***Template Instructions***

*Aircraft manufacturers use this template to prepare an ASOC for FAA acceptance. The ASOC is a document prepared and distributed by an aircraft manufacturer sourced from the Airplane Flight Manual (AFM) or AFM Supplement (AFMS). The ASOC lists the operations a make, model, and series (M/M/S) aircraft is capable of performing. An ASOC is a critical component of the Streamlined Operational Approval Process.*

*Blue text provides context and instructions for using this template to create an ASOC. Blue text should be removed from the final ASOC. Black text provides a standard format for the ASOC and should not be edited. Do not leave any fields blank in the template. If a field is not applicable, enter “N/A”, “None” or an appropriate plain language statement.*

*ASOCs should be submitted to the FAA for acceptance using the ASOC Guide which can be downloaded at* [Streamlined Part 91 Operational Approval Process | Federal Aviation Administration (faa.gov)](https://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afx/afs/afs400/afs410/part91_loa_process)

*INSERT MANUFACTUER’S NAME/LOGO*

**AIRCRAFT STATEMENT OF CAPABILITY**

**(ASOC)**

|  |  |
| --- | --- |
| **Aircraft Information** | |
| **Make:** | *Enter aircraft manufacturer name as appears in the FSB Report* |
| **Model:** | *Enter aircraft model as appears in FSB Report as TCDS Identifier* |
| **Series:** | *Enter aircraft series as appears in the FSB report if applicable* |
| **Marketing Name:** | *Enter aircraft marketing name as appears in FSB Report and any additional marketing names that may apply to the ASOC.* |

**Section 1| ASOC Validation**

***Instructions for Section 1***

*This section provides the signatures required to make this ASOC valid for use in certain FAA operational approval applications. The FAA signs the ASOC after reviewing an ASOC application provided by the aircraft manufacturer. Aircraft manufacturers sign the ASOC when providing an ASOC to an operator.*

FAA and aircraft manufacturer signatures are required to validate this ASOC.

|  |  |  |
| --- | --- | --- |
| Federal Aviation Administration (FAA) Acceptance | | |
| Name/Title: | Signature: | Date: |

*This signature indicates FAA policy experts have reviewed the aircraft AFM(S) and accept the information in this ASOC is accurate. FAA policy experts have also found the process by which an aircraft manufacturer determines aircraft conformity to the ASOC acceptable.*

|  |  |  |  |
| --- | --- | --- | --- |
| Aircraft Manufacturer Signature | | | |
| Name/Title: | Signature: | Aircraft S/N | Date: |
| This signature indicates the aircraft manufacturer is delivering the aircraft S/N listed. | | | |
| This signature indicates the aircraft manufacturer has used a process acceptable to the FAA to verify the aircraft S/N listed conforms to the ASOC. | | | |

*This ASOC is valid for 90 days after the date of the aircraft manufacturer’s signature.*

**Section 2 | Aircraft Capability**

***Instructions for Section 2***

*This section lists the LOAs for which the installed aircraft equipment meets FAA aircraft capability requirements. For Each LOA, Enter information that will help determine which S/N’s are compliant with the aircraft capability required for the LOA. If compliance is based on the installation of an STC, enter STC designation and include what document an operator can use to show proof of installation.*

This aircraft, as manufactured or modified by the listed manufacturer-approved methods, complies with FAA aircraft capability requirements for the following LOAs.

|  |  |  |
| --- | --- | --- |
| **LOA** | **Operation** | **Conditions for LOA Compliance** |
| **A056** | **Datalink FANS** | *Use plain language to describe which aircraft are complaint and if any compliance is conditional on the installation of an STC. Examples:*   * *All S/N# are compliant* * *SN# - SN# are compliant* * *Aircraft is compliant when STC# XXX is installed by the manufacturer. STC installation is verified in the manufacturer’s document XXXXXX.* * *Aircraft is NOT compliant.* |
| **A056** | **Datalink ATN** |  |
| **B036** | **RNP 2** |  |
| **B036** | **RNP 4** |  |
| **B036** | **RNP 10** |  |
| **B039** | **NAT HLA** |  |
| **B046** | **RVSM** |  |
| **B054** | **Single LRNS** |  |
| **C048** | **EFVS-to-100** |  |
| **C052** | **GNSS Approach** |  |
| **C063** | **RNAV 1 / RNP 1** |  |
| **C073** | **MDA as DA** |  |
| **D095** | **MMEL as MEL** |  |

**Section 3 | LOA Data Entry Information**

***Instructions for Section 3***

*This section provides data needed to populate the LOA templates.*

Section 3 contains aircraft equipment and capability data that should facilitate completing tables included in the applicable LOA templates.

**A056 |** DATA LINK COMMUNICATIONS

|  |  |
| --- | --- |
| **Data Link System Manufacturer** | *Enter datalink system manufacturer name* |
| **Data Link System Model** | *Enter datalink system manufacturer model name* |
| **Data Link System INTEROP Designator** | *Enter AFM-derived INTEROP designator(s)* |
| **Subnetworks** | *Enter VDL Subnetworks* |
| **CSP** | *Enter all communication service providers the equipment supports* *Note: This represents the service providers the aircraft can support. The LOA should reflect what service provider is contracted by the operator.* |
| **RCP** | *Enter AFM-derived required communication performance* |
| **RSP** | *Enter AFM-derived required surveillance performance* |

**REMARKS:** *Add any helpful remarks that will assist the inspector/operator. If there are no remarks enter “No Remarks”*

