

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

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ANNEX I

Definitions for terms used in Annexes II to V

For the purpose of this Regulation, the following definitions shall...

‘accelerate-stop distance available (ASDA)’ means the length of the take-off...

ANNEX II

~~AUTHORITY REQUIREMENTS FOR AIR OPERATIONS~~

~~ARO.GEN.005~~

~~SUBPART GENERAL REQUIREMENTS~~

SECTION I

General

~~ARO.GEN.115~~ Flight documentation

~~ARO.GEN.120~~ Means of compliance

- (a) The Agency shall develop acceptable means of compliance (AMC) that...
- (b) Alternative means of compliance may be used to establish compliance...
- (c) The competent authority shall establish a system to consistently evaluate...
- (d) The competent authority shall evaluate all alternative means of compliance...

- (e) When the competent authority itself uses alternative means of compliance...
- ARO.GEN.125 Information to the Agency
- (a) The competent authority shall without undue delay notify the Agency...
- (b) The competent authority shall provide the Agency with safety-significant information...
- ARO.GEN.135 Immediate reaction to a safety problem
- (a) Without prejudice to Directive 2003/42/EC of the European Parliament and...
- (b) The Agency shall implement a system to appropriately analyse any...
- (c) Upon receiving the information referred to in (a) and (b),...
- (d) Measures taken under (c) shall immediately be notified to all...

## SECTION II

### Management

- ARO.GEN.200 Management system
- (a) The competent authority shall establish and maintain a management system,...
- (b) The competent authority shall, for each field of activity, including...
- (c) The competent authority shall establish procedures for participation in a...
- (d) A copy of the procedures related to the management system...
- ARO.GEN.205 Allocation of tasks to qualified entities
- (a) Tasks related to the initial certification or continuing oversight of...
- (b) The competent authority shall ensure that the internal audit process...
- ARO.GEN.210 Changes in the management system
- (a) The competent authority shall have a system in place to...
- (b) The competent authority shall update its management system to reflect...
- (c) The competent authority shall notify the Agency of changes affecting...
- ARO.GEN.220 Record-keeping
- (a) The competent authority shall establish a system of record-keeping providing...
- (b) The competent authority shall maintain a list of all organisation...
- (c) All records shall be kept for the minimum period specified...

## SECTION III

### Oversight, certification and enforcement

- ARO.GEN.300 Oversight
- (a) The competent authority shall verify:
- (b) This verification shall:
- (c) The scope of oversight defined in (a) and (b) shall...

- (d) Without prejudice to the competences of the Member States and...
- (e) Where the activity of a person or organisation involves more...
- (f) The competent authority shall collect and process any information deemed...

#### ARO.GEN.305 Oversight programme

- (a) The competent authority shall establish and maintain an oversight programme...
- (b) For organisations certified by the competent authority, the oversight programme...
- (c) For organisations certified by the competent authority an oversight planning...
- (d) For persons holding a licence, certificate, rating, or attestation issued...
- (e) The oversight programme shall include records of the dates when...

#### ARO.GEN.310 Initial certification procedure — organisations

- (a) Upon receiving an application for the initial issue of a...
- (b) When satisfied that the organisation is in compliance with the...
- (c) To enable an organisation to implement changes without prior competent...

#### ARO.GEN.330 Changes — organisations

- (a) Upon receiving an application for a change that requires prior...
- (b) Without prejudice to any additional enforcement measures, when the organisation...
- (c) For changes not requiring prior approval, the competent authority shall...

#### ARO.GEN.350 Findings and corrective actions — organisations

- (a) The competent authority for oversight in accordance with ARO.GEN.300(a) shall...
- (b) A level 1 finding shall be issued by the competent...
- (c) A level 2 finding shall be issued by the competent...
- (d) When a finding is detected during oversight or by any...
- (e) Without prejudice to any additional enforcement measures, when the authority...

#### ARO.GEN.370 Findings and enforcement measures — persons

- (a) If, during oversight or by any other means, evidence is...
- (b) If, during oversight or by any other means, evidence is...

### SUBPART II OPERATIONS

## SECTION I

### Certification of commercial air transport operators

#### ARO.OP.100 Issuance of the air operator certificate

- (a) The competent authority shall issue the air operator certificate (AOC)...
- (b) The certificate shall include the associated operations specifications.

#### ARO.OP.105 Code share arrangements

#### ARO.OP.130 Lease agreements

- (a) The competent authority shall approve a lease agreement when satisfied...

- (b) The approval of a wet lease-in agreement shall be suspended...
- (c) The approval of a dry lease-in agreement shall be suspended...
- (d) When asked for the prior approval of a dry-lease out...

## SECTION II

### Approvals

#### ARO.OP.SPEC approval procedure

- (a) Upon receiving an application for the issue of a specific...
- (b) When satisfied that the operator has demonstrated compliance with the...

#### ARO.OP.SIM minimum equipment list approval

- (a) When receiving an application for initial approval of a minimum...
- (b) The competent authority shall approve the operator's procedure for the...
- (c) The competent authority shall approve, on a case-by-case basis, the...

#### ARO.OP.DEL determination of local area

#### ARO.OP.SP15 approval of helicopter operations over a hostile environment located outside...

- (a) The Member State shall designate those areas where helicopter operations...
- (b) Before issuing the approval referred to in CAT.POL.H.420 the competent...

#### ARO.OP.SP20 approval of helicopter operations to or from a public interest...

#### ARO.OP.SP25 approval of operations to an isolated aerodrome

### SUBPART A – RAMP INSPECTIONS OF AIRCRAFT OF OPERATORS UNDER THE REGULATORY OVERSIGHT...

#### ARO.RAMP05

#### ARO.RAMP10

- (a) Aircraft, as well as their crew, shall be inspected against...
- (b) In addition to conducting ramp inspections included in its oversight...
- (c) Within the development of the oversight programme established in accordance...
- (d) When it so deems necessary, the Agency, in cooperation with...

#### ARO.RAMP15 notification criteria

- (a) The Agency shall provide competent authorities with a list of...
- (b) This list shall include:
- (c) The list shall be produced, in accordance with procedures established...

#### ARO.RAMP16 collection of information

#### ARO.RAMP15 qualification of ramp inspectors

- (a) The competent authority and the Agency shall have qualified inspectors...
- (b) Ramp inspectors shall:
- (c) The training in (b)(2)(i) shall be delivered by the competent...
- (d) The Agency shall develop and maintain training syllabi and promote...
- (e) The Agency shall facilitate and coordinate an inspector exchange programme...

ARO.RAMP.120 Approval of training organisations

- (a) The competent authority shall approve a training organisation, having its...
- (b) If so requested by the competent authority, the verification of...
- (c) The training organisation shall be approved to provide one or...

ARO.RAMP.125 Conduct of ramp inspections

- (a) Ramp inspections shall be performed in a standardised manner using...
- (b) When performing a ramp inspection, the inspector(s) shall make all...
- (c) On completion of the ramp inspection, the pilot-in-command or, in...

ARO.RAMP.130 Classification of findings

ARO.RAMP.135 Remedial actions on findings

- (a) For a category 2 or 3 finding the competent authority,...
- (b) In addition to (a), in the case of a category...
- (c) When the Agency has raised a category 3 finding, it...

ARO.RAMP.140 Grounding of aircraft

- (a) In the case of a category 3 finding where it...
- (b) The competent authority of the State where the aircraft is...
- (c) The competent authority shall, in coordination with the State of...
- (d) If the non-compliance affects the validity of the certificate of...

ARO.RAMP.145 Reporting

- (a) Information collected in accordance with ARO.RAMP.125(a) shall be entered into...
- (b) The competent authority or the Agency shall enter into the...
- (c) Whenever the information as referred to in ARO.RAMP.110 shows the...
- (d) Whenever information concerning aircraft deficiencies is given by a person...

ARO.RAMP.150 Agency coordination tasks

- (a) The Agency shall manage and operate the tools and procedures...
- (b) This management shall include the following tasks:

ARO.RAMP.155 Annual report

ARO.RAMP.160 Information to the public and protection of information

- (a) Member States shall use the information received by them pursuant...
- (b) The Agency shall publish an aggregated information report annually that...

## Appendix I

## Appendix II

## Appendix III

## Appendix IV

## Ramp inspection report

## ANNEX III

## PART OF REQUIREMENTS FOR AIR OPERATIONS

## ORO.GEN.005

## SUBPART GENERAL REQUIREMENTS

## SECTION I

## General

## ORO.GEN.001 Competent authority

## ORO.GEN.010 Operator responsibilities

- (a) The operator is responsible for the operation of the aircraft...
- (b) Every flight shall be conducted in accordance with the provisions...
- (c) The operator shall establish and maintain a system for exercising...
- (d) The operator shall ensure that its aircraft are equipped and...
- (e) The operator shall ensure that all personnel assigned to, or...
- (f) The operator shall establish procedures and instructions for the safe...
- (g) The operator shall ensure that all personnel are made aware...
- (h) The operator shall establish a checklist system for each aircraft...
- (i) The operator shall specify flight planning procedures to provide for...
- (j) The operator shall establish and maintain dangerous goods training programmes...

## ORO.GEN.015 Application for an operator certificate

- (a) The application for an operator certificate or an amendment to...
- (b) Applicants for an initial certificate shall provide the competent authority...

## ORO.GEN.020 Means of compliance

- (a) Alternative means of compliance to those adopted by the Agency...
- (b) When an operator subject to certification wishes to use an...

ORO.GEN.125 of approval and privileges of an operator

ORO.GEN.130

- (a) Any change affecting:
- (b) For any changes requiring prior approval in accordance with Regulation...
- (c) All changes not requiring prior approval shall be managed and...

ORO.GEN.135

- (a) The operator's certificate shall remain valid subject to:
- (b) Upon revocation or surrender the certificate shall be returned to...

