



ENAC - Ente Nazionale per l'Aviazione Civile

ITALY

## **Conversion Report**

*i.a.w. Article 7 sub 2. of  
Commission Regulation (EU) No 965/2012*



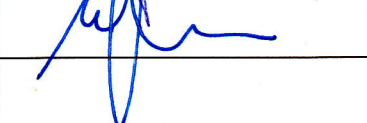
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## Report

*On the conversion of national helicopter Commercial Air Transport (CAT) Air Operator Certificates (AOCs) into AOCs compliant with Commission Regulation (EU) No 965/2012*

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## **1 Executive summary**

Article 7 sub 2. of Commission Regulation (EU) No. 965/2012, requires a Member State to establish a conversion report in consultation with the European Aviation Safety Agency (EASA). Such conversion report shall describe how the Member State intends to convert national AOCs into AOCs compliant with the aforementioned Regulation, 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.

This report contains a short summary of the helicopter industry in Italy, describing the number of operators and the types of operations they are involved in.

It further provides an overview of the national requirements on the basis of which the AOCs were issued, including the privileges given to the operators.

Besides, the report describes the differences between national requirements and those laid down in the aforementioned Regulation including its Annexes, the conversion method and the envisaged conversion timescale.

The report ends with the conditions being applied under which Italy continues to issue approvals for offshore operations and the conditions applied to allow the continued operations to/from a Public Interest Site in derogation to CAT.POL.H.225.



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### **2 Industry summary**

Helicopter CAT operations in the Republic of Italy is performed by thirty-seven (37) AOC holders issued by ENAC. All of them are Operating Licence Holders with their Licences issued i.a.w. Reg. (EC) No.1008/2008. All flights are non-schedule services both in VFR and IFR operations.

Totally 247 helicopters are operated, both small and large rotorcraft in the following kind of operations:

- A-A and A-B operations;
- Over a hostile environment located outside congested area operations;
- Operation without assured forced landing capacity;
- Off-shore operations;
- Helicopter Hoist operations;
- Helicopter emergency medical services operations;
- B-RNAV operations;
- RNP operations;
- Transport of dangerous goods;
- Operations to/from a Public Interest Site.

Types of helicopters operated within Italian AOC's are listed at para. 4 of this report.

### **3 Overview of the national requirements on the basis of which the AOCs were issued**

AOC for Italian Operators are issued in accordance with requirements of JAR-OPS3 Amdt.5; reference to the other National Documents and differences/integration to JAR-OPS3 are listed into Regolamento ENAC "Certificato di Operatore Aereo per Imprese di Trasporto Aereo", issue 8 dated 31.Oct.2011.

### **4 Scope of privileges given to operators**

#### **4.1 Types of operations**

Types of operations being conducted in terms of VFR day, VFR night, and IFR are listed in the following table. In the same are shown also the number of operators and type and number of helicopters involved.

Type of operation	Number of operators	Types of helicopter	Number of helicopter
VFR day	29	AS355	4
		AS350	94
		AS365	1
		269C	1
		SA316	1
		SA315	18
		AB412	1
		A109	7



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		R22	3
		R44	5
		EC130	3
		A119	3
		PZL-W-3AS	1
		EC120	1
		EC135	1
VFR night	2	PZL-W-3A	1
		EC135	1
IFR	16	A109	38
		EC155	1
		AB412	12
		A139	15
		BK117	16
		EC135	9
		AS365	6
Other	-	-	-
		-	-
		-	-

## 4.2 Area of operations

This section describe the areas where operations are conducted (in terms of specific geographical areas or domestic operations), including the number of operators and type and number of helicopters involved.

Area of operation	Number of operators	Types of helicopter	Number of helicopter
Domestic	4	AS350	9
		AS355	1
		SA315	1
		EC120	1
		EC130	1
		R44	1
European	32	AS355	3
		AS350	81
		A109	45
		EC155	1
		AS365	6
		269C	1
		SA315	17
		SA316	1
		AB412	13
		A139	17
		R22	3
		BK117	16
		EC135	11
		R44	4
		EC130	2



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		A119	4
		PZL W-3	2
Worldwide	-	-	-
EUR, AFI	1	A109	13
		A139	8
		AS365	1
		BK117	15
		AB412	4
EUR, AFI, MID/ASIA, CAR/SAM, ASIA/PAC	1	SA315	5
		SA316	1
		AB412	2
		A109	1

### 4.3 Special approvals

Special approvals given to operators included in the Operations Specifications are listed in the following table, including the number of operators and types and number of helicopters.

