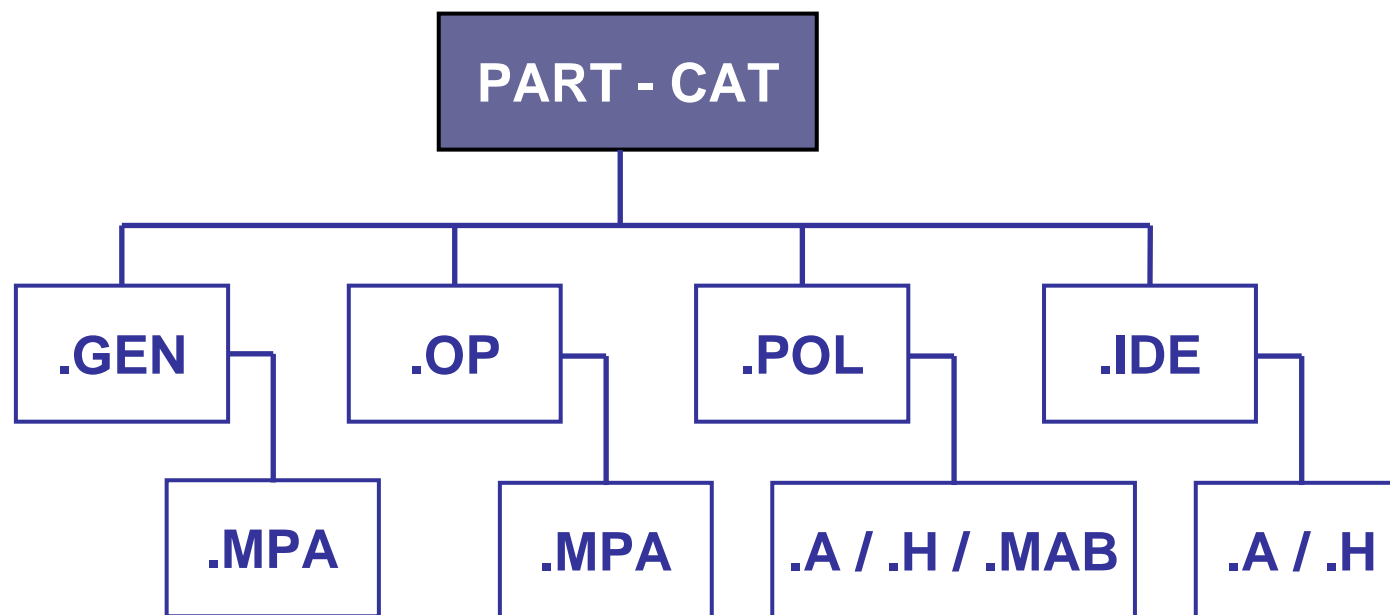


Transition IR-OPS

3.3 Examen des changements principaux Part CAT & SPA



Overview of Part CAT (1/2)



.GEN – Exigences générales

.OP – Procédures opérationnelles

.POL – Performances & limitations opérationnelles des aéronefs

.IDE – Instruments, données et équipements

**.MPA – Aéronefs motorisés
.MAB – Masse et centrage**

Overview of Part CAT (2/2)

- **Part-CAT contains technical rules for all CAT operations**
- **Part-CAT is structured into aircraft-specific sections & chapters (ie. “.MPA”, “.A”, “.H”)**
- **Part-CAT can be easily amended for other aircraft categories (ie. sailplanes, balloons, airships, remotely piloted aircraft syst.)**
- **Improved balance between Implementing Rules and AMC/GM**

Sous-partie GEN

Exigences générales

Paragraph	Title	Difference	OPS1/3
CAT.GEN.MPA.100	Crew responsibilities	New	1/3.085

- Includes rules for crew undertaking duties for more than one operator

Paragraph	Title	Difference	OPS1/3
CAT.GEN.MPA.105	Responsibilities of the commander	Modif.	1/3.330 1/3.420

- Rules on the use of flight recorders amended to align with recent amendments to ICAO Annex 6
- OPS1/3.330 & OPS1/3.420, dealing with all of the responsibilities of the commander, have been combined within a single rule

Paragraph	Title	Difference	OPS1/3
CAT.GEN.MPA.140	Portable electronic devices	Modif.	1/3.110

- AMC1 et GM1 CAT.GEN.MPA.140
- Definitions of the different kind of PED
- Transposes and amends parts of TGL29 :
 - new approach to risk assessment
 - general allowance for Bluetooth is removed
 - definition for switched-off status
 - added criteria for demonstrating that radiation levels are tolerable to the aircraft systems added

Paragraph	Title	Difference	OPS1/3
CAT.GEN.MPA.180	Documents, manuals and information to be carried	Modif.	...