ORO.GEN.140

- (a) For the purpose of determining compliance with the relevant requirements...
- (b) Access to the aircraft mentioned under (a) shall include the...

ORO.GEN.150

ORO.GEN.155

ORO.GEN.160

- (a) The operator shall report to the competent authority, and to...
- (b) Without prejudice to point (a) the operator shall report to...
- (c) Without prejudice to Regulation (EU) No 996/2010, Directive 2003/42/EC, Commission Regulation...
- (d) Reports shall be made as soon as practicable, but in...
- (e) Where relevant, the operator shall produce a follow-up report to...

## SECTION 2

### Management

ORO.GEN.200

- (a) The operator shall establish, implement and maintain a management system...
- (b) The management system shall correspond to the size of the...

ORO.GEN.205

- (a) Contracted activities include all activities within the operator's scope of...
- (b) When the certified operator contracts any part of its activity...

ORO.GEN.210

- (a) The operator shall appoint an accountable manager, who has the...
- (b) A person or group of persons shall be nominated by...
- (c) The operator shall have sufficient qualified personnel for the planned...
- (d) The operator shall maintain appropriate experience, qualification and training records...
- (e) The operator shall ensure that all personnel are aware of...

ORO.GEN.215

ORO.GEN.220

- (a) The operator shall establish a system of record-keeping that allows...
- (b) The format of the records shall be specified in the...
- (c) Records shall be stored in a manner that ensures protection...

## SUBPART A OPERATOR CERTIFICATION

- ORO.AOC.100 Application for an air operator certificate
- (a) Without prejudice to Regulation (EC) No 1008/2008 of the European Parliament...
  - (b) The operator shall provide the following information to the competent...
  - (c) Applicants shall demonstrate to the competent authority that:
- ORO.AOC.105 Operations specifications and privileges of an AOC holder
- ORO.AOC.110 Lease agreement
- Any lease-in
- (a) Without prejudice to Regulation (EC) No 1008/2008, any lease agreement concerning...
  - (b) The operator certified in accordance with this Part shall only...
- Wet lease-in
- (c) The applicant for the approval of the wet lease-in of...
- Dry lease-in
- (d) An applicant for the approval of the dry lease-in of...
- Dry lease-out
- (e) The operator certified in accordance with this Part intending to...
- Wet lease-out
- (f) Prior to the wet lease-out of an aircraft, the operator...
- ORO.AOC.115 Code-share agreements
- (a) Without prejudice to applicable EU safety requirements for third country...
  - (b) When implementing the code-share agreement the operator shall monitor and...
  - (c) The operator certified in accordance with this Part shall not...
- ORO.AOC.120 Cabin crew training
- (a) When intending to provide the training course required in Annex...
  - (b) If a Member State decides, in accordance with ARA.CC.200 of...
  - (c) The approvals referred to in (a) and (b) shall be...
- ORO.AOC.125 Commercial operations of aircraft listed in the operations specifications by...
- ORO.AOC.130 Flight data monitoring — aeroplanes
- (a) The operator shall establish and maintain a flight data monitoring...
  - (b) The flight data monitoring system shall be non-punitive and contain...
- ORO.AOC.135 Personnel requirements
- (a) In accordance with ORO.GEN.210(b), the operator shall nominate persons responsible...
  - (b) Adequacy and competency of personnel
    - (1) The operator shall employ sufficient personnel for the planned ground...
    - (2) All personnel assigned to, or directly involved in, ground and...
  - (c) Supervision of personnel
    - (1) The operator shall appoint a sufficient number of personnel supervisors,...



(2) The duties and responsibilities of these supervisors shall be defined,...

(3) The supervision of crew members and personnel involved in the...

~~ORO.AOC.140~~ requirements

~~ORO.AOC.150~~ documentation requirements

(a) The operator shall make arrangements for the production of manuals...

(b) The operator shall be capable of distributing operational instructions and...

#### SUBPART A — MANUALS, LOGS AND RECORDS

~~ORO.MDR.100~~ Operations manual — general

(a) The operator shall establish an operations manual (OM) as specified...

(b) The content of the OM shall reflect the requirements set...

(c) The OM may be issued in separate parts.

(d) All operations personnel shall have easy access to the portions...

(e) The OM shall be kept up to date. All personnel...

(f) Each crew member shall be provided with a personal copy...

(g) For AOC holders:

(h) Notwithstanding (g), when immediate amendments or revisions are required in...

(i) The operator shall incorporate all amendments and revisions required by...

(j) The operator shall ensure that information taken from approved documents,...

(k) The operator shall ensure that all personnel are able to...

~~ORO.MDR.101~~ Operations manual — structure

~~ORO.MDR.105~~ Minimum equipment list

(a) A minimum equipment list (MEL) shall be established as specified...

(b) The MEL and any amendment thereto shall be approved by...

(c) The operator shall amend the MEL after any applicable change...

(d) In addition to the list of items, the MEL shall...

(e) The operator shall:

(f) Subject to approval of the competent authority, the operator may...

(g) The operator shall establish the operational and maintenance procedures referenced...

(h) The operator shall amend the operational and maintenance procedures referenced...

(i) Unless otherwise specified in the MEL, the operator shall complete:...

(j) Subject to a specific case-by-case approval by the competent authority,...

~~ORO.MDR.110~~ Log

~~ORO.MDR.115~~ Record-keeping

(a) The records of the activities referred to in ORO.GEN.200 shall...

(b) The following information used for the preparation and execution of...

- (c) Personnel records shall be stored for the periods indicated below:...
- (d) The operator shall:
- (e) The operator shall preserve the information used for the preparation...
- (f) If a crew member becomes a crew member for another...

**SUBPART SECURITY****ORO.SEC100** Crew compartment security

- (a) In an aeroplane which is equipped with a flight crew...
- (b) All passenger-carrying aeroplanes of a maximum certificated take-off mass exceeding...
- (c) In all aeroplanes which are equipped with a flight crew...

**ORO.SEC100** Crew compartment security**SUBPART FLIGHT CREW****ORO.FCS005****ORO.FCS005** Composition of flight crew

- (a) The composition of the flight crew and the number of...
- (b) The flight crew shall include additional flight crew members when...
- (c) All flight crew members shall hold a licence and ratings...
- (d) The flight crew member may be relieved in flight of...
- (e) When engaging the services of flight crew members who are...

**ORO.FCS005** Designation as pilot-in-command/commander

- (a) In accordance with 8.e of Annex IV to Regulation (EC)...
- (b) The operator shall only designate a flight crew member to...
- (c) The pilot-in-command/commander or the pilot, to whom the conduct of...
- (d) In the case of performance class B aeroplanes involved in...

**ORO.FCS005** Flight engineer**ORO.FCS005** Crew resource management (CRM) training

- (a) Before operating, the flight crew member shall have received CRM...
- (b) Elements of CRM training shall be included in the aircraft...

**ORO.FCS005** Operator conversion training

- (a) In the case of aeroplane or helicopter operations, the flight...
- (b) The operator conversion training course shall include training on the...

**ORO.FCS005** Differences training and familiarisation training

- (a) Flight crew members shall complete differences or familiarisation training when...
- (b) The operations manual shall specify when such differences or familiarisation...

**ORO.FCS005** Recurrent training and checking

- (a) Each flight crew member shall complete annual recurrent flight and...
- (b) Each flight crew member shall be periodically checked to demonstrate...

**ORO.FCS005** Qualification to operate in either pilot's seat**ORO.FCS005** Operation on more than one type or variant

- (a) Flight crew members operating more than one type or variant...
- (b) Appropriate procedures and/or operational restrictions shall be specified in the...

**ORO.FCS005** Provision of training

- (a) All the training required in this Subpart shall be conducted:...
  - (b) When establishing the training programmes and syllabi, the operator shall...
  - (c) Training and checking programmes, including syllabi and use of individual...
  - (d) The FSTD shall replicate the aircraft used by the operator,...
  - (e) The operator shall establish a system to adequately monitor changes...
- ORO.FC.200 Composition of flight crew
- (a) There shall not be more than one inexperienced flight crew...
  - (b) The commander may delegate the conduct of the flight to...
  - (c) Specific requirements for aeroplane operations under instrument flight rules (IFR)...
  - (d) Specific requirements for helicopter operations.
- ORO.FC.210 In-flight relief of flight crew members
- (a) The commander may delegate the conduct of the flight to:...
  - (b) The co-pilot may be relieved by:
  - (c) A flight engineer may be relieved in flight by a...
- ORO.FC.215 Co-pilot operations under IFR or at night
- ORO.FC.205 Command course
- (a) For aeroplane and helicopter operations, the command course shall include...
- ORO.FC.215 Initial operator's crew resource management (CRM) training
- (a) The flight crew member shall have completed an initial CRM...
  - (b) Initial CRM training shall be conducted by at least one...
  - (c) If the flight crew member has not previously received theoretical...
- ORO.FC.220 Operator conversion training and checking
- (a) CRM training shall be integrated into the operator conversion training...
  - (b) Once an operator conversion course has been commenced, the flight...
  - (c) The amount of training required by the flight crew member...
  - (d) The flight crew member shall complete:
  - (e) In the case of aeroplanes, pilots that have been issued...
- ORO.FC.230 Recurrent training and checking
- (a) Each flight crew member shall complete recurrent training and checking...
  - (b) Operator proficiency check
    - (1) Each flight crew member shall complete operator proficiency checks as...
    - (2) When the flight crew member will be required to operate...
    - (3) The validity period of the operator proficiency check shall be...
    - (4) The flight crew member involved in operations by day and...
    - (5) Notwithstanding ORO.FC.145(a)(2), for operations of other-than-complex motor-powered helicopters by day...
  - (c) Line check
    - (1) Each flight crew member shall complete a line check on...

