOT OPERATIONS — DUPLICATE INSTRUMENTS	AMC1 NCC.IDE.H.120(c)&NCC.IDE.H.125(c)
AMC1 SPO.IDE.H.120(b)(1)(iii)&SPO.IDE.H.125(a)(8) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment STABILISED HEADING	AMC1 NCC.IDE.H.120(b)(1)(iii)&NCC.IDE.H.125(a)(8) AMC1 NCO.IDE.H.120(b)(1)(iii)&NCO.IDE.H.125(a)(8)
AMC1 SPO.IDE.H.120(b)(3)&SPO.IDE.H.125(d) Operations under VFR & operations under IFR — flight and navigational instruments and associated equipment MEANS OF PREVENTING MALFUNCTION DUE TO CONDENSATION OR ICING	AMC1 NCC.IDE.H.125.(d) AMC1 NCO.IDE.H.120.(c)&NCO.IDE.H.125(c)
AMC1 SPO.IDE.H.125(f)(2) Operations under IFR — flight and navigational instruments and associated equipment CHART HOLDER	AMC1 NCC.IDE.H.125(f)
AMC1 SPO.IDE.H.132 Airborne weather detecting equipment — complex motor-powered helicopters GENERAL	AMC1 NCC.IDE.H.145
AMC1 SPO.IDE.H.135 Flight crew interphone system TYPE OF FLIGHT CREW INTERPHONE	AMC1 NCC.IDE.H.155
AMC1 SPO.IDE.H.140 Cockpit voice recorder GENERAL	AMC1 NCC.IDE.H.160
AMC1 SPO.IDE.H.145 Flight data recorder OPERATIONAL PERFORMANCE REQUIREMENTS	AMC1 NCC.IDE.H.165

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.H.150 Data link recording GENERAL	AMC1 NCC.IDE.H.170
GM1 SPO.IDE.H.150 Data link recording GENERAL	GM1 NCC.IDE.H.170
GM1 SPO.IDE.H.155 Flight data and cockpit voice combination recorder COMBINATION RECORDERS	GM1 NCC.IDE.H.175
AMC2 SPO.IDE.H.160 Seats, seat safety belts and restraint systems UPPER TORSO RESTRAINT SYSTEM SEAT BELT	AMC2 NCC.IDE.H.180 AMC2 NCO.IDE.H.140
AMC1 SPO.IDE.H.165 First-aid kit CONTENT OF FIRST-AID KITS — OTHER-THAN-COMPLEX MOTOR-POWERED HELICOPTERS	AMC1 NCO.IDE.H.145
AMC2 SPO.IDE.H.165 First-aid kit CONTENT OF FIRST-AID KIT — COMPLEX MOTOR-POWERED HELICOPTERS	AMC1 NCO.IDE.H.190
AMC3 SPO.IDE.H.165 First-aid kit MAINTENANCE OF FIRST-AID KIT	AMC2 NCC.IDE.H.190 AMC2 NCO.IDE.H.145
AMC1 SPO.IDE.H.175 Supplemental oxygen — non-pressurised helicopters DETERMINATION OF OXYGEN	AMC1 NCC.IDE.H.200 AMC1 NCO.IDE.H.155
AMC1 SPO.IDE.H.180 Hand fire extinguishers NUMBER, LOCATION AND TYPE	AMC1 NCC.IDE.H.205
AMC1 SPO.IDE.H.185 Marking of break-in points COLOUR AND CORNERS' MARKING	AMC1 NCC.IDE.H.210 AMC1 NCO.IDE.H.165
AMC1 SPO.IDE.H.190 Emergency locator transmitter (ELT) BATTERIES	AMC 1 NCO.IDE.H.170

