

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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> KRNO	<u>PROCEDURE NAME</u> RNAV (RNP) W RWY 35L	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> RENO	<u>STATE</u> NV		
<u>AIRPORT ELEVATION</u> 4415	<u>TDZE</u> 4410	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> 11/03/2022	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FMG VORTAC	IF	VCITY		TF	FB	1.00	167.15	6.26	8900
VCITY		WSHOE		RF	FB	0.30	(3.05 NM RADIUS CW (CFFCW))	1.97	7900
WSHOE		RSNAK		RF	FB	0.30	(3.05 NM RADIUS CW (CFFCW))	1.12	7800
RSNAK		DONER		RF	FB	0.30	(3.05 NM RADIUS CW (CFFCW))	0.48	7700
DONER		# GRZLI	PFAF	RF	FB	0.30	(3.05 NM RADIUS CW (CFFCW))	1.55	7300
GRZLI	PFAF	# LDYBG		RF	FB	0.30	(2.10 NM RADIUS CW (CFFTF))	3.08	
LDYBG		RW35L	MAP	TF	FO	0.30	347.11	4.50	
RW35L	MAP	TAKLE		TF	FO	1.00	347.12	12.63	11000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 11000 ON TRACK 347.12 TO TAKLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000.
*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 300 FEET PER NM TO 7140.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)

2. PROFILE STARTS AT FMG VORTAC

3. **FAC: #** **PFAF: GRZLI** **DIST PFAF TO MAP:** **DIST PFAF TO THLD:**

4. **MIN ALT:** FMG VORTAC 10000, VCITY 8900, WSHOE 7900, RSNK 7800, DONER 7700, GRZLI 7300

5. **DIST TO THLD FROM PFAF:** 7.58 **MM:** **IM:** **150 HAT:** **326 HAT:** 0.68 **GS ANT:**

6. **MIN GP INCPT:** 7300 **GP ALT AT PFAF :** GRZLI 7300, LDYBG 6155 **OM:** **MM:** **IM:**

7. **GP ANGLE:** 3.50 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 72.2

8. **MSA FROM:** RW35L 12000

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW - 9°C OR ABOVE 35°C.
 CHART PLANVIEW NOTE AT FMG VORTAC: (RNP 0.30).
 CHART SPEED ICON IN PLANVIEW AT VCITY: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 167.12 INBOUND.
 CHART MANDATORY 10000 AT FMG VORTAC.

MINIMUMS:

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

ALTERNATE: NA CAT A, B, C, D 1000-2 1/2

CATEGORY:	A			B			C			D			E		
	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
AUTHORIZATION REQUIRED															
RNP 0.10 DA*	4736	1/2	326	4736	1/2	326	4736	1/2	326	4736	1/2	326			
RNP 0.30 DA	5349	2	939	5349	2	939	5349	2	939	5349	2	939			

CHANGES - REASONS



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOA, NORCAL APP CON, RNO ATCT, AMGR

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by
CASIMIR L TABAKA
Sep 07, 2022

DEVELOPED BY

TARA MARTINELLI

Digitally signed by
TYLER D MITCHELL
Aug 16, 2022

OFFICE

AJV-A431

DATE

08/01/2022

APPROVED BY

JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA
Sep 07, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