- (2) Notwithstanding ORO.FC.145(a)(2), line checks may be conducted by a suitably...
- (d) Emergency and safety equipment training and checking
- (e) CRM training
- (1) Elements of CRM shall be integrated into all appropriate phases...
- (2) Each flight crew member shall undergo specific modular CRM training....
- (f) Each flight crew member shall undergo ground training and flight...
- (g) The validity periods mentioned in (b)(3), (c) and (d) shall...
- (h) When the training or checks required above are undertaken within...
- ORO.FC.215 **Qualification to operate in either pilot's seat**
- (a) Commanders whose duties require them to operate in either pilot...
- (b) The additional training and checking shall include at least the...
- (c) In the case of helicopters, commanders shall also complete their...
- (d) When engine-out manoeuvres are carried out in an aircraft, the...
- (e) When operating in the co-pilot's seat, the checks required by...
- (f) The pilot relieving the commander shall have demonstrated, concurrent with...
- (g) The pilot other than the commander occupying the commander's seat...
- ORO.FC.240 **Operation on more than one type or variant**
- (a) The procedures or operational restrictions for operation on more than...
- (b) When a flight crew member operates both helicopters and aeroplanes,...
- (c) Point (a) shall not apply to operations of performance class...
- ORO.FC.245 **Alternative training and qualification programme**
- (a) The aeroplane operator having appropriate experience may substitute one or...
- (b) The ATQP shall contain training and checking that establishes and...
- (c) The operator applying for an ATQP approval shall provide the...
- (d) In addition to the checks required by ORO.FC.230 and FCL.060...
- (e) After two years of operating with an approved ATQP, the...
- ORO.FC.250 **Commanders holding a CPL(A)**
- (a) The holder of a CPL(A) (aeroplane) shall only act as...
- (b) For operations under VFR by day of performance class B...
- ORO.FC.255 **Commanders holding a CPL(H)**
- (a) The holder of a CPL(H) (helicopter) shall only act as...
- SUBPART B CREW
- ORO.CS.005

## SECTION 1

### General requirements

- ORO.CC.100 Number and composition of cabin crew
- The number and composition of cabin crew shall be determined...
  - For the purpose of complying with (a), the minimum number...
  - For operations where more than one cabin crew member is...
- ORO.CC.101 Conditions for assignment to duties
- Cabin crew members shall only be assigned to duties on...
  - Before assigning to duties cabin crew members who are working...
  - Operating cabin crew members, as well as their role with...
- ORO.CC.102 Conduct of training courses and associated checking
- A detailed programme and syllabus shall be established by the...
  - Each training course shall include theoretical and practical instruction together...
  - Each training course shall be:
  - During or following completion of all training required by this...
  - CRM training courses and CRM modules where applicable shall be...
- ORO.CC.103 Initial training course
- Each new entrant who does not already hold a valid...
  - Elements of the initial training programme may be combined with...
- ORO.CC.125 Aircraft type specific training and operator conversion training
- Each cabin crew member shall have completed appropriate aircraft type...
  - When establishing the aircraft type specific and the operator conversion...
  - The aircraft type specific training programme shall:
  - The operator conversion training programme for each aircraft type to...
- ORO.CC.130 Differences training
- In addition to the training required in ORO.CC.125, the cabin...
  - The differences training programme shall:
  - When establishing a differences training programme and syllabus for a...
- ORO.CC.135 Familiarisation
- ORO.CC.140 Recurrent training
- Each cabin crew member shall complete annually recurrent training and...
  - Recurrent training shall cover the actions assigned to each member...
  - Aircraft type specific training elements:
  - Operator specific training elements:
  - Validity periods:
- ORO.CC.145 Refresher training
- When a cabin crew member, during the preceding six months...

- (b) The refresher training programme for each aircraft type shall at...
- (c) The operator may elect to replace refresher training by recurrent...

## SECTION 2

### Additional requirements for commercial air transport operations

#### ORO.CC.200 Cabin crew member

- (a) When more than one cabin crew member is required, the...
- (b) The operator shall nominate cabin crew members to the position...
- (c) The senior cabin crew training course shall cover all duties...
- (d) The senior cabin crew member shall be responsible to the...
- (e) The operator shall establish procedures to select the most appropriately...

#### ORO.CC.205 Reduction of the number of cabin crew during ground operations...

- (a) Whenever any passengers are on board an aircraft, the minimum...
- (b) Subject to the conditions specified in (c), this number may...
- (c) Conditions:

#### ORO.CC.210 Additional conditions for assignment to duties

#### ORO.CC.215 Training and checking programs and related documentation

- (a) Training and checking programmes including syllabi required by this Subpart...
- (b) After a cabin crew member has successfully completed a training...

#### ORO.CC.250 Operation on more than one aircraft type or variant

- (a) A cabin crew member shall not be assigned to operate...
- (b) For the purpose of (a) and for cabin crew training...

#### ORO.CC.255 Single cabin crew member operations

- (a) The operator shall select, recruit, train and check the proficiency...
- (b) Cabin crew members who have no previous operating experience as...
- (c) The following additional training elements shall be covered with particular...

### SUBPART TECHNICAL CREW IN HEMS, HHO OR NVIS OPERATIONS

#### ORO.TC.100 Scope

#### ORO.TC.105 Conditions for assignment to duties

- (a) Technical crew members in commercial air transport HEMS, HHO or...
- (b) Before assigning to duties technical crew members who are self-employed...

#### ORO.TC.110 Training and checking

- (a) The operator shall establish a training programme in accordance with...
- (b) Following the completion of initial, operator conversion, differences and recurrent...
- (c) Training and checking shall be conducted for each training course...

#### ORO.TC.115 Initial training

- ORO.TC.120 Operator conversion training
- ORO.TC.125 Differences training
- Each technical crew member shall complete differences training when changing...
  - The operator shall specify in the operations manual when such...
- ORO.TC.130 Familiarisation flights
- ORO.TC.135 Recurrent training
- Within every 12-month period, each technical crew member shall undergo...
  - Recurrent training shall include theoretical and practical instruction and practice....
- ORO.TC.140 Refresher training
- Each technical crew member who has not undertaken duties in...
  - The technical crew member who has not performed flying duties...

#### ANNEX IV

### COMMERCIAL AIR TRANSPORT OPERATIONS SUBPART GENERAL REQUIREMENTS

#### CAT.GEN.CAT.100 Competent authority

#### SECTION 1

##### Motor-powered aircraft

- CAT.GEN.MPA.100 Crew responsibilities
- The crew member shall be responsible for the proper execution...
  - The crew member shall:
  - The crew member shall not perform duties on an aircraft:...
- CAT.GEN.MPA.105 Responsibilities of the commander
- The commander, in addition to complying with CAT.GEN.MPA.100, shall:
  - The commander, or the pilot to whom conduct of the...
  - Whenever an aircraft in flight has manoeuvred in response to...
  - Bird hazards and strikes:
- CAT.GEN.MPA.110 Duty of the commander
- CAT.GEN.MPA.115 Personnel for crew members other than cabin crew in the...
- CAT.GEN.MPA.120 Language
- CAT.GEN.MPA.125 Aeroplanes
- CAT.GEN.MPA.130 Helicopters
- CAT.GEN.MPA.135 Access to the flight crew compartment
- The operator shall ensure that no person, other than a...
  - The commander shall ensure that:
  - The commander shall make the final decision regarding the admission...
- CAT.GEN.MPA.140 Electronic devices
- CAT.GEN.MPA.145 Emergency and survival equipment carried

- CAT.GEN.MPA.150 aeroplanes
- CAT.GEN.MPA.155 weapons of war and munitions of war
- (a) The operator shall only transport weapons of war or munitions...
  - (b) Where an approval has been granted, the operator shall ensure...
  - (c) The operator shall ensure that, before a flight begins, the...
- CAT.GEN.MPA.160 sporting weapons and ammunition
- (a) The operator shall take all reasonable measures to ensure that...
  - (b) The operator accepting the carriage of sporting weapons shall ensure...
  - (c) Ammunition for sporting weapons may be carried in passengers' checked...
- CAT.GEN.MPA.165 sporting weapons and ammunition — alleviations
- CAT.GEN.MPA.165 carriage of persons
- CAT.GEN.MPA.170 drugs
- CAT.GEN.MPA.175 safety
- CAT.GEN.MPA.180 manuals and information to be carried
- (a) The following documents, manuals and information shall be carried on...
  - (b) Notwithstanding (a), for operations under visual flight rules (VFR) by...
  - (c) Notwithstanding (a), in case of loss or theft of documents...
- CAT.GEN.MPA.185 to be retained on the ground
- (a) The operator shall ensure that at least for the duration...
  - (b) The information referred to in (a) includes:
- CAT.GEN.MPA.190 documentation and records
- CAT.GEN.MPA.195 preservation, production and use of flight recorder recordings
- (a) Following an accident or an incident that is subject to...
  - (b) The operator shall conduct operational checks and evaluations of flight...
  - (c) The operator shall save the recordings for the period of...
  - (d) The operator shall keep and maintain up-to-date documentation that presents...
  - (e) The operator shall make available any flight recorder recording that...
  - (f) Without prejudice to Regulation (EU) No 996/2010 of the European Parliament...
- CAT.GEN.MPA.200 dangerous goods
- (a) Unless otherwise permitted by this Annex, the transport of dangerous...
  - (b) Dangerous goods shall only be transported by an operator approved...
  - (c) An operator shall establish procedures to ensure that all reasonable...
  - (d) The operator shall provide personnel with the necessary information enabling...
  - (e) The operator shall, in accordance with the technical instructions, report...
  - (f) The operator shall ensure that passengers are provided with information...
  - (g) The operator shall ensure that notices giving information about the...



