

landing or aborted takeoff. The FAA is issuing this AD to prevent failure of the engine intake valve. The unsafe condition, if not addressed, could result in failure of the engine, in-flight shutdown, and loss of the airplane.

#### (f) Compliance

Comply with this AD within the compliance times specified, unless already done.

#### (g) Required Actions

(1) For engines with an affected SAP cylinder assembly installed, as identified in paragraph (c)(1) of this AD, within 30 days from the effective date of this AD, remove the affected cylinder assembly and replace any affected intake valve with an intake valve that is eligible for installation.

(2) For engines with an affected repaired cylinder assembly installed, as identified in paragraph (c)(2) of this AD, within 30 days from the effective date of this AD, inspect the affected cylinder assembly for installation of any intake valve marked with lot number 19077 O. If, during any inspection required by this paragraph, an intake valve is identified with lot number 19077 O, before further flight, replace the affected intake valve with an intake valve that is eligible for installation.

(3) For engines with an affected SAP intake valve installed, as identified in paragraph (c)(3) of this AD, within 30 days from the effective date of this AD, remove the affected intake valve and replace with an intake valve that is eligible for installation.

#### (h) Definitions

(1) For the purpose of this AD, an “intake valve that is eligible for installation” is an intake valve that is not SAP P/N SA539988 and lot number 19077 O.

#### (i) No Reporting Requirement

Although SAP MSB22-01 A specifies to submit certain information and send certain parts to the manufacturer, this AD does not include that requirement.

#### (j) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, are prohibited.

#### (k) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Fort Worth ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to the attention of the person identified in paragraph (l) of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

#### (l) Related Information

For more information about this AD, contact Justin Carter, Aviation Safety

Engineer, Fort Worth ACO Branch, FAA, 10101 Hillwood Parkway, Fort Worth, TX 76177; phone: (817) 222-5146; email: [justin.carter@faa.gov](mailto:justin.carter@faa.gov).

#### (m) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) Superior Air Parts, Inc. Mandatory Service Bulletin MSB22-01 A, dated December 16, 2022.

(ii) [Reserved]

(3) For service information identified in this AD, contact SAP, 621 S Royal Lane, Suite 100, Coppell, TX 75019; phone: (800) 420-4727; email: [sales@superiorairparts.com](mailto:sales@superiorairparts.com); website: [superiorairparts.com](http://superiorairparts.com).

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call (817) 222-5110.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email: [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [www.archives.gov/federal-register/cfr/ibr-locations.html](http://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on January 25, 2023.

#### Christina Underwood,

*Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 97

[Docket No. 31470; Amdt. No. 4046]

#### Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** This rule amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the

commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide for the safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

**DATES:** This rule is effective February 2, 2023. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of February 2, 2023.

**ADDRESSES:** Availability of matter incorporated by reference in the amendment is as follows:

#### For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, DC 20590-0001;

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Information Services, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA).

For information on the availability of this material at NARA, email [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov) or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

#### Availability

All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit the National Flight Data Center online at [nfdc.faa.gov](http://nfdc.faa.gov) to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

#### FOR FURTHER INFORMATION CONTACT:

Thomas J. Nichols, Flight Procedures and Airspace Group, Flight Technologies and Procedures Division, Flight Standards Service, Federal Aviation Administration. Mailing Address: FAA Mike Monroney Aeronautical Center, Flight Procedures and Airspace Group, 6500 South MacArthur Blvd., STB Annex, Bldg. 26, Room 217, Oklahoma City, OK 73099. Telephone: (405) 954-4164.

**SUPPLEMENTARY INFORMATION:** This rule amends 14 CFR part 97 by amending the referenced SIAPs. The complete regulatory description of each SIAP is

listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (NFDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR 97.20. The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained on FAA form documents is unnecessary. This amendment provides the affected CFR sections, and specifies the SIAPs and Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

**Availability and Summary of Material Incorporated by Reference**

The material incorporated by reference is publicly available as listed in the **ADDRESSES** section.

The material incorporated by reference describes SIAPs, Takeoff Minimums and ODPs as identified in the amendatory language for Part 97 of this final rule.

**The Rule**

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP and Takeoff Minimums and ODP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP and Takeoff

Minimums and ODP as modified by FDC permanent NOTAMs.

The SIAPs and Takeoff Minimums and ODPs, as modified by FDC permanent NOTAM, and contained in this amendment are based on criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied only to specific conditions existing at the affected airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts.

The circumstances that created the need for these SIAP and Takeoff Minimums and ODP amendments require making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C. 553(d), good cause exists for making these SIAPs effective in less than 30 days.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore—(1) is not a “significant regulatory action” under Executive Order 12866; (2) is not a “significant rule” under DOT regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will

not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

**List of Subjects in 14 CFR Part 97**

Air Traffic Control, Airports, Incorporation by reference, Navigation (Air).

Issued in Washington, DC, on January 20, 2023.

**Thomas J. Nichols,**

*Aviation Safety, Flight Standards Service, Manager, Standards Section, Flight Procedures & Airspace Group, Flight Technologies & Procedures Division.*

**Adoption of the Amendment**

Accordingly, pursuant to the authority delegated to me, 14 CFR part 97 is amended by amending Standard Instrument Approach Procedures and Takeoff Minimums and ODPs, effective at 0901 UTC on the dates specified, as follows:

**PART 97—STANDARD INSTRUMENT APPROACH PROCEDURES**

■ 1. The authority citation for part 97 continues to read as follows:

**Authority:** 49 U.S.C. 106(f), 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721–44722.

■ 2. Part 97 is amended to read as follows:

By amending: § 97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; § 97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; § 97.27 NDB, NDB/DME; § 97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; § 97.31 RADAR SIAPs; § 97.33 RNAV SIAPs; and § 97.35 COPTER SIAPs, Identified as follows:

\* \* \* *Effective Upon Publication*

AIRAC date	State	City	Airport	FDC No.	FDC date	Subject
23-Feb-23 .....	GA	Butler .....	Butler Muni .....	2/0453	1/6/23	RNAV (GPS) RWY 1, Amdt 2.
23-Feb-23 .....	NC	Clinton .....	Clinton-Sampson County .....	2/8503	1/10/23	RNAV (GPS) Z RWY 24, Orig-B.
23-Feb-23 .....	NC	Clinton .....	Clinton-Sampson County .....	2/8504	1/10/23	VOR/DME-A, Amdt 6B.
23-Feb-23 .....	NC	Clinton .....	Clinton-Sampson County .....	2/8511	1/10/23	RNAV (GPS) Y RWY 24, Amdt 1C.
23-Feb-23 .....	AK	Anchorage .....	Merrill Fld .....	3/1211	1/10/23	RNAV (GPS)-A, Amdt 1B.
23-Feb-23 .....	OR	Burns .....	Burns Muni .....	3/1213	1/5/23	RNAV (GPS) RWY 30, Orig-C.
23-Feb-23 .....	OR	Burns .....	Burns Muni .....	3/1215	1/5/23	VOR RWY 30, Amdt 3B.
23-Feb-23 .....	MN	New Ulm .....	New Ulm Muni .....	3/2518	1/12/23	RNAV (GPS) RWY 15, Orig-C.