

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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> TACAN-F	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> RENO	<u>STATE</u> NV		
<u>AIRPORT ELEVATION</u> 4415	<u>TDZE</u>	<u>SUPERSEDED</u> TACAN-F	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> FMG VORTAC	<u>COORDINATES OF FACILITIES</u> 393152.60N / 1193921.87W	<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
HZN VORTAC		WAKLO/FMG 19.00 DME					278.42	13.48	13000
NFL TACAN		WAKLO/FMG 19.00 DME					280.65	28.32	13000
WAKLO/19.00 DME	IAF	OKUGE/13.00 DME	NOPT				239.00	6.00	10000
OKUGE/13.00 DME	IF/IAF	MITAE/9.00 DME					239.00	4.00	9000
MITAE/9.00 DME		PUVUE/7.00 DME					239.00	2.00	8600
PUVUE/7.00 DME		FMG VORTAC					239.00	7.00	7900

MISSED APPROACH

MAP:

5.14 NM AFTER FMG VORTAC OR AT JINTU/5.14 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 13000 ON HEADING 090 AND FMG R-059 TO OKUGE/13.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD NE OKUGE, LT, 239.00 INBOUND, 10000 FT. IN LIEU OF PT (IAF), MAX 13000.
3. **FAC:** 239.00 **FAF:** FMG VORTAC **DIST FAF TO MAP:** 5.14 **DIST FAF TO THLD:**
4. **MIN ALT:** OKUGE/13.00 DME 10000, MITAE/9.00 DME 9000, PUVUE/7.00 DME 8600, FMG VORTAC 7900
8. **MSA FROM:** FMG VORTAC 130-250 12000, 250-350 10000, 350-130 9600

EQUIPMENT REQUIREMENTS NOTES:



NOTES:

CHART NOTE: CIRCLING NA FOR CAT E S OF RWY 8 AND W OF 35L-.
 CHART NOTE: CIRCLING RWY 8 NA AT NIGHT.
 CHART NOTE: APPROACHES RADAR MONITORED BY NORCAL APP CON. ARRIVALS FROM EAST AND AIRCRAFT ON MISSED APPROACH MAY BE VECTORED TO FINAL.
 CHART NOTE: CIRCLING NA FOR CAT E TO RWYS 8 AND 26.

ADDITIONAL FLIGHT DATA:

FAC 2040 FT SOUTH OF RWY 17L THESHOLD.
 6140 AAO 393153N/1193923W
 FAS OBST: 5760 AAO 393132N/1194036W.
 CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA CAT A, B 1900-2, CAT C, D, E 2100-3

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
CIRCLING	6220	1 1/4	1805	6220	1 1/2	1805	6460	3	2045	6460	3	2045	6460	3	2045

CHANGES - REASONS

FINAL APPROACH SEGMENT LENGTH CHANGED FROM "5.00NM" TO "5.14NM" & MOVED JINTU FROM "393034.67N/1194536.27W" TO "393032.53N/1194546.80W" - NEW MAP LOCATION PER FPT REQUEST.
 CHANGED FAS OBST FROM "CHART FAS OBST: 5628 TREE 393016N/1194136W" TO "FAS OBST: 5760 AAO 393132N/1194036W." - NEW OBSTACLE EVALUATION.
 MINIMUMS: CHANGED CIRCLING CAT A/B CMDA/HAA FROM "5960/1545" TO "6220/1805". - NEW OBSTACLE EVALUATION & 8260.3E: 2-6-2 & 2-6-4.
 MINIMUMS: CHANGED CIRCLING CAT C/D CMDA/HAA FROM "6360/1945" TO "6460/2045". - NEW OBSTACLE EVALUATION.
 INCREASED MINIMUM ALTITUDE FROM PUVUE (INTERMEDIATE STEPDOWN FIX) TO FMG VORTAC (FAF) FROM "7800" TO "7900" - UPDATED OBSTACLE AND MAP STUDY.
 ALL AIRPORT'S RUNWAY NUMBERS UPDATED DUE TO MAGVAR UPDATE: MAGVAR CHANGED FROM "16E/1985" TO "13E/2020"; CHANGED RUNWAY "7/25" TO "8/26", RUNWAY "16L/34R" TO 17L/35R", & RUNWAY "16R/34L" TO "17R/35L". - IAW 8260-19I TABLE 8-3-1.

COORDINATED WITH:

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

Digitally signed by
DAVID TEFFETELLER
 Aug 29, 2022

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

DEVELOPED BY

STEVEN M. BARNETT (TEVAR MALONE)

Digitally signed by
DAVID TEFFETELLER **OFFICE**
 AJV-A433
 Aug 29, 2022

DATE
 11/03/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by
DAVID TEFFETELLER
 Aug 29, 2022

OFFICE
 AJV-A430

DATE
 11/03/2022

TITLE
 MANAGER

