

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

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>AIRPORT ID</u> KFSM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SANFORD	<u>STATE</u> ME	
<u>AIRPORT ELEVATION</u> 244	<u>TDZE</u> 239	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 17W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1990

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PEASE		SEROC		TF	FB	1.00	088.47	15.74	3000
MESHL	IAF	SACTO		TF	FB	1.00	280.93	12.99	2000
SEROC	IAF	SACTO		TF	FB	1.00	027.85	7.90	2000
SACTO	IF	RYDER		TF	FB	1.00	316.09	6.55	2000
RYDER	FAF	RW32	MAP	TF	FO	0.30	315.98	5.45	
RW32	MAP	644 MSL		CA			315.98		
644 MSL		GUNTY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 DIRECT GUNTY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. INCORPORATED P-NOTAM IFDC 0/0537
2. TERMINAL ROUTES: REPLACED PSM VOR/DME TO ARMIE WITH PEASE TO SEROC - PSM VOR/DME DECOMMISSION AND REPLACED ARMIE; COORDINATED WITH FPT TO MEET MINIMUM LEG LENGTH, 8260.58A CHANGE 2.1-3-1.
3. TERMINAL ROUTES AND PROFILE LINE 3: CHANGED SACTO TO RYDER COURSE/DISTANCE FROM 316.08/6.63 TO 316.09/6.55 AND RYDER TO RW32 FROM 315.99/5.37 TO 315.98/5.45 - RELOCATED RYDER 486 FEET SOUTHEAST, NEW EVALUATION.
4. TERMINAL ROUTES: CHANGED DF LEG FROM 644 MSL TO ENE VORTAC TO 644 MSL TO GUNTY - CHANGED MISSED HOLDING FROM ENE VORTAC WITH GUNTY PER FPT, 8260.58A, 3-7-3A.1(B)1.
5. MISSED APPROACH INSTRUCTIONS: CHANGED FROM CLIMBING RIGHT TURN TO 3000 DIRECT ENE VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 TO CLIMBING RIGHT TURN TO 3000 DIRECT GUNTY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 - CHANGED MISSED APPROACH FROM ENE VOR/DME TO GUNTY PER FPT AND TO ADDRESS THE DF LOCATED INSIDE DF TURN ARCS, 8260.58A APPENDIX B 3(A).
6. PROFILE VIEW LINE 7: CHANGED 34:1 FROM IS NOT CLEAR TO IS CLEAR AND ADDED 20:1 IS CLEAR - CLEAR BY TARGETS EVALUATION; 8260.19I, 8-6-7.G(3)A.
7. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH TO PBN REQUIREMENTS NOTE - 8260.19I, 8-6-8.B(1).
8. CHART PLANVIEW NOTE: REMOVED PROCEDURE NA FOR ARRIVALS AT PSM VOR/DME ON V3 SOUTHBOUND; REPLACED ARRIVALS AT ARMIE ON V167 SOUTHBOUND WITH PROCEDURE NA FOR ARRIVALS AT SEROC ON V167 SOUTHBOUND - REPLACED PSM VOR/DME WITH PEASE AND ARMIE WITH SEROC, PEASE WP NOT ON V3, 5.65 FEET NORTHEAST OF PSM.
9. REMOVED CHART NOTE: WHEN RWY 32 VGSJ INOPERATIVE, STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT - NO VISUAL SURFACE PENETRATIONS 8260.19I, CHAPTER 8-6-11.O(2)H.
10. CHART NOTE: REMOVED HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA - NO VISUAL PENETRATIONS, 20:1 AND 34:1 IS CLEAR.
11. ADDITIONAL FLIGHT DATA:
CHANGED HOLD NE, LT, 242.00 INBOUND TO HOLD E, RT, 255.51 INBOUND - HOLDING CHANGED FROM ENE VOR/DME TO GUNTY.
CHANGED FAS OBST: FROM 399 TREE 432215N/0704012W TO 400 AAO 432137N/0703756W - NEW CONTROLLING OBSTACLE.
CHANGED 7:1 OBSTACLE HEIGHT FROM 410 TO 409 - OBSTACLE UPDATED 06/01/2014.
ADDED CHART VDP AT 1.24 NM TO RW32 - UPDATED TARGETS EVALUATION/VDP PUBLISHABLE, 8260.3D 2-6-5.A ADDED CHART CIRCLING ICON - ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.
12. REMOVED BACKUP ALTIMETER AND ASSOCIATED NA NOTES - MOVED TO -9 AS A CONTINGENCY.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** AMGR, ZBOB, PWM APP CON

FLIGHT CHECKED BY

DANIEL KIRBY

Digitally signed by

JASON KRETSCHMER

Apr 15, 2021

OFFICE

FICO

DATE

04/14/2021

DEVELOPED BY

JASON KRETSCHMER (RAYMOND JOHNSON)

Digitally signed by

JASON KRETSCHMER

OFFICE

AJV-A421

DATE

03/10/2021

APPROVED BY

MARLON ROBINSON

Mar 10, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER

Digitally signed by

JASON KRETSCHMER

Mar 10, 2021

