FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION

PSOC

Procedures Statement of Compliance

A Guide for Submitting an Application for PSOC Acceptance

Version 4.0

NextGEN

FEDERAL AVIATION ADMINISTRATION

SECTION ONE

OVERVIEW and INSTRUCTIONS

1.1 Overview

This guide provides instructions for requesting acceptance of a Procedures Statement of Compliance (PSOC). A PSOC is an attestation that the the contents of a manual meets procedural requirements for obtaining a Letter of Authorization from the FAA. A PSOC accepted by the FAA can be used to streamline the review of the procedural requirements in an operator's application for an LOA(s).

The Flight Technologies and Procedures Division is responsible for verifying the content of the submitted manual complies with LOA requirements stated in the PSOC. The initial review may take up to 30 days. Any identified discrepancies requiring resolution must be resolved by the applicant before the Flight Technologies and Procedures Division will sign (accept) the PSOC.

1.2 Instructions

The following instructions should be use to prepare the application. This guide serves as the application when all sections are filled out and all supporting documentation is attached.

Steps	Instructions
1	Complete the general information in Section 2.
2	Attach the operating manual and complete parts of Section 3 that apply.
3	Email the completed application to the Flight Technologies and Procedures Division. The subject line of the email should read "Request for PSOC Acceptance".

1.3 Helpful Tips

Tips	Suggestions
1	Email any questions you have about the application process to the Flight Technologies and Procedures Division. Resolving any uncertainties before the application is submitted will help reduce unnecessary delays in processing.
2	To facilitate the review of the manual: Fill out Section 3 and ensure all references to locations in the master manual are accurate. In addition to the references in Section 3, use additional highlighting, markups, indexing or comments in the master manual to help the reviewing inspector locate and verify the information quickly. . Avoid referencing or highlighting material that is not listed in Section 3.

SECTION TWO

APPLICATION INFORMATION

2.1 Application Information

Date:

Point of Contact for the Application *This is the person the FAA will contact about the contents of this application*	
Name:	Phone:
Email:	
Business Name:	

Operations Manual *This is information about the manual submitted with this application*		
Title of the Operations Manual:		
Was this manual reviewed by the FAA and issued an accepted PSOC in the past?	Yes	No
Check the LOA compliance that applies to the content in the manual.		
☐	A056	Data Link Communications
☐	B036	Oceanic Required Navigation Performance (RNP)
☐	B039	Operations in North Atlantic High Level Airspace (NAT HLA)
☐	B046	Operations in Reduced Vertical Separation Minimum (RVSM) Airspace

SECTION THREE

OPERATING MANUAL

Applicants should submit their operating manual with this application. The information in this section will be used to verify the compliant information and procedures are in the submitted manual.

Check Box	Application Attachment
☐	**OPERATING MANUAL** Attach a copy of the operating manual. This should be a copy of the manual that is offered to customers or is used to create a manual that is developed for customers (master). Complete section 3.1 - 3.6 to facilitate the verification of compliance. Applications may be returned that do not include accurate references. **Note:** The submitted manual may contain highlighting or indexing intended help locate compliant content and expedite review. Please do not highlight information that is not itemized in this section.

3.1 Content - Procedures Statement of Compliance (PSOC)

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
PSOC-1	**Procedure Statement of Compliance (PSOC)** a. The PSOC must be created using the industry standard template and instructions that can be downloaded on www.faa.gov/streamlinedloa. b. The PSOC should be signed by the procedure provider. c. The FAA signature blocks should not be edited. The FAA uses a standard format for signature blocks.	

3.2 Content - Data/Comm Procedures (LOA A056)

The overarching guidance for an A056 authorization is Advisory Circular AC 90-117, *Data Link Communication*.

○	This manual contains information and procedures that comply with the procedural requirements of LOA A056
○	This manual does not contain information and procedures that comply with the procedural requirements of LOA A056

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
A056-1	Operational data link procedures addressing normal, abnormal, and emergency operations. The manual must contain generic procedures applicable to all authorized aircraft and direct pilots to use aircraft-specific procedures, limitations, and operating instructions for the installed CPDLC avionics contained in manufacturer's documentation.	
A056-2	A statement directing pilots to use aircraft specific procedures in manufacturers documentation for changing latency timer value.	
A056-3	Procedures for establishing and maintaining voice communications (including any required SELCAL check(s)).	
A056-4	A description of the data link monitoring process and procedures to address substandard performance.	
A056-5	Procedures to report data link communication failures and/or problems. This should include contacting the appropriate Data Link Monitoring Agency (DLMA) for your area of operation.	
A056-6	Instructions on how to obtain demonstrated performance results from: https://www.fans-cra.com/,	

3.3 Content - Oceanic RNP Procedures (B036)

The overarching guidance for oceanic and remote continental authorizations is found in Advisory Circular AC 91-70, *Oceanic and Remote Continental Airspace Operations* and AC 90-105, *Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace*.

