

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

N 8900.99

National Policy

Effective Date:
10/30/09

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10/30/10

SUBJ: Issuance of New OpSpec/MSpec/LOA C384—Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required

1. Purpose of This Notice. This notice provides revised guidance about the issuance and requirement to use nonstandard operations specification (OpSpec)/management specification (MSpec)/letter of authorization (LOA) paragraph C384 to authorize Required Navigation Performance (RNP) with Special Aircraft and Aircrew Authorization Required (SAAAR) instrument approach procedures (IAP). This guidance applies to principal operations inspectors (POI) and other aviation safety inspectors (ASI) assigned to operators conducting airplane operations under Title 14 of the Code of Federal Regulations (14 CFR) parts 91 (including subpart K), 121, 125 (including the Letter of Deviation Authority (LODA A125) operators), 129, and 135.

2. Audience. The primary audience for this notice is ASIs located in certificate-holding district offices and Flight Standards District Offices. The secondary audience includes Flight Standards divisions and branches in the regions and in headquarters.

3. Where You Can Find This Notice. You can find this notice on the MyFAA Web site at https://employees.faa.gov/tools_resources/orders_notices/. Inspectors can access this notice through the Flight Standards Information Management System (FSIMS) at <http://fsims.avs.faa.gov>. Operators and the public may find this information at: <http://fsims.faa.gov>.

4. Background.

a. IAPs Not Authorized Using OpSpec/MSpec/LOA C052. The standard OpSpec/MSpec/LOA C052, Basic Instrument Approach Procedure Authorizations—All Airports, provides for the authorization of basic, nonprecision approach procedures with vertical guidance, and precision instrument approaches published in accordance with 14 CFR part 97, Standard Instrument Approach Procedures. There are, however, IAPs that may not be authorized using OpSpec/MSpec/LOA C052.

b. Use OpSpec/MSpec/LOA C384 for Part 97 Approaches and Foreign Authorization Required. Any public approach with a label such as *SAAAR, Special Aircrew & Aircraft*

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Certification Required, or a similar kind of notation may only be authorized by other special OpSpecs/MSpecs/LOAs. For example, Category (CAT) II, CAT III, and RNP approach charts have SAAAR/Special Aircrew & Aircraft Certification Required labels. CAT I approaches with similar labels are authorized using the standard OpSpec/MSpec/LOA C074. CAT II and CAT III approaches are authorized using the standard OpSpec/MSpec/LOA C059 and C060 templates, as applicable. The part 97 approaches with the RNP SAAAR label, or foreign Authorization Required approaches may only be authorized through the nonstandard request process and the issuance of the nonstandard OpSpec/MSpec/LOA C384 template.

5. Guidance.

a. Required Nonstandard Authorization. RNP SAAAR IAP represents a new category of approach authorization, which requires a nonstandard authorization.

b. Documentation for Authorizing RNP SAAAR IAP. The documentation package to authorize RNP SAAAR IAP is found in Advisory Circular (AC) 90-101, Approval Guidance for RNP Procedures With SAAAR, current edition. POIs can direct operators to the Performance-Based Flight Systems Branch, AFS-470 Web site at: http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/rnp/ for additional information.

Note: Refer to FAA Order 8900.1 Volume 3, Chapter 18, Section 5, OpSpec/MSpec C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required, for specific guidance pertaining to the RNP SAAAR application process.

c. Sample Templates. Appendices A through F contain the following sample templates:

- Appendix A, OpSpec C384 template applies to part 121.
- Appendix B, OpSpec C384 template applies to part 135.
- Appendix C, OpSpec C384 template applies to parts 121/135.
- Appendix D, OpSpec C384 template applies to part 125.
- Appendix E, MSPEC C384 template that applies to part 91K.
- Appendix F, LOA C384 template that applies to part 125M.
- Appendix G, LOA C384 template that applies to part 91.
- Appendix H, OpSpec C384 template that applies to part 129.

6. Action. POIs must distribute this notice to their assigned operators. POIs must review each operator's OpSpec/MSpec/LOA C384, if applicable, to determine if it was properly issued.