SPO AMC/GM	**Rule source**
AMC2 SPO.IDE.H.190 Emergency locator transmitter (ELT) TYPES OF ELT AND GENERAL TECHNICAL SPECIFICATIONS	AMC2 NCC.IDE.H.215 AMC2 NCO.IDE.H.170
AMC3 SPO.IDE.H.190 Emergency locator transmitter (ELT) PLB TECHNICAL SPECIFICATIONS	AMC3 NCO.IDE.H.170
AMC4 SPO.IDE.H.190 Emergency locator transmitter (ELT) BRIEFING ON PLB USE	AMC4 NCO.IDE.H.170
GM1 SPO.IDE.H.190 Emergency locator transmitter (ELT) TERMINOLOGY	GM1 NCO.IDE.H.170
GM2 SPO.IDE.H.190 Emergency locator transmitter (ELT) MAXIMUM CERTIFIED SEATING CONFIGURATION	SPO specific — clarification to take into account that in SPO there are no passengers, therefore, no MOPSC exists. The Certified seating configuration is then used and this does not include pilot seats.
AMC1 SPO.IDE.H.195 Flight over water — other than complex motor-powered helicopters ACCESSIBILITY OF LIFE-JACKETS MEANS OF ILLUMINATION FOR LIFE-JACKETS RISK ASSESSMENT	AMC1 NCO.IDE.H.175
GM1 SPO.IDE.H.195 Flight over water — other than complex motor-powered helicopters SEAT CUSHIONS	GM1 NCO.IDE.H.175
AMC1 SPO.IDE.H.197 Life jackets — complex motor-powered helicopters ACCESSIBILITY OF LIFE-JACKETS MEANS OF ILLUMINATION FOR LIFE-JACKETS	AMC1 NCC.IDE.H.225(a) AMC1 NCC.IDE.H.225(b)
GM1 SPO.IDE.H.197 Life-jackets — complex motor-powered helicopters SEAT CUSHIONS	AMC1 NCC.IDE.H.225

SPO AMC/GM	**Rule source**
GM1 SPO.IDE.H.198 Survival suits — complex motor-powered helicopters ESTIMATING SURVIVAL TIME	GM1 NCC.IDE.H.226
AMC1 SPO.IDE.H.199 Life-rafts, survival ELTs and survival equipment on extended overwater flights — complex motor-powered helicopters LIFE–RAFTS AND EQUIPMENT FOR MAKING DISTRESS SIGNALS	AMC1 NCC.IDE.H.227
AMC1 SPO.IDE.H.200 Survival equipment ADDITIONAL SURVIVAL EQUIPMENT	AMC1 NCC.IDE.H.230 AMC2 NCO.IDE.H.180
AMC1 SPO.IDE.H.200(b) Survival equipment SURVIVAL ELT	AMC2 NCC.IDE.H.230
GM1 SPO.IDE.H.200 Survival equipment SIGNALLING EQUIPMENT	GM1 NCC.IDE.H.230 GM1 NCO.IDE.H.180
GM2 SPO.IDE.H.200 Survival equipment AREAS IN WHICH SEARCH AND RESCUE WOULD BE ESPECIALLY DIFFICULT	GM2 NCC.IDE.H.230 GM2 NCO.IDE.H.180
AMC1 SPO.IDE.H.201 Additional requirements for helicopters conducting offshore operations in a hostile sea area — complex motor-powered helicopters INSTALLATION OF THE LIFE RAFT	AMC1 NCC.IDE.H.231
GM1 SPO.IDE.H.202 Helicopters certificated for operating on water — miscellaneous equipment INTERNATIONAL REGULATIONS FOR PREVENTING COLLISIONS AT SEA	GM2 NCC.IDE.H.232
AMC1 SPO.IDE.H.203 All helicopters on flights over water — ditching EMERGENCY FLOTATION EQUIPMENT	AMC1 NCC.IDE.H.235
GM1 SPO.IDE.H.205 Individual protective equipment TYPES OF INDIVIDUAL PROTECTIVE EQUIPMENT	SPO specific

