

**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) Z 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SUPERSEDED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) Z RWY 3	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/01/2018
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 12E
				<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	OHWEN		TF	FB	1.00	098.81	6.33	3500
OHWEN		RNSTO		TF	FB	1.00	098.88	3.00	3000
RNSTO	IF	RGBEE		TF	FB	1.00	070.39	7.13	1400
RGBEE	FAF	MORVE	MAP	TF	FO	0.30	062.48	2.64	
MORVE	MAP	600 MSL		CA			062.48		600
600 MSL		DARTS		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LP: MORVE
LNAV: MORVE

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 5000 DIRECT DARTS AND HOLD, DO NOT EXCEED 175 KIAS WHEN CONTINUING CLIMB-IN-HOLD TO 5000.

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 290 FEET PER NM TO 3800.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT RNSTO
3. **FAC:** 062.48 **FAF:** RGBEE **DIST FAF TO MAP:** 2.64 **DIST FAF TO THLD:** 3.38
4. **MIN ALT:** RNSTO 3000, RGBEE 1400
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
6. **MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **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 29.95 DEGREES.
RGBEE TO FTP: 3.46/30
CHART KLAX IN PLANVIEW
HOLD W, RT, 108.00 INBOUND.
CHART FAS OBST: 236 TREE 340103N/1182700W.
FAS OBST: 208 SHIP 335947N/1182950W.
WAAS CHANNEL # 77839
REFERENCE PATH ID: W03B
CHART MANDATORY 6000 AT WAKER.
FAC CROSSES RWY C/L EXTENDED 4500 FT FROM THLD.
FICTITIOUS THRESHOLD POINT (CFBFR) DO NOT CHART.
FTP HAE: 2.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 1200-2

<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*	460	1	296	460	1	296		NA			NA				
LNAV MDA*	500	1	336	500	1	336		NA			NA				
LP MDA	1240	1 1/4	1076	1240	1 1/2	1076		NA			NA				
LNAV MDA	1360	1 1/4	1196	1360	1 1/2	1196		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: RNSTO TO RGBEE COURSE/DISTANCE CHANGED FROM "069.98/7.04" TO "070.39/7.13" - FAF MOVED BASED ON GPA/TCH.
2. TERMINAL ROUTES: RGBEE TO MORVE DISTANCE CHANGED FROM "2.84" TO "2.64" - FAF MOVED BASED ON GPA/TCH.
3. PROFILE LINE 3: CHANGED DIST FAF TO MAP/DIST FAF TO THLD FROM "2.84/3.39" TO "2.64/3.38" - FAF MOVED BASED ON GPA/TCH.
4. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - NO 20:1 PENETRATIONS EXIST.
5. PROFILE LINE 8: CHANGED MSA FROM "MORVE 7700" TO "MORVE 7800" - NEW CONTROLLING OBSTACLE.
6. PBN REQUIREMENTS NOTE: MOVED AND CHANGED FROM CHART NOTE "DME/DME RNP-0.3 NA" TO "RNP APCH - GPS" - PER 8260.19J, PARA 8-6-8 D.(5)(A)1.
7. NOTES: CHANGED CHART NOTE FROM "RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 PENETRATION EXIST.
8. 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.
9. ADDITIONAL FLIGHT DATA: CHANGED FAS CHART OBSTACLES FROM "238 TREE (06-042902) 340103N/1182716W" TO "236 TREE 340103N/1182700W" AND FAS OBST FROM "208 SHIP 335932N/1183109W" TO "208 SHIP 335947N/1182950W" - NEW CONTROLLING OBSTACLES.
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. ADDITIONAL FLIGHT DATA: CHANGED FTP HAE FROM "2.9 M" TO "2.8 M" - FTP MOVED 711.58 FT SOUTHEAST.
13. ALTERNATE MINIMUMS: CHANGED FROM "CAT A, B 1300-2" TO "CAT A, B 1200-2" - REDUCTION IN LNAV MINIMUMS.
14. MINIMUMS: LP MDA/HAT ALL CATS FROM "1260/1096" TO "1240/1076" - NEW CONTROLLING OBSTACLE.
15. MINIMUMS: LNAV MDA/HAT ALL CATS CHANGED FROM "1380/1216" TO "1360/1196" - NEW CONTROLLING OBSTACLE.
16. FAS DATA: CRC REMAINDER CHANGED FROM "61DE3735" TO "535EFCB0"- UPDATED LTP/FTP LATITUDE/LONGITUDE FROM "340026.8420N/1182713.3790W" TO "340024.7985N/1182705.2905W;" LTP/FTP ELLIPSOIDAL HEIGHT FROM "+00029" TO "+00028" AND FPAP LATITUDE/LONGITUDE FROM "340050.6515N/1182530.0805W" TO "340048.6125N/1182521.9940W."

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

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

FLIGHT CHECKED BY

Digitally signed by

TROY E DEVINE

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

08/16/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Nov 07, 2024

OFFICE

AJV-A433

DATE

TITLE

MANAGER



AIRPORT ID
SMO

PROCEDURE NAME
RNAV (GPS) Z RWY 3

ORIGINAL/AMENDMENT
2

CITY
SANTA MONICA

STATE
CA

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KSMO
RW03
0
Z
0
W03B
340024.7985N
1182705.2905W
+00028
340048.6125N
1182521.9940W
00030.0
F
03.46
106.75
0000
40.0
00.0

CRC REMAINDER

535EFCB0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K2
+00386
+00386

