



# Andrew McKechnie

EASA External Expert

Director of McKechnie Aviation LTD

[www.mckechnie-aviation.eu](http://www.mckechnie-aviation.eu)

Andrew McKechnie is a consultant in the Air Operations and Aircrew Domain and Director of McKechnie Aviation LTD. Until 2014 Andrew was Standardisation Team Leader for EASA and while he was here he started work on the AMC for flight crew training in NCC operators.

**Andrew's** background is as an Airline Training Captain and Authority Inspector. He also held a post as Head of Training in a multi-national ATO. He has an MBA from the University of Sussex, is a current Type Rating Examiner on the B737 and Synthetic Flight Instructor on the Dassault Falcon 2000.





# EASA

European Aviation Safety Agency

# Flight Crew Training Requirements for NCC Operators

Andrew McKechnie  
EASA External Expert

1 February 2017

**Your safety is our mission.**

An agency of the European Union 

TE.GEN.00409-001



# Flight Crew Training Requirements for NCC Operators





# Flight Crew Training Requirements for NCC Operators

Air Operations  
965/2012

Annex I: Definitions

Annex II: Part-ARO (authority requirements)

Annex III: Part-ORO (organisation requirements)

Annex IV: PART-CAT (commercial air transport)

Annex V: PART-SPA (specific approvals)

Annex VI: PART-NCC (non-commercial complex)

Annex VII: PART-NCO (non-commercial other)

Annex VIII: PART-SPO (specialised operations)



# Flight Crew Training Requirements for NCC Operators

Air Operations  
965/2012

Subpart GEN: General Requirements.	<b><i>ORO.GEN.</i></b>
------------------------------------	------------------------

Annex III: Part-ORO (organisation requirements)

Subpart AOC: Air Operators Certificate	<b><i>ORO.AOC.</i></b>
--	------------------------

Subpart DEC: Declaration	<b><i>ORO.DEC.</i></b>
--------------------------	------------------------

Subpart SPO: Specialised Operations	<b><i>ORO.SPO.</i></b>
-------------------------------------	------------------------

Subpart MLR: Manuals Logs and Records	<b><i>ORO.MLR.</i></b>
---------------------------------------	------------------------

Subpart SEC: Security	<b><i>ORO.SEC.</i></b>
-----------------------	------------------------

Subpart FC: Flight Crew	<b><i>ORO.FC.</i></b>
-------------------------	-----------------------

Subpart CC: Cabin Crew	<b><i>ORO.CC.</i></b>
------------------------	-----------------------

Subpart TC: Technical Crew.	<b><i>ORO.TC.</i></b>
-----------------------------	-----------------------

Subpart FTL: Flight Time Limitations	<b><i>ORO.FTL.</i></b>
--------------------------------------	------------------------



# Flight Crew Training Requirements for NCC Operators

Air Operations  
965/2012

Annex III: Part-ORO (organisation requirements)

Subpart FC: Flight Crew

***ORO.FC.***



# Flight Crew Training Requirements for NCC Operators

Air Operations  
965/2012

## Annex III: Part-ORO (organisation requirements)

### Subpart FC: Flight Crew

***ORO.FC.***

Section 1 Common Requirements	<b><i>ORO.FC.1xx</i></b>
Section 2 Commercial Air Transport Requirements	<b><i>ORO.FC.2xx</i></b>
Section 3 Specialised Operations & ORO.FC.005(b)(1) & (2)	<b><i>ORO.FC.3xx</i></b>



# Flight Crew Training Requirements for NCC Operators

Subpart FC: Flight Crew

**ORO.FC**

Section 1  
Common Requirements

**ORO.FC.1xx**

**ORO.FC.100 Composition of flight crew**

**ORO.FC.105 Designation as pilot-in-command**

**ORO.FC.115 Crew resource management (CRM) training**      *AMC1 ORO.FC.115 Crew resource management (CRM) training*

**ORO.FC.120 Operator conversion training**

**ORO.FC.125 Differences training and familiarisation training**      *AMC1 ORO.FC.125 Differences training and familiarisation training*

**ORO.FC.130 Recurrent training and checking**

**ORO.FC.135 Pilot qualification to operate in either pilot's seat**

**ORO.FC.140 Operation on more than one type or variant**

**ORO.FC.145 Provision of training**      *AMC1 ORO.FC.145 Provision of training*





# Flight Crew Training Requirements for NCC Operators

Subpart FC: Flight Crew

**ORO.FC**

Section 1

Common Requirements

**ORO.FC.1xx**

**ORO.FC.100 Composition of flight crew**

?

**ORO.FC.105 Designation as pilot-in-command**

?

ORO.FC.115 Crew resource management (CRM) training

*AMC1 ORO.FC.115 Crew resource management (CRM) training*

**ORO.FC.120 Operator conversion training**

?

ORO.FC.125 Differences training and familiarisation training

*AMC1 ORO.FC.125 Differences training and familiarisation training*

**ORO.FC.130 Recurrent training and checking**

?

**ORO.FC.135 Pilot qualification to operate in either pilot's seat**

?

**ORO.FC.140 Operation on more than one type or variant**

?

ORO.FC.145 Provision of training

*AMC1 ORO.FC.145 Provision of training*



# Flight Crew Training Requirements for NCC Operators

Subpart FC: Flight Crew

**ORO.FC**

Section 1  
Common Requirements

**ORO.FC.1xx**

New AMC should:

?

?

*AMC1 ORO.FC.115 Crew resource management (CRM) training*

?

*AMC1 ORO.FC.125 Differences training and familiarisation training*

?

?

?

*AMC1 ORO.FC.145 Provision of training*



# Flight Crew Training Requirements for NCC Operators

New AMC should:

- Be proportionate
- Adopt best practice
- Facilitate Interoperability





# EASA

European Aviation Safety Agency

# Flight Crew Training Requirements for NCC Operators

Andrew McKechnie  
EASA External Expert

1 February 2017

**Your safety is our mission.**

An agency of the European Union 

TE.GEN.00409-001



**EASA**  
European Aviation Safety Agency

**Your safety is our mission.**

An agency of the European Union 