

**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.

<u><b>AIRPORT</b></u> SANFORD SEACOAST RGNL	<u><b>AIRPORT ID</b></u> KSFM	<u><b>PROCEDURE NAME</b></u> ILS OR LOC RWY 7	<u><b>ORIGINAL/AMENDMENT</b></u> 5	<u><b>CITY</b></u> SANFORD	<u><b>STATE</b></u> ME
<u><b>AIRPORT ELEVATION</b></u> 244	<u><b>TDZE</b></u> 241	<u><b>SUPERSEDED</b></u> ILS OR LOC RWY 7	<u><b>ORIGINAL/AMENDMENT</b></u> 4D	<u><b>DATED</b></u> 03/02/2017	<u><b>MAG VAR</b></u> 17W
<u><b>FACILITY</b></u> I-SFM	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 20 JUNE 2019	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>	<u><b>EPOCH YEAR</b></u> 1990

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ENE VOR/DME		HAVAN INT/ENE 17.58 DME					256.87	17.58	3000
CON VOR/DME	IAF	HAVAN INT/ENE 17.58 DME	NOPT				097.41	27.20	3000
MHT VOR/DME	IAF	HAVAN INT/ENE 17.58 DME	NOPT				051.08	30.45	3000
HAVAN INT/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, 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 INT/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 FAF :** FACNO/ENE 11.48 DME 2300      **OM:**      **MM:**      **IM:**
- GP 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 FOR LOC ONLY.

NOTES:

CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: DME FROM ENE VOR/DME. SIMULTANEOUS RECEPTION OF I-SFM AND ENE DME REQUIRED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 6.78 DME\*  
DISTANCE VDP TO THLD 1.59 NM  
\* LOC ONLY  
CHART FAS OBST: 545 TREE 432156N/0704529W.  
HOLD E, LT, 262.00 INBOUND

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

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 07	441	3/4	200	441	3/4	200	441	3/4	200	441	3/4	200			
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 PSM VOR/DME - PSM DECOMMISSIONING PER VOR MON INITIATIVE.
2. REDESIGNATE FIX FACNO FROM IAF TO FAF AND REMOVED THE HOLD-IN-LIEU - PER EASTERN FPT CHECKLIST.
3. REDESIGNATE FIX HAVAN FROM IF TO IF/IAF AND REPLACED HOLD-IN-LIEU AT THIS FIX - PER EASTERN FPT CHECKLIST.
4. REFORMAT NOTE: \*LOC ONLY, 1000 WHEN USING ROCHESTER, NH ALTIMETER SETTING TO: \*LOC ONLY - PER 8260.19H, PARA 8-6-7 (D).
5. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PSM VOR/DME ON V3 SOUTHBOUND - PSM VOR MON DECOMMISSIONED.
6. REMOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCHESTER, NH ALTIMETER SETTING: INCREASE ALL DA TO 479; INCREASE ALL MDA 40 FEET AND S-LOC 7 CAT B AND CIRCLING CATS B/C/D VISIBILITY 1/4 MILE AND XAWFE FIX MINIMUMS S-LOC 7 CATS C/D AND CIRCLING CAT C VISIBILITY 1/8 MILE - LOCAL AWOS ON WMSCR, BACK-UP ALTIMETER NOTES MOVED TO FORM 8260-9 FOR CONTINGENCY PURPOSES.
7. ADDED CHART VDP AT 6.78 DME\*, DIST VDP TO THLD 1.59 NM - PER 8260.19H, PARA 8-6-10 (N).
8. AMENDED NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA TO: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - IAW FAAO 8260.19H, PARA 8-6-11K(3).
9. ADDED CHART NOTE: DME FROM ENE VOR/DME. SIMULATANEOS RECEPTION OF I-SFM AND ENE DME REQUIRED - PER 8260.19H, PARA 8-6-9 (K).
10. UPDATED S-LOC 7 AND CIRCLING RWY 7 LINES OF MINIMA AND REMOVED SDF LINES OF MINIMA - LOC PROCEDURE REQUIRES DME, STEPDOWN FIX WILL ALWAYS BE RECEIVED.
11. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW FAAO 8260.19H, PARA 8-6-10T.
12. AMENDED CAT C CIRCLING MDA/HAA FROM 800/556 TO 1180/936 AND VISIBILITY FROM 1 5/8 TO 2 3/4 - NEW CONTROLLING OBSTACLE IDENTIFIED IN LARGER CIRCLING AREA. VISIBILITY COMPUTED USING HIGHER HAA.
13. AMENDED CAT D CIRCLING MDA/HAA FROM 860/616 TO 1240/996 AND VISIBILITY FROM 2 TO 3 - NEW CONTROLLING OBSTACLE IDENTIFIED IN LARGER CIRCLING AREA. VISIBILITY COMPUTED USING HIGHER HAA.



**COORDINATED WITH:**

A4A ☐   ALPA ☒   AOPA ☒   APA ☐   HAI ☐   NBAA ☒   OTHER: ZBW, BOS APP CON, PWM APP CON, AMGR

**FLIGHT CHECKED BY**

DURLEY J FELDER

*Digitally signed by*   **OFFICE**

**DATE**

**WARDELL HENNING**   FICO

2/19/19

Feb 25, 2019

**DEVELOPED BY**

WARDELL HENNING (TODD BOWLING)

*Digitally signed by*

**WARDELL HENNING**

**OFFICE**

AJV-A432

**DATE**

12/05/2018

Feb 25, 2019

**APPROVED BY**

PATRICK MULQUEEN

*Digitally signed by*

**WARDELL HENNING**

**OFFICE**

AJV-A43

**DATE**

**TITLE**

MANAGER

Feb 25, 2019