## SUBPART OPERATING PROCEDURES

### SECTION 1

#### Motor-powered aircraft

- CAT.OPMSPA.100 traffic services
- The operator shall ensure that:
  - Notwithstanding (a), the use of ATS is not required unless...
- CAT.OPMSPA.105 aerodromes and operating sites
- The operator shall only use aerodromes and operating sites that...
  - The use of operating sites shall only apply to:
- CAT.OPMSPA.110 isolated aerodromes — aeroplanes
- Using an isolated aerodrome as destination aerodrome with aeroplanes requires...
  - An isolated aerodrome is one for which the alternate and...
- CAT.OPMSPA.107 aerodrome
- CAT.OPMSPA.110 aerodrome operating minima
- The operator shall establish aerodrome operating minima for each departure,...
  - The use of a head-up display (HUD), head-up guidance landing...
  - When establishing aerodrome operating minima, the operator shall take the...
  - The operator shall specify the method of determining aerodrome operating...
  - The minima for a specific approach and landing procedure shall...
- CAT.OPMSPA.115 flight technique — aeroplanes
- All approaches shall be flown as stabilised approaches unless otherwise...
  - Non-precision approaches
    - The continuous descent final approach (CDFA) technique shall be used...
    - Notwithstanding (1), another approach flight technique may be used for...
- CAT.OPMSPA.120 radar approaches (ARAs) for overwater operations — helicopters
- An ARA shall only be undertaken if:
  - ARAs to rigs or vessels under way shall only be...
  - The decision range shall provide adequate obstacle clearance in the...
  - The approach shall only be continued beyond decision range or...
  - For single-pilot operations, appropriate increments shall be added to the...
- CAT.OPMSPA.125 instrument departure and approach procedures
- The operator shall ensure that instrument departure and approach procedures...
  - Notwithstanding (a), the commander may accept an ATC clearance to...

- (c) Notwithstanding (a), the operator may use procedures other than those...
- CAT.OP.MPA.150 Statement procedures — aeroplanes
- (a) Except for VFR operations of other-than-complex motor-powered aeroplanes, the operator...
- (b) The procedures shall:
- CAT.OP.MPA.151 Statement procedures — helicopters
- (a) The operator shall ensure that take-off and landing procedures take...
- (b) The procedures shall:
- CAT.OP.MPA.152 Areas of operation — general
- (a) The operator shall ensure that operations are only conducted along...
- (b) The operator shall ensure that operations are conducted in accordance...
- (c) (a)(1) shall not apply to operations under VFR by day...
- CAT.OP.MPA.153 Areas of operation — single-engined aeroplanes
- CAT.OP.MPA.154 Areas of operation — helicopters
- CAT.OP.MPA.140 Minimum distance from an adequate aerodrome for two-engined aeroplanes without...
- (a) Unless approved by the competent authority in accordance with Annex...
- (b) The operator shall determine a speed for the calculation of...
- (c) The operator shall include the following data, specific to each...
- (d) To obtain the approval referred to in (a)(2), the operator...
- CAT.OP.MPA.145 Minimum flight altitudes
- (a) The operator shall establish for all route segments to be...
- (b) The method for establishing minimum flight altitudes shall be approved...
- (c) Where the minimum flight altitudes established by the operator and...
- CAT.OP.MPA.150 Fuel policy
- (a) The operator shall establish a fuel policy for the purpose...
- (b) The operator shall ensure that the planning of flights is...
- (c) The operator shall ensure that the pre-flight calculation of usable...
- (d) The operator shall ensure that in-flight replanning procedures for calculating...
- CAT.OP.MPA.151 Fuel policy — alleviations
- (a) Notwithstanding CAT.OP.MPA.150(b) to (d), for operations of performance class B...
- (b) Notwithstanding CAT.OP.MPA.150(b) to (d), for helicopters with an MCTOM of...
- CAT.OP.MPA.155 Special categories of passengers (SCPs)
- (a) Persons requiring special conditions, assistance and/or devices when carried on...
- (b) SCPs shall be carried under conditions that ensure the safety...
- (c) SCPs shall not be allocated, nor occupy, seats that permit...
- (d) The commander shall be notified in advance when SCPs are...
- CAT.OP.MPA.160 Baggage and cargo
- CAT.OP.MPA.165 Seating
- CAT.OP.MPA.170 Briefing

- CAT.OPMPA.175 Preparation
- (a) An operational flight plan shall be completed for each intended...
  - (b) The flight shall not be commenced unless the commander is...
  - (c) Notwithstanding (a), an operational flight plan is not required for...
- CAT.OPMPA.180 of aerodromes — aeroplanes
- (a) Where it is not possible to use the departure aerodrome...
  - (b) The operator shall select at least one destination alternate aerodrome...
  - (c) The operator shall select two destination alternate aerodromes when:
  - (d) The operator shall specify any required alternate aerodrome(s) in the...
- CAT.OPMPA.181 of aerodromes and operating sites — helicopters
- (a) For flights under instrument meteorological conditions (IMC), the commander shall...
  - (b) For IFR flights or when flying under VFR and navigating...
  - (c) The operator shall select two destination alternate aerodromes when:
  - (d) The operator may select off-shore destination alternate aerodromes when the...
  - (e) The operator shall specify any required alternate aerodrome(s) in the...
- CAT.OPMPA.185 minima for IFR flights — aeroplanes
- (a) Planning minima for a take-off alternate aerodrome
  - (b) Planning minima for a destination aerodrome other than an isolated...
  - (c) Planning minima for a destination alternate aerodrome, isolated aerodrome, fuel...
- CAT.OPMPA.186 minima for IFR flights — helicopters
- (a) Planning minima for take-off alternate aerodrome(s)
  - (b) Planning minima for destination aerodrome and destination alternate aerodrome(s)
- CAT.OPMPA.190 on of the ATS flight plan
- (a) If an ATS flight plan is not submitted because it...
  - (b) When operating from a site where it is impossible to...
- CAT.OPMPA.195/defuelling with passengers embarking, on board or disembarking
- (a) An aircraft shall not be refuelled/defuelled with Avgas (aviation gasoline)...
  - (b) For all other types of fuel, necessary precautions shall be...
- CAT.OPMPA.200/defuelling with wide-cut fuel
- CAT.OPMPA.205 and towing — aeroplanes
- CAT.OPMPA.210 members at stations
- (a) Flight crew members
    - (1) During take-off and landing each flight crew member required to...
    - (2) During all other phases of flight each flight crew member...
    - (3) During all phases of flight each flight crew member required...
  - (b) Cabin crew members

- CAT.OPMPA.215 Headset — aeroplanes
- (a) Each flight crew member required to be on duty in...
  - (b) In the conditions of (a), the boom microphone or equivalent...
- CAT.OPMPA.216 Headset — helicopters
- CAT.OPMPA.220 Means for emergency evacuation
- CAT.OPMPA.225 Safety belts and restraint systems
- (a) Crew members
    - (1) During take-off and landing, and whenever decided by the commander...
    - (2) During other phases of the flight, each flight crew member...
  - (b) Passengers
    - (1) Before take-off and landing, and during taxiing, and whenever deemed...
    - (2) The operator shall make provisions for multiple occupancy of aircraft...
- CAT.OPMPA.230 Seating of passenger compartment and galley(s)
- (a) The operator shall establish procedures to ensure that before taxiing,...
  - (b) The commander shall ensure that before take-off and landing, and...
- CAT.OPMPA.235 Seats — helicopters
- CAT.OPMPA.240 Smoking on board
- CAT.OPMPA.245 Meteorological conditions — all aircraft
- (a) On IFR flights the commander shall only:
  - (b) On IFR flights, the commander shall only continue towards the...
  - (c) On VFR flights, the commander shall only commence take-off when...
- CAT.OPMPA.246 Meteorological conditions — aeroplanes
- CAT.OPMPA.247 Meteorological conditions — helicopters
- CAT.OPMPA.250 Other contaminants — ground procedures
- (a) The operator shall establish procedures to be followed when ground...
  - (b) The commander shall only commence take-off if the aircraft is...
- CAT.OPMPA.255 Other contaminants — flight procedures
- (a) The operator shall establish procedures for flights in expected or...
  - (b) The commander shall only commence a flight or intentionally fly...
  - (c) If icing exceeds the intensity of icing for which the...
- CAT.OPMPA.260 Oil supply
- CAT.OPMPA.265 Conditions
- CAT.OPMPA.270 Flight altitudes
- CAT.OPMPA.275 Abnormal situations in flight
- CAT.OPMPA.280 Fuel management — aeroplanes
- (a) In-flight fuel checks
    - (1) The commander shall ensure that fuel checks are carried out...
    - (2) The relevant fuel data shall be recorded.
  - (b) In-flight fuel management

- (1) The flight shall be conducted so that the expected usable...
  - (2) If an in-flight fuel check shows that the expected usable...
  - (3) The commander shall declare an emergency when the calculated usable...
  - (4) Additional conditions for specific procedures
- CAT.OPMPA 28 fuel management — helicopters
- (a) The operator shall establish a procedure to ensure that in-flight...
  - (b) The commander shall ensure that the amount of usable fuel...
  - (c) The commander shall declare an emergency when the actual usable...
- CAT.OPMPA 285 supplemental oxygen
- CAT.OPMPA 290 proximity detection
- CAT.OPMPA 295 airborne collision avoidance system (ACAS)
- CAT.OPMPA 300 and landing conditions
- CAT.OPMPA 305
- (a) The commander or the pilot to whom conduct of the...
  - (b) If the reported RVR/VIS is less than the applicable minimum...
  - (c) Where the RVR is not available, RVR values may be...
  - (d) If, after passing 1 000 ft above the aerodrome, the reported...
  - (e) The approach may be continued below DA/H or MDA/H and...
  - (f) The touchdown zone RVR shall always be controlling. If reported...
- CAT.OPMPA 310 procedures — threshold crossing height — aeroplanes
- CAT.OPMPA 315 reporting — helicopters
- CAT.OPMPA 320 categories
- (a) Aircraft categories shall be based on the indicated airspeed at...
  - (b) The aircraft categories specified in the table below shall be...
  - (c) The landing configuration that is to be taken into consideration...
  - (d) The operator may apply a lower landing mass for determining...

