

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<b>AIRPORT ID</b> SFM	<b>PROCEDURE NAME</b> ILS OR LOC RWY 7	<b>ORIGINAL/AMENDMENT</b> 5A	<b>CITY</b> SANFORD	<b>STATE</b> ME
<b>AIRPORT ELEVATION</b> 244	<b>TDZE</b> 241	<b>SUPERSEDED</b> ILS OR LOC RWY 7	<b>DATED</b> 06/20/2019	<b>MAG VAR</b> 17W
<b>FACILITY</b> I-SFM	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 16 MAY 2024	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1990
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ENE VOR/DME		HAVAN/ENE 17.58 DME					256.87	17.58	3000
CON VOR/DME	IAF	HAVAN/ENE 17.58 DME	NOPT				097.41	27.20	3000
HAVAN/ENE 17.58 DME	IF/IAF	FACNO/ENE 11.48 DME					075.36	6.10 (I-SFM)	2300

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: ENE 5.20 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT ENE VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 290 AND ON I-SFM LOCALIZER COURSE W (255) TO HAVAN/ENE 17.58 DME AND HOLD (DME REQUIRED).

**PROFILE:**

- PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF** (IAF)
- HOLD W HAVAN/ENE 17.58 DME, RT, 075.36 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 075.36                      **FAF:** FACNO/ENE 11.48 DME                      **DIST FAF TO MAP:**                      **DIST FAF TO THLD:** 6.29
- MIN ALT:** HAVAN/ENE 17.58 DME 3000, FACNO/ENE 11.48 DME 2300, XAWFE/ENE 7.50 DME 960\*
- DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:** 1119
- MIN GS INCPT:** 2300                      **GS ALT AT PFAF:** FACNO/ENE 11.48 DME 2300                      **OM:**                      **MM:**                      **IM:**
- GS ANGLE:** 3.00                      **34:1:**                      **20:1:**                      **TCH:** 56.4
- MSA FROM:** ENE VOR/DME 055-235 1900, 235-325 3100, 325-055 3600



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART PROFILE NOTE: VGS1 AND ILS GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).  
 CHART NOTE: VDP NA WHEN USING ROCHESTER ALTIMETER SETTING.  
 CHART NOTE: DME FROM ENE VOR/DME. SIMULTANEOUS RECEPTION OF I-SFM AND ENE DME REQUIRED.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCHESTER ALTIMETER SETTING: INCREASE S-ILS 7 DA TO 479 FEET; INCREASE ALL MDAS 40 FEET AND S-LOC 7 CATS C/D VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.  
 CHART PROFILE NOTE: \*1000 WHEN USING ROCHESTER ALTIMETER SETTING.

**ADDITIONAL FLIGHT DATA:**

HOLD E, LT, 262.00 INBOUND.  
 CHART FAS OBST: 545 TREE (23-021562) 432156N/0704529W.  
 CHART VDP AT 6.78 DME.  
 DISTANCE VDP TO THLD 1.59 NM.  
 CHART CIRCLING ICON.

**MINIMUMS:**

**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA  ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1000-3, NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-ILS 07	441	3/4	200	441	3/4	200	441	3/4	200	441	3/4	200		NA		
S-LOC 07	800	1	559	800	1	559	800	1 5/8	559	800	1 5/8	559				
CIRCLING	800	1	556	800	1	556	1180	2 3/4	936	1240	3	996				

**CHANGES - REASONS**

1. REMOVED FEEDER SEGMENT FROM MHT VOR/DME - MHT DECOMMISSIONING PER VOR MON INITIATIVE.
2. EQUIPMENT REQUIREMENT NOTES: CHANGED FROM "DME REQUIRED FOR LOC ONLY" TO "DME REQUIRED" - HAVAN IS NOW A DME FIX, NO LONGER MEETS INT CRITERIA.
3. ADDED TO NOTES "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCHESTER ALTIMETER SETTING: INCREASE S-ILS 7 DA TO 479 FEET; INCREASE ALL MDAS 40 FEET AND S-LOC 7 CATS C/D VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.", "CHART PROFILE NOTE: \*1000 WHEN USING ROCHESTER ALTIMETER SETTING." AND "CHART NOTE: VDP NA WHEN USING ROCHESTER ALTIMETER SETTING." - IAW 8260.191 8-6-7.D.(6)(B) AND 8260.191 8-6-9.E.(9).
4. RETURNED ALL BACKUP ALIMETER NOTES FROM PART C: GENERAL REMARKS - RETURNED AT FPT REQUEST.
5. ADDITIONAL FLIGHT DATA: REMOVED "\*\*LOC ONLY" - "\*\*LOC ONLY" NO LONGER REQUIRED.
6. REMOVED "INT" FROM ALL INSTANCES OF "HAVAN INT/ENE 17.58 DME" - HAVAN IS NOW A DME FIX, NO LONGER MEETS INT CRITERIA.
7. UPDATED ALTERNATE: FROM "NA" TO "ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1000-3, NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.191 PARA 8-6-11.B. AND PARA 2-4-5.B.(1).



**AIRPORT ID**  
SFM

**PROCEDURE NAME**  
ILS OR LOC RWY 7

**ORIGINAL/AMENDMENT**  
5A

**CITY**  
SANFORD

**STATE**  
ME

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**

**OTHER:** ZBW, BOS APP CON, PWM APP CON, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE**

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 01, 2024

**DATE**

**DEVELOPED BY**

CASIMIR L. TABAKA (GEORGE H. TYLER)

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 01, 2024

**OFFICE**

AJV-A432

**DATE**

11/13/2023

**APPROVED BY**

CASIMIR L. TABAKA

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 01, 2024

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

