



Organisation Requirements & Management Systems

From JARs to IRs: Air Operations
Cologne, 5 – 6 November 2008
Herbert Meyer, EASA



The European Framework

Basic Regulation 216/2008

Personnel

Annex I
Part-FCL

Annex II
Part-Medical

Annex III
Acceptance of
licences & med.
certificates

Annex IV
Conversion of
national licences

Annex V
Part Cabin Crew

Organisation Requirements

General
Requirements

Management
System

Air Operations

Approved Training
Organisations

Aeromedical
Centres

Authority Requirements

General
Requirements

Approved
Training
Organisations

Flight Crew
Licensing

Cabin Crew

Aero-medical
Centres

Medical
Certification

Air Operations

Air Operations

General Operating
and Flight Rules

Commercial Air
Transport

Commercial
Operations other
than CAT

Operations
requiring specific
approvals

Third Country
Operators

AMC and GM



The European Framework

Basic Regulation 216/2008

Personnel

Annex I
Part-FCL

Annex II
Part-Medical

Annex III
Acceptance of
licences & med.
certificates

Annex IV
Conversion of
national licences

Annex V
Part Cabin Crew

Organisation Requirements

General
Requirements

Management
System

Air Operations

Approved Training
Organisations

Aeromedical
Centres

Authority Requirements

General
Requirements

Approved
Training
Organisations

Flight Crew
Licensing

Cabin Crew

Aero-medical
Centres

Medical
Certification

Air Operations

Air Operations

General Operating
and Flight Rules

Commercial Air
Transport

Commercial
Operations other
than CAT

Operations
requiring specific
approvals

Third Country
Operators

AMC and GM



The European Framework

Basic Regulation 216/2008

Personnel

Annex I
Part-FCL

Annex II
Part-Medical

Annex III
Acceptance of
licences & med.
certificates

Annex IV
Conversion of
national licences

Annex V
Part Cabin Crew

Organisation Requirements

General
Requirements

Management
System

Air Operations

Approved Training
Organisations

Aeromedical
Centres

Authority Requirements

General
Requirements

Approved
Training
Organisations

Flight Crew
Licensing

Cabin Crew

Aero-medical
Centres

Medical
Certification

Air Operations

Air Operations

General Operating
and Flight Rules

Commercial Air
Transport

Commercial
Operations other
than CAT

Operations
requiring specific
approvals

Third Country
Operators

AMC and GM



The European Framework

Basic Regulation 216/2008

Personnel

Annex I
Part-FCL

Annex II
Part-Medical

Annex III
Acceptance of
licences & med.
certificates

Annex IV
Conversion of
national licences

Annex V
Part Cabin Crew

Organisation Requirements

General
Requirements

Management
System

Air Operations

Approved Training
Organisations

Aeromedical
Centres

Authority Requirements

General
Requirements

Approved
Training
Organisations

Flight Crew
Licensing

Cabin Crew

Aero-medical
Centres

Medical
Certification

Air Operations

Air Operations

General Operating
and Flight Rules

Commercial Air
Transport

Commercial
Operations other
than CAT

Operations
requiring specific
approvals

Third Country
Operators

AMC and GM



The European Framework

Basic Regulation 216/2008

Personnel

Annex I
Part-FCL

Annex II
Part-Medical

Annex III
Acceptance of
licences & med.
certificates

Annex IV
Conversion of
national licences

Annex V
Part Cabin Crew

Organisation Requirements

General
Requirements

Management
System

Air Operations

Approved Training
Organisations

Aeromedical
Centres

Authority Requirements

General
Requirements

Approved
Training
Organisations

Flight Crew
Licensing

Cabin Crew

Aero-medical
Centres

Medical
Certification

Air Operations

Air Operations

General Operating
and Flight Rules

Commercial Air
Transport

Commercial
Operations other
than CAT

Operations
requiring specific
approvals

Third Country
Operators

AMC and GM



The European Framework

Basic Regulation 216/2008

Personnel

Annex I
Part-FCL

Annex II
Part-MedC

Annex III
Acceptance
licences &
certificat

Annex IV
Conversion
national licenc

Annex V
Part Cabin Crew

Organisation Requirements

- General Requirements
- Manuals Logs and Records
- Air Operator Declaration
- Air Operator Certification
- Flight Crew
- Cabin Crew
- Technical Crew
- FTL
- Security

