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.

AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
MOFFETT FEDERAL AFLD	KNUQ	RNAV (GPS) RWY 14R	1	MOUNTAIN VIEW	CA

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
37	14	RNAV (GPS) RWY 14R	ORIG	07/19/2018	16E	1980

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV		20 JUNE 2019	06/20/2019	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OAK VOR/DME		PEYIC		TF	FB	1.00	129.74	3.35	3200
PEYIC	IAF	EVOCU		TF	FB	1.00	141.63	5.00	2600
EVOCU	IF	WHELP		TF	FB	1.00	142.58	6.28	1700
WHELP	FAF	RW14R	MAP	TF	FO	0.30	141.70	5.16	
RW14R	MAP	540 MSL		CA			141.70		
540 MSL		PEYIC		DF	FO	1.00			3200

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW14R

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 540 THEN CLIMBING LEFT TURN TO 3200 DIRECT PEYIC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY 18 CHECKED

PROFILE:

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

2. PROFILE STARTS AT PEYIC

3. FAC: 141.70 **FAF:** WHELP **DIST FAF TO MAP:** 5.16 **DIST FAF TO THLD:** 5.16

4. MIN ALT: PEYIC 3200, EVOCU 2600, WHELP 1700

5. DIST TO THLD FROM OM: **MM:** **IM:** **150 HAT:** **250 HAT:** 0.65 **GS ANT:**

6. MIN GP INCPT: 1700 **GP ALT AT FAF :** WHELP 1700 **OM:** **MM:** **IM:**

7. GP ANGLE: 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 53.0

8. MSA FROM: RW14R 5600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OAK VOR/DME ON V25 AND V87 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART ARRIVAL HOLDING AT PEYIC: HOLD NW, RT, 141.63 INBOUND, 3200.
CHART CIRCLING ICON.
CHART VDP AT 1.26 NM TO RW14R*
*LNAV ONLY
WAAS CHANNEL #81942
REFERENCE PATH ID: W14B
CHART FAS OBST: 210 TRANSMISSION_LINE 372655N/1220446W.
CHART: 212 TRANSMISSION_LINE 373029N/1220503W.
LTP HAE: -31.3 M

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

ALTERNATE: **NA** ☐ STANDARD - CAT D 800-2 1/4

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
LPV DA	264	3/4	250	264	3/4	250	264	3/4	250	264	3/4	250			
LNAV/VNAV DA	364	1	350	364	1	350	364	1	350	364	1	350			
LNAV MDA	460	1	446	460	1	446	460	1 3/8	446	460	1 3/8	446			
CIRCLING	540	1	503	600	1	563	620	1 1/2	583	780	2 1/4	743			

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CHANGES - REASONS

1. CHANGED FOR UNCOMPENSATED BARO-VNAV SYSTEMS NOTE FROM: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 54C (130F)" TO: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C OR ABOVE 54C - REMOVED FAHRENHEIT TEMPERATURES IAW 8260.19H CRITERIA.
2. LOWERED LNAV/VNAV DA/HAT FROM 413/399 TO 364/350 - NEW MISSED APPROACH CONTROLLING OBSTRUCTION.
3. LOWERED LNAV/VNAV VISIBILITY FROM 1-1/8 TO 1 - PER 8260.3D VISIBILITY TABLE.
4. CHANGED LENGTH OFFSET FROM 0280 TO 0272 - PER TARGETS EVALUATION.
5. CRC REMAINDER CHANGED FROM 64D7F170 TO F375A5EA - LENGTH OFFSET CHANGED FROM 0280 TO 0272.
6. REMOVED NOTE: CIRCLING RWY 32L NA AT NIGHT - AIRPORT REMOVED 20:1 PENETRATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** APRT MGR, ZOA, NORCAL APP CON, NUQ ATCT.

FLIGHT CHECKED BY		OFFICE	DATE	
PENDING				
DEVELOPED BY	*Digitally signed by* ***MIKE MELSSEN*** Mar 25, 2019	**OFFICE**	**DATE**	
MIKE MELSSEN		AJV-A432	01/03/2019	
APPROVED BY	*Digitally signed by* ***WARDELL HENNING*** Mar 28, 2019	**OFFICE**	**DATE**	**TITLE**
PATRICK MULQUEEN		A43		MANAGER

QUALITY 18 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KNUQ
RUNWAY	RW14R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14B
LTP/FTP LATITUDE	372530.7975N
LTP/FTP LONGITUDE	1220318.1025W
LTP/FTP ELLIPSOIDAL HEIGHT	-00313
FPAP LATITUDE	372408.2480N
FPAP LONGITUDE	1220235.7070W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0272
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F375A5EA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00012
FPAP ORTHOMETRIC HEIGHT	+00012

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