

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</u> FRESNO YOSEMITE INTL	<u>AIRPORT ID</u> KFAT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> FRESNO	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 336	<u>TDZE</u> 336	<u>SUPERSEDED</u> RNAV (GPS) RWY 11L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
SIBOC		RIWSO		TF	FB	1.00	278.95	20.00	4000
RIWSO		MORLA		TF	FO	1.00	275.53	5.50	3000
FRAME		MORLA		TF	FO	1.00	312.42	19.80	3000
BLEAR	IAF	MORLA	NOPT	TF	FB	1.00	060.79	13.69	3000
ISESY	IAF	MORLA	NOPT	TF	FB	1.00	185.65	5.51	3000
EBTUW	IAF	MORLA	NOPT	TF	FB	1.00	135.02	30.93	3000
MORLA	IF/IAF	SLACK		TF	FB	1.00	112.24	6.00	1800
SLACK	FAF	WEPOX/1.31 NM TO RW11L		TF	FB	0.30	112.31	3.14	
WEPOX/1.30 NM TO RW11L		RW11L	MAP	TF	FO	0.30	112.31	1.31	
RW11L	MAP	536 MSL		CA			112.31		
536 MSL		SANGO		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW11L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT SANGO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W MORLA, RT, 112.24 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 112.31 FAF: SLACK DIST FAF TO MAP: 4.45 DIST FAF TO THLD: 4.45

4. MIN ALT: MORLA 3000, SLACK 1800, WEPOX/1.31 NM TO RW11L 800*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.48 GS ANT: MM: IM:

6. MIN GP INCPT: 1800 GP ALT AT FAF : SLACK 1800 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 50.0

8. MSA FROM: RW11L 7800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1°C OR ABOVE 54°C.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SIBOC ON V459 SOUTHEAST BOUND.
CHART SPEED ICON IN PLANVIEW AT ISESY: MAX 220 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WAAS CHANNEL #77505
REFERENCE PATH ID: W11A
CHART FAS OBST: 439 TREE 364727N/1194335W.
CHART: 364 POLE 364726N/1194537W.
554 AAO 365036N/1194744W.
HOLD E, LT, 292.46 INBOUND
LTP HAE: 69.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	536	4000	200	536	4000	200	536	4000	200	536	4000	200			
LNAV/VNAV DA	620	4500	284	620	4500	284	620	4500	284	620	4500	284			
LNAV MDA	700	5500	364	700	5500	364	700	5500	364	700	5500	364			
CIRCLING	820	1	484	820	1	484	920	1 1/2	584	920	2	584			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFAT
RUNWAY	RW11L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	364702.4060N
LTP/FTP LONGITUDE	1194348.3080W
LTP/FTP ELLIPSOIDAL HEIGHT	+00697
FPAP LATITUDE	364607.8230N
FPAP LONGITUDE	1194212.6895W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	FAC4D10C
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01015
FPAP ORTHOMETRIC HEIGHT	+01015