Authority Requirements

General
Requirements

Approved
Training
Organisations

Flight Crew
licensing

Cabin Crew

Pro-medical
Centres

Medical
Certification

Air Operations

Air Operations

General Operating
and Flight Rules

Commercial Air
Transport

Commercial
Operations other
than CAT

Operations
requiring specific
approvals

Third Country
Operators

AMC and GM



European Aviation Safety Agency

Part Organisation Requirements

Basic Regulation

Organisation Requirements Cover Regulation

Annex I Part-OR

OR.GEN*
General
Requirements

OR.MS*
Management
System

OR.OPS
Air
Operations

OR.ATO*
Approved
Training
Organisations

OR.AC*
Aeromedical
Centres

AMC and GM to Part-OR

* Contained in NPA 2008-22, published 31 October 2008



Part Organisation Requirements

Basic Regulation

Organisation Requirements Cover Regulation

A

OR.GEN*
General
Requirements

OR.MS*
Management
System

- General Requirements
- Manuals Logs and Records
- Air Operator Declaration
- Air Operator Certification
- Flight Crew
- Cabin Crew
- Technical Crew
- FTL
- Security

OR.AC*
Aeromedical
Centres

* Contained in NPA 2008-22, published on 11/11/2008



Part Organisation Requirements

OR.GEN
General
Requirements

OR.MS
Management
System

OR.OPS
Air
Operations

OR.ATO
Approved
Training
Organisations

OR.AC
Aeromedical
Centres



- **General Requirements**
- **Manuals Logs and Records**
- **Air Operator Declaration**
- **Air Operator Certification**
- **Flight Crew**
- **Cabin Crew**
- **Technical Crew**
- **FTL**
- **Security**



European Aviation Safety Agency

Part Organisation Requirements

Part Organisation
Requirements (OR)

Subpart OPS
Air Operations

Your guide
through the future rules





Part Organisation Requirements

Section I – General Requirements (OR.OPS.xxx.GEN)

OR.OPS.005.GEN – SCOPE

OR.OPS.010.GEN – DEFINITIONS

OR.OPS.100.GEN – OPERATOR RESPONSIBILITIES

**OR.OPS.105.GEN – AIRCRAFT USED IN COMMERCIAL
AND NON-COMMERCIAL OPERATIONS**



Part Organisation Requirements

Section I – General Requirements (OR.OPS.xxx.GEN)

OR.OPS.005.GEN – SCOPE

OR.OPS.010

IONS

- (a) Conducting non-commercial operations with complex motor-powered aircraft*
- (b) To qualify for the issue or continuation of an air operator certificate to conduct commercial operations*

ES

SIAL

ERONE OPERATIONS



Part Organisation Requirements

Section I – General Requirements (OR.OPS.xxx.GEN)

OR.OPS.005.GEN – SCOPE

OR.OPS.010.GEN – DEFINITIONS

OR.OPS.100.GEN – OPERATIONAL RESPONSIBILITIES

- (a) *'Code share'*
- (b) *'Flight Data Monitoring'*
- (c) *'Rectification Interval'*



Part Organisation Requirements

Section I – General Requirements (OR.OPS.xxx.GEN)

OR.OPS.005.GEN – SCOPE

OR.OPS.010.GEN – DEFINITIONS

OR.OPS.100.GEN – OPERATOR RESPONSIBILITIES

OR.C

Operator responsibility for operation, system of operational control, aircraft equipped & crews qualified, procedures & instruction for safe operation, checklist system, training of crews and personnel to recognize DG



Part Organisation Requirements

Section I – General Requirements (OR.OPS.xxx.GEN)

Commercial OpsSpecs shall contain endorsement & OpsManual shall contain supplement for non-commercial operations

The diagram shows a large light blue thought bubble with a black outline. Three red lines connect the top-left corner of the bubble to the 'Section I' box. A red arrow points from the bottom-left of the bubble to the 'OR.OPS.105.GEN' box. To the right of the bubble, a red box contains the text 'ITIES'.

OR.OPS.105.GEN – AIRCRAFT USED IN COMMERCIAL AND NON-COMMERCIAL OPERATIONS



Part Organisation Requirements

Section II – Manuals, Logs and Records (OR.OPS.xxx.MLR)

OR.OPS.015.MLR – OPS MANUAL

OR.OPS.020.MLR – MEL

OR.OPS.025.MLR – OPERATIONAL FLIGHT PLAN *

OR.OPS.030.MLR – INFORMATION RETAINED
ON THE GROUND *

OR.OPS.220.MLR – RECORD KEEPING

* Commercial Air Transport



Part Organisation Requirements

Section II – Manuals, Logs and Records (OR.OPS.xxx.MLR)