Special approvals (JAA reference)	Number of operators	Types of helicopter	Number of helicopter
Take-off operations below specified minima (E5)	-	-	-
		-	-
		-	-
Dangerous Goods (E11)	1	AB412	4
		SA315	5
		AS350	2
		A139	4
Helicopter Offshore Operations (E12)	9	AB412	10
		A139	14
		A109	24
		BK117	14
		PZL-W3	1
		AS365	1
		EC135	1
Sea Pilot Transfer (E13)	-	-	-
		-	-
		-	-
Other	-	-	-
		-	-
		-	-





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#### 4.4 Operational approvals

Special operational approvals (JAA reference)	Number of operators	Types of helicopter	Number of helicopter
Helicopter Emergency Medical Service (JAR-OPS 3.005(d)) (E15)	11	AB412	10
		A139	16
		A109	24
		BK117	16
		EC135	7
		PZL W-3	2
		AS365	3
		AS355	1
Helicopter operations over a hostile environment located outside congested area (JAR-OPS 3.005(e)) (E16)	25	A109	9
		AS355	1
		EC155	1
		AS365	4
		AS350	79
		SA315	12
		AB412	7
		A139	4
		EC130	2
		EC135	6
Operations for small helicopters (VFR day only) (JAR-OPS 3.005(f)) (E17)	12	A119	4
		SA315	9
		AS350	32
		R22	1
		R44	1
		A109	17
		A119	4
		AS355	1
		EC135	3
		EC120	1
Local area operations (VFR day only) (JAR-OPS 3.005(g)) (E18)	4	EC130	1
		AB412	10
		A139	13
		BK117	16
		AS365	1





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Helicopter Hoist Operations (HHO) (JAR-OPS 3.005(h)) (E19)	11	AB412	11
		A139	15
		A109	22
		BK117	16
		EC135	10
		PZL W-3	2
		AS365	3
Helicopter operations at a public interest site (JAR-OPS 3.005(i)) (E20)	1	AB412	4
		AB/AW139	4
Helicopter Night VFR operations with the aid of Night Vision Imaging Systems (NVIS) (JAR-OPS 3.005(j))	-	-	-
		-	-
		-	-
Operations without an Assured Safe Forced Landing Capability (JAR-OPS 3.517) (E21)	21	AB412	8
		SA315B	7
		AS350B/B2/B3	57
		AW139	2
		A119	3
		A109E	1
		AS365	1
		EC130	1
		A109	3
		EC155	1
		AS355NP	1
B-RNAV (E8)	1	AS365	1
		A109	3
RNP5 (E10)	1	AS365	1

## 5 Differences between national requirements and the Implementing Rules

Italy adopted JAR-OPS 3 for CAT Helicopter Operations on February 14, 2000. JAR OPS 3 Amdt 5 were adopted on September 16<sup>th</sup>, 2009 with some national variants as specified in the following table.



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<b>Italy - National variants to JAR-OPS3 Amdt.5</b>				
	AIR OPS reference	Subject	Details	National req vs AIR OPS
1	Section 2 of CAT.IDE (Helicopters)	All paragraphs	Instead of JAR-26 reqs recalled by JAR-OPS 3.005(b), ENAC "Regolamento Tecnico III/30/B" are currently in force	Stricter
2	CAT.IDE.H.185	CVR	Italy requires that Helicopters in CAT first issued with an individual Certificate of Airworthiness on or after 01.01.2005 which has a MTOM over 3175 Kg must be equipped with a CVR i.a.w. JAR-OPS 3.700 technical requirements and Helicopters with a MTOM of more of 3175 , but not more than 7000 Kg, first issued with an individual Certificate of Airworthiness between 1 <sup>st</sup> Jan 1987 and 31 <sup>st</sup> Jul 2004 inclusive, or a MCTOM of over 7000 kg and first issued with an individual C of A up to and including 31.12.2004, must be equipped with a CVR i.a.w. JAR-OPS 3.705 technical requirements	Stricter and less stricter
3	CAT.IDE.H.190	FDR	Italy requires that Helicopters in CAT first issued with an individual Certificate of Airworthiness on or after 01.01.2005 which has a MTOM over 3175 Kg must be equipped with a FDR i.a.w. JAR-OPS 3.715 technical requirements; or For helicopters first issued with an individual C of A on or after 1 Jan 1987, up to and including 31 Dec 2004, which has a MCTOM over 7000 kg or a MAPSC of more than 9, must be equipped with a FDR i.a.w. JAR-OPS 3.720 technical requirements	Stricter and less stricter



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4	SPA.DG.105	Approval to transport dangerous goods	For transport of radioactive and fissile materials (DG Class 7) final administrative authorisation is issued by Ministry of Economic Development in consultation with ENAC	Compatible
5	SPA.HHO.110	Equipment requirements for HHO	Several a/c certification and operational requirements as specified in regulation "Norme Operative per il Servizio Medico di Emergenza con Elicotteri" art 11.	Stricter and less stricter
6	SPA.HERMS.120	HERMS operating minima	HERMS night operations are limited only to/from sites authorised for night operation	Stricter

ENAC procedures were based on JIPs and, where applicable, common to JAR OPS1. JAA TGLs were adopted as AMC/GM material.