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.H.210 Headset GENERAL	AMC1 NCC.IDE.H.240
GM1 SPO.IDE.H.210 Headset GENERAL	GM1 NCC.IDE.H.240
GM1 SPO.IDE.H.215 Radio communication equipment APPLICABLE AIRSPACE REQUIREMENTS	GM1 NCC.IDE.H.245 GM1 NCO.IDE.H.195
AMC1 SPO.IDE.H.220 Navigation equipment NAVIGATION WITH VISUAL REFERENCE TO LANDMARKS — OTHER-THAN-COMPLEX HELICOPTERS	AMC1 NCO.IDE.H.195
AMC1 SPO.IDE.H.225 Transponder GENERAL	AMC1 NCC.IDE.H.255 AMC1 NCO.IDE.H.200
GM1 SPO.IDE.S.100(a) APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.S.100(a)
GM1 SPO.IDE.S.100(b) REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.S.100(b)
GM1 SPO.IDE.S.100(c) NOT REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS, BUT ARE CARRIED ON A FLIGHT	GM1 NCO.IDE.S.100(c)
AMC1 SPO.IDE.S.115&SPO.IDE.S.120 Operations under VFR & Cloud flying — flight and navigational instruments INTEGRATED INSTRUMENTS	AMC1 NCO.IDE.S.115&NCO.IDE.S.120

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.S.115(a)(1)&SPO.IDE.S.120(a) Operations under VFR & Cloud flying — flight and navigational instruments MEANS OF MEASURING AND DISPLAYING MAGNETIC HEADING	AMC1 NCO.IDE.S.115(a)(1)&NCO.IDE.S.120(a)
AMC1 SPO.IDE.S.115(a)(2)&SPO.IDE.S.120(b) Operations under VFR & Cloud flying — flight and navigational instruments MEANS OF MEASURING AND DISPLAYING THE TIME	AMC1 NCO.IDE.S.115(a)(2)&NCO.IDE.S.120(b)
AMC1 SPO.IDE.S.115(a)(3)&SPO.IDE.S.120(c) Operations under VFR & Cloud flying — flight and navigational instruments CALIBRATION OF THE MEANS FOR MEASURING AND DISPLAYING PRESSURE ALTITUDE	AMC1 NCO.IDE.S.115(a)(3)&NCO.IDE.S.120(c)
AMC1 SPO.IDE.S.115(a)(4)&SPO.IDE.S.120(d) Operations under VFR & Cloud flying — flight and navigational instruments CALIBRATION OF THE INSTRUMENT INDICATING AIRSPEED	AMC1 NCO.IDE.S.115(a)(4)&NCO.IDE.S.120(d)
AMC1 SPO.IDE.S.1(b)(2) Operations under VFR — flight and navigational instruments SLIP INDICATION	AMC1 NCO.IDE.S.115(b)(2)
GM1 SPO.IDE.S.115(b) Operations under VFR — flight and navigational instruments CONDITIONS WHERE THE SAILPLANE CANNOT BE MAINTAINED IN A DESIRED ATTITUDE WITHOUT REFERENCE TO ONE OR MORE ADDITIONAL INSTRUMENTS	GM1 NCO.IDE.S.115(b)
AMC1 SPO.IDE.S.125 Seats and restraint systems UPPER TORSO RESTRAINT SYSTEM	AMC1 NCO.IDE.S.125

