

**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> KMSS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MASSENA	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 221	<u>TDZE</u> 221	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 03/25/2021	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 1980
<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>		

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>
SSENA		SALAS		TF	FO	1.00	018.43	11.30	2500
SALAS	IF/IAF	NEKIC		TF	FB	1.00	225.33	6.03	1900
NEKIC	FAF	ZATSI/2.05 NM TO RW23		TF	FB	0.30	225.27	3.08	
ZATSI/2.05 NM TO RW23		RW23	MAP	TF	FO	0.30	225.27	2.05	
RW23	MAP	620 MSL		CA			225.27		
620 MSL		DORIE		DF	FO	1.00			2800

MISSED APPROACH

MAP:
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2800 DIRECT DORIE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE SALAS, LT, 225.33 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 225.27FAF: NEKICDIST FAF TO MAP: 5.13DIST FAF TO THLD: 5.13

4. MIN ALT: SALAS 2500, NEKIC 1900, ZATSI/2.05 NM TO RW23 900

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW23 3700

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN RWY 23 NA AT NIGHT, CIRCLING RWY 9, 23, 27 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 045.12 INBOUND.
CHART FAS OBST: 359 TREE 445659N/0744928W.
CHART ADIRONDACK MOA.
CHART CRANBERRY MOA.
CHART TUPPER MOA.
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LNAV MDA	620	1	399	620	1	399	620	1 1/8	399	620	1 1/8	399			
CIRCLING	740	1	519	740	1	519	880	1 3/4	659	880	2	659			



CHANGES - REASONS

1. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - EXPANDED CIRCLING IMPLEMENTED.
2. UPDATED SEGMENT IN TERMINAL ROUTES FROM "FROM MSS VORTAC TO SALAS, RNP 2.00, COURSE 018.45" TO "FROM SSENSA TO SALAS, RNP 1.00, COURSE 018.43" - VORTAC SCHEDULED FOR DECOMMISSIONING, RNP VALUE SET TO CURRENT CRITERIA, CRS UPDATED FOR NEW POINT.
3. UPDATED SALAS TO NEKIC LEG COURSE/DISTANCE IN TERMINAL ROUTES FROM "225.32/6.10" TO "225.33/6.03" - FAF, NEKIC, MOVED FOR DESIGN DESCENT ANGLE AND TCH CHANGE.
4. UPDATED SEGMENT IN TERMINAL ROUTES FROM "FROM NEKIC TO ZATSI/2.00 NM TO RWY23, DISTANCE 3.06" TO "FROM NEKIC TO ZATSI/2.05 NM TO RWY23, DISTANCE 3.08" - LEG DIST AND ZATSI DIST TO RWY UPDATED FOR NEKIC AND ZATSI MOVING.
5. UPDATED SEGMENT IN TERMINAL ROUTES FROM "FROM ZATSI/2.00 NM TO RWY23 TO RW23, COURSE 225.25, DISTANCE 2.00" TO "FROM ZATSI/2.05 NM TO RWY23 TO RW23, COURSE 225.27, DISTANCE 2.05" - LEG CRS/DIST AND ZATSI DIST TO RWY UPDATED FOR ZATSI MOVING.
6. UPDATED SEGMENT IN TERMINAL ROUTES FROM "RW23 TO 621 MSL, COURSE 225.25" TO "RW23 TO 620 MSL, COURSE 225.27" - CRS UPDATED TO MATCH FINAL SEGMENT, CA BASED ON LNAV MDA.
7. UPDATED SEGMENT IN TERMINAL ROUTES FROM "621 MSL TO DORIE" TO "620 MSL TO DORIE" - CA BASED ON LNAV MDA.
8. UPDATED PROFILE SECTION, LINE 2, INBOUND COURSE FROM "225.32" TO "225.33" - REALIGNED HOLDING PATTERN WITH INTERMEDIATE SEGMENT.
9. UPDATED PROFILE SECTION, LINE 3, DIST FAF TO MAP FROM "5.06" TO "5.13" AND DIST FAF TO THLD FROM "5.06" TO "5.13" - FAF, NEKIC, MOVED.
10. UPDATED PROFILE SECTION, LINE 4, FROM "ZATSI/2.00 NM TO RW23" TO "ZATSI/2.05 NM TO RW23" - SDF, ZATSI, MOVED.
11. UPDATED PROFILE SECTION, LINE 8, FROM "3800" TO "3700" - NEW CONTROLLING OBSTACLE.
12. CHANGED OBSTACLE NOTE IN ADDITIONAL FLIGHT DATA FROM "CHART FAS OBST: 439 POWERLINE 445805N/0744943W" TO "CHART FAS OBST: 359 TREE 445659N/0744928W" - NEW CONTROLLING OBSTACLE.
13. CHANGED ALTERNATE MINIMUMS FROM "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - CAT D VIS NOW WITHIN ALTERNATE REQUIREMENTS.
14. LNAV CAT A/B MDA/HAT CHANGED FROM "740/519" TO "620/399" CAT C MDA/VIS/HAT FROM "740/1 1/2/519" TO "620/1 1/8/399" CAT D FROM "740/1 3/4/519" TO "620/1 1/8/399" - NEW CONTROLLING OBSTACLE, VIS UPDATED FOR LOWER MINIMA.
15. CIRCLING CAT C MDA/VIS/HAA CHANGED FROM "800/1 1/2/579" TO "880/1 3/4/659" - NEW CONTROLLING OBSTACLE.
16. CIRCLING CAT D MDA/VIS/HAA CHANGED FROM "900/2 1/4/679" TO "880/2/659" - XP REMOVED KEEPING MINIMA AS PREVIOUSLY PUBLISHED.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☐ **OTHER:** ZBW, EASTERN FPT, AMGR

FLIGHT CHECKED BY

BOB S PRESSLER

*Digitally signed by***JASON KRETSCHMER****OFFICE**

FICO

DATE

05/07/2021

May 10, 2021

DEVELOPED BY

JASON KRETSCHMER (COLIN CAMPBELL)

*Digitally signed by***JASON KRETSCHMER****OFFICE**

AJV-A421

DATE

12/09/2020

APPROVED BY

MARLON ROBINSON

Jan 14, 2021

OFFICE

AJV-A420

DATE**TITLE**
MANAGER*Digitally signed by***JASON KRETSCHMER**

Jan 14, 2021

