



WORKSHEET

(OPS.07) North Atlantic high level airspace (NAT HLA)

Applicant name	Applicant ARN	EAP case number	File reference
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Instructions

1. Use this worksheet for the assessment of North Atlantic high level airspace (NAT HLA) operations.
2. The assessment will be conducted by a flying operations inspector (FOI) and an airworthiness inspector (AWI). All sections below must be completed.
3. Unless otherwise stated, the legislation reference refers to the *Civil Aviation Safety Regulation 1998* (CASR).
4. The compliant column is used to record evidence that supports an assessment of *present* and *suitable* for the operation. Select a response from the drop down list. There are four available responses: **Yes** / **No** / **MI** (more information) / **N/A** (not applicable). *Yes* indicates that both present and suitable have been satisfied and the element is compliant with the rule. A '*No*' response to certain questions does not mean the application is unsuccessful, but may lead to conditions on the approval (see principle).
5. For guidance on specific aspects of each question, refer to the respective section in the principle document as identified in the principle reference column.
6. The assessment summary must be completed by all relevant parties. By selecting satisfied or not satisfied, the inspector is taken to have signed the worksheet.
7. Where required, the approval data sheet must be completed by the assigned inspectors. Regservices (RSO) will use this information to prepare approvals for the delegate.

2.0 Flight operations assessment

2.1 Aircraft equipment and capability

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.655	2.1.1 Doc 007 1.1.4 Doc 007 1.2.1 Doc 007 1.6 Doc 007 Ch 7	Does the aircraft hold an approval to operate in reduced vertical separation minimum (RVSM) airspace?		
MOS.91.11.08(3)	Doc 007 6.1.8	Has the operator supplied documented evidence that the aircraft systems meet specifications for NAT HLA?		
MOS 91.11.08(3)	2.1.2 Doc 007 1.1.3 Doc 007 1.3.4	Is the navigation system capable of RNP10 or RNP4 operations?		
91.810 MOS 91.11.08(3)	Doc 007 1.3.3 Doc 007 1.3.4 Doc 007 1.3.6	Is the aircraft fitted with 2 long range navigation systems?		
91.810 MOS 91.11.08(3)	Doc 007 1.4.1 Doc 007 4.1.1 Doc 007 4.2	If the aircraft is only fitted with 1 long range navigation system, are operations limited to Blue Spruce Routes?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.810 MOS 91.11.08(3) MOS 91.26.04	Doc 007 1.4.3	If the aircraft is only fitted with a short range navigation system, are operations limited to G3 or G11?		
91.810 MOS 91.11.08(3)	Doc 007 1.8.1 Doc 007 1.8.2	Is the aircraft fitted with: <ul style="list-style-type: none"> controller-pilot datalink communication (CPDLC)? automatic dependant surveillance – contract (ADS-C)? 		
MOS 91.11.08(3)	Doc 007 5.1.1 Doc 007 5.1.2 Doc 007 14.6.16	If operating outside VHF coverage, is the aircraft fitted with 2 long range communications systems?		
MOS 91.11.08(3)	Doc 007 5.1.22	Is the aircraft fitted with select call (SELCAL)?		
91.810 MOS 91.11.08(3) MOS 91.11.09 MOS 91.11.35	Doc 007 1.8.4 Doc 007 1.10.3	Is the aircraft fitted with future air navigation system (FANS) 1/A, or equivalent?		
91.810 MOS 91.11.08(3) MOS 91.11.09(5)	Doc 007 1.10.1 Doc 007 1.10.2 Doc 9869 App B	Has the operator provided a required communication performance (RCP) 240 statement of compliance for the aircraft?		

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Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.810 MOS 91.11.08(3) MOS 91.11.09(5)	Doc 007 1.10.1 Doc 007 1.10.2 Doc 9869 App C	Has the operator provided a required surveillance performance (RSP) 180 statement of compliance for the aircraft?		
MOS 91.11.08(3)	2.1.3 Doc 007 6.2.4	If the aircraft fitted with an electronic flight bag (EFB), does the operator hold an approval?		
119.040 119.205(1)(h) 121.360 135.325	2.1.4 Doc 007 4.2.6 Doc 007 4.2.7	Is the operator approved for polar operations?		
MOS 91.11.08(3)	2.1.5 Doc 9869 4.3.2	Has the operator established a contract with a communication service provider to support performance-based communications and surveillance (PBCS)?		