## SUBPART II AIRCRAFT PERFORMANCE AND OPERATING LIMITATIONS

### SECTION 1

#### Aeroplanes

### CHAPTER 1

#### General requirements

##### CAT.POPA 100 Performance classes

- (a) The aeroplane shall be operated in accordance with the applicable...
- (b) Where full compliance with the applicable requirements of this Section...

##### CAT.POGA 105

- (a) The mass of the aeroplane:
- (b) The approved performance data contained in the AFM shall be...

- (c) Due account shall be taken of aeroplane configuration, environmental conditions...
- (d) For performance purposes, a damp runway, other than a grass...
- (e) The operator shall take account of charting accuracy when assessing...

## CHAPTER 2

### Performance class A

#### CAT.POLGen.200

- (a) The approved performance data in the AFM shall be supplemented...
- (b) For wet and contaminated runways, performance data determined in accordance...
- (c) The use of other data referred to in (a) and...

#### CAT.POLTake.205

- (a) The take-off mass shall not exceed the maximum take-off mass...
- (b) The following requirements shall be met when determining the maximum...
- (c) When showing compliance with (b), the following shall be taken...

#### CAT.POLTake.210

- (a) The net take-off flight path shall be determined in such...
- (b) When showing compliance with (a):
- (c) The operator shall establish contingency procedures to satisfy the requirements...

#### CAT.POLEnr.215

- (a) The OEI en-route net flight path data shown in the...
- (b) The gradient of the net flight path shall be positive...
- (c) The net flight path shall permit the aeroplane to continue...
- (d) The operator shall increase the width margins of (b) and...

#### CAT.POLEnr.220

- (a) At no point along the intended track shall an aeroplane...
- (b) The two-engines-inoperative en-route net flight path data shall allow the...
- (c) The two engines shall be assumed to fail at the...
- (d) The net flight path shall have a positive gradient at...
- (e) Fuel jettisoning shall be permitted to an extent consistent with...
- (f) The expected mass of the aeroplane at the point where...

#### CAT.POLAd.225

- (a) The landing mass of the aeroplane determined in accordance with...

#### CAT.POLAd.230

- (a) The landing mass of the aeroplane determined in accordance with...
- (b) For steep approach operations, the operator shall use the landing...
- (c) For short landing operations, the operator shall use the landing...

- (d) When determining the landing mass, the operator shall take the...
  - (e) For dispatching the aeroplane it shall be assumed that:
  - (f) If the operator is unable to comply with (e)(1) for...
  - (g) If the operator is unable to comply with (e)(2) for...
- CAT.POL.A.235 — wet and contaminated runways
- (a) When the appropriate weather reports and/or forecasts indicate that the...
  - (b) When the appropriate weather reports and/or forecasts indicate that the...
  - (c) A landing distance on a wet runway shorter than that...
  - (d) A landing distance on a specially prepared contaminated runway shorter...
  - (e) For (b), (c) and (d), the criteria of CAT.POL.A.230 shall...
- CAT.POL.A.240 — operations with increased bank angles
- (a) Operations with increased bank angles require prior approval by the...
  - (b) To obtain the approval, the operator shall provide evidence that...
- CAT.POL.A.245 — operations of steep approach operations
- (a) Steep approach operations using glideslope angles of 4,5° or more...
  - (b) To obtain the approval, the operator shall provide evidence that...
- CAT.POL.A.250 — operations of short landing operations
- (a) Short landing operations require prior approval by the competent authority....
  - (b) To obtain the approval, the operator shall provide evidence that...

## CHAPTER 3

### Performance class B

- CAT.POL.A.300 — General
- (a) The operator shall not operate a single-engined aeroplane:
  - (b) The operator shall treat two-engined aeroplanes that do not meet...
- CAT.POL.A.305 — Take-off
- (a) The take-off mass shall not exceed the maximum take-off mass...
  - (b) The unfactored take-off distance, specified in the AFM, shall not...
  - (c) When showing compliance with (b), the following shall be taken...
- CAT.POL.A.310 — obstacle clearance — multi-engined aeroplanes
- (a) The take-off flight path of aeroplanes with two or more...
  - (b) For cases where the intended flight path does not require...
  - (c) For cases where the intended flight path requires track changes...
  - (d) When showing compliance with (a) to (c), the following shall...
- CAT.POL.A.315 — En-route — multi-engined aeroplanes

- (a) The aeroplane, in the meteorological conditions expected for the flight...
- (b) It shall be assumed that, at the point of engine...  
CAT.POL.A.320 — single-engined aeroplanes
- (a) In the meteorological conditions expected for the flight, and in...
- (b) It shall be assumed that, at the point of engine...  
CAT.POL.A.325 — destination and alternate aerodromes  
CAT.POL.A.330 — dry runways
- (a) The landing mass of the aeroplane determined in accordance with...
- (b) For steep approach operations, the operator shall use landing distance...
- (c) For short landing operations, the operator shall use landing distance...
- (d) For dispatching the aeroplane in accordance with (a) to (c),...
- (e) If the operator is unable to comply with (d)(2) for...  
CAT.POL.A.335 — wet and contaminated runways
- (a) When the appropriate weather reports and/or forecasts indicate that the...
- (b) When the appropriate weather reports and/or forecasts indicate that the...
- (c) A landing distance on a wet runway shorter than that...  
CAT.POL.A.340 — take-off and landing climb requirements
- (a) Take-off climb
- (1) All engines operating
- (i) The steady gradient of climb after take-off shall be at...
- (2) OEI
- (i) The steady gradient of climb at an altitude of 400 ft...
- (ii) The steady gradient of climb shall be not less than...
- (b) Landing climb
- (1) All engines operating
- (i) The steady gradient of climb shall be at least 2,5 %...
- (2) OEI
- (i) The steady gradient of climb shall be not less than...
- CAT.POL.A.345 — approval of steep approach operations
- (a) Steep approach operations using glideslope angles of 4,5° or more...
- (b) To obtain the approval, the operator shall provide evidence that...
- CAT.POL.A.350 — approval of short landing operations
- (a) Short landing operations require prior approval by the competent authority....
- (b) To obtain the approval, the operator shall provide evidence that...



## CHAPTER 4

### Performance class C

- ~~CAT.POL~~~~Take400~~  
CAT.POL~~Take400~~  
(a) The take-off mass shall not exceed the maximum take-off mass...
- (b) For aeroplanes that have take-off field length data contained in...
- (c) For aeroplanes that have take-off field length data contained in...
- (d) The following shall be taken into account:
- ~~CAT.POL~~~~Take400~~  
CAT.POL~~Take400~~ obstacle clearance
- (a) The take-off flight path with OEI shall be determined such...
- (b) The take-off flight path shall begin at a height of...
- (c) When showing compliance with (a), the following shall be taken...
- (d) Track changes shall not be allowed up to that point...
- (e) For cases that do not require track changes of more...
- (f) For cases that do require track changes of more than...
- (g) The operator shall establish contingency procedures to satisfy (a) to...
- ~~CAT.POL~~~~EnA410~~  
CAT.POL~~EnA410~~ — all engines operating
- (a) In the meteorological conditions expected for the flight, at any...
- ~~CAT.POL~~~~EnA415~~  
CAT.POL~~EnA415~~ — OEI
- (a) In the meteorological conditions expected for the flight, in the...
- (b) The flight path shall have a positive slope at an...
- (c) The available rate of climb of the aeroplane shall be...
- (d) The width margins of (a) shall be increased to 18,5 km...
- (e) Fuel jettisoning is permitted to an extent consistent with reaching...
- ~~CAT.POL~~~~EnA420~~  
CAT.POL~~EnA420~~ — aeroplanes with three or more engines, two engines...
- (a) At no point along the intended track shall an aeroplane...
- (b) The two-engines-inoperative flight path shall permit the aeroplane to continue...
- (c) The two engines are assumed to fail at the most...
- (d) The expected mass of the aeroplane at the point where...
- (e) The available rate of climb of the aeroplane shall be...
- (f) The width margins of (b) shall be increased to 18,5 km...
- (g) Fuel jettisoning is permitted to an extent consistent with reaching...
- ~~CAT.POL~~~~LaA425~~  
CAT.POL~~LaA425~~ — destination and alternate aerodromes
- ~~CAT.POL~~~~LaA430~~  
CAT.POL~~LaA430~~ — dry runways
- (a) The landing mass of the aeroplane determined in accordance with...
- (b) For dispatching the aeroplane it shall be assumed that:
- (c) If the operator is unable to comply with (b)(2) for...
- ~~CAT.POL~~~~LaA435~~  
CAT.POL~~LaA435~~ — wet and contaminated runways
- (a) When the appropriate weather reports and/or forecasts indicate that the...

- (b) When the appropriate weather reports and/or forecasts indicate that the...

## SECTION 2

### Helicopters

## CHAPTER 1

### General requirements

#### CAT.POL.Helicopter

- (a) Helicopters shall be operated in accordance with the applicable performance...
- (b) Helicopters shall be operated in performance class 1:
- (c) Unless otherwise prescribed by (b), helicopters that have an MOPSC...
- (d) Unless otherwise prescribed by (b), helicopters that have an MOPSC...

#### CAT.POL.Helicopter

- (a) The mass of the helicopter:
- (b) The approved performance data contained in the AFM shall be...
- (c) When showing compliance with the requirements of this Section, account...

