

**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</u> MINDEN-TAHOE	<u>AIRPORT ID</u> KMEV	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> MINDEN	<u>STATE</u> NV
<u>AIRPORT ELEVATION</u> 4724	<u>TDZE</u>	<u>SUPERSEDED</u> GPS-B	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 09/09/1999	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<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>
SPOOK		IRPOH		TF	FB	2.00	064.26	24.49	12300
IRPOH	IAF	VOKXY		TF	FB	1.00	345.00	5.50	10400
VOKXY	IF	VACNU		TF	FB	1.00	345.00	5.50	8800
VACNU	FAF	GOWVO	MAP	TF	FO	0.30	345.00	5.50	
GOWVO	MAP	5124 MSL		CA			345.00		
5124 MSL		VIKES		DF	FO	1.00			11000

MISSED APPROACH

MAP:

GOWVO

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 11000 DIRECT VIKES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- PROFILE STARTS AT VOKXY
- FAC:** 345.00 **FAF:** VACNU **DIST FAF TO MAP:** 5.50 **DIST FAF TO THLD:**
- MIN ALT:** VOKXY 10400, VACNU 8800
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:**
- MSA FROM:** GOWVO 12000



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D SW OF RWYS 12 AND 34.
 CHART NOTE: CIRCLING RWY 12L, 30R NA AT NIGHT.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPOOK ON V28-113 SOUTHBOUND.
 CHART PLANVIEW NOTE AT IRPOH: MAX 250 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 VACNU TO RW34: 6.34/31.
 FAS OBST: 5033 AAO 385430N/1194421W.
 HOLD E, LT, 264.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA CAT A, B 1800-2, CAT C, D 1800-3

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
CIRCLING	6480	1 1/4	1756	6480	1 1/2	1756	6480	3	1756	6480	3	1756			

CHANGES - REASONS

- PROCEDURE NAME CHANGED FROM GPS-B TO RNAV (GPS)-B - IAW CURRENT CRITERIA.
- CHANGED IAF (IRPOH) ALTITUDE FROM 13100 TO 12300 - NEW OBSTACLE DATA, UPDATED EVALUATION.
- ADDED DISTANCE FAF TO MAP 5.50 - IAW 8260.19H, PARA 8-6-7C(3), ENTER THE DISTANCE FROM THE FAF TO THE MAP IN NAUTICAL MILES AND HUNDREDTHS.
- LOWERED CIRCLING MDA/HAA ALL CATS FROM 6600/1874 TO 6480/1756 - UPDATED EVALUATION.
- CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 12000 VIA 345 COURSE TO LACFA AND HOLD" TO "CLIMBING RIGHT TURN TO 11000 DIRECT VIKES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000" - NEW EVALUATION, HOLDING CHANGED FROM LACFA TO VIKES AND CLIMB IN HOLD REQUIRED DUE TO NEW HOLDING/DIRECTION.
- CHANGED HOLDING FROM "HOLD S, RT, 345.00 INBOUND" TO "HOLD E, LT, 264.00 INBOUND" - NEW MISSED APPROACH INBOUND COURSE, HOLDING FIX CHANGED FROM LACFA TO VIKES.
- CHANGED FAS OBSTACLE FROM 4939 50' TREE TO 5033 AAO IN ADDITIONAL FLIGHT DATA - UPDATED EVALUATION.
- ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19H 8-6-10T.
- CHANGED "VACNU WP TO RW34: 6.39/31" TO "VACNU TO RW34: 6.34/31"- UPDATED EVALUATION.
- ADDED ALTERNATE MINIMUMS "@ CAT A, B 1800-2, CAT C, D 1800-3 - CAT A/B CIRCLING VISIBILITY WAS INCREASED TO 2 AND CAT C/D VISIBILITY WAS INCREASED TO 3.
- ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, PARA 8-6-8B(1) AND MEMO 257 DATED 9/12/2017.
- ADDED CHART NOTE: CIRCLING RWY 12L, 30R NA AT NIGHT - IAW 8260.19H, PARA 8-6-11O(2), 20:1 PENETRATIONS.
- ADDED CHART NOTE: CIRCLING NA FOR CAT D SW OF RWYS 12 AND 34 - OBSTACLE AVOIDANCE.
- ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPOOK ON V28-113 SOUTHBOUND - UPDATED EVALUATION.
- CHANGED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19H, PARA 8-6-9M(2).
- ADDED CHART PLANVIEW NOTE AT IRPOH: MAX 250 KIAS - SPEED RESTRICTIONS ADDED TO MEET SEGMENT LENGTH REQUIREMENTS.

07/02/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/27/18.

- 8260-3 CHANGED TERMINAL ROUTES SPOOK TO IRPOH ALTITUDE FROM 11600 TO 12300.
- 8260-3 CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 5200 THEN CLIMBING RIGHT TURN TO 11000 VIKES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000" TO "CLIMBING RIGHT TURN TO 11000 VIKES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000".
- 8260-3 CHANGED MISSED APPROACH CA LEG ALTITUDE FROM 5200 TO 5124.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: RNO ATCT, ZOA, AMGR, ATA

FLIGHT CHECKED BY

DONALD MCGOUGH

Digitally signed by

DAVID TEFFETELLER

Jul 25, 2018

OFFICE

FICO

DATE

7/17/18

DEVELOPED BY

DIANE S LAIR

Digitally signed by

DIANE S LAIR

Jul 06, 2018

OFFICE

AJV-5433

DATE

03/27/2018

APPROVED BY PATRICK

MULQUEEN

Digitally signed by

DAVID TEFFETELLER

Jul 25, 2018

OFFICE

AJV-5430

DATE

TITLE

MANAGER