2.2 Exposition

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.095 119.040 119.205(1)(h)	Doc 007 Ch 6	Does the exposition include the following specific NAT HLA procedures:		
MOS 91.11.08(3)	Doc 007 6.2	<ul style="list-style-type: none"> flight operations and navigation procedures? 		
MOS 91.11.08(3)	Doc 007 6.3	<ul style="list-style-type: none"> general procedures? 		
MOS 91.11.08(3)	Doc 007 6.4	<ul style="list-style-type: none"> special in-flight procedures? 		
MOS 91.11.08(3)	Doc 007 6.5	<ul style="list-style-type: none"> older aircraft systems? 		
MOS 91.11.08(3)	Doc 007 6.6	<ul style="list-style-type: none"> lateral navigation performance monitoring? 		
MOS 91.11.08(3)	Doc 007 7.2	<ul style="list-style-type: none"> equipment failures? 		
MOS 91.11.08(3)	Doc 007 7.3	<ul style="list-style-type: none"> vertical navigation performance monitoring? 		
MOS 91.11.08(3)	Doc 007 Ch10	<ul style="list-style-type: none"> navigation system degradation or failure? 		
MOS 91.11.08(3)	Doc 007 Ch 11	<ul style="list-style-type: none"> special procedures for inflight contingencies? 		
MOS 91.11.08(3)	2.2.1 Doc 007 Ch 14	<ul style="list-style-type: none"> guidance to flight dispatchers? 		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
119.205(1)(h)	2.2	Does the exposition include procedures and checklists to conduct a flight through NAT HLA?		
MOS 91.11.08(3)	2.2.2 Doc 007 1.3.7 Doc 007 10.1.4 Doc 007 12.2	Has the operator established initial and recurrent training for flight crew, specific to NAT HLA operations?		
MOS 91.11.08(3)	2.2.3 Doc 007 Ch 14	Has the operator established initial and recurrent training for flight dispatchers, specific to NAT HLA operations?		

3.0 Continuing airworthiness assessment

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
91.040 119.070(1)(f) 119.205 MOS 42.1.5.7(d)	3.1	Does the operator's exposition include procedures to manage the continuing airworthiness of systems required to support operations in NAT HLA?		
MOS 91.11.08	3.2	For private operations, does the registered operator have a process to manage the continuing airworthiness of systems required to support operations in NAT HLA?		
42.155 42.1050 MOS 91.11.09 (2)	3.3 Doc 007 1.9 Doc 9869 4.5	If applicable, does the operator's reliability program monitor the aircraft navigation equipment?		
MOS 91.11.08(3)	3.3 Doc 007 1.9 Doc 9869 4.5	If the registered operator is not required to have a reliability program, does the maintenance program include a reliability section to monitor the aircraft navigation equipment?		
42.140 42.145 CAR 39 MOS 42.2.6 MOS 42.2.8 MOS 42.2.9 MOS 91.11.09 MOS 91.26.04	3.4	Does the operator's maintenance program ensure the aircraft systems are maintained and calibrated to ensure performance-based navigation (PBN) and PBCS capability?		

Legislation reference	Principle reference	Question	Compliant?	Inspector comments
42.140 CAR 39 MOS 42.2.6 MOS 42.2.8 MOS 42.2.9 MOS 91.11.09 MOS 91.26.04	3.5 Doc 007 1.10.3	Does the operator have a process for software and database management to support NAT HLA operations?		
Subpart 91Y MOS 91.26.04 MOS 91.28 MOS 121.11.35	3.6 Doc 007 14.6.19 Doc 007 14.6.20 Doc 007 14.6.21	If applicable, does the operator's MEL provide support operations in NAT HLA?		
Subpart 42.J CAR 42M	3.7	If a pre-departure procedure is required by the original equipment manufacturer (OEM) or other Part 21 approval, does the operator's exposition ensure the procedure is completed prior to operations within NAT HLA?		
CAR 214 MOS 145.A.35(e)	3.8	Has the operator established initial and recurrent training for maintenance personnel?		

Assessment summary

Applicant name		Applicant ARN		EAP case number		File reference	
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This worksheet verifies the application for operations within NAT HLA for the above-named applicant, and the aircraft listed on the approval data sheet, have been assessed in accordance with the current revision of Protocol (OPS.07).

Inspector name		Title	Flying operations inspector	Date	
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Inspector name		Title	Airworthiness inspector	Date	
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Assessment

The application for NAT HLA has been assessed in accordance with the requirements mentioned in section 11.08 of the Part 91 Manual of Standards (MOS).

Flying operations inspector

- ☐ I am satisfied that the operator meets the requirements mentioned in section 11.08 of the Part 91 MOS.
- ☐ I am not satisfied that the operator meets the requirements mentioned in section 11.08 of the Part 91 MOS.

Airworthiness Inspector

- ☐ I am satisfied that the operator meets the requirements mentioned in section 11.08 of the Part 91 MOS.
- ☐ I am not satisfied that the operator meets the requirements mentioned in section 11.08 of the Part 91 MOS.

Reason for recommendation

Approval data sheet

Applicant name		Applicant ARN		EAP case number		File reference	
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Tick the relevant boxes and insert details of the aeroplane types and associated conditions.

☐ Significant change recommendation

(1) The proposed significant change(s) to the exposition have been assessed in accordance with the requirements mentioned in paragraph 119.205(1)(m).

Inspector

- ☐ I recommend the significant change
- ☐ I do not recommend the significant change.

Exposition revision reference

Title	Version	Date	RMS reference number

Note: Regservices requires this information to create the EMAN in RMS.

☐ Requirements for flight in the NAT HLA

(1) For regulation 91.045 and section 11.08 of the Part 91 MOS, the operator can be approved to operate in NAT-HLA with the following listed aircraft:

Aircraft manufacturer	Aircraft type	Aircraft model	Serial number	Registration

(2) The approval under subsection (1) is subject to the following conditions (if required):