#### CAT.POL.Helicopter

- (a) For the purpose of obstacle clearance requirements, an obstacle located...
- (b) For take-off using a back-up or a lateral transition procedure,...
- (c) Obstacles may be disregarded if they are situated beyond:

## CHAPTER 2

### Performance class 1

#### CAT.POL.Helicopter

#### CAT.POL.Helicopter

- (a) The take-off mass shall not exceed the maximum take-off mass...
- (b) The take-off mass shall be such that:
- (c) When showing compliance with (a) and (b), account shall be...
- (d) That part of the take-off up to and including TDP...
- (e) For take-off using a backup or lateral transition procedure, with...

#### CAT.POL.Helicopter

- (a) From the end of the TODRH with the critical engine...
- (b) When showing compliance with (a), account shall be taken of...

#### CAT.POL.Helicopter

- (a) The mass of the helicopter and flight path at all...
- (b) When showing compliance with (a)(2) or (a)(3):
- (c) The width margins of (a)(1) and (a)(2) shall be increased...

#### CAT.POL.Helicopter

- (a) The landing mass of the helicopter at the estimated time...
  - (b) In the event of the critical engine failure being recognised...
  - (c) In the event of the critical engine failure being recognised...
  - (d) When showing compliance with (a) to (c), account shall be...
  - (e) That part of the landing from the LDP to touchdown...
- CAT.POL.H.301 Helicopter operations to/from a public interest site
- (a) Operations to/from a public interest site (PIS) may be conducted...
  - (b) Site-specific procedures shall be established in the operations manual to...
  - (c) The operations manual shall contain for each PIS: a diagram...

### CHAPTER 3

#### Performance class 2

- CAT.POL.H.300 General
- CAT.POL.H.305 Operations without an assured safe forced landing capability
- (a) Operations without an assured safe forced landing capability during the...
  - (b) To obtain and maintain such approval the operator shall:
- CAT.POL.H.310 Take-off
- (a) The take-off mass shall not exceed the maximum mass specified...
  - (b) For operations other than those specified in CAT.POL.H.305, the take-off...
  - (c) For operations in accordance with CAT.POL.H.305, in addition to the...
  - (d) When showing compliance with (a) to (c), account shall be...
  - (e) That part of the take-off before the requirement of CAT.POL.H.315...
- CAT.POL.H.315 Take-off flight path
- CAT.POL.H.320 Engine — critical engine inoperative
- CAT.POL.H.325 Landing
- (a) The landing mass at the estimated time of landing shall...
  - (b) If the critical engine fails at any point in the...
  - (c) For operations in accordance with CAT.POL.H.305, in addition to the...
  - (d) When showing compliance with (a) to (c), account shall be...
  - (e) That part of the landing after which the requirement of...

### CHAPTER 4

#### Performance class 3

- CAT.POL.H.400 General
- (a) Helicopters operated in performance class 3 shall be certified in...
  - (b) Operations shall only be conducted in a non-hostile environment, except...
  - (c) Provided the operator is approved in accordance with CAT.POL.H.305, operations...
  - (d) Operations shall not be conducted:

- CAT.POL.H.400
- (a) The take-off mass shall be the lower of:
- (b) Except as provided in CAT.POL.H.400(b), in the event of an...
- CAT.POL.H.410
- (a) The helicopter shall be able, with all engines operating within...
- (b) Except as provided in CAT.POL.H.420, in the event of an...
- CAT.POL.H.415
- (a) The landing mass of the helicopter at the estimated time...
- (b) Except as provided in CAT.POL.H.400(b), in the event of an...
- CAT.POL.H.420
- Helicopter operations over a hostile environment located outside a congested...
- (a) Operations over a non-congested hostile environment without a safe forced...
- (b) To obtain and maintain such approval the operator shall:
- (c) Notwithstanding CAT.IDE.H.240, such operations may be conducted without supplemental oxygen...

## SECTION 3

## Mass and balance

## CHAPTER 1

## Motor-powered aircraft

- CAT.POM.A.001
- Mass and balance, loading
- (a) During any phase of operation, the loading, mass and centre...
- (b) The operator shall establish the mass and the CG of...
- (c) The weighing shall be accomplished by the manufacturer of the...
- (d) The operator shall determine the mass of all operating items...
- (e) The operator shall establish the mass of the traffic load,...
- (f) In addition to standard masses for passengers and checked baggage,...
- (g) The operator shall determine the mass of the fuel load...
- (h) The operator shall ensure that the loading of:
- (i) The operator shall comply with additional structural limits such as...
- (j) The operator shall specify, in the operations manual, the principles...
- CAT.POM.A.002
- Mass and balance data and documentation
- (a) The operator shall establish mass and balance data and produce...
- (b) Where mass and balance data and documentation is generated by...
- (c) The person supervising the loading of the aircraft shall confirm...
- (d) The operator shall specify procedures for last minute changes to...
- (e) The operator shall obtain approval by the competent authority if...

## SUBPART INSTRUMENTS, DATA, EQUIPMENT

## SECTION 1

### Aeroplanes

- CAT.IDE.A.100 ~~Encl.100~~ Instruments and equipment — general
- Instruments and equipment required by this Subpart shall be approved...
  - Instruments and equipment not required by this Subpart that do...
  - If equipment is to be used by one flight crew...
  - Those instruments that are used by any flight crew member...
  - All required emergency equipment shall be easily accessible for immediate...
- CAT.IDE.A.105 ~~Ann.105~~ Minimum equipment for flight
- CAT.IDE.S.100 ~~Sp.100~~ Electrical fuses
- Aeroplanes shall be equipped with spare electrical fuses, of the...
  - The number of spare fuses that are required to be...
- CAT.IDE.O.115 ~~Oper.115~~ Operating lights
- Aeroplanes operated by day shall be equipped with:
  - Aeroplanes operated at night shall in addition be equipped with:...
- CAT.IDE.E.120 ~~Equip.120~~ Equipment to clear windshield
- CAT.IDE.O.125 ~~Oper.125~~ Operations under VFR by day — flight and navigational instruments...
- Aeroplanes operated under VFR by day shall be equipped with...
  - Whenever two pilots are required for the operation, an additional...
  - A means for preventing malfunction of the airspeed indicating systems...
  - Single engine aeroplanes first issued with an individual CofA before...
- CAT.IDE.O.130 ~~Oper.130~~ Operations under IFR or at night — flight and navigational...
- CAT.IDE.A.135 ~~Ad.135~~ Additional equipment for single-pilot operation under IFR
- CAT.IDE.A.140 ~~Ad.140~~ Altitude alerting system
- The following aeroplanes shall be equipped with an altitude alerting...
  - The altitude alerting system shall be capable of:
  - Notwithstanding (a), aeroplanes with an MCTOM of 5 700 kg or...
- CAT.IDE.A.150 ~~Ad.150~~ Terrain awareness warning system (TAWS)
- Turbine-powered aeroplanes having an MCTOM of more than 5 700 kg...
  - Reciprocating-engine-powered aeroplanes with an MCTOM of more than 5 700 kg...
- CAT.IDE.A.155 ~~Ad.155~~ Traffic collision avoidance system (ACAS)
- CAT.IDE.A.160 ~~Ad.160~~ Weather detecting equipment
- CAT.IDE.A.165 ~~Ad.165~~ Additional equipment for operations in icing conditions at night
- Aeroplanes operated in expected or actual icing conditions at night...
  - The means to illuminate the formation of ice shall not...
- CAT.IDE.F.170 ~~Flt.170~~ Crew interphone system
- CAT.IDE.C.175 ~~Crew.175~~ Crew member interphone system

- CAT.IDE.P.1180 Address system
- CAT.IDE.C.187 Cockpit voice recorder
- (a) The following aeroplanes shall be equipped with a cockpit voice...
  - (b) The CVR shall be capable of retaining the data recorded...
  - (c) The CVR shall record with reference to a timescale:
  - (d) The CVR shall start to record prior to the aeroplane...
  - (e) In addition to (d), depending on the availability of electrical...
  - (f) The CVR shall have a device to assist in locating...
- CAT.IDE.F.190 Flight data recorder
- (a) The following aeroplanes shall be equipped with a flight data...
  - (b) The FDR shall record:
  - (c) Data shall be obtained from aeroplane sources that enable accurate...
  - (d) The FDR shall start to record the data prior to...
  - (e) The FDR shall have a device to assist in locating...
- CAT.IDE.D.151 Data link recording
- (a) Aeroplanes first issued with an individual CofA on or after...
  - (b) The recorder shall use a digital method of recording and...
  - (c) The recorder shall be capable of retaining data recorded for...
  - (d) The recorder shall have a device to assist in locating...
  - (e) The requirements applicable to the start and stop logic of...
- CAT.IDE.C.160 Communication recorder
- CAT.IDE.S.125 Seat safety belts, restraint systems and child restraint devices...
- (a) Aeroplanes shall be equipped with:
  - (b) A seat belt with upper torso restraint system shall:
- CAT.IDE.E.110 Seat belt and no smoking signs
- CAT.IDE.E.115 Emergency doors and curtains
- CAT.IDE.F.120 First-aid kit
- (a) Aeroplanes shall be equipped with first-aid kits, in accordance with...
  - (b) First-aid kits shall be:
- CAT.IDE.E.125 Emergency medical kit
- (a) Aeroplanes with an MOPSC of more than 30 shall be...
  - (b) The commander shall ensure that drugs are only administered by...
  - (c) The emergency medical kit referred to in (a) shall be:...
- CAT.IDE.F.130 First-aid oxygen
- (a) Pressurised aeroplanes operated at pressure altitudes above 25 000 ft, in...
  - (b) The oxygen supply referred to in (a) shall be calculated...
  - (c) There shall be a sufficient number of dispensing units, but...
  - (d) The first-aid oxygen equipment shall be capable of generating a...
- CAT.IDE.S.135 Supplemental oxygen — pressurised aeroplanes
- (a) Pressurised aeroplanes operated at pressure altitudes above 10 000 ft shall...
  - (b) Pressurised aeroplanes operated at pressure altitudes above 25 000 ft shall...
  - (c) In the case of pressurised aeroplanes first issued with an...
  - (d) The total number of dispensing units and outlets referred to...
  - (e) Notwithstanding (a), the oxygen supply requirements for cabin crew member(s),...

