**APPLICATION FOR NAT HLA (MNPS) APPROVAL**

**PURPOSE AND SCOPE**

This form is designed to elicit all the required information from those operators requiring North Atlantic High Level Airspace NAT HLA (MNPS) approvals subject to the aircraft meeting appropriate navigation performance capability, the operator having the required procedures in place and flight crew suitably trained.

The completed form and supporting documents should be submitted to Civil Aviation Agency of Latvia (LV CAA) at least 30 days before the intended start date of operation at the address listed below:

Biroju iela 10, Lidosta “Rīga”, Mārupes novads, LV- 1053, Latvia

Phone: +371 67830936,

Fax: +371 67830967,

E-mail: caa@caa.gov.lv

The form consists of the following sections:

Section I Organisation/Airframe details (completion mandatory)

Section II Application Notes for completion (for reference)

Section III Specific approval applied for (completion mandatory)

Section IV Signature Block (completion mandatory)

Section V Organisation Submission Matrix (completion mandatory)

**SECTION I – OPERATOR/AIRFRAME DETAILS**

|  |
| --- |
| 1. **Applicant details** |
| Provide official name, address, mailing address, e-mail address and contact telephone/facsimile numbers.  **Click here to enter text.** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. **Aircraft details** | | | | |
| Aircraft manufacturer | Type designation | Variant designation/serial number | Registration  number | AOC number or reference to declaration |
| **Click here to enter text.** | **Click here to enter text.** | **Click here to enter text.** | **Click here to enter text.** | **Click here to enter text.** |

**SECTION II – APPLICATION NOTES FOR COMPLETION**

|  |  |
| --- | --- |
| 1. **Applicability** | |
| To obtain an NAT HLA (MNPS) approval from LV CAA, the operator shall demonstrate compliance with the appropriate requirements and criteria of Regulation (EU) 965/2012 Part-SPA Subpart C (SPA.MNPS), Subpart D (SPA.RVSM), Part-CAT Subpart D (CAT.IDE.A), NAT Doc 007, NAT SUPPS Doc 7030, ICAO Doc 9613, and ICAO Doc 4444. | |
| 1. **Operator’s submission matrix** | |
| Section V of this application form is the operator’s NAT HLA (MNPS) Compliance Submission Matrix. All applicants should complete this matrix in full. Failure to complete the submissions matrix may result in a delay in processing the application. | |
| 1. **Documents to be included with the submission** | |
| Copies of all documents referred to in the operator’s submission matrix should be included when returning the completed application form to LV CAA.  Original documents should not be sent, photocopies are sufficient. Do not send complete manuals, only the relevant sections/pages. Electronic form is preferred.  Your submission should be based on current up to date regulatory material. Failure to include all relevant documentation may result in a delay in processing the application. | |
| 1. **Submission and enquiries** | |
| Address for submission:    Civil Aviation Agency of Latvia  Airport “Rīga” 10/1, Mārupes novads, LV-1053  Phone: +371 67830936,  Fax: +371 67830967,  E-mail: caa@caa.gov.lv | Contact details for enquiries:  Civil Aviation Agency of Latvia  Aircraft Operations Division  Phone: +371 67830970  Phone: +371 67830974  E-mail: http://www.caa.lv/en/contacts |

**SECTION III – SPECIFIC APPROVAL APPLIED FOR (SPECIFY RELEVANT DATA OR NOTES)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Restricted NAT HLA** | **Click here to enter text.** |  | **Unrestricted NAT HLA** | **Click here to enter text.** |

**SECTION IV – SIGNATURE BLOCK confirming the correctness and the content of the application for NAT HLA (MNPS) approval**

|  |
| --- |
| Signature:  Name: **Click here to enter text.**  Title: **Click here to enter text.**  Date: **Click here to enter text.** |

|  |  |  |
| --- | --- | --- |
| **For LV CAA only** | | |
| Application received on: **Click here to enter text.**  Application review completed on: **Click here to enter text.** | Accepted  Rejected | Inspector’s name: **Click here to enter text.**  Inspector’s signature: |
| Inspector’s comments: Click here to enter text. | | |