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.S.135 Flight over water MEANS OF ILLUMINATION FOR LIFE-JACKETS RISK ASSESSMENT	AMC1 NCO.IDE.S.135
GM1 SPO.IDE.S.135(a) Flight over water SEAT CUSHIONS	GM1 NCO.IDE.S.135(a)
AMC1 SPO.IDE.S.135(b) Flight over water BATTERIES	AMC1 NCO.IDE.S.135(b)
AMC2 SPO.IDE.S.135(b) Flight over water TYPES OF ELT AND GENERAL TECHNICAL SPECIFICATIONS	AMC2 NCO.IDE.S.135(b)
AMC3 SPO.IDE.S.135(b) Flight over water PLB TECHNICAL SPECIFICATIONS	AMC3 NCO.IDE.S.135(b)
AMC4 SPO.IDE.S.135(b) Flight over water BRIEFING ON PLB USE	AMC4 NCO.IDE.S.135(b)
GM1 SPO.IDE.S.135(b) Flight over water TERMINOLOGY	GM1 NCO.IDE.S.135(b)
AMC1 SPO.IDE.S.140 Survival equipment GENERAL	AMC1 NCO.IDE.S.140
AMC2 SPO.IDE.S.140 Survival equipment ADDITIONAL SURVIVAL EQUIPMENT	AMC2 NCO.IDE.S.140
GM1 SPO.IDE.S.140 Survival equipment SIGNALLING EQUIPMENT	GM1 NCO.IDE.S.140
GM2 SPO.IDE.S.140 Survival equipment AREAS IN WHICH SEARCH AND RESCUE WOULD BE ESPECIALLY DIFFICULT	GM2 NCO.IDE.S.140
GM1 SPO.IDE.S.150 Navigation equipment APPLICABLE AIRSPACE REQUIREMENTS	GM1 NCO.IDE.S.150
AMC1 SPO.IDE.S.155 Transponder GENERAL	AMC1 NCO.IDE.S.155

SPO AMC/GM	**Rule source**
GM1 SPO.IDE.B.100(a) APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.B.100(a)
GM1 SPO.IDE.B.100(b) REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS	GM1 NCO.IDE.B.100(b)
GM1 SPO.IDE.B.100(c) NOT REQUIRED INSTRUMENTS AND EQUIPMENT THAT DO NOT NEED TO BE APPROVED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS, BUT ARE CARRIED ON A FLIGHT	GM1 NCO.IDE.B.100(c)
AMC1 SPO.IDE.B.110 Operating lights ANTI-COLLISION LIGHTS ILLUMINATION FOR INSTRUMENTS AND EQUIPMENT	AMC1 NCO.IDE.B.110
AMC1 SPO.IDE.B.115(a) Operations under VFR — flight and navigational instruments and associated equipment MEANS OF DISPLAYING DRIFT direction	AMC1 NCO.IDE.B.115(a)
AMC1 SPO.IDE.B.115(b)(1) Operations under VFR — flight and navigational instruments and associated equipment MEANS OF MEASURING AND DISPLAYING THE TIME	AMC1 NCO.IDE.B.115(b)(1)
GM1 SPO.IDE.B.115(b)(2) Operations under VFR — flight and navigational instruments MEANS OF MEASURING AND DISPLAYING VERTICAL SPEED	GM1 NCO.IDE.B.115(b)(2)
GM1 SPO.IDE.B.115(b)(3) Operations under VFR — flight and navigational instruments and associated equipment MEANS OF MEASURING AND DISPLAYING PRESSURE ALTITUDE	GM1 NCO.IDE.B.115(b)(3)

SPO AMC/GM	**Rule source**
AMC1 SPO.IDE.B.120 First-aid kit CONTENT OF FIRST-AID KITS	AMC1 NCO.IDE.B.120
AMC2 SPO.IDE.B.120 First-aid kit MAINTENANCE OF FIRST-AID KIT	AMC2 NCO.IDE.B.120
AMC1 SPO.IDE.B.125 Hand fire extinguishers CERTIFICATION SPECIFICATIONS	AMC1 NCO.IDE.B.125
AMC1 SPO.IDE.B.130 Flight over water RISK ASSESSMENT	AMC1 NCO.IDE.B.130
AMC1 SPO.IDE.B.130(a) Flight over water MEANS OF ILLUMINATION FOR LIFE-JACKETS	AMC1 NCO.IDE.B.130
AMC1 SPO.IDE.B.130(b) Flight over water BATTERIES	AMC1 NCO.IDE.B.130(b)
AMC2 SPO.IDE.B.130(b) Flight over water TYPES OF ELT AND GENERAL TECHNICAL SPECIFICATIONS	AMC2 NCO.IDE.B.130(b)
AMC3 SPO.IDE.B.130(b) Flight over water PLB TECHNICAL SPECIFICATIONS	AMC3 NCO.IDE.B.130(b)
AMC4 SPO.IDE.B.130(b) Flight over water BRIEFING ON PLB USE	AMC4 NCO.IDE.B.130(b)
GM1 SPO.IDE.B.130(b) Flight over water TERMINOLOGY	GM1 NCO.IDE.B.130(b)
GM1 SPO.IDE.B.130(c) Flight over water SIGNALLING EQUIPMENT	GM1 NCO.IDE.B.130(d)
AMC1 SPO.IDE.B.135 Survival equipment GENERAL	AMC1 NCO.IDE.B.135
AMC2 SPO.IDE.B.135 Survival equipment ADDITIONAL SURVIVAL EQUIPMENT	AMC2 NCO.IDE.B.135