- (f) The required minimum supply in Table 1, row 1 item...
  - (g) The required minimum supply in Table 1, row 1 item...
  - (h) The required minimum supply in Table 1, row 3, shall...
- CAT.IDE.A-240 Supplemental oxygen — non-pressurised aeroplanes
- CAT.IDE.A-245 Protective breathing equipment
- (a) All pressurised aeroplanes and those unpressurised aeroplanes with an MCTOM...
  - (b) A PBE intended for flight crew use shall be installed...
  - (c) A PBE intended for cabin crew use shall be installed...
  - (d) Aeroplanes shall be equipped with an additional portable PBE installed...
  - (e) A PBE while in use shall not prevent the use...
- CAT.IDE.HA-50 Hand fire extinguishers
- (a) Aeroplanes shall be equipped with at least one hand fire...
  - (b) At least one hand fire extinguisher shall be located in,...
  - (c) At least one hand fire extinguisher shall be available for...
  - (d) The type and quantity of extinguishing agent for the required...
  - (e) Aeroplanes shall be equipped with at least a number of...
- CAT.IDE.A-355 Axe and crowbar
- (a) Aeroplanes with an MCTOM of more than 5 700 kg or...
  - (b) In the case of aeroplanes with an MOPSC of more...
  - (c) Crash axes and crowbars located in the passenger compartment shall...
- CAT.IDE.MA-260 Marking of break-in points
- CAT.IDE.MA-265 Marking for emergency evacuation
- (a) Aeroplanes with passenger emergency exit sill heights of more than...
  - (b) Notwithstanding (a), such means are not required at overwing exits...
  - (c) Aeroplanes required to have a separate emergency exit for the...
  - (d) The heights referred to in (a) and (c) shall be...
- CAT.IDE.MA-270 Markings
- CAT.IDE.EA-275 Emergency lighting and marking
- (a) Aeroplanes with an MOPSC of more than nine shall be...
  - (b) In the case of aeroplanes with an MOPSC of more...
  - (c) In the case of aeroplanes with an MOPSC of 19...
  - (d) In the case of aeroplanes with an MOPSC of 19...
  - (e) Aeroplanes with an MOPSC of nine or less, operated at...
- CAT.IDE.EA-280 Emergency locator transmitter (ELT)
- (a) Aeroplanes with an MOPSC of more than 19 shall be...
  - (b) Aeroplanes with an MOPSC of 19 or less shall be...
  - (c) An ELT of any type shall be capable of transmitting...
- CAT.IDE.EA-285 Emergency equipment over water
- (a) The following aeroplanes shall be equipped with a life-jacket for...
  - (b) Each life-jacket or equivalent individual flotation device shall be equipped...
  - (c) Seaplanes operated over water shall be equipped with:
  - (d) Aeroplanes operated over water at a distance away from land...
  - (e) Aeroplanes complying with (d) shall carry the following equipment:
- CAT.IDE.SA-305 Survival equipment

- (a) Aeroplanes operated over areas in which search and rescue would...
- (b) The additional survival equipment specified in (a)(3) does not need...

## CAT.IDE.HA.135

- (a) Aeroplanes shall be equipped with a headset with a boom...
- (b) Aeroplanes operated under IFR or at night shall be equipped...

## CAT.IDE.RA.136

- (a) Aeroplanes shall be equipped with the radio communication equipment required...
- (b) The radio communication equipment shall provide for communication on the...

## CAT.IDE.AD.135

## CAT.IDE.RA.140

## CAT.IDE.CO.145

- (a) Aeroplanes operated under IFR or under VFR over routes that...
- (b) Radio communication equipment shall include at least two independent radio...
- (c) Notwithstanding (b), aeroplanes operated for short haul operations in the...
- (d) Aeroplanes shall have sufficient navigation equipment to ensure that, in...
- (e) Aeroplanes operated on flights in which it is intended to...

## CAT.IDE.AN.350

## CAT.IDE.EA.355

- (a) The operator shall only use electronic navigation data products that...
- (b) When the electronic navigation data products support a navigation application...
- (c) The operator shall continuously monitor the integrity of both the...
- (d) The operator shall ensure the timely distribution and insertion of...

## SECTION 2

## Helicopters

## CAT.IDE.HR.100

- (a) Instruments and equipment required by this Subpart shall be approved...
- (b) Instruments and equipment not required by this Subpart that do...
- (c) If equipment is to be used by one flight crew...
- (d) Those instruments that are used by any flight crew member...
- (e) All required emergency equipment shall be easily accessible for immediate...

## CAT.IDE.HH.105

## CAT.IDE.HP.115

- (a) Helicopters operated under VFR by day shall be equipped with...



- (b) Helicopters operated at night or under IFR shall, in addition...  
CAT.IDE.OPB.125 Operations under VFR by day — flight and navigational instruments...
- (a) Helicopters operated under VFR by day shall be equipped with...
- (b) Whenever two pilots are required for the operation, an additional...
- (c) Helicopters with an MCTOM of more than 3 175 kg or...
- (d) A means for preventing malfunction of the airspeed indicating systems...
- CAT.IDE.OPB.130 Operations under IFR or at night — flight and navigational...
- CAT.IDE.AHB.135 Additional equipment for single-pilot operation under IFR
- CAT.IDE.AHB.141 Altimeters
- (a) Helicopters on flights over water shall be equipped with a...  
CAT.IDE.AHB.160 weather detecting equipment
- CAT.IDE.AHB.165 Additional equipment for operations in icing conditions at night
- (a) Helicopters operated in expected or actual icing conditions at night...
- (b) The means to illuminate the formation of ice shall not...
- CAT.IDE.FH.170 Crew interphone system
- CAT.IDE.FH.175 Crew member interphone system
- CAT.IDE.FH.180 Address system
- (a) Helicopters with an MOPSC of more than nine shall be...
- (b) Notwithstanding (a) helicopters with an MOPSC of more than nine...
- CAT.IDE.CBK.187 Cockpit voice recorder
- (a) The following helicopter types shall be equipped with a cockpit...
- (b) The CVR shall be capable of retaining the data recorded...
- (c) The CVR shall record with reference to a timescale:
- (d) The CVR shall start to record prior to the helicopter...
- (e) In addition to (d), for helicopters referred to in (a)(2)...
- (f) The CVR shall have a device to assist in locating...
- CAT.IDE.FH.190 Data recorder
- (a) The following helicopters shall be equipped with an FDR that...
- (b) The FDR shall record the parameters required to determine accurately...
- (c) Data shall be obtained from helicopter sources that enable accurate...
- (d) The FDR shall automatically start to record the data prior...
- (e) The FDR shall have a device to assist in locating...
- CAT.IDE.DHB.195 Data link recording
- (a) Helicopters first issued with an individual CofA on or after...
- (b) The recorder shall use a digital method of recording and...
- (c) The recorder shall be capable of retaining data recorded for...
- (d) The recorder shall have a device to assist in locating...
- (e) The requirements applicable to the start and stop logic of...
- CAT.IDE.FH.200 Data and cockpit voice combination recorder
- CAT.IDE.SAB.205 Seat safety belts, restraint systems and child restraint devices...
- (a) Helicopters shall be equipped with:
- (b) A seat belt with upper torso restraint system shall:
- CAT.IDE.FH.210 Seat belt and no smoking signs
- CAT.IDE.FH.220 Kits

- (a) Helicopters shall be equipped with at least one first-aid kit....
- (b) First-aid kits shall be:
- CAT.IDE.Hel.240 Supplemental oxygen — non-pressurised helicopters
- CAT.IDE.Hel.250 Fire extinguishers
- (a) Helicopters shall be equipped with at least one hand fire...
- (b) At least one hand fire extinguisher shall be located in,...
- (c) At least one hand fire extinguisher shall be available for...
- (d) The type and quantity of extinguishing agent for the required...
- (e) The helicopter shall be equipped with at least a number...
- CAT.IDE.Hel.260 Location of break-in points
- CAT.IDE.Hel.270 Phones
- CAT.IDE.Hel.275 Emergency lighting and marking
- (a) Helicopters with an MOPSC of more than 19 shall be...
- (b) Helicopters shall be equipped with emergency exit markings visible in...
- CAT.IDE.Hel.280 Emergency locator transmitter (ELT)
- (a) Helicopters shall be equipped with at least one automatic ELT....
- (b) Helicopters operating in performance class 1 or 2 used in...
- (c) An ELT of any type shall be capable of transmitting...
- CAT.IDE.Hel.290 Life jackets
- (a) Helicopters shall be equipped with a life-jacket for each person...
- (b) Each life-jacket or equivalent individual flotation device shall be equipped...
- CAT.IDE.Hel.295 Survival suits
- CAT.IDE.Hel.300 Seats, survival ELTs and survival equipment on extended overwater flights...
- CAT.IDE.Hel.305 Survival equipment
- CAT.IDE.Hel.310 Additional requirements for helicopters conducting offshore operations in a hostile...
- CAT.IDE.Hel.315 Helicopters certified for operating on water — miscellaneous equipment
- CAT.IDE.Hel.320 Helicopters on flights over water — ditching
- (a) Helicopters shall be designed for landing on water or certified...
- (b) Helicopters shall be designed for landing on water or certified...
- CAT.IDE.Hel.325 Headset
- CAT.IDE.Hel.330 Radio communication equipment
- (a) Helicopters shall be equipped with the radio communication equipment required...
- (b) The radio communication equipment shall provide for communication on the...
- CAT.IDE.Hel.335 Selector panel
- CAT.IDE.Hel.340 Equipment for operations under VFR over routes navigated by...
- CAT.IDE.Hel.345 Communication and navigation equipment for operations under IFR or under...
- (a) Helicopters operated under IFR or under VFR over routes that...
- (b) Radio communication equipment shall include at least two independent radio...