- OPS 1/3.050, 1/3.125, 1/3.130, 1/3.135 merged into a single requirement
- Extends the use of electronic documents (AMC1)
- Clarifies which documents need to be original: CoR, CoA, radio licence
- Copy of the AOC to be a certified true copy
- Journey log to be carried
- Alleviations for A-to-A and local operations / 24h with non complex aircraft in day VFR (actual app.1 OPS 1.005.a)

Sous-partie OP

Procédures opérationnelles

Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.105	Use of aerodromes and operating sites	Modif.	1/3.220



- The scope of this rule has been extended to operations that do not depart from, or land at an aerodrome. Due to safety considerations, the rule text allows the use of operating sites for CAT operations only with helicopters and non complex aeroplanes.

Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.106	Use of isolated aerodromes - aeroplanes	Modif.	1.192.f

- Requirement for prior approval for the use of an isolated aerodrome as destination aerodrome for commercial operations with aeroplanes (instead of actual acceptance).



Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.145	Establishment of minimum flight altitudes	Modif.	1/3.250

- Still needs an approval
- cf GM1 CAT.OP.MPA.145(a) : LIDO formula added to the existing ones (KSS, Jeppesen, ATLAS)

Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.150	Fuel policy	Modif.	1/3.255

- The fuel policy and any change to it require a prior approval by the competent authority.



Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.155	Carriage of special categories of passengers (SCPs)	Modif.	1/3.260 1/3.265



- Rewritten taking into account Regulation (EC) No 1107/2006 concerning the rights of disabled persons and persons with reduced mobility when travelling by air

Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.195	Refuelling with passengers embarking	Modif.	1/3.305

- AMC1 : equivalent to actual app.1 OPS 1.305
+ “*the involved personnel should remain within easy reach of the system of communication*”

Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.255	Ice and other contaminants – flight procedures	Modif.	1/3.346

- Additional implementing rule for cases in which icing exceeds the intensity of icing for which the aircraft is certified, or if an aircraft not certified for flight in known icing conditions encounters icing.



Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.270	Minimum flight altitudes	New	1/3.365

- Possible to descend below minimum flight altitudes if approved by the competent authority.

Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.295	Use of ACAS	Modif.	1/3.398

- The operator shall establish operational procedures and training programmes; the implementing rule refers to AUR.ACAS, Commission Regulation (EU) No 1332/2011.

Paragraph	Title	Difference	OPS1/3
CAT.OP.MPA.305	Commencement and continuation of approach	Modif.	1/3.405

- The outer marker is replaced by 1 000 ft
- Additional rule for approaches where the DH/MDH is more 1 000 ft above the aerodrome height :

“If the reported RVR/VIS is less than the applicable minimum the approach shall not be continued:

- (1) Below 1000ft above the aerodrome, or*
- (2) into the final approach segment in the case where the DA/H or MDA/H is more than 1 000 ft above the aerodrome.”*

Sous-partie POL

Performances et limitations opérationnelles des aéronefs

Overview of Part CAT.POL

CAT.POL.A

This Section transposes Subparts F to I of EU-OPS and consists of 4 Chapters. Generally, appendices of EUOPS have been moved to AMC/GM level. Performance classes are defined in Annex I.

- Chapter 1 – General requirements;
- Chapter 2 – Performance class A;
- Chapter 3 – Performance class B;
- Chapter 4 – Performance class C.

CAT.POL.H

This section consists of 4 Chapters following JAR-OPS 3 structure :

- Chapter 1 – General requirements
- Chapter 2 – Performance class 1
- Chapter 3 – Performance class 2
- Chapter 4 – Performance class 3

Paragraph	Title	Difference	OPS1/3
CAT.POL.A.245/345	Approval of steep approach operations	Modif.	1/3.515 & 550 app. 1

- Based on already certified aircraft, screen height changed from 50 to 60 ft



Paragraph	Title	Difference	OPS1/3
CAT.POL.MAB.100	Mass and balance, loading	Modif.	1/3.605

- Additional criteria for approval of standard masses for load items other than passengers and baggage have been included in CAT.POL.MAB.100(f).