OR.OPS.015.MLR – OPS MANUAL

OR.OPS.020.MLR

Establish OpsManual, content, amendments & revisions, personnel access to relevant parts & information of changes, format, approval by competent authority for AOC holders, procedure for minor amendments

OR.OPS.220.MLR – RECORD KEEPING

* Commercial Air Transport



Part Organisation Requirements

Section II – Manuals, Logs and Records (OR.OPS.xxx.MLR)

OR.OPS.015.MLR – OPS MANUAL

OR.OPS.020.MLR – MEL

OR.OPS.025.MLR – OPS OUT PLAN *

MEL based on MMEL, approved by CA, amended IAW MMEL, contents, rectification intervals & procedure for extension of RI, operator to publish ops & maintenance procedures re. MEL



Part Organisation Requirements

Section II – Manuals, Logs and Records (OR.OPS.xxx.MLR)

OR.OPS.015.MLR – OPS MANUAL

OR.OPS.020.MLR – MEL

OR.OPS.025.MLR – OPERATIONAL FLIGHT PLAN *

OR.OPS.030.MLR – INFORMATION RETAINED
*Operational flight plan (comm), except day
VFR flights with:*

OR.OPS.220.MLR – RECORD KEEPING
*- non-complex aeroplanes on A-A flights
- non-complex hel within a local area
- non motor-powered acft*

Commercial Air Transport



Part Organisation Requirements

Section II – Manuals

OR.OPS.001.MLR (OR.OPS.xxx.MLR)

Relevant information to be preserved on the ground for duration of flight, except on day VFR flights with:

- hel with pax seating <9, local area*
- non-complex helicopters*
- non motor-powered aircraft*

OR.OPS.002.MLR – OPERATIONAL FLIGHT PLAN *

OR.OPS.030.MLR – INFORMATION RETAINED ON THE GROUND *

OR.OPS.220.MLR – RECORD KEEPING

* Commercial Air Transport



Part Organisation Requirements

Section II – Manuals, Logs and Records (OR.OPS.xxx.MLR)

OR.OPS.015.MLR – OPS MANUAL

Storage of records regarding:

- activities referred to in OR.GEN.200;*
- declarations;*
- flight preparation, execution & reports;*
- personnel records*

ON THE GROUND *

OR.OPS.220.MLR – RECORD KEEPING

* Commercial Air Transport



European Aviation Safety Agency

Part Organisation Requirements

Section III – Air Operator Declaration (OR.OPS.xxx.DEC)



```
graph TD; A[Section III – Air Operator Declaration (OR.OPS.xxx.DEC)] --> B[OR.OPS.040.DEC – DECLARATIONS]; A --> C[OR.OPS.041.DEC – CONTENT OF THE DECLARATION];
```

OR.OPS.040.DEC – DECLARATIONS

OR.OPS.041.DEC – CONTENT OF THE DECLARATION



European Aviation Safety Agency

Part Organisation Requirements

Section III – Air Operator Declaration (OR.OPS.xxx.DEC)

OR.OPS.040.DEC – DECLARATIONS

OR.OPS.040.DEC

DECLARATION

Non-commercial operation of complex motor-powered aircraft:

- Operator (or managing organisation) shall declare capabilities and means to CA;***
- Operational control by operator (or managing organisation)***



European Aviation Safety Agency

Part Organisation Requirements

Section

Operator name/address; CAMO; main base; details of operation; aircraft details; approvals; description of management system; compliance statements; etc

OR.OPS.041.DEC – CONTENT OF THE DECLARATION



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

OR.OPS.015.AOC – AOC APPLICATION

OR.OPS.020.AOC – OPS SPECS & PRIVILEGES

OR.OPS.025.AOC – CHANGES

OR.OPS.030.AOC – LEASING

OR.OPS.035.AOC – CODE SHARE ARRANGEMENTS



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

OR.OPS.015.AOC – AOC APPLICATION

OR.OPS.020.AOC – CARRIERS & PRIVILEGES

- requirement of AOC approval by CA for commercial ops;*
- details required for AOC approval;*
- compliance details*

OR.OPS.001.AOC – GENERAL ARRANGEMENTS



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

OR.OPS.015.AOC – AOC APPLICATION

OR.OPS.020.AOC – OPS SPECS & PRIVILEGES

OR.OPS.025.AOC

- Privileges of the operator contained in Operations Specifications to the AOC;*
- OpsSpecs may contain specific approvals, as required*



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

OR.OPS.015.AOC – AOC APPLICATION

OR.OPS.020.AOC – OPS SPECS & PRIVILEGES

OR.OPS.025.AOC – CHANGES

OR.OPS.030.AOC – LEASING

Requirement to provide the CA with relevant parts of Ops & Org Manual in the case of an amendment to the AOC



