

**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> SMO	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 3	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> SANTA MONICA	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 170	<u>TDZE</u> 164	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 3	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 12E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
			<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>
WAKER	IAF	NATHN		TF	FB	1.00	112.66	11.07	3500
NATHN	IF	THACH		TF	FB	1.00	051.65	6.06	2000
THACH	FAF	MORVE	MAP	TF	FO	0.30	051.05	4.28	
MORVE	MAP	600 MSL		CA			051.05		600
600 MSL		NATJU		DF	FB	1.00			
NATJU		JAASK		TF	FB	1.00	310.52	11.94	
JAASK		SESPE		TF	FO	1.00	265.88	16.39	5500

MISSED APPROACH

MAP:

LP: MORVE
LNAV: MORVE

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 5500 DIRECT NATJU AND TRACK 310.52 TO JAASK AND TRACK 265.88 TO SESPE AND HOLD.

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 280 FEET PER NM TO 2300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
1. PT
2. PROFILE STARTS AT NATHN
3. FAC: 051.05 FAF: THACH DIST FAF TO MAP: 4.28 DIST FAF TO THLD: 5.02
4. MIN ALT: NATHN 3500, THACH 2000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
6. MIN GP INCPT: GP ALT AT FAF: MM: IM:
7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
8. MSA FROM: MORVE 7800

QUALITY
39
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART SPEED ICON IN PLANVIEW AT WAKER: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 18.53 DEGREES.
CHART KLAX IN PLANVIEW
THACH TO FTP: 3.46/30.
HOLD E, RT, 278.00 INBOUND.
CHART FAS OBST: 238 TREE (06-042902) 340103N/1182716W.
FAS OBST: 208 SHIP 335900N/1183056W.
WAAS CHANNEL # 50339
REFERENCE PATH ID: W03A
CHART MANDATORY 6000 AT WAKER.
FAC CROSSES RWY C/L EXTENDED 4500 FT FROM THLD.
FICTITIOUS THRESHOLD POINT (CFBFH) DO NOT CHART.
FTP HAE: 2.8 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ CAT A, B 900-2, CAT C, D 900-2 1/2

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LP MDA*	480	1	316	480	1	316	480	1	316	480	1	316			
LNAV MDA*	500	1	336	500	1	336	500	1	336	500	1	336			
LP MDA	820	1	656	820	1	656	820	1 7/8	656	820	1 7/8	656			
LNAV MDA	1000	1	836	1000	1 1/4	836	1000	2 1/2	836	1000	2 1/2	836			



CHANGES - REASONS

1. TERMINAL ROUTES: NATHN TO THACH COURSE/DISTANCE CHANGED FROM "051.27/5.94" TO "051.65/6.06" - FAF MOVED BASED ON GPA/TCH.
2. TERMINAL ROUTES: THACH TO MORVE DISTANCE CHANGED FROM "4.52" TO "4.28" - FAF MOVED BASED ON GPA/TCH.
3. MISSED APPROACH INSTRUCTIONS: UPDATED MISSED APPROACH REQUIRES MINIMUM CLIMB FROM "**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 300 FEET PER NM TO 2400" TO "**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 280 FEET PER NM TO 2300" - NEW CONTROLLING OBSTACLE.
4. PROFILE LINE 3: CHANGED DIST FAF TO MAP/DIST FAF TO THLD FROM "4.52/5.10" TO "4.28/5.02" - FAF MOVED BASED ON GPA/TCH.
5. PROFILE LINE 8: CHANGED MSA FROM "MORVE 7700" TO "MORVE 7800" - NEW CONTROLLING OBSTACLE.
6. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - PER 8260.19J, PARA 8-6-8 D.(5)(A)1.
7. NOTES: ADDED CHART PLANVIEW NOTE: "CHART SPEED ICON IN PLANVIEW AT WAKER: MAX 210 KIAS" - PER FPT TO COMPLY WITH 8260.3 STAR TERMINUS ALTITUDE CRITERIA.
8. ADDITIONAL FLIGHT DATA: DELETED "CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES" - NO LONGER REQUIRED.
9. ADDITIONAL FLIGHT DATA: UPDATED FAS CHART OBSTACLES FROM "238 TREE 340103N/1182716W" TO "238 TREE (06-042902) 340103N/1182716W" - ADDED OBSTACLE ID PER 8260.19J PARA 8-6-10.C.
10. ADDITIONAL FLIGHT DATA: CHANGED FROM "FAC CROSSES RWY C/L EXTENDED 3738 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 4500 FT FROM THLD" - PER 8260.19J 8-6-11.G.(2)/NEW EVALUATION CRITERIA.
11. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 6000 AT WAKER" - PER FPT TO COMPLY WITH 8260.3 STAR TERMINUS ALTITUDE CRITERIA.
12. MINIMUMS: LP MDA/HAT* ALL CATS CHANGED FROM "460/296" TO "480/316" - NEW CONTROLLING OBSTACLE.
13. MINIMUMS: LP MDA/HAT ALL CATS CHANGED FROM "920/756" TO "820/656" AND VISIBILITIES CHANGED FOR CAT B FROM "1 1/4" TO "1," CAT C FROM "2 1/2" TO "1 7/8" AND CAT D FROM "2 1/2" TO "1 7/8" - NEW CONTROLLING OBSTACLE/PER 8260.3 TABLE 3-3-1.
14. MINIMUMS: LNAV MDA* VISIBILITIES CHANGED FOR CAT B FROM "1 1/4" TO "1," CAT C FROM "2 1/2" TO "1" AND CAT D FROM "2 1/2" TO "1" - PER 8260.3 TABLE 3-3-1 AND TABLE 3-3-3.
15. MINIMUMS: LNAV MDA/HAT ALL CATS CHANGED FROM "1020/856" TO "1000/836" - NEW CONTROLLING OBSTACLE.
16. FAS DATA: CRC REMAINDER CHANGED FROM "4587612D" TO "2782731C"- UPDATED LTP/FTP LATITUDE/LONGITUDE FROM "340034.1500N/1182712.9100W" TO "340033.0575N/1182709.1355W", FPAP LATITUDE/LONGITUDE FROM "340114.5220N/1182537.3130W" TO "340113.4340N/1182533.5420W" AND THRESHOLD CROSSING HEIGHT (TCH) FROM "00000.0" TO "00030.0."

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZLA, SOCAL APP CON, SMO ATCT, AMGR

FLIGHT CHECKED BY

TROY E DEVINE

Digitally signed by

ROBERT G HAMILTON

Nov 07, 2024

OFFICE

AJF

DATE

11/05/2024

DEVELOPED BY

ROBERT G HAMILTON (KAMARUDINI R. RAIMI)

Digitally signed by

ROBERT G HAMILTON

Nov 07, 2024

OFFICE

AJV-A433

DATE

08/19/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Nov 07, 2024

OFFICE

AJV-A433

DATE

08/19/2024

TITLE

MANAGER



AIRPORT ID
SMO

PROCEDURE NAME
RNAV (GPS) Y RWY 3

ORIGINAL/AMENDMENT
2

CITY
SANTA MONICA

STATE
CA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSMO
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	340033.0575N
LTP/FTP LONGITUDE	1182709.1355W
LTP/FTP ELLIPSOIDAL HEIGHT	+00028
FPAP LATITUDE	340113.4340N
FPAP LONGITUDE	1182533.5420W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.46
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0

CRC REMAINDER	2782731C
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00386
FPAP ORTHOMETRIC HEIGHT	+00386