- (c) Helicopters shall have sufficient navigation equipment to ensure that, in...
- (d) Helicopters operated on flights in which it is intended to...  
CAT.IDE.H.350

## ANNEX V

### SPECIFIC APPROVALS

#### SUBPART GENERAL REQUIREMENTS

- SPA.GEN.001 Competent authority
- SPA.GEN.005 Application for a specific approval
  - (a) The operator applying for the initial issue of a specific...
  - (b) The operator shall provide the following evidence to the competent...
  - (c) The operator shall retain records relating to (a) and (b)...
- SPA.GEN.010 Changes of an operator holding a specific approval
- SPA.GEN.015 Changes to a specific approval
- SPA.GEN.020 Continued validity of a specific approval

#### SUBPART PERFORMANCE-BASED NAVIGATION (PBN) OPERATIONS

- SPA.PBN.000 Operations
- SPA.PBN.005 Operational approval

#### SUBPART OPERATIONS WITH SPECIFIED MINIMUM NAVIGATION PERFORMANCE (MNPS)

- SPA.MNPS.000 Operations
- SPA.MNPS.005 Operational approval

#### SUBPART OPERATIONS IN AIRSPACE WITH REDUCED VERTICAL SEPARATION MINIMA (RVSM)

- SPA.RVSM.000 Operations
- SPA.RVSM.005 Operational approval
- SPA.RVSM.010 Equipment requirements
- SPA.RVSM.015 Height-keeping errors
  - (a) The operator shall report recorded or communicated occurrences of height-keeping...
  - (b) Reports of such occurrences shall be sent to the competent...
  - (c) When height-keeping errors are recorded or received, the operator shall...

#### SUBPART LOW VISIBILITY OPERATIONS (LVO)

- SPA.LVO.000 Visibility operations
- SPA.LVO.005 Approval
- SPA.LVO.010 General operating requirements
  - (a) The operator shall only conduct LTS CAT I operations if...
  - (b) The operator shall only conduct CAT II, OTS CAT II...
  - (c) The operator shall only conduct approach operations utilising an EVS...
- SPA.LVO.015 Aerodrome related requirements
  - (a) The operator shall not use an aerodrome for LVOs below...
  - (b) If the operator selects an aerodrome where the term LVP...
- SPA.LVO.020 Pilot crew training and qualifications
- SPA.LVO.025 Operating procedures
  - (a) The operator shall establish procedures and instructions to be used...

- (b) Prior to commencing an LVO, the pilot-in-command/ commander shall be satisfied...
- SPA.LVO.015 Minimum equipment
- (a) The operator shall include the minimum equipment that has to...
- (b) The pilot-in-command/commander shall be satisfied that the status of the...
- SUBPART B EXTENDED RANGE OPERATIONS WITH TWO-ENGINE AEROPLANES (ETOPS)
- SPA.ETOPS.010
- SPA.ETOPS.015 operational approval
- SPA.ETOPS.020 en-route alternate aerodrome
- (a) An ETOPS en-route alternate aerodrome shall be considered adequate, if...
- (b) Prior to conducting an ETOPS flight, the operator shall ensure...
- (c) The operator shall specify any required ETOPS en-route alternate aerodrome(s)...
- SPA.ETOPS.025 en-route alternate aerodrome planning minima
- (a) The operator shall only select an aerodrome as an ETOPS...
- (b) The operator shall include in the operations manual the method...
- SUBPART C TRANSPORT OF DANGEROUS GOODS
- SPA.DGT.010
- SPA.DGT.015 approval to transport dangerous goods
- SPA.DGT.020 dangerous goods information and documentation
- SUBPART D HELICOPTER OPERATIONS WITH NIGHT VISION IMAGING SYSTEMS
- SPA.NVIS.010 night vision imaging system (NVIS) operations
- (a) Helicopters shall only be operated under VFR at night with...
- (b) To obtain such approval by the competent authority, the operator...
- SPA.NVIS.020 equipment requirements for NVIS operations
- (a) Before conducting NVIS operations each helicopter and all associated NVIS...
- (b) Radio altimeter. The helicopter shall be equipped with a radio...
- (c) Aircraft NVIS compatible lighting. To mitigate the reduced peripheral vision...
- (d) Additional NVIS equipment. The following additional NVIS equipment shall be...
- (e) All required NVGs on an NVIS flight shall be of...
- (f) Continuing airworthiness
- (1) Procedures for continuing airworthiness shall contain the information necessary for...
- (2) Any subsequent modification or maintenance to the aircraft shall be...
- SPA.NVIS.030 operating minima
- (a) Operations shall not be conducted below the VFR weather minima...
- (b) The operator shall establish the minimum transition height from where...
- SPA.NVIS.040 equipment requirements for NVIS operations

- (a) Selection. The operator shall establish criteria for the selection of...
- (b) Experience. The minimum experience for the commander shall not be...
- (c) Operational training. All pilots shall have completed the operational training...
- (d) Recency. All pilots and NVIS technical crew members conducting NVIS...
- (e) Crew composition. The minimum crew shall be the greater of...
- (f) Crew training and checking
  - (1) Training and checking shall be conducted in accordance with a...
  - (2) Crew members
    - (i) Crew training programmes shall: improve knowledge of the NVIS working...
    - (ii) The measures referred to in (f)(2)(i) shall be assessed during:...

SPA.NVIS.40 Information and documentation

SUBPART II HELICOPTER HOIST OPERATIONS

SPA.HHO.100 Helicopter hoist operations (HHO)

- (a) Helicopters shall only be operated for the purpose of CAT...
- (b) To obtain such approval by the competent authority, the operator...

SPA.HHO.110 Equipment requirements for HHO

- (a) The installation of all helicopter hoist equipment, including any radio...
- (b) Maintenance instructions for HHO equipment and systems shall be established...

SPA.HHO.120 Communication

SPA.HHO.125 Performance requirements for HHO

SPA.HHO.130 Crew requirements for HHO

- (a) Selection. The operator shall establish criteria for the selection of...
- (b) Experience. The minimum experience level for the commander conducting HHO...
- (c) Operational training and experience. Successful completion of training in accordance...
- (d) Recency. All pilots and HHO crew members conducting HHO shall...
- (e) Crew composition. The minimum crew for day or night operations...
- (f) Training and checking
  - (1) Training and checking shall be conducted in accordance with a...
  - (2) Crew members:
    - (i) Crew training programmes shall: improve knowledge of the HHO working...
    - (ii) The measures referred to in (f)(2)(i) shall be assessed during...

SPA.HHO.135 Passenger briefing

SPA.HHO.140 Information and documentation

- (a) The operator shall ensure that, as part of its risk...

- (b) Relevant extracts from the operations manual shall be available to...

#### SUBPART II HELICOPTER EMERGENCY MEDICAL SERVICE OPERATIONS

##### SPA.HEMS.100 Helicopter emergency medical service (HEMS) operations

- (a) Helicopters shall only be operated for the purpose of HEMS...
- (b) To obtain such approval by the competent authority, the operator...

##### SPA.HEMS.110 Supplement requirements for HEMS operations

##### SPA.HEMS.115 Communication

##### SPA.HEMS.120 Operating minima

- (a) HEMS flights operated in performance class 1 and 2 shall...
- (b) The weather minima for the dispatch and en-route phase of...

##### SPA.HEMS.125 Performance requirements for HEMS operations

- (a) Performance class 3 operations shall not be conducted over a...
- (b) Take-off and landing
  - (1) Helicopters conducting operations to/from a final approach and take-off area...
  - (2) Helicopters conducting operations to/from a FATO at a hospital that...
  - (3) Helicopters conducting operations to/from a HEMS operating site located in...
  - (4) The HEMS operating site shall be big enough to provide...

##### SPA.HEMS.130 Crew requirements

- (a) Selection. The operator shall establish criteria for the selection of...
- (b) Experience. The minimum experience level for the commander conducting HEMS...
- (c) Operational training. Successful completion of operational training in accordance with...
- (d) Recency. All pilots conducting HEMS operations shall have completed a...
- (e) Crew composition
- (f) Crew training and checking
  - (1) Training and checking shall be conducted in accordance with a...
  - (2) Crew members
    - (i) Crew training programmes shall: improve knowledge of the HEMS working...
    - (ii) The measures referred to in (f)(2)(i) shall be assessed during:...

##### SPA.HEMS.135 Medical passenger and other personnel briefing

- (a) Medical passenger. Prior to any HEMS flight, or series of...
- (b) Ground emergency service personnel. The operator shall take all reasonable...
- (c) Medical patient. Notwithstanding CAT.OP.MPA.170, a briefing shall only be conducted...

##### SPA.HEMS.140 Information and documentation

- (a) The operator shall ensure that, as part of its risk...
- (b) Relevant extracts from the operations manual shall be made available...

##### SPA.HEMS.145 Operating base facilities

- (a) If crew members are required to be on standby with...

(b) At each operating base the pilots shall be provided with...  
SPA.HEMS150ply

(a) When the HEMS mission is conducted under VFR within a...  
SPA.HEMS150plyng with passengers embarking, on board or disembarking

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**Status:** This is the original version (as it was originally adopted).

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- (1) OJ L 79, 19.3.2008, p. 1.
- (2) OJ L 373, 31.12.1991, p. 4.
- (3) OJ L 143, 30.4.2004, p. 76.