SPO AMC/GM	**Rule source**
GM2 SPO.IDE.B.135 Survival equipment AREAS IN WHICH SEARCH AND RESCUE WOULD BE ESPECIALLY DIFFICULT	GM2 NCO.IDE.B.135
AMC1 SPO.IDE.B.140(a)(3) Miscellaneous equipment FIRE BLANKET	AMC1 NCO.IDE.B.140(b)(3)
AMC1 SPO.IDE.B.140 (b)(1) Miscellaneous equipment KNIFE	AMC1 NCO.IDE.B.140 (c)(1)
GM1 SPO.IDE.B.145 Radio communication equipment APPLICABLE AIRSPACE REQUIREMENTS	GM1 NCO.IDE.B.145
AMC1 SPO.IDE.B.150 Transponder GENERAL	AMC1 NCO.IDE.B.150

Subpart E — Specific requirements

Section 1 — Helicopter external sling load operations (HESLO)

HESLO operations are activities that are performed for the purpose of transporting external loads by different means, e.g. under slung, external pods or racks.

This Section contains an AMC with a generic SOP for HESLO which has been extensively commented by stakeholders and accordingly revised with the support of the experts of RG02. This generic SOP covers the following items:

— A description of the different HESLO types and geographic areas which should be taken into consideration;

— Equipment specifications for aircraft and for ground equipment;

— Provisions for crew members including rules for the crew composition, pilot initial training and pilot recurrent training and checking;

— Provisions for the task specialists including rules for initial training, recurrent training, the briefing of task specialists and their responsibilities;

— Provisions for the HESLO instructor for the flight crew and the task specialist;

— Performance considerations; and

— Normal procedures and emergency procedures.

A GM further specifies minimum standards for the pilot initial training for the different HESLO types. These minimum standards are based on existing national rules for HESLO.

Section 2 — Human external cargo (HEC)

HEC operations are helicopter operations for the purpose of transporting humans as external loads from/to aerodromes and/or operating sites.

This Section contains an AMC with a generic SOP for HEC operations which has been extensively commented by stakeholders and accordingly revised with the support of the experts of RG02. This generic SOP covers the following items:

— A description of the different HEC types and geographic areas which should be taken into consideration;

— Equipment specifications for aircraft;

— Provisions for crew members including rules for the crew composition, pilot initial training and pilot recurrent training and checking;

— Provisions for the task specialists including rules for initial training, recurrent training, the briefing of task specialists;

— Provisions for the HEC instructor for the flight crew and the task specialist;

— Performance considerations; and

— Normal procedures and emergency procedures.

An additional AMC provides further rules for the airworthiness approval of the HEC equipment.

3. References

3.1. Related regulations

Commission Regulation (EU) No 965/2012 of 5 October 2012 laying down technical requirements and administrative procedures related to air operations pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council (OJ L 296, 25.10.2012, p. 1).

3.2. Affected decisions

None

3.3. Reference documents

— Annex IV (Part-CAT) to Commission Regulation (EU) No 965/2012

— Annex VI (Part-NCC) to Commission Regulation (EU) No 800/2013

— Annex VII (Part-NCO) to Commission Regulation (EU) No 800/2013