Part Organisation Requirements

Section IV

-Lease-in agreements subject to prior authorisation by CA
-Wet lease-in: lessor shall hold authorisation as third country operator (OPS.TCO) and all applicable requirements are met

25.AOC – CHANGES

OR.OPS.030.AOC – LEASING

OR.OPS.035.AOC – CODE SHARE ARRANGEMENTS



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

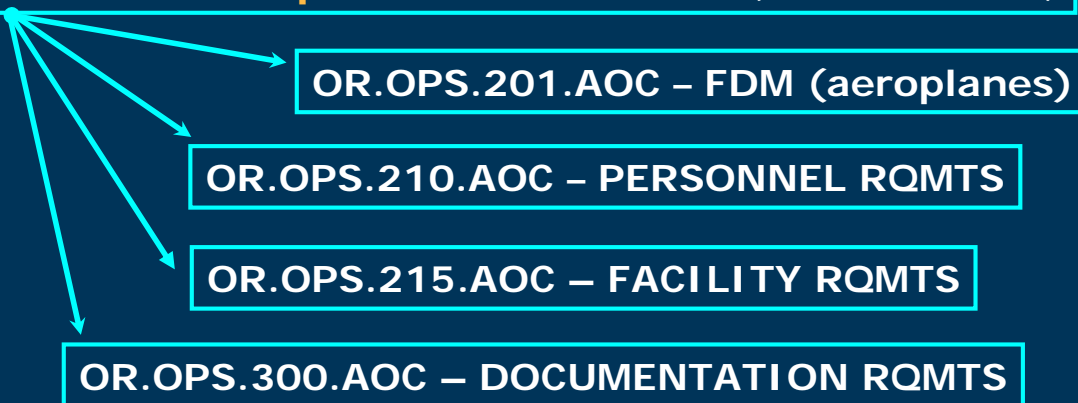
-
- The diagram illustrates the regulatory context of the requirements. A central light blue cloud contains three specific requirements. Three red arrows originate from the left side of the cloud and point to three separate red-bordered boxes: 'Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)' at the top, 'OR.OPS.035.AOC – CODE SHARE ARRANGEMENTS' at the bottom, and a partially visible box on the right containing the text 'APPLICATION' and 'ES'. A fourth red arrow points from the bottom of the cloud to the bottom box.
- *Code-share arrangement subject to prior authorisation of the CA;*
 - *third country operator shall hold authorisation (OPS.TCO);*
 - *Community operator shall conduct audits*

OR.OPS.035.AOC – CODE SHARE ARRANGEMENTS



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)





Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

OR.OPS.201.AOC – FDM (aeroplanes)

OR.OPS.210.AOC – FDM (aeroplanes) – FDM RQMTS

-FDM system for aeroplanes with a max certificated t/o mass >27,000 kg, integrated in the management system
-Non-punitive & protect the source(s) of the data



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

OR.OPS.201.AOC – FDM (aeroplanes)

OR.OPS.210.AOC – PERSONNEL RQMTS

OR.OPS.215.AOC – PERSONNEL RQMTS

- Nomination of personnel for management & supervision;*
- Adequacy & competency of staff;*
- Supervision of staff*



Part Organisation Requirements

Section IV – Air Operator Certificate (OR.OPS.xxx.AOC)

OR.OPS.201.AOC – FDM (aeroplanes)

OR.OPS.210.AOC – PERSONNEL RQMTS

OR.OPS.215.AOC – FACILITY RQMTS

OR.OPS.300.AOC – DOCUMENTATION RQMTS

- *Appropriate ground handling facilities;*
- *Operational support facilities at the main operating base;*
- *Sufficient working space*



Part Organisation Requirements

Section IV

- Operator shall produce manuals and other documentation required;*
- Operator shall be capable of distributing operational instructions and other information, without delay*

5.AOC – FACILITY RQMTS

OR.OPS.300.AOC – DOCUMENTATION RQMTS



European Aviation Safety Agency

Part Organisation Requirements

Section V – Flight Crew (OR.OPS.xxx.FC)

Chapter 1 – General

Chapter 2 – Additional Requirements for Commercial Air Transport

Chapter 3 – Additional Requirements for Commercial OPS other than CAT



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.015.FC – COMPOSITION OF FC

OR.OPS.020.FC – CRM TRAINING

OR.OPS.025.FC – CONVERSION TRAINING

OR.OPS.030.FC – DIFFERENCES & FAMILIARISATION
TRAINING

OR.OPS.035.FC – NOMINATION AS PIC



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.015.FC – COMPOSITION OF FC

OR.OPS.020.FC – CREW RESOURCE MANAGEMENT

- Composition and number of FC no less than in AFM or any prescribed operating limitations; additional FC when required; not less than as specified in Ops Manual; one pilot designated as PIC