**B036 |** OCEANIC AND REMOTE CONTINENTAL NAVIGATION USING MULTIPLE LONG-RANGE NAVIGATION SYSTEMS (M-LRNS)

|  |  |
| --- | --- |
| **Long Range Navigation System (LRNS) Manufacturer** | *Enter LRNS manufacturer name* |
| **LRNS Model/HW Part #** | *Enter LRNS identification information applicable to capability* |
| **LRNS Software Part/Ver#** | *Enter LRNS Version applicable to capability* |
| **Navigation Specification(s)** | *Note: Although the aircraft may have additional capabilities, they are not authorized in the Streamlined Part 91 Operational Approval Application*  List only RNP 2, 4 or 10 as applicable. |
| **Additional Capabilities** | *Note:Although the aircraft may have additional capabilities they are not authorized in the Streamlined Part 91 Operational Approval Application* |
| **RNP Time Limit** |  |

**REMARKS:** *Add any helpful remarks that will assist the inspector/operator. If there are no remarks enter “No Remarks”*

**B054 |** OCEANIC AND REMOTE AIRSPACE NAVIGATION USING A SINGLE LONG-RANGE NAVIGATION SYSTEM

|  |  |
| --- | --- |
| **Navigation System Components M/M** | *Enter LRNS identification information applicable to capability* |
| **RNP 10 Time Limit (if applicable)** |  |

**REMARKS:** *Add any helpful remarks that will assist the inspector/operator. If there are no remarks enter “No Remarks”*

**C048 |** ENHANCED FLIGHT VISION SYSTEM (EFVS) OPERATIONS

|  |  |
| --- | --- |
| **EFVS Equipment** | *Enter Sensor Designation found in the OSR, Operational Credit for Enhanced Flight Vision Systems.* |

**REMARKS:** *Add any helpful remarks that will assist the inspector/operator. If there are no remarks enter “No Remarks”*

**C052 |** STRAIGHT-IN NONPRECISION, APV, AND CATEGORY I PRECISION APPROACH AND LANDING MINIMA—ALL AIRPORTS

|  |  |
| --- | --- |
| **Nonprecision Approach Procedures Without Vertical Guidance (LNAV and/or LP)** | *Enter LNAV and/or LP as appropriate* |
| **Approaches With Vertical Guidance (LNAV/VNAV and/or LPV)** | *Enter LNAV/VNAV or LPV as appropriate* |
| **Precision Approach Procedures (GLS)** | *Note: Although the aircraft may have GLS capabilities they are not authorized in the Streamlined Part 91 Operational Approval Application* |

**REMARKS:** *Add any helpful remarks that will assist the inspector/operator. If there are no remarks enter “No Remarks”*

**C063 |** AREA NAVIGATION (RNAV) AND REQUIRED NAVIGATION PERFORMANCE (RNP) TERMINAL OPERATIONS

|  |  |
| --- | --- |
| **Compliant RNAV System(s) and Software Manufacturer** | *Enter identification information applicable to capability* |
| **Model/HW Part #** | *Enter identification information applicable to capability* |
| **Software Part/Ver#** | *Enter identification information applicable to capability* |
| **Navigation Specification(s)** | *Note: Although the aircraft may have additional capabilities, they are not authorized in the Streamlined Part 91 Operational Approval Application*  *List only RNP 1 and RNAV 1 as applicable.* |
| **Additional Capabilities** | *Note: Although the aircraft may have additional capabilities they are not authorized in the Streamlined Part 91 Operational Approval Application* |

**REMARKS:** *Add any helpful remarks that will assist the inspector/operator. If there are no remarks enter “No Remarks”*

**C073 |** VERTICAL NAVIGATION (VNAV) INSTRUMENT APPROACH PROCEDURES (IAP) USING MINIMUM DESCENT ALTITUDE (MDA) AS A DECISION ALTITUDE (DA)/DECISION HEIGHT (DH)

|  |  |
| --- | --- |
| **Area Navigation System (Model/Version)** | *Enter identification information applicable to capability* |

**REMARKS:** *Add any helpful remarks that will assist the inspector/operator. If there are no remarks enter “No Remarks”*

**Section 4 | Flight Plan Codes**

***Instructions for Section 4***

*This section provide information that may help operators determine the correct inputs block 10a, 10b, and 18 on an international flight plan.*

This section facilitates accurate completion of a flight plan when operating internationally. See [Flight Plan Quick Guide Brochure (faa.gov)](https://www.faa.gov/sites/faa.gov/files/Flight_Plan_Brochure.pdf) for more information on flight plan code.

|  |  |
| --- | --- |
| **ICAO FLIGHT PLAN Field (10a / 10b).** | |
| **Code for Full Authorization** | *Provide codes for 10a and 10b of an international flight plan with all streamlined LOAs authorized.* |
| Notes: | |
| Removefrom **XXX** from10a and **XXX** from 10b if A056 FANS is not authorized *(Include codes applicable to A056 FANS)* | |
| Remove **J1** from(10a) if A056 ATN is not authorized | |
| Remove **X** from **(10a)** if B039 is not authorized | |
| Remove **W** from **(10a)** if B046 is not authorized | |
| Remove **B** from **(10a)** if C052 is not authorized | |

|  |  |
| --- | --- |
| **ICAO FLIGHT PLAN REMARKS for Field 18.** | |
| **Remarks for full authorization** | *Provide codes for Block 18 PBN/, NAV/, DAT/, and SUR/* |
| Notes: | |
| Remove **XXX** from field 18 if A056 FANS is not authorized *(Include codes applicable to A056 FANS)* | |
| Remove **NAV/M1M2** from field 18 when B036 RNP2 is not authorized | |
| Remove **L1** from field 18 if B036 RNP4is not authorized | |
| Remove **A1** from field 18 if B036 RNP10is not authorized | |
| Remove **O1** from field 18 if C063 is not authorized | |