Comparison table between Reg. 965/2012 and JAR OPS3 Amdt 5 is published by EASA.

NOTE: None of the above mentioned national variants will be maintained after the opt out period.

## 6 Conversion method

The conversion method is based on the following key elements:

- a) compliance with JAR OPS 3 Amdt 5 shall be ensured until issuance of the new AOC;
- b) meantime, on the basis of the tables in paragraph 4 and 5 and the "comparison table" published by EASA, Operators shall apply project management techniques and assess differences between Reg. (EU) 965/2012 and
  - 1) JAR OPS 3 Amdt 5, or/and
  - 2) national variants
- c) a transition plan shall be presented by individual Operators and agreed with ENAC;
- d) a detailed compliance report signed by the Operator's Compliance Monitoring Manager shall be sent to ENAC as part of the transition plan;
- e) ENAC will replace AOCs by merging evidences from the oversight of point a) with the results of the analysis related to points b) through d).



## **Report on the conversion of national helicopter Commercial Air Transport (CAT) Air Operator Certificates (AOCs) into AOCs compliant with Commission Regulation (EU) No 965/2012**

ENAC issued an Information Notice (NI-2012-014 of Oct 31, 2012) to describe the conversion method. A specific workshop dedicated to helicopter operators was held in July 2013.

Based on the progress of the transition process and of the related ENAC workload, the "due date" of 28 July 2014 has been established as the date beyond which the issuance of the new AOC, for Operators applying to ENAC after the above mentioned "due date", could not be ensured within the opt out period (28 October 2014).

Information Notice and workshop material are available on ENAC website.

## **7 Conversion timescale**

Reg. (UE) 965/2012 (CAT/RAMP) implementation programme in Italy:

Task to perform	Start-end dates
Regulation review	24.10.2012 - 31.03.2013
Adjust IT tools & new procedures	24.10.2012 - 30.06.2014
Training	31.01.2013 - 30.06.2014
Helicopter AOCs Conversion	01.09.2013 - 28.10.2014
Initial AOCs	28.04.2014 – on
RAMP Inspections	28.10.2014 – on

## **8 (Reserved)**

## **9 Operations to/from a Public Interest Site**

Italy decided to continue to uphold a derogation from CAT.POL.H.225 whenever the size of the PIS, the obstacle environment or the helicopter do not permit compliance with the requirements for operation in performance class 1.

Conditions are those prescribed in Appendix 1 to JAR-OPS 3.005(i), in "Regolamento Norme operative per il servizio medico di emergenza con elicotteri" ed. 4 dated 15.12.2009 (art.5) and "Circolare ENAC OPV-18A" dated 9.Oct.2008 (para. 6).

Types and number of helicopters involved in operations to/from Public Interest Sites:

TYPE	N.
AB/AW 139	4
AB 412	4
A109E	2
AW 109S	4

The list of Public Interest Sites is attached to this report.



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**Attachment A: Copies of documentation to demonstrate the elements as set out in the report**

Operations Specifications attached to AOC of Helicopters Operators are available and will be sent on request.

**Attachment B: Copies of the relevant national requirements**

"Regolamento Certificato di Operatore Aereo per Imprese di trasporto aereo"

[http://www.enac.gov.it/repository/ContentManagement/information/N1372912314/Reg\\_COA\\_ed8\\_accessible.pdf](http://www.enac.gov.it/repository/ContentManagement/information/N1372912314/Reg_COA_ed8_accessible.pdf)

"Regolamento Trasporto Aereo delle merci pericolose"

[http://www.enac.gov.it/repository/ContentManagement/information/P1500635429/Reg\\_Merci\\_pericolose\\_ed1\\_accessible.pdf](http://www.enac.gov.it/repository/ContentManagement/information/P1500635429/Reg_Merci_pericolose_ed1_accessible.pdf)

"Regolamento Norme Operative per il Servizio Medico di Emergenza con Elicotteri"

[http://www.enac.gov.it/repository/ContentManagement/information/N1372912282/Reg-HEMS\\_edizione4.pdf](http://www.enac.gov.it/repository/ContentManagement/information/N1372912282/Reg-HEMS_edizione4.pdf)

"Regolamento Impiego, sui limiti dei tempi di volo e di servizio e requisiti di riposo per l'equipaggio di condotta degli elicotteri adibiti al trasporto aereo di passeggeri per collegamenti con piattaforme petrolifere, per servizio medico di emergenza e per attività di ricerca e soccorso in montagna"

[http://www.enac.gov.it/repository/ContentManagement/information/N1423098883/Reg-Equipaggio\\_elicotteri\\_Ed2.pdf](http://www.enac.gov.it/repository/ContentManagement/information/N1423098883/Reg-Equipaggio_elicotteri_Ed2.pdf)

"Circolare ENAC OPV-18A"

<http://www.enac.gov.it/repository/ContentManagement/information/P1035330771/OPV-18A.pdf>

**Attachment C: List of Public Interest Sites**