OR.OPS.025.FC – MINIMUM CREW REQUIREMENTS



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.015.FC – COMPOSITION OF FC

OR.OPS.020.FC – CRM TRAINING

OR.OPS.025.FC – CRM TRAINING

- No FC shall act in multi-crew environment without CRM training IAW Ops Manual;
- CRM elements shall be included in conversion & recurrent training & command course



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.015.FC – COMPOSITION OF FC

OR.OPS.020.FC – CRM TRAINING

OR.OPS.025.FC – CONVERSION TRAINING

OR.OPS.030.FC – TYPE RATING COURSE

- *Type or class rating course IAW Part-FCL*
- *Operator's conversion course*
- *Conversion training by suitably qualified person*
- *Training to include all installed equipment*



Part Organisation Requirements

Section V

- Differences or familiarisation training requirements*
- Specification in the Ops Manual*

25.FC – CONVERSION TRAINING

OR.OPS.030.FC – DIFFERENCES & FAMILIARISATION TRAINING

OR.OPS.035.FC – NOMINATION AS PIC



Part Organisation Requirements

Section V – Flight Crew – General

- *Minimum level of experience;*
- *Command course for multi-crew ops;*
- *Knowledge of route/area, aerodromes, facilities and procedures (12 month recency for commercial ops)*

COMPLETION OF FC

TRAINING & FAMILIARISATION

OR.OPS.035.FC – NOMINATION AS PIC



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.040.FC – RECURRENT TRAINING

OR.OPS.045.FC – QUAL. IN EITHER SEAT

OR.OPS.050.FC – OPERATION ON MORE
THAN ONE TYPE OR VARIANT

OR.OPS.055.FC – SYSTEM PANEL OPERATOR

OR.OPS.060.FC – TRAINING RECORDS



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.040.FC – RECURRENT TRAINING

OR.OPS.045.FC – QUALIFIED PILOT SEAT

- Annual recurrent acft flt & gnd training;
- Recurrent training programme in Ops Manual;
- Qualified personnel (acft & sim qualified IAW Part-FCL)

OR.OPS.005



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.040.FC – RECURRENT TRAINING

OR.OPS.045.FC – QUAL. IN EITHER SEAT

OR.OPS.050.FC – OPER. IN MORE THAN ONE PILOT PLANT

- Appropriate training and checking for a pilot assigned to operate in either pilot's seat



Part Organisation Requirements

FC to comply with all requirements for each type or variant; Credits in accordance with Operational Suitability Certificate (OSC); procedures/restrictions contained in the Ops Manual

OR. OPS.040.FC – QUAL. IN EITHER SEAT

OR.OPS.050.FC – OPERATION ON MORE THAN ONE TYPE OR VARIANT

OR.OPS.055.FC – SYSTEM PANEL OPERATOR

OR.OPS.060.FC – TRAINING RECORDS



Part Organisation Requirements

Section V – Flight Crew

When a separate system panel operator's station is incorporated in the design, the FC shall include a crew member qualified IAW applicable national rules

FOR MORE THAN ONE TYPE OR VARIANT

OR.OPS.055.FC – SYSTEM PANEL OPERATOR

OR.OPS.060.FC – TRAINING RECORDS



Part Organisation Requirements

Section V – Flight Crew – General

OR.OPS.060.FC – TRAINING

Operator shall maintain records of all training, checking and qualification; and make the records of all conversion courses, and recurrent trng and checking available to the FC member

ANT

OR.OPS.060.FC – SYSTEM PANEL OPERATOR

OR.OPS.060.FC – TRAINING RECORDS



Part Organisation Requirements

Section V – Flight Crew – CAT

OR.OPS.115.FC – COMPOSITION OF FC

OR.OPS.120.FC – INITIAL OPERATOR'S
CRM TRAINING

OR.OPS.125.FC – OPERATOR'S CONVERSION
TRAINING AND CHECKING

OR.OPS.126.FC – CONVERSION TRAINING & CHECKING
(aeroplanes)



Part Organisation Requirements

Section V – Flight Crew – CAT

OR.OPS.115.FC – COMPOSITION OF FC

OR.OPS.120.FC – INITIALISATION OF PILOT'S

Detailed requirements re. inexperienced FC, operation under IFR or at night, etc.