**SECTION V – OPERATOR’S SUBMISSION MATRIX**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Requirements /**  **Reference** | **Main Heading** | **Expanded areas to be addressed by application** | **Sub-requirement or other document prepared by applicant** | **Operator's OM reference or Document reference** |
| SPA.GEN.105  110,115,120 | 1.0 Reference Documents  used in compiling submission:  **Click here to enter text.** | A compliance/List (Excel) statement showing how the requirements and criteria of SPA.MNPS, SPA.RVSM, CAT.IDE.A, NAT Doc 007, NAT SUPPS Doc 7030, ICAO Doc 9613, and ICAO Doc 4444 have been satisfied: **Click here to enter text.** | **Click here to enter text.** | **Click here to enter text.** |
| SPA.MNPS.105, | 2.0 Aircraft Flight Manual  (AFM) | A copy of the relevant AFM entry showing the aircraft certification requirements for the appropriate navigation specification: **Click here to enter text.** | Navigation displays, indicators and controls are visible and operable by either pilot seated at his/her duty station: **Click here to enter text.** | **Click here to enter text.** |
| CAT.IDE.A.345,  AMC1 SPA.MNPS.105,  AMC4 CAT.IDE.A.345,  GM1 CAT.IDE.A.345,  NAT Doc 007,  NAT SUPPS Doc 7030 | 3.0 Proposed routes and destinations in NAT HLA Airspace:  **Click here to enter text.** | Radio communication and navigation equipment. | Navigation Equipment installed for LRNS: **Click here to enter text.**  Long range communication systems: **Click here to enter text.**  Remaining equipment allows safe navigation in accordance with the flight plan in the event of the failure: **Click here to enter text.**    Short haul operations: **Click here to enter text.**  Alternative communication procedures: **Click here to enter text.**  Applicable airspace requirements: **Click here to enter text.** | **Click here to enter text.** |
| SPA.MNPS.105,  NAT Doc 007,  ICAO Doc 4444,  ICAO Doc 9613 | 4.0 NAT HLA Airspace Procedures: **Click here to enter text.** | Equipment to be carried, including its operating limitations and appropriate entries in the MEL: **Click here to enter text.**  Flight crew composition and experience requirements: **Click here to enter text.**  Normal procedures: **Click here to enter text.**  Contingency procedures including those specified by the authority responsible for the airspace concerned: **Click here to enter text.**  Monitoring and incident reporting: **Click here to enter text.** | Developed/revised MEL to address the equipment provisions for NAT HLA operations.  The Organized Track System (OTS).  Other Routes within NAT HLA Airspace and Route Structures adjacent to NAT HLA Airspace.    Flight planning requirements. Dispatch conditions associated with flights conducted in accordance with special approval.  Oceanic ATC Clearances.  Communications and Position Reporting procedures, Communications failure.  Operations of Transponders and Airborne Collision Avoidance Systems (ACAS).  Application of Mach number Technique.  NAT HLA Airspace Flight Operation and Navigation Procedures.  RVSM Flight procedures in NAT HLA Airspace.  ATS Surveillance services in NAT HLA Airspace.  Procedures in the event of Navigation System degradation or failure.  Special Procedures for In-flight Contingencies (e.g. procedures for use in the event that the aircraft is unable to maintain assigned altitude for weather, turbulence, aircraft performance or maintenance problems or loss of pressurization).  Check Lists for pilots operating in NAT HLA Airspace.  Guarding against complacency.  Flight Operations below the NAT HLA Airspace.  Weather conditions & considerations. | **Click here to enter text.** |
| SPA.MNPS.105,  NAT Doc 007 Chapter 11 | 5.0 Performance monitoring by the operator: **Click here to enter text.** | * Horizontal Navigation Performance monitoring. * Monitoring of Height – Keeping performance. * Monitoring of Aircraft systems and Crew performance. | Maintenance by the FC in-flight records: **Click here to enter text.** | **Click here to enter text.** |
| NAT Doc 007 Chapter 8,  AFM,  AMC1 ORO.MLR.105(d)(3),  AMC1 CAT.OP.MPA.126,  CAT.IDE.A.105 | 6.0 Operating procedures and instructions - type related: **Click here to enter text.** | Manufacturer/operator developed SOPs, taking into account the differences between types/classes, and variants of types. | General procedures.  Pre-flight procedures.  In-flight procedures.  Special in-flight procedures.  Post-flight procedures. | **Click here to enter text.** |
| Maintenance programme | 7.0 Maintenance procedures | Maintenance instructions for the on-board equipment systems have been established by the operator, in liaison with the manufacturer, and included in the operator's aircraft maintenance programme. | Aircraft technical log review procedure to ensure proper MEL procedures, deferred items, and required maintenance checks completed. | Click here to enter text. |

**NAT HLA (MNPS) Training Package**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Requirements / Reference** | **NAT HLA and RVSM operations** | **Training required:**  **Click here to enter text.** | **Training means** | **Operator's OM reference or Document reference** |
| NAT Doc 007 | Current navigation systems.  Instructions on the efficient use of equipment. | Knowledge and understanding of standard ATC phraseology used in each area of operations.  Importance of crew members cross-checking each other to ensure that ATC clearances are promptly and correctly complied with.  Use and limitations, in terms of accuracy, of standby altimeters during contingency situations. Where applicable, the pilot should review the application of Static Source Error Correction/Position Error Correction (SSEC/PEC) through the use of correction cards.  Characteristics of aircraft altitude capture systems which may lead to the occurrence of overshoots.  Relationships between the altimetry, automatic altitude control and transponder systems in normal and abnormal situations.  Aircraft operating restrictions related to airworthiness approval.  Familiarity with the recommendations to reduce oceanic errors as contained in the current version of the “Oceanic Errors Safety Bulletin” (OESB). | **Click here to enter text.** | **Click here to enter text.** |

**Risk assessment and mitigation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Change ref number/date** | **Items related to the reassessment of the management system and processes** | **Performed updates of the organisation’s management system** | **Changes to the procedures** | **Review of the operator’s OM and any other documentation** |
| **Click here to enter text.** | **Click here to enter text.** | **Click here to enter text.** | **Click here to enter text.** | **Click here to enter text.** |