

**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.

<u>AIRPORT ID</u> MRY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MONTEREY	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 257	<u>TDZE</u> 198	<u>SUPERSEDED</u> RNAV (GPS) RWY 10R	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/10/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 15E
				<u>EPOCH YEAR</u> 2000
				<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>
SNS VORTAC		ZEBED		TF	FO	1.00	251.85	19.95	3600
ZEBED	IF/IAF	MINCK		TF	FB	1.00	097.66	3.71	1700
MINCK	FAF	RW10R	MAP	TF	FO	0.30	097.69	4.69	
RW10R	MAP	1000 MSL		CA			097.69		1000
1000 MSL		SNS VORTAC		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 5000 DIRECT SNS VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.
*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 387 FEET PER NM TO 1700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W ZEBED, RT, 097.66 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 097.69	FAF: MINCK		DIST FAF TO MAP: 4.69	DIST FAF TO THLD: 4.69	
4. MIN ALT: ZEBED 2600, MINCK 1700					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.60	GS ANT:
6. MIN GP INCPT: 1700	GP ALT AT PFAF: MINCK 1700			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 45.0		IM:
8. MSA FROM: RW10R 6300					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C.
CHART NOTE: CIRCLING NA S OF RWY 10R-28L.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SNS VORTAC AIRWAY RADIALS 167 CW 293.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO 1 3/8 SM AND LNAV CAT C/D VISIBILITY TO 2 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 084.00 INBOUND.
CHART FAS OBST: 772 TREE (06-108620) 363600N/1215503W.
CHART VDP AT 2.41 NM TO RW10R.
WAAS CHANNEL # 69602
REFERENCE PATH ID: W10A
CHART CIRCLING ICON.
LTP HAE: 14.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1100-3, CAT D 800-2 1/2

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*	398	2400	200	398	2400	200	398	2400	200	398	2400	200			
LPV DA	677	5000	479	677	5000	479	677	5000	479	677	5000	479			
LNAV/VNAV DA	754	6000	556	754	6000	556	754	6000	556	754	6000	556			
LNAV MDA	980	2400	782	980	4000	782	980	1 3/4	782	980	1 3/4	782			
CIRCLING	980	1	723	980	1 1/4	723	1280	3	1023		NA				



CHANGES - REASONS

1. MISSED APPROACH INSTRUCTIONS: ADDED “*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 387 FEET PER NM TO 1700” - REQUIRED FOR NEW LPV LINE OF MINIMA TO 398 DA/200 HAT.
2. PROFILE LINE 4: ADDED ZEBED 2600 - IF/IAF ZEBED IS CHARTED IN PROFILE VIEW, 8260.19J PARA 8-6-7.D.
3. PROFILE LINE 5: CHANGED “DIST TO THLD FROM 520 HAT: 1.61” TO “DIST TO THLD FROM 200 HAT: 0.60” - ADDITION OF NEW LPV MINIMA TO 398 DA/200 HAT.
4. PROFILE LINE 6: REFORMATTED “GP ALT AT FAF: MINCK” TO “ GP ALT AT PFAF: MINCK 1700” - 8260.19J PARA 8-6-7.F.(4).
5. PBN REQUIREMENTS NOTE: UPDATED “RNP APCH” TO “RNP APCH - GPS” - LATEST CRITERIA, 8260.19J PARA 8-6-8.D.(5)(A)1.
6. NOTES, UNCOMPENSATED BARO-VNAV SYSTEM NOTE: CHANGED CRITICAL LOW TEMPERATURE FROM 0C TO 2C - NEW AVERAGE COLD TEMPERATURE (ACT) CALCULATION BASED ON 3-YEAR HISTORY 2021-2023.
7. NOTES: REFORMATTED “CIRCLING NA S OF RWYS 10R AND 28L” TO “CIRCLING NA S OF RWY 10R-28L” - 8260.19J PARA 8-6-12.O.(5)(A).
8. NOTES: UPDATED “FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY ALL CATS TO 1 7/8 SM, LNAV/VNAV VISIBILITY ALL CATS AND LNAV CAT C/D TO 2 1/2 SM” TO “FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO 1 3/8 SM AND LNAV CAT C/D VISIBILITY TO 2 1/2 SM” - NEW LPV AND LNAV/VNAV VISIBILITY EVAL, 8260.3F TABLE 3-3-1.
9. ADDITIONAL FLIGHT DATA, CHART FAS OBST: ADDED IDENTIFIER “06-108620” - 8260.19J PARA 8-6-11.C.
10. ADDITIONAL FLIGHT DATA: DELETED “*LNAV ONLY” AND ASTERIX FROM CHART VDP NOTE - NO LONGER REQUIRED.
11. ADDITIONAL FLIGHT DATA: DELETED “DISTANCE TO THLD FROM 520 HAT: 1.61 NM” - INFORMATION UPDATED AND MOVED TO PROFILE LINE 5.
12. ALTERNATE MINIMUMS: CHANGED CAT D FROM NA TO 800-2 1/2 - BASED ON LNAV WITHOUT APPROACH LIGHTS, 8260.3F PARA 3-4-1.
13. MINIMUMS: ADDED LPV LINE TO 398 DA/200 HAT - FPT REQUEST, ALLOWS AIRCRAFT NOT EQUIPPED WITH ILS TO FLY TO LOWEST MINIMUMS.
14. MINIMUMS: LOWERED LPV ALL CATS DA/HAT FROM 718/520 TO 677/479 - NEW OBSTACLE EVALUATION.
15. MINIMUMS: LOWERED LPV ALL CATS VISIBILITY FROM 1 1/2 SM TO RVR 5000 (1 SM) - LOWER LPV DA AND NEW VISIBILITY CALCULATION, 8260.3F TABLE 3-3-1.
16. MINIMUMS: LOWERED LNAV/VNAV ALL CATS DA/HAT FROM 789/591 TO 754/556 - NEW OBSTACLE EVALUATION.
17. MINIMUMS: LOWERED LNAV/VNAV ALL CATS VISIBILITY FROM 1 3/4 SM TO RVR 6000 (1 1/8 SM) - LOWER LNAV/VNAV DA AND NEW VISIBILITY CALCULATION, 8260.3F TABLE 3-3-1.
18. FAS DATA: CHANGED FPAP LAT/LONG FROM 363451.9840N/1214936.9970W TO 363451.9775N/1214937.0000W AND VERTICAL ALERT LIMIT (VAL) FROM 50.0 TO 35.0 - NEW FAS DATA CALCULATION.
19. FAS DATA: CHANGED CRC REMAINDER FROM AC2E30ED TO 01D0DB97 - NEW FAS DATA CALCULATION.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☒

HAI

☐

NBAA

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OTHER:

NCT, KMRY ATCT, ZOA

FLIGHT CHECKED BY

TROY E DEVINE

Digitally signed by

RAKE MCGRAW

Feb 19, 2025

OFFICE

AJF

DATE

02/18/2025

DEVELOPED BY

RICHARD BRUCE

Digitally signed by

RICHARD A BRUCE

Dec 18, 2024

OFFICE

AJV-A422

DATE

12/18/2024

APPROVED BY

BEV L BORDY

Digitally signed by

RAKE MCGRAW

Feb 19, 2025

OFFICE

AJV-A420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMRY
RUNWAY	RW10R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	363526.4840N
LTP/FTP LONGITUDE	1215119.0240W
LTP/FTP ELLIPSOIDAL HEIGHT	+00145
FPAP LATITUDE	363451.9775N
FPAP LONGITUDE	1214937.0000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	01D0DB97

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00488
FPAP ORTHOMETRIC HEIGHT	+00488