CHECKING



Part Organisation Requirements

Section V – Flight Crew – CAT

OR.OPS.115.FC – COMPOSITION OF FC

OR.OPS.120.FC – INITIAL OPERATOR'S
CRM TRAINING

OR.OPS.125.FC – OPERATOR'S CRM TRAINING

- completed before unsupervised line flying;*
- by qualified CRM trainer;*
- course syllabus in Ops Manual*



Part Organisation Requirements

Section

- *CRM integrated in conversion course;*
- *course syllabus in Ops Manual;*
- *detailed requirements re. training and checking, etc.*

CRM TRAINING

OR.OPS.125.FC – OPERATOR'S CONVERSION
TRAINING AND CHECKING

OR.OPS.126.FC – CONVERSION TRAINING & CHECKING
(aeroplanes)



Part Organisation Requirements

Section V – Flight Crew – CAT

Requirements for pilots who have undertaken a ZFTT course

ON
TRAINING AND CHECKING

**OR.OPS.126.FC – CONVERSION TRAINING & CHECKING
(aeroplanes)**



Part Organisation Requirements

Section V – Flight Crew – CAT

OR.OPS.135.FC – NOMINATION AS PIC

OR.OPS.140.FC – RECURRENT TRAINING
& CHECKING

OR.OPS.150.FC – OPERATION ON MORE THAN
ONE TYPE OR VARIANT



Part Organisation Requirements

Section V – Flight Crew – CAT

OR.OPS.135.FC – NOMINATION AS PIC

OR.OPS.140.FC – RECURRING TRAINING

*Command course shall include FSTD trng,
LOFT or flying trng; operator prof check;
PIC responsibilities; line training under
supervision, line check, CRM elements*



Part Organisation Requirements

Section V – Flight Crew – CAT

OR.OPS.135.FC – NOMINATION AS PIC

OR.OPS.140.FC – RECURRENT TRAINING
& CHECKING

OR.OPS.150.FC – OPERATOR PROF CHECK MORE THAN

Detailed requirements on recurrent training and checking; operator prof check; line check; emergency and safety equipment training and checking, etc.



Part Organisation Requirements

Section

Operation of both aeroplane and helicopter limited to one type each; Ops Manual to address FC experience level, experience requirements to begin training for OTV, recent experience requirements for OTV

TRAINING
& CHECKING

OR.OPS.150.FC – OPERATION ON MORE THAN ONE TYPE OR VARIANT



European Aviation Safety Agency

Part Organisation Requirements

Section V – Flight Crew – Commercial Operations other than CAT



**OR.OPS.240.FC – RECURRENT TRAINING
& CHECKING**



Part Organisation Requirements

Section V – Flight Crew – Commercial Operations other than CAT



OR.OPS.240.FC – RECURRENT TRAINING
& CHECKING

- 
- *Annual Operator Prof Check;*
 - *Qualified personnel (acft & sim qualified IAW Part-FCL)*



European Aviation Safety Agency

Part Organisation Requirements

Section VI – Cabin Crew (OR.OPS.xxx.CC)