Paragraph	Title	Difference	OPS1/3
CAT.POL.MAB.105	Mass and balance data, documentation	Modif.	1/3.625

- Approval for omitting some data from the mass and balance documentation has been deleted in CAT.POL.MAB.105(a) since it is intended that those data are not missing but provided elsewhere in a way that is readily available for use.
- Mass and balance documentation provisions have been expanded (CAT.POL.MAB.105(e)) to cover the use of different types of on-board mass and balance systems, to address existing systems not covered by EU-OPS / JAR-OPS 3.

Sous-partie IDE

Instruments, données et équipements



Overview of Part CAT.IDE

CAT.IDE

This subpart contains general requirements for CAT operations, it consists of 2 sections for the time being .

- **Section 1 – Aeroplanes;**
- **Section 2 – Helicopters.**

Sections 1 and 2 transpose subparts K and L of OPS 1/3, ensuring compliance with ICAO SARPs and taking into account certain JAA NPAs.

Paragraph	Title	Difference	OPS1
CAT.IDE.A.110	Spare electrical fuses	Modif.	1.635

- Requirements on spare electrical fuses (CAT.IDE.A.110) have been enhanced, in line with ICAO and EU-OPS and JAA NPA-OPS 43.

Paragraph	Title	Difference	OPS1
CAT.IDE.A.130	Operations under IFR or at night – flight & navigational instruments & associated equipment	Modif.	1.652

- NPA-OPS 39B3 taken into account

Paragraph	Title	Difference	OPS1
CAT.IDE.A.150	Terrain awareness warning system (TAWS)	Modif.	1.665

- Requirements on TAWS Class A & Class B have been introduced in line with NPA-OPS 39B

Paragraph	Title	Difference	OPS1
CAT.IDE.A.185/190	CVR / FDR	Modif.	1.700 to 725

- These requirements have been revised in accordance with the latest developments of ICAO Annex 6 and EUROCAE standards taking into account certain JAA NPAs.
- Relevant AMCs and GMs have been developed

Paragraph	Title	Difference	OPS1
CAT.IDE.A.195	Data link recording	New	-

- Requirement for recording of data link communications is added in accordance with ICAO Annex 6, for individual CofA on or after 8 April 2014
- Relevant AMCs and GMs have been developed



Paragraph	Title	Difference	OPS1
CAT.IDE.A.205	Seats, seat safety belts, restraint systems and child restraint devices	New	1.730

- **A requirement for an upper torso restraint (UTR) system on all seats**, CAT.IDE.A.205(a)(4), has been added, **for aeroplanes with a MTOM of less than 5 700 kg and a MOPSC of less than 9** (applicable after 8 april 2015).
- New upper torso restraint system definition is taken into account in place of the previous 'shoulder harness' term.



Paragraph	Title	Difference	OPS1
CAT.IDE.A.235	Supplemental oxygen — pressurised aeroplanes	New	1.770

- Device to provide a warning indication to the flight crew of any loss of pressurisation
- Alignment with ICAO Annex 6



Partie SPA

Agréments spécifiques

Overview of Part SPA

SPA.GEN

Information required for an application for a specific approval :

- Name, address and mailing address of the applicant;
- Description of the intended operation;
- Compliance with the requirements of the applicable subparts;
- Evidence that the relevant elements defined in the data established in accordance with Regulation (EC) No 1702/2003 are taken into account.

Information regarding the privileges of an operator holding a SPA, changes to a SPA and the validity (unlimited duration).

Overview of Part SPA

SPA.PBN

- Approval for Performance Based Navigation operations;
- The subpart contains the technical elements to provide to the authority;
- RNAV 5 (B-RNAV) is no longer approved.

SPA.MNPS

- Approval for operations with Minimum Navigation Performance Specifications;
- The subpart contains the technical elements to provide to the authority.

SPA.RVSM

- Approval for operations in airspace with Reduced Vertical Separation Minima;
- The subpart contains the technical elements to provide to the authority.

Overview of Part SPA

SPA.LVO

- Approval for Low Visibility Operations;
- The subpart contains the technical elements to provide to the authority;
- LVTO approval mandatory from 400m, and no more 200/150m (EU-OPS).

SPA.ETOPS:

- Requirements for ETOPS en-route alternate aerodrome;
- Reference to AMC 20-6.

SPA.DG: NOTOC, record-keeping, training

SPA.NVIS, SPA.HHO, SPA.HEMS