

**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</u> MC CARRAN INTL	<u>AIRPORT ID</u> KLAS	<u>PROCEDURE NAME</u> RNAV (RNP) RWY 8R	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> LAS VEGAS	<u>STATE</u> NV	
<u>AIRPORT ELEVATION</u> 2181	<u>TDZE</u> 2157	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 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>
YAGGR	IF	CEENA		TF	FB	0.50	002.22	3.22	7000
CEENA		MNDRN		TF	FB	0.50	002.45	3.08	6000
MNDRN		SAMOA		TF	FB	0.30	000.95	3.30	5000
SAMOA		EYUNG		RF	FB	0.30	(2.80 NM RADIUS CW (CFBDG))	1.59	4500
EYUNG		BHARP	PFAF	RF	FB	0.30	(2.80 NM RADIUS CW (CFDZP))	2.22	3800
BHARP	PFAF	RW08R	MAP	TF	FO	0.30	078.88	4.73	
RW08R	MAP	2544 MSL		CA			078.88		
2544 MSL		SCAAR		DF	FB	1.00			
SCAAR		FLAAR		TF	FB	1.00	089.96	7.84	
FLAAR		HNIBL		TF	FB	1.00	151.75	4.03	
HNIBL		VMPRE		TF	FO	1.00	211.35	8.35	7000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7000 ON THE RNAV MISSED APPROACH ROUTE TO VMPRE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT YAGGR
3. FAC: 078.88 PFAF: BHARP DIST PFAF TO MAP: DIST PFAF TO THLD:
4. MIN ALT: YAGGR 8000, CEENA 7000, MNDRN 6000, SAMOA 5000, EYUNG 4500, BHARP 3800
5. DIST TO THLD FROM PFAF: 4.73 MM: IM: 150 HAT: 387 HAT: 0.98 GS ANT:
6. MIN GP INCPT: 3800 GP ALT AT PFAF : BHARP 3800 OM: MM: IM:
7. GP ANGLE: 3.15 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 60.0
8. MSA FROM: RW08R 12900

PBN REQUIREMENTS NOTE:

RNP AR APCH.
RF REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 0°C OR ABOVE 54°C.
CHART PLANVIEW NOTE AT YAGGR: (RNP 0.30).
CHART SPEED ICON IN PLANVIEW AT YAGGR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT SAMOA: MAX 200 KIAS UNTIL BHARP.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 8000 AT YAGGR.
HOLD NE, LT, 211.35 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD



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
AUTHORIZATION REQUIRED															
RNP 0.10 DA	2544	1 1/8	387	2544	1 1/8	387	2544	1 1/8	387	2544	1 1/8	387			
RNP 0.30 DA	2613	1 3/8	456	2613	1 3/8	456	2613	1 3/8	456	2613	1 3/8	456			

CHANGES - REASONS

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLA, LAS APP CON, LAS ATCT, AMGR

FLIGHT CHECKED BY
DANIEL C FAVORITE

Digitally signed by
JOHN BORDY
Apr 07, 2020

OFFICE
FICO
DATE
3/31/2020

DEVELOPED BY
RALPH DUMAR

Digitally signed by
RALPH DUMAR
Feb 19, 2020

OFFICE
AJV-A422
DATE
2/20/2020

APPROVED BY
MARLON ROBINSON

Digitally signed by
JOHN BORDY
Apr 07, 2020

OFFICE
AJV-A420
DATE
TITLE
MANAGER