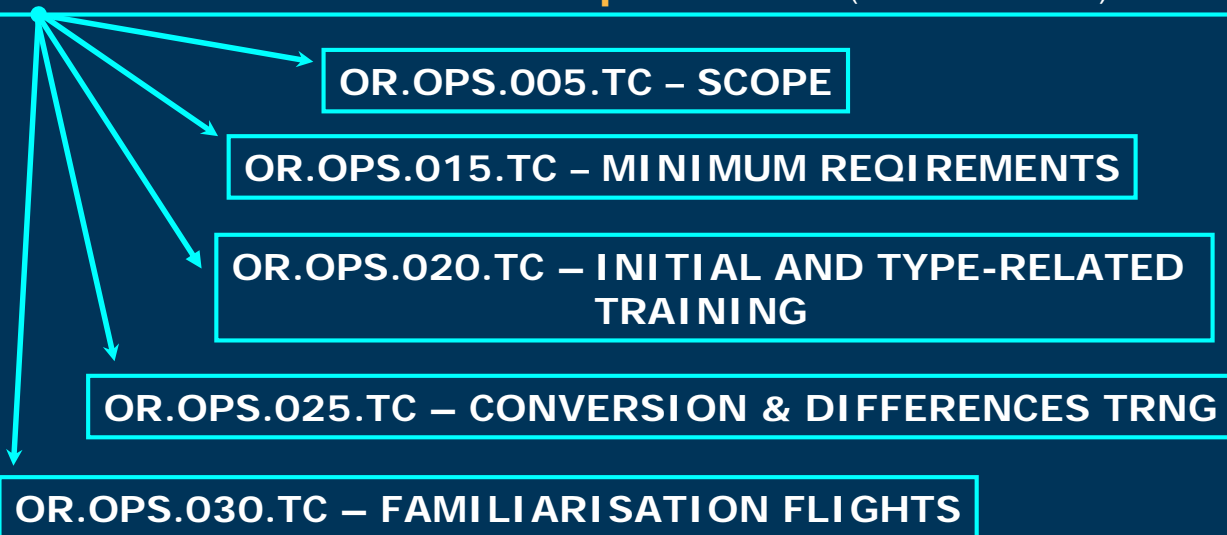


See separate presentation



Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)





Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)

OR.OPS.005.TC – SCOPE

OR.OPS.015.TC – MINIMUM REQUIREMENTS

- Technical Crew Members in HEMS, HHO or NVIS operations; assigned by the operator for the purpose of assisting the pilot, incl. operation of specialised on-board equipment

OR.OPS.020.TC – TECHNICAL FLIGHTS



Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)

OR.OPS.005.TC – SCOPE

OR.OPS.015.TC – MINIMUM REQUIREMENTS

OR.OPS.020.TC – INITIAL TYPE RELATED

- Minimum 18 years;*
- Fit to safely perform assigned duties and responsibilities;*
- Periodically assessed for medical fitness*



Part Organisation Requirements

*Initial training, incl. relevant CRM elements;
type-related training on safety & survival
equipment, normal & abnormal procedures,
on-board equipment for specialised task*

OR.OPS.020.TC – MINIMUM REQUIREMENTS

OR.OPS.020.TC – INITIAL AND TYPE-RELATED
TRAINING

OR.OPS.025.TC – CONVERSION & DIFFERENCES TRNG

OR.OPS.030.TC – FAMILIARISATION FLIGHTS



Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and ... (TC)

Initial training, incl. relevant CRM elements; type-related training on safety & survival equipment, normal & abnormal procedures, on-board equipment for specialised task

AND TYPE-RELATED
TRAINING

OR.OPS.025.TC – CONVERSION & DIFFERENCES TRNG

OR.OPS.030.TC – FAMILIARISATION FLIGHTS



Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)

Familiarisation flights following type-related or conversion training prior to operating as a technical crew member

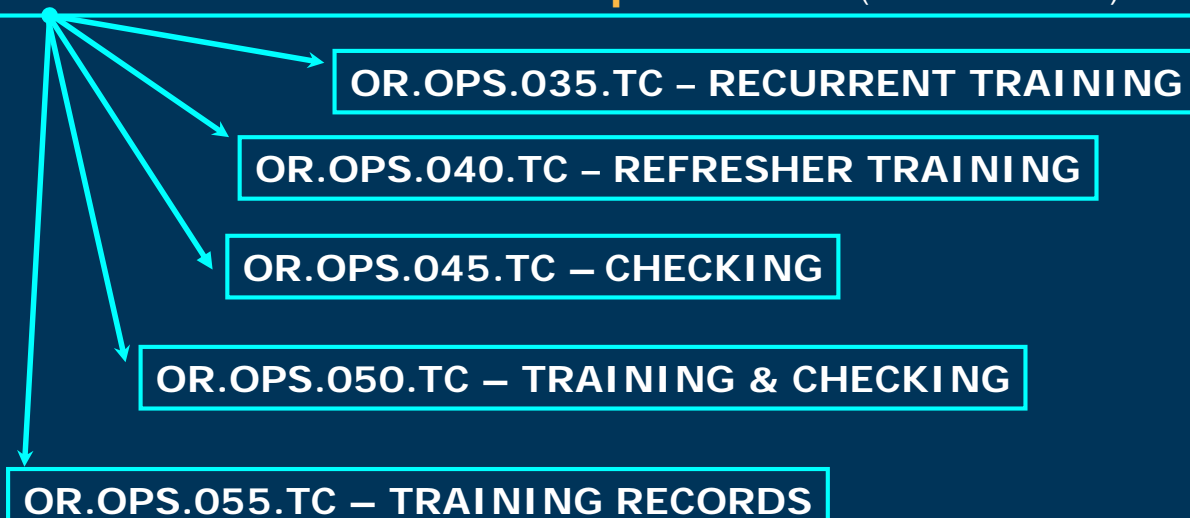
OR.OPS.030.TC – CONVERSION & DIFFERENCES TRNG

OR.OPS.030.TC – FAMILIARISATION FLIGHTS



Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)





Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)