7. Disposition. We will permanently incorporate the information in this notice in FSIMS before this notice expires. Direct questions concerning this notice to AFS-470 at (202) 385-4623.

A handwritten signature in cursive script that reads "John M. Allen". The signature is written in dark ink on a light blue rectangular background.

John M. Allen
Director, Flight Standards Service

Appendix A. Sample OpSpec C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required: 14 CFR Part 121

- a. The certificate holder is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of these operations specifications. This authorization requires prior written concurrence by the Air Transportation Division, AFS-200, and the Flight Technologies and Procedures Division, AFS-400.
- b. Authorized Aircraft and Equipment. The certificate holder is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

- c. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this paragraph unless they have successfully completed the certificate holder's RNP SAAAR IAP approved training and qualification program.
- d. Dispatcher Qualifications. A flight dispatcher must not release a flight for an RNP SAAAR IAP unless the flight dispatcher has successfully completed the certificate holder's RNP SAAAR IAP-approved training program.
- e. Authorized RNP AR Procedures. The certificate holder is authorized to conduct RNP Authorization Required (AR) IAP operations for the foreign approach listed in Table 2 below.

Table 2—Foreign Approaches Authorized for RNP AR Operations

Approach Name/Identifier	Special Limitations
TABL08	TABL10

Appendix B. Sample OpSpec C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required: 14 CFR Part 135

- a. The certificate holder is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of these operations specifications. This authorization requires prior written concurrence by the Air Transportation Division, AFS-200, and the Flight Technologies and Procedures Division, AFS-400.
- b. Authorized Aircraft and Equipment. The certificate holder is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

- c. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this paragraph unless they have successfully completed the certificate holder's RNP SAAAR IAP approved training and qualification program.
- d. Authorized RNP AR Procedures. The certificate holder is authorized to conduct RNP Authorization Required (AR) IAP operations for the foreign approach listed in Table 2 below.

Table 2—Foreign Approaches Authorized for RNP AR Operations

Approach Name/Identifier	Special Limitations
TABL08	TABL10

Appendix C. Sample OpSpec C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required: 14 CFR Parts 121/135

- a. The certificate holder is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of these operations specifications. This authorization requires prior written concurrence by the Air Transportation Division, AFS-200, and the Flight Technologies and Procedures Division, AFS-400.
- b. Authorized Aircraft and Equipment. The certificate holder is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

- c. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this paragraph unless they have successfully completed the certificate holder's RNP SAAAR IAP approved training and qualification program.
- d. Dispatcher Qualifications. When the certificate holder uses a flight dispatcher, the flight dispatcher must not release a flight for an RNP SAAAR IAP unless the flight dispatcher has successfully completed the certificate holder's RNP SAAAR IAP approved training program.
- e. Authorized RNP AR Procedures. The certificate holder is authorized to conduct RNP Authorization Required (AR) IAP operations for the foreign approach listed in Table 2 below.

Table 2—Foreign Approaches Authorized for RNP AR Operations

Approach Name/Identifier	Special Limitations
TABL08	TABL10

Appendix D. Sample OpSpec C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required: 14 CFR Part 125

- a. The certificate holder is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of these operations specifications. This authorization requires prior written concurrence by the General Aviation and Commercial Division, AFS-800, and the Flight Technologies and Procedures Division, AFS-400.
- b. Authorized Aircraft and Equipment. The certificate holder is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

- c. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this paragraph unless they have successfully completed the certificate holder's RNP SAAAR IAP approved training and qualification program.
- d. Authorized RNP AR Procedures. The certificate holder is authorized to conduct RNP Authorization Required (AR) IAP operations for the foreign approach listed in Table 2 below.