○	This manual contains information and procedures that comply with the procedural requirements of LOA B036
○	This manual does not contain information and procedures that comply with the procedural requirements of LOA B036

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B036-1	Operational procedures for verifying the RNP value set in the FMS matches the equipment capability and authorizations as annotated in the ATC flight plan prior to entering oceanic and remote continental airspace.	
B036-2	Instructions for use of an approved GNSS availability prediction program ensuring the requisite availability of the GNSS Fault Detection and Exclusion (FDE) function.	
B036-3	Pilot procedures for the manual entry of waypoints (i.e., latitude and longitude) and a description of how such manually entered points are displayed on the navigation display and in the FMS (i.e., how they are labeled / named).	
B036-4	LRNS preflight procedures pilot procedures to confirm the correct route is loaded.	
B036-5	Pilot cross-checking procedures to identify navigation errors in sufficient time to prevent an inadvertent deviation from ATC-cleared routes. Procedures should include cross-checking aircraft position at a point approximately 10 minutes after oceanic waypoint passage using one of the following methods: • Manually plotting on a chart, or • Use of aircraft FMS-driven navigation displays and indications.	
B036-6	Checklist used for oceanic operations.	

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B036-7	Emergency and contingency procedures to include procedures for performing a turn back or diversion. Examples: • Inability to comply with assigned clearance due to meteorological conditions, aircraft performance, or pressurization failure. • En route diversion across the prevailing traffic flow. • Loss of, or significant reduction in, the required navigation capability when operating in airspace where the navigation performance accuracy is a prerequisite to the safe conduct of flight operations.	
B036-8	Operational procedures for performing Strategic Lateral Offset Procedure (SLOP).	
B036-9	Pilot procedures to verify the correct sensor is being used for position computation in aircraft with multi-sensor navigation systems.	

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B036-10	These references should be listed in your manual. • Title 14 of the Federal Code of Regulations (14 CFR) • ICAO Document 4444, Procedures for Air Navigation Services—Air Traffic Management (PANS-ATM) • ICAO Document 7030, Regional Supplementary Procedures • ICAO Document 9574, Manual on a 300 m (1000 ft) Vertical Separation Minimum Between FL 290 and FL 410 Inclusive • ICAO Document 9613, Performance Based Navigation (PBN) Manual • ICAO Document 10037, Global Operational Data Link Operation (GOLD) (Controller-Pilot Data Link Communication (CPDLC), Automatic Dependent Surveillance-Contract (ADS-C)) • ICAO Annex 2, Rules of the Air • ICAO Annex 6, Operation of Aircraft (Parts I, II, and III as applicable) • Aeronautical Information Publication (AIP), United States of America—Relevant Material • AC 90-96, Approval of U.S. Operators and Aircraft to Operate Under Instrument Flight Rules (IFR) In European Airspace Designated for Basic Area Navigation (B-RNAV)/RNAV 5 and Precision Area Navigation (P-RNAV). • AC 90-105, Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace. • AC 91-70, Oceanic and Remote Continental Airspace Operations. • AC 91-85, Authorization of Aircraft and Operators for Flight in Reduced Vertical Separation Minimum Airspace. • AC 135-42, Extended Operations (ETOPS) and Operations in the North Polar Area. • FAA North Atlantic (NAT) Resource Guide for United States Operators, • Pacific Resource Guide for U.S. Operators, or West Atlantic Route System, Gulf of Mexico, Caribbean Resource Guide for U.S. Operators, • Required Navigation Performance (RNP) • ICAO Paris Website • Eurocontrol (SKYbrary). • State Department Travel Alerts and Transportation Safety Administration (TSA) Alerts • Notices to Airmen and Special Federal Aviation Regulations (SFAR) • North American Routes (NAR)	

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B036-11	Procedures for locating track messages and carrying track messages on flights for areas other than the NAT HLA.	
B036-12	Explanation of ICAO flight plans and coding.	
B036-13	Description of the requirements, procedures, and crosschecks associated with the computer flight plan.	
B036-14	Communications/ Navigation/Surveillance equipage requirements for operating in the following airspace: ✈ North Atlantic ✈ Pacific ✈ Gulf of Mexico ✈ New York Oceanic – West	
B036-15	Procedures for obtaining, listing of what should be included in a weather package.	
B036-16	Considerations for drift down in oceanic operations. (terrain, alternates, performance)	
B036-17	World Geodetic System 84 (WGS 84) – Brief description. Procedures for operations in non-WGS 84 areas. Where to find non-WGS 84 compliant countries.	
B036-18	Description of State Operating Restrictions.	
B036-19	Metric Altimetry procedures in China and Russia.	
B036-20	Accident/Incident reporting procedures – 49 CFR Part 830 (NTSB) and Part 175 (Hazardous Materials Regulations)	

