



[4910-13]

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 97**

[Docket No. [31160](#); Amdt. No. [3770](#)]

**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 [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. 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 [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**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, D.C., 20590-0001;

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

3. The office of Aeronautical Navigation Products, 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, call 202-741-6030, or go to:

[http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/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 Procedure Standards Branch (AFS-420) Flight Technologies and Procedures Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

**SUPPLEMENTARY INFORMATION:**

This rule amends Title 14, Code of Federal Regulations, Part 97 (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 the 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 **OCTOBER 6, 2017**.

John S. Duncan  
Director, Flight Standards Service

**ADOPTION OF THE AMENDMENT**

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, (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 NUMBER	FDC DATE	SUBJECT
9-Nov-17	OH	Cleveland	Cleveland-Hopkins Intl	7/2523	10/3/17	RNAV (GPS) RWY 24L, Amdt 3C
9-Nov-17	WI	New Lisbon	Mauston-New Lisbon Union	7/5065	10/2/17	RNAV (GPS) RWY 14, Orig-A
9-Nov-17	WI	New Lisbon	Mauston-New Lisbon Union	7/5066	10/2/17	RNAV (GPS) RWY 32, Orig-B
AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
7-Dec-17	AZ	Page	Page Muni	7/0314	9/27/17	VOR-B, Orig
7-Dec-17	CA	Los Angeles	Los Angeles Intl	7/0657	10/2/17	ILS OR LOC RWY 7R, Amdt 8
7-Dec-17	TX	Houston	George Bush Intercontinental/Houston	7/0733	10/3/17	RNAV (GPS) RWY 33R, Amdt 2A
7-Dec-17	MA	Beverly	Beverly Rgnl	7/0961	10/2/17	RNAV (GPS) RWY 34, Orig-D
7-Dec-17	MA	Beverly	Beverly Rgnl	7/0963	10/2/17	VOR RWY 16, Amdt 5C
7-Dec-17	MA	Beverly	Beverly Rgnl	7/0974	10/2/17	RNAV (GPS) RWY 9, Orig
7-Dec-17	MA	Beverly	Beverly Rgnl	7/0981	10/2/17	RNAV (GPS) RWY 27, Amdt 1
7-Dec-17	MA	Beverly	Beverly Rgnl	7/1076	10/2/17	LOC RWY 16, Amdt 7C
7-Dec-17	TN	Nashville	Nashville Intl	7/1618	9/27/17	RNAV (RNP) Z RWY 31, Amdt 1
7-Dec-17	AR	Blytheville	Blytheville Muni	7/1636	9/27/17	RNAV (GPS) RWY 36, Orig
7-Dec-17	MO	Potosi	Washington County	7/1773	9/27/17	RNAV (GPS) RWY 2, Amdt 2A
7-Dec-17	MN	Glenwood	Glenwood Muni	7/1898	9/27/17	VOR RWY 33, Amdt 2B
7-Dec-17	NC	Lexington	Davidson County	7/1938	9/27/17	ILS OR LOC/DME RWY 6, Amdt 1B
7-Dec-17	MI	Lakeview	Lakeview-Griffith Field	7/2119	9/27/17	RNAV (GPS) RWY 10, Orig-A
7-Dec-17	TX	Bowie	Bowie Muni	7/2144	9/27/17	RNAV (GPS) RWY 35, Amdt 1
7-Dec-17	TX	Bowie	Bowie Muni	7/2145	9/27/17	RNAV (GPS) RWY 17, Orig
7-Dec-17	TX	Bowie	Bowie Muni	7/2146	9/27/17	NDB RWY 17, Amdt 4
7-Dec-17	AZ	Tucson	Tucson Intl	7/2148	9/26/17	RNAV (GPS) Z RWY 11L, AMDT 1A