Table 2—Foreign Approaches Authorized for RNP AR Operations

Approach Name/Identifier	Special Limitations
TABL08	TABL10

**Appendix E. Sample MSpec C384, Required Navigation Performance Procedures
With Special Aircraft and Aircrew Authorization Required:
14 CFR Part 91 Subpart K**

- a. The program manager is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of these management specifications. This authorization requires prior written concurrence by the General Aviation and Commercial Division, AFS-800, and the Flight Technologies and Procedures Division, AFS-400.
- b. Authorized Aircraft and Equipment. The program manager is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

- c. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this paragraph unless they have successfully completed the program manager's RNP SAAAR IAP approved training and qualification program.
- d. Dispatcher/Flight Follower Qualifications. If the program manager uses a flight dispatcher/flight follower, the flight dispatcher/flight follower must not release a flight for an RNP SAAAR IAP unless the flight dispatcher/flight follower has successfully completed the program manager's RNP SAAAR IAP training program.
- e. Authorized RNP AR Procedures. The program manager is authorized to conduct RNP Authorization Required (AR) IAP operations for the foreign approach listed in Table 2 below.

Table 2—Foreign Approaches Authorized for RNP AR Operations

Approach Name/Identifier	Special Limitations
TABL08	TABL10

Appendix F. Sample LOA C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required: 14 CFR Part 125M

1. The operator/company, authorized to conduct operations in accordance with Letter of Deviation Authority A125, is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of this letter of authorization. This authorization requires prior written concurrence by the General Aviation and Commercial Division, AFS-800, and the Flight Technologies and Procedures Division, AFS-400.
2. Authorized Airplane(s) and Equipment. The operator/company is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

3. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this letter of authorization unless they have successfully completed the operator/company's RNP SAAAR IAP approved training and qualification program.
4. Authorized RNP SAAAR Procedures. The operator/company is authorized to conduct RNP Authorization Required (AR) IAP operations for the foreign approach listed in Table 2 below.

Table 2—Foreign Approaches Authorized for RNP AR Operations

Approach Name/Identifier	Special Limitations
TABL08	TABL10

Appendix G. Sample LOA C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required: 14 CFR Part 91

1. The operator/company is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of this letter of authorization. This authorization requires prior written concurrence by the General Aviation and Commercial Division, AFS-800, and the Flight Technologies and Procedures Division, AFS-400.
2. Authorized Airplane(s) and Equipment. The operator is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

3. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this letter of authorization unless they have successfully completed the RNP SAAAR IAP training in accordance with AC 90-101, Approval Guidance for RNP Procedures With SAAAR.
4. Authorized RNP SAAAR Procedures. The operator is authorized to conduct RNP Authorization Required (AR) IAP operations for the foreign approach listed in Table 2 below.

Table 2—Foreign Approaches Authorized for RNP AR Operations

Approach Name/Identifier	Special Limitations
TABL08	TABL10

Appendix H. Sample OpSpec C384, Required Navigation Performance Procedures With Special Aircraft and Aircrew Authorization Required: 14 CFR Part 129

- a. The foreign air carrier is authorized to conduct 14 CFR part 97 RNP IAP, which requires SAAAR. Such operations must be conducted in accordance with the provisions of these operations specifications. This authorization requires prior written concurrence by the International Programs and Policy Division, AFS-50, and the Flight Technologies and Procedures Division, AFS-400.
- b. Authorized Aircraft and Equipment. The foreign air carrier is authorized to conduct RNP SAAAR IAP operations using the aircraft and area navigation systems listed in Table 1.

Table 1—Aircraft and Navigation Systems Eligible for RNP SAAAR Instrument Approach and Landing Operations

Aircraft M/M/S	Navigation System M/M/ Software Version	Limitations	Autopilot Coupled or Flight Director Required	Lowest RNP
TABL01	TABL02	TABL03	TABL04	TABL05

- c. Flightcrew Qualifications. Flightcrew must not conduct any operations authorized by this paragraph unless they have successfully completed the foreign air carrier's RNP SAAAR IAP-approved training and qualification program.
- d. Flight Operations Officer/Flight Dispatcher Qualifications. A flight operations officer/flight dispatcher when employed in conjunction with a method of flight supervision in accordance with International Civil Aviation Organization Annex 6, Part 1, 4.2.1, may not release a flight for an RNP SAAAR IAP unless the flight operations officer/flight dispatcher has successfully completed the foreign air carrier's RNP SAAAR IAP-approved training program.