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B036-21	Procedures for loss of communications in oceanic airspace excluding the NAT HLA.	
B036-22	Procedures for interception.	
B036-23	Procedures/information on ditching / Automated Mutual-Assistance Vessel rescue (AMVER)	
B036-24	Procedures for master time source.	
B036-25	Navigation accuracy check procedures.	
B036-26	Procedures for QFE altimetry operations. Procedures for Transition Altitude/Transition Level. Discussion of millibars/ Hectopascals.	
B036-27	Transponder procedures in oceanic airspace excluding the NAT HLA	
B036-28	Procedures and information on volcanic ash encounters.	
B036-29	Procedures for obtaining information on solar activity and HF blackouts due to solar activity.	
B036-30	Mach Number Technique • Procedures • Applicable areas • Operations Without Assigned Fixed Speed (OWAFS)	

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B036-31	Dead Reckoning Procedures.	
B036-32	Conditional Clearance and Re-clearance procedures/discussion.	

3.4 Content - NAT HLA Procedures (B039)

The overarching guidance for the North Atlantic High Level Airpace (NAT HLA) is found in Advisory Circular AC 91-70, *Oceanic and Remote Continental Airspace Operations* and AC 90-105, *Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace*.

○	This manual contains information and procedures to comply with the procedural requirements of LOA B039
○	This manual does not contain information and procedures to comply with the procedural requirements of LOA B039

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B039-1	Procedures for loss of communication in the NAT HLA.	
B039-2	Communications/ Navigation / Surveillance equipage requirements for operating in the NAT HLA.	
B039-3	Procedures to locate and carry Track Massages on flights applicable to the NAT HLA.	
B039-4	Transponder procedures applicable to the NAT HLA.	

3.5 Content - RVSM Procedures (B046)

The overarching guidance for a B046 authorizations is Advisory Circular AC 91-85 , *Authorization of Aircraft and Operators for Flight in Reduced Vertical Separation Minimum (RVSM) Airspace*.

○	This manual contains information and procedures to comply with the procedural requirements of LOA B046
○	This manual does not contain information and procedures to comply with the procedural requirements of LOA B046

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B046-1	Procedures to ensure, prior to operation in RVSM designated air-space, the status of the operator and aircraft with regard to RVSM approval, including RVSM minimum equipment requirements, adherence to any RVSM operating limitations, correct flight plan filing requirements and preflight procedures are met.	
B046-2	Procedures to ensure required equipment is operational prior to entry into RVSM airspace and to request amended clearance to avoid RVSM airspace, if any of the following equipment is not operating: • Two primary altitude measurement systems; • One automatic altitude control system; • One altitude alerting device; and • An operational transponder(s), and TCAS, where required.	
B046-3	Pilot Procedures that emphasize correct setting on all primary and standby altimeters to include when passing through the appropri-ate Transition Altitude and rechecking after reaching initial cleared flight level (CFL). Additionally, cross checking procedures, with intervals of approximately one hour, that ensure a minimum of two primary altimeters agree within 200 ft. or a lessor value if specified in the aircraft operating manual. The initial crosscheck of the standby altimeter should be recorded.	
B046-4	Pilot Procedures to ensure the aircraft automatic altitude control system must be operative and engaged during cruise, unless circumstances dictate otherwise, and the altitude altering system must be operational and used.	
B046-5	Pilot procedures to ensure during cleared transitions between flight levels, the aircraft should not overshoot or undershoot the CFL by more than 150 ft. (45m).	
B046-6	Procedures that emphasize that normally the altimeter system being used to control the aircraft should be selected to provide the input to the altitude reporting transponder that is transmitting the information to ATC.	

Item Number	Required Content	Manual Reference *(page or paragraph number where this information is located in the manual)*
B046-7	Emergency and contingency procedures. These procedures may be due to: • Severe turbulence and/or mountain wave induced altitude deviations of approximately 200 feet or greater; • Failure of automatic altitude control system, altitude alerter, or all primary altimeters; • Failure of one primary altimeter; or transponder. Includes procedures for accommodation of non-RVSM aircraft in RVSM airspace.	
B046-8	Procedures to ensure that when operating in areas new to the operator, policy and procedures unique to the new area of operations are incorporated, including those areas where metric flight levels are incorporated.	

Please Provide Feedback

In our continuing effort to improve the

quality of service we provide to you,

the Federal Aviation Administration would appreciate any

feedback you may have on this guide and how we can improve it:

Please Indicate “LOA Streamlined Operational Approval Application Guide”
in the Subject Line

We appreciate any feedback to improve
this application guide.

Contact the

Flight Technologies and Procedures Division at:

Email: 9-AWA-AVS-AFS-400-Flight-Technologies-Procedures@faa.gov