

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

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> MOFFETT FEDERAL AFLD	<u>AIRPORT ID</u> KNUQ	<u>PROCEDURE NAME</u> LOC RWY 14L	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> MOUNTAIN VIEW	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 37	<u>TDZE</u> 6	<u>SUPERSEDED</u> LOC/DME RWY 14L	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/07/2013	<u>MAG VAR</u> 16E
<u>FACILITY</u> I-MNQ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> 06/20/2019	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1980

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>
PEYIC/NUQ TACAN 16.00 DME	IAF	EVOCU/I-MNQ 12.93 DME					141.71	5.00 (I-MNQ)	2600
EVOCU/I-MNQ 12.93 DME	IF	NIRYI/I-MNQ 6.84 DME					141.71	6.10 (I-MNQ)	1700

MISSED APPROACH

MAP:

LOC: CILGU/I-MNQ 2.13 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3200 ON HEADING 285 AND ON NUQ TACAN R-321 TO PEYIC/NUQ TACAN 16.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD NW PEYIC, RT, 140.90 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 141.71 **FAF:** NIRYI/I-MNQ 6.84 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.15
4. **MIN ALT:** PEYIC/NUQ TACAN 16.00 DME 3200, EVOCU/I-MNQ 12.93 DME 2600, NIRYI/I-MNQ 6.84 DME 1700
8. **MSA FROM:** NUQ TACAN 020-110 5600, 110-200 5100, 200-290 4000, 290-020 5000

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.
TACAN REQUIRED.

NOTES:



ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
NIRYI TO RW14L: 3.00/53.2.
CHART FAS OBST: 88 TRANSMISSION_LINE 372638N/1220334W.
CHART: 226 TRANSMISSION_LINE 373038N/1220637W.

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

ALTERNATE: NA ☐ LOC: STANDARD - CAT D 800-2 1/2, NA WHEN TOWER CLOSED.

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
S-LOC 14L	340	1	334	340	1	334	340	1	334	340	1	334			
CIRCLING	540	1	503	600	1	563	620	1 1/2	583	780	2 1/2	743			

CHANGES - REASONS

1. UPDATED LINE 2 HOLD IN LIEU COURSE INBOUND FROM 140.89 INBOUND TO 140.90 INBOUND. - USED AIRNAV UPDATE.
2. UPDATED LINE 8 MSA FROM 110-200 ALTITUDE FROM 4100 TO 4000 AND 290-020 FROM 5100 TO 5000. - NEW CONTROLLING OBSTACLES.
3. REPLACED ADDITIONAL FLIGHT DATA NOTE "CHART PLANVIEW NOTE: RADAR REQUIRED" WITH EQUIPMENT REQUIREMENTS NOTE "RADAR REQUIRED FOR PROCEDURE ENTRY". -IAW 8260.19H 8-6-8A(1).
4. MOVED NOTE TACAN REQUIRED TO EQUIPMENT REQUIREMENTS NOTES. -IAW 8260.19H 8-6-8A(1).
5. REMOVED NOTE VGSI AND DESCENT ANGLES NOT COINCIDENT. - ANGLE NOW COINCIDENT.
6. REMOVED NOTE CIRCLING TO RWY 32L NA AT NIGHT. - 20:1 PENETRATION REMOVED.
7. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART CIRCLING ICON". - IAW 8260.19H 8-6-10T.
8. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM NIRYI TO RW14L: 3.01/52 TO NIRYI TO RW14L 3.00/53.2. - TO MATCH VGSI.
9. UPDATED CHART FAS OBST FROM 125 POWERLINES 372637N/1220333W TO 88 TRANSMISSION LINE 372638N/1220334W.- NEW CONTROLLING OBSTACLES.
9. UPDATED CHARTED 7:1 OBSTACLE FROM 225 TOWER 373038N/1220637W TO 226 TRANSMISSION LINE 373038N/1220637W.- NEW CONTROLLING OBSTACLES.
10. UPDATED TDZE FROM 5 TO 6. - DATA UPDATE.
11. UPDATED S-LOC 14L MDA/HAT ALL CATS FROM 380/375 TO 340/334 AND CAT D VISIBILITY FROM 1 1/4 TO 1. - NEW CONTROLLING OBSTACLES.
12. UPDATED CIRCLING MDA/HAA CAT B FROM 540/503 TO 600/563, CAT C FROM 600/563 TO 620/583 AND CAT D FROM 620/583 TO 780/743 AND VISIBILITY FROM 2 TO 2 1/2. - NEW CIRCLING CRITERIA AND NEW CONTROLLING OBSTACLES.
13. PROCEDURE NAME CHANGED FROM LOC/DME RWY 14L TO LOC RWY 14L. -IAW 8260.19H.
14. UPDATED ALTERNATE MINIMUMS FROM NA TO LOC: STANDARD - CAT D 800-2 1/2, NA WHEN TOWER CLOSED.- IAW 8260.19H.
15. REMOVED NOTE "CHART NOTE: DME FROM NUQ TACAN. SIMULTANEOUS RECEPTION OF I-MNQ AND NUQ DME REQUIRED". - LOC NOW HAS DME.
16. CHANGED DME SOURCE FOR ALL FIXES EXCEPT PEYIC FROM NUQ TO I-MNQ. - NEW DME SOURCE AT LOC.
17. ADDED DME REQUIRED TO EQUIPMENT REQUIREMENTS NOTES. - IAW 8260.19H 8-6-8A(1).
18. REMOVED "CHART NUQ TACAN IN PROFILE" FROM ADDITIONAL FLIGHT DATA. - DME SOURCE IS FROM THE LOC.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

DEVELOPED BY Digitally signed by
CHRISTINE BAYSE CHRISTINE BAYSE

OFFICE
AJV-A432

DATE
02/22/2019

APPROVED BY Mar 21, 2019 Digitally signed by
PATRICK MULQUEEN WARDELL HENNING
Mar 28, 2019

OFFICE

DATE

TITLE
MANAGER