7-Dec-17	NC	Greensboro	Piedmont Triad Intl	7/2229	9/26/17	RNAV (GPS) RWY 23L, Amdt 2B
7-Dec-17	IL	Moline	Quad City Intl	7/2247	9/26/17	RNAV (GPS) RWY 27, Amdt 1B
7-Dec-17	CO	Denver	Denver Intl	7/2261	9/26/17	RNAV (GPS) Y RWY 8, AMDT 1B
7-Dec-17	CO	Denver	Denver Intl	7/2264	9/26/17	RNAV (GPS) Y RWY 17L, Amdt 1A
7-Dec-17	CO	Denver	Denver Intl	7/2265	9/26/17	RNAV (GPS) Y RWY 25, Amdt 1A
7-Dec-17	TN	Nashville	Nashville Intl	7/2615	9/27/17	RNAV (GPS) Y RWY 2C, Amdt 2
7-Dec-17	IL	Savanna	Tri-Township	7/2648	9/26/17	VOR/DME-A, Orig-A
7-Dec-17	MN	Duluth	Duluth Intl	7/2934	10/2/17	VOR OR TACAN RWY 3, Amdt 21A
7-Dec-17	SC	Charleston	Charleston Afb/Intl	7/2965	9/27/17	ILS OR LOC/DME RWY 33, Amdt 8B
7-Dec-17	TX	Houston	George Bush Intercontinental/Houston	7/3347	10/3/17	GLS RWY 27, Amdt 1A
7-Dec-17	CO	Colorado Springs	City Of Colorado Springs Muni	7/3350	10/2/17	RNAV (GPS) Y RWY 17L, Amdt 3A
7-Dec-17	UT	Salt Lake City	Salt Lake City Intl	7/3383	10/2/17	RNAV (GPS) RWY 17, Amdt 2A
7-Dec-17	UT	Salt Lake City	Salt Lake City Intl	7/3385	10/2/17	RNAV (GPS) RWY 34L, Amdt 1B
7-Dec-17	UT	Salt Lake City	Salt Lake City Intl	7/3386	10/2/17	RNAV (GPS) RWY 34R, Amdt 1B
7-Dec-17	NJ	Morristown	Morristown Muni	7/3405	9/28/17	ILS OR LOC RWY 23, Amdt 11
7-Dec-17	LA	Alexandria	Alexandria Intl	7/3426	9/27/17	ILS OR LOC/DME RWY 14, Amdt 1
7-Dec-17	NJ	Morristown	Morristown Muni	7/3428	9/28/17	RNAV (GPS) Z RWY 23, Amdt 1
7-Dec-17	CA	Oakland	Metropolitan Oakland Intl	7/3448	10/3/17	RNAV (GPS) Y RWY 28R, Amdt 3
7-Dec-17	ME	Augusta	Augusta State	7/3522	9/27/17	RNAV (GPS) RWY 8, Amdt 1
7-Dec-17	IA	Dubuque	Dubuque Rgnl	7/3686	9/26/17	RNAV (GPS) RWY 36, Orig
7-Dec-17	CA	Bakersfield	Meadows Field	7/3688	9/28/17	RNAV (GPS) RWY 30R, Amdt 2
7-Dec-17	MA	Nantucket	Nantucket Memorial	7/3691	10/2/17	RNAV (GPS) RWY 24, Amdt 1A
7-Dec-17	NY	Elmira/Corning	Elmira/Corning Rgnl	7/3702	9/28/17	RNAV (GPS) RWY 24, Amdt 2A
7-Dec-17	MI	Lansing	Capital Region Intl	7/3730	9/27/17	RNAV (GPS) RWY 10R, Orig