OR.OPS.035.TC – RECURRENT TRAINING

OR.OPS.040.TC – REFRESHING TRAINING

Annual recurrent training relevant to type of aircraft and equipment; including theoretical and practical instruction and practice

OR.OPS.035.TC



Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)

OR.OPS.035.TC – RECURRENT TRAINING

OR.OPS.040.TC – REFRESHER TRAINING

OR.OPS.045.TC – CHECK

Refresher training relevant to type of aircraft and equipment, if not undertaken duties in the previous 6 months



Part Organisation Requirements

Section

Following completion of training, each TC shall undergo a check to demonstrate proficiency in normal & emergency procedures

OR.OPS.045.TC – REFRESHER TRAINING

OR.OPS.045.TC – CHECKING

OR.OPS.050.TC – TRAINING & CHECKING

OR.OPS.055.TC – TRAINING RECORDS



Part Organisation Requirements

Section VII – Technical Requirements for Member in HEMS, HHO

Training and checking shall be conducted by appropriately qualified persons

OR.OPS.050.TC – CHECKING

OR.OPS.050.TC – TRAINING & CHECKING

OR.OPS.055.TC – TRAINING RECORDS



Part Organisation Requirements

Section VII – Technical Crew Member in HEMS, HHO and NVIS Operations (OR.OPS.xxx.TC)

The operator shall maintain records of all training, checking and qualification; and make the records of all training and checking available to the TC member

OR.OPS.055.TC – TRAINING RECORDS



European Aviation Safety Agency

Part Organisation Requirements

Section VIII – Flight and Duty Time Limitations and Rest Requirements (OR.OPS.xxx.FTL)



See separate presentation



Part Organisation Requirements

Section IX – Security (OR.OPS.xxx.SEC)

**OR.OPS.001.SEC – DISRUPTIVE PASSENGER
BEHAVIOUR**

OR.OPS.005.SEC – SECURITY PROGRAMME

OR.OPS.010.SEC – SECURITY TRAINING PROGRAMME



Part Organisation Requirements

Section IX – Security (OR.OPS.xxx.SEC)

OR.OPS.001.SEC – DISRUPTIVE PASSENGER BEHAVIOUR

OR.OPS.005.SEC – SECURITY MEASURES

Commercial operators shall develop disruptive pax policy and manage safety risk; provide training and establish procedures to minimise consequences



Part Organisation Requirements

Section IX – Security (OR.OPS.xxx.SEC)

OR.OPS.001.SEC – DISRUPTIVE PASSENGER BEHAVIOUR

OR.OPS.005.SEC – SECURITY PROGRAMME

OR

AMME

Operator shall develop & implement security programme; manage security risk; establish security training programme; details to be included in Ops Manual



Part Organisation Requirements

Section IX – Security

Security training programme consistent with the operator security programme;

OR.OPS.010.SEC – SECURITY TRAINING PROGRAMME



Part Organisation Requirements

Section IX – Security (OR.OPS.xxx.SEC)

**OR.OPS.015.SEC – AIRCRAFT SEARCH
PROCEDURE CHECKLIST**

**OR.OPS.020.SEC – COCKPIT SECURITY
(aeroplanes)**

**OR.OPS.025.SEC – COCKPIT SECURITY
(helicopters)**



Part Organisation Requirements

Section IX – Security (OR.OPS.xxx.SEC)

OR.OPS.015.SEC – AIRCRAFT SEARCH
PROCEDURE CHECKLIST

OR.OPS.020.SEC – CC

*Establish checklist containing procedures
to be followed in searching for a bomb or
IED*



Part Organisation Requirements

Section IX – Security (OR.OPS.xxx.SEC)

OR.OPS.015.SEC – AIRCRAFT SEARCH
PROCEDURE CHECKLIST

OR.OPS.020.SEC – COCKPIT SECURITY
(aeroplanes)

OR

*-lockable cockpit door;
-pax carrying aeroplanes >45,500 kg or
>60 pax lockable from pilot's station,
locking & monitoring requirements*



Part Organisation Requirements

Section IX – Security

*-If installed, door on pax carrying
helicopters shall be lockable*

(airplanes)

**OR.OPS.025.SEC – COCKPIT SECURITY
(helicopters)**



European Aviation Safety Agency

The OPS NPA

- Publication is envisaged for **28 November 2008** on the EASA website

http://www.easa.europa.eu/ws_prod/r/r_npa.php

Anyone can comment!

- Please send your comments using the EASA Comment Response Tool (CRT)

<http://hub.easa.europa.eu/crt/>



**Thank you
for your attention**