7-Dec-17	MI	Lansing	Capital Region Intl	7/3731	9/27/17	RNAV (GPS) RWY 28L, Amdt 1
7-Dec-17	MI	Pontiac	Oakland County Intl	7/3734	9/28/17	RNAV (GPS) RWY 9R, Orig
7-Dec-17	MI	Battle Creek	W K Kellogg	7/3737	9/28/17	RNAV (GPS) RWY 23R, Amdt 1A
7-Dec-17	ID	Pocatello	Pocatello Rgnl	7/3738	9/28/17	RNAV (GPS) RWY 21, Amdt 1A
7-Dec-17	GA	Savannah	Savannah/Hilton Head Intl	7/3740	9/28/17	RNAV (GPS) RWY 10, Amdt 2
7-Dec-17	KY	Covington	Cincinnati/Northern Kentucky Intl	7/3786	9/26/17	ILS OR LOC RWY 27, Amdt 17B
7-Dec-17	KY	Covington	Cincinnati/Northern Kentucky Intl	7/3787	9/26/17	RNAV (GPS) Y RWY 36R, Amdt 1B
7-Dec-17	CA	Oakland	Metropolitan Oakland Intl	7/3795	9/27/17	RNAV (GPS) Y RWY 30, Amdt 5C
7-Dec-17	MI	Grand Rapids	Gerald R Ford Intl	7/3819	9/27/17	ILS OR LOC RWY 26L, Amdt 21B
7-Dec-17	MI	Grand Rapids	Gerald R Ford Intl	7/3820	9/27/17	ILS OR LOC RWY 35, Amdt 2
7-Dec-17	MI	Grand Rapids	Gerald R Ford Intl	7/3821	9/27/17	ILS OR LOC RWY 8R, Amdt 6B
7-Dec-17	MI	Grand Rapids	Gerald R Ford Intl	7/3826	9/27/17	RNAV (GPS) RWY 8R, Amdt 1A
7-Dec-17	MI	Grand Rapids	Gerald R Ford Intl	7/3828	9/27/17	RNAV (GPS) RWY 26L, Amdt 1A
7-Dec-17	MI	Grand Rapids	Gerald R Ford Intl	7/3829	9/27/17	RNAV (GPS) RWY 35, Amdt 1A
7-Dec-17	WA	Port Angeles	William R Fairchild Intl	7/3831	9/27/17	RNAV (GPS) RWY 26, Amdt 1
7-Dec-17	TX	Kerrville	Kerrville Muni/Louis Schreiner Field	7/3940	9/27/17	RNAV (GPS) RWY 12, Amdt 1
7-Dec-17	WA	Bellingham	Bellingham Intl	7/3997	10/2/17	RNAV (GPS) Y RWY 16, Amdt 3A
7-Dec-17	WA	Pasco	Tri-Cities	7/4045	9/27/17	RNAV (GPS) Y RWY 21R, Amdt 2A
7-Dec-17	MA	New Bedford	New Bedford Rgnl	7/4060	9/26/17	RNAV (GPS) RWY 5, Amdt 1B
7-Dec-17	MA	Vineyard Haven	Martha's Vineyard	7/4130	10/3/17	RNAV (GPS) RWY 24, Amdt 2D
7-Dec-17	TX	Waco	Waco Rgnl	7/4483	9/27/17	RNAV (GPS) RWY 19, Orig-B
7-Dec-17	WA	Walla Walla	Walla Walla Rgnl	7/4570	9/27/17	RNAV (GPS) RWY 20, Amdt 1
7-Dec-17	OH	Mansfield	Mansfield Lahm Rgnl	7/4611	9/26/17	RNAV (GPS) RWY 32, Orig-D
7-Dec-17	KY	Danville	Stuart Powell Field	7/4658	10/2/17	RNAV (GPS) RWY 12, Orig

7-Dec-17	KY	Danville	Stuart Powell Field	7/4662	10/2/17	RNAV (GPS) RWY 30, Orig
7-Dec-17	KY	Danville	Stuart Powell Field	7/4668	10/2/17	NDB-A, Amdt 8
7-Dec-17	ME	Brunswick	Brunswick Executive	7/4801	10/2/17	RNAV (GPS) RWY 19L, Amdt 1A
7-Dec-17	NY	New York	Long Island Mac Arthur	7/4917	9/26/17	RNAV (GPS) RWY 24, Amdt 3
7-Dec-17	SC	Greer	Greenville Spartanburg Intl	7/4939	10/2/17	RNAV (GPS) RWY 4, Amdt 2A
7-Dec-17	IA	Mason City	Mason City Muni	7/6166	9/26/17	ILS OR LOC RWY 36, Amdt 6F
7-Dec-17	TN	Jasper	Marion County-Brown Field	7/6472	9/26/17	RNAV (GPS) RWY 4, Orig-A
7-Dec-17	IN	New Castle	New Castle-Henry Co Muni	7/6600	9/26/17	RNAV (GPS) RWY 27, Orig-A
7-Dec-17	SC	Anderson	Anderson Rgnl	7/6804	9/26/17	RNAV (GPS) RWY 35, Amdt 1A
7-Dec-17	LA	Monroe	Monroe Rgnl	7/6853	9/28/17	RNAV (GPS) RWY 22, Amdt 1A
7-Dec-17	SC	Anderson	Anderson Rgnl	7/7101	9/26/17	RNAV (GPS) RWY 23, Amdt 1
7-Dec-17	SC	Anderson	Anderson Rgnl	7/7105	9/26/17	RNAV (GPS) RWY 5, Amdt 1A
7-Dec-17	SC	Anderson	Anderson Rgnl	7/7106	9/26/17	ILS OR LOC RWY 5, Amdt 1A
7-Dec-17	SC	Anderson	Anderson Rgnl	7/7107	9/26/17	VOR RWY 5, Amdt 10
7-Dec-17	SC	Anderson	Anderson Rgnl	7/7115	9/26/17	RNAV (GPS) RWY 17, Amdt 1A
7-Dec-17	FL	Tampa	Tampa Intl	7/7377	9/26/17	RNAV (GPS) RWY 1L, Amdt 2B
7-Dec-17	OK	Elk City	Elk City Rgnl Business	7/7415	9/26/17	Takeoff Minimums and Obstacle DP, Amdt 1
7-Dec-17	IN	Connersville	Mettel Field	7/7481	10/3/17	VOR-A, Amdt 1A
7-Dec-17	AZ	Tucson	Tucson Intl	7/7560	9/26/17	RNAV (RNP) Y RWY 29R, Orig-D
7-Dec-17	AZ	Tucson	Tucson Intl	7/7573	9/26/17	RNAV (GPS) RWY 21, Orig-A
7-Dec-17	IL	Chicago	Chicago O'Hare Intl	7/7608	9/28/17	RNAV (GPS) RWY 15, Amdt 2E
7-Dec-17	NY	Schenectady	Schenectady County	7/7666	9/26/17	RNAV (GPS) RWY 28, Orig-D
7-Dec-17	TX	Houston	George Bush Intercontinental/Houston	7/7831	10/3/17	GLS RWY 8L, Amdt 1A
7-Dec-17	TX	Houston	George Bush Intercontinental/Houston	7/7833	10/3/17	GLS RWY 8R, Amdt 1A

7-Dec-17	TX	Houston	George Bush Intercontinental/ Houston	7/7834	10/3/17	GLS RWY 9, Amdt 1A
7-Dec-17	TX	Houston	George Bush Intercontinental/ Houston	7/7837	10/3/17	GLS RWY 26L, Amdt 1A
7-Dec-17	TX	Houston	George Bush Intercontinental/ Houston	7/7838	10/3/17	GLS RWY 26R, Amdt 1A
7-Dec-17	FL	Titusville	Space Coast Rgnl	7/7946	10/2/17	RNAV (GPS) RWY 9, Amdt 1A
7-Dec-17	PA	Coatesville	Chester County G O Carlson	7/7990	9/26/17	ILS OR LOC RWY 29, Amdt 7
7-Dec-17	PA	Coatesville	Chester County G O Carlson	7/7996	9/26/17	RNAV (GPS) RWY 29, Orig
7-Dec-17	PA	Coatesville	Chester County G O Carlson	7/7997	9/26/17	RNAV (GPS) RWY 11, Orig
7-Dec-17	MA	Provincetown	Provincetown Muni	7/8468	9/27/17	RNAV (GPS) RWY 25, Orig-B
7-Dec-17	MA	Provincetown	Provincetown Muni	7/8469	9/27/17	NDB RWY 25, Amdt 2B
7-Dec-17	KS	Manhattan	Manhattan Rgnl	7/8555	9/26/17	RNAV (GPS) RWY 21, Amdt 1
7-Dec-17	KS	Manhattan	Manhattan Rgnl	7/8586	9/26/17	VOR/DME-F, Amdt 1
7-Dec-17	KS	Manhattan	Manhattan Rgnl	7/8589	9/26/17	RNAV (GPS) RWY 3, Amdt 1
7-Dec-17	KS	Manhattan	Manhattan Rgnl	7/8593	9/26/17	ILS OR LOC/DME RWY 3, AMDT 7A
7-Dec-17	MS	Madison	Bruce Campbell Field	7/8620	9/26/17	RNAV (GPS) RWY 17, Amdt 1B
7-Dec-17	MS	Madison	Bruce Campbell Field	7/8624	9/26/17	RNAV (GPS) RWY 35, Orig-B
7-Dec-17	CA	Susanville	Susanville Muni	7/9026	9/27/17	RNAV (GPS) RWY 29, Amdt 1A
7-Dec-17	LA	Slidell	Slidell	7/9663	10/2/17	RNAV (GPS) RWY 36, Orig-C

[FR Doc. 2017-22503 Filed: 10/18/2017 8:45 am; Publication Date: 10/19/2017]