

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION INSTRUMENT APPROACH PROCEDURE FEDERAL AVIATION ADMINISTRATION TITLE 14 CFR PART 97.33							Bearings, headings, courses, 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 in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH					
FROM	TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW29R CLIMB TO 2000 DIRECT MORLA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 112.24 INBOUND. CHART FAS OBST: 505 TOWER 364530N/1194223W. DISTANCE TO THLD FROM 200 HAT: 0.45 NM. WAAS CHANNEL # 81803 REFERENCE PATH ID: W29A CHART CIRCLING ICON. LTP HAE: 69.5 M						
FRA VORTAC	OCAVI (TF) (FB) (RNP 2.00)			159.22 / 18.00			4900								
OCAVI	SANGO (TF) (FO) (RNP 2.00)			158.95 / 8.66			2700								
FRAME	SANGO (TF) (FO) (RNP 2.00)			054.75 / 8.03			2700								
ALTTA (IAF)	SANGO (NOPT) (TF) (FB) (RNP 1.00)			292.61 / 11.46			2600								
LATON (IAF)	SANGO (NOPT) (TF) (FB) (RNP 1.00)			352.06 / 17.29			2600								
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E SANGO, LT, 292.46 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: 292.40 FAF: STORI DIST FAF TO MAP: 4.43 THLD: 4.43 4. MIN. ALT: SANGO 2600, STORI 1800, WILAB/1.40 NM TO RW29R 820* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1800 GS ALT AT: STORI 1800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 57.5 34:1 IS CLEAR 8. MSA FROM: RW29R 7800															
										MAG VAR: 13E			EPOCH YEAR: 2020		
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD						
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	533	1800	200	533	1800	200	533	1800	200	533	1800	200			
LNAV/VNAV DA	689	3000	356	689	3000	356	689	3000	356	689	3000	356			
LNAV MDA	760	2400	427	760	2400	427	760	4000	427	760	4000	427			
CIRCLING	820	1	484	820	1	484	920	1 1/2	584	920	2	584			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FRA VORTAC ON V230 NORTHBOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). *LNAV ONLY															
CITY AND STATE			ELEVATION: 336 TDZE: 333			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:		
FRESNO, CA			AIRPORT NAME:			FRESNO YOSEMITE INTL			RNAV (GPS) RWY 29R, AMDT 1B				AMDT: 1A		
									7 DECEMBER 2017				DATED 07/24/2014		

QUALITY
 25
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SANGO (IF/IAF)	STORI (TF) (FB) (RNP 1.00)	292.46 / 6.50	1800
STORI (FAF)	WILAB/1.40 NM TO RW29R (TF) (FB) (RNP 0.30)	292.40 / 3.03	
WILAB/1.40 NM TO RW29R	RW29R (MAP) (TF) (FO) (RNP 0.30)	292.40 / 1.40	
RW29R (MAP)	533 MSL (CA)	292.40	
533 MSL	MORLA (DF) (FO) (RNP 1.00)		2000

QUALITY
25
CHECKED

CITY AND STATE

FRESNO, CA

ELEVATION: 336

TDZE: 333

AIRPORT NAME:

FRESNO YOSEMITE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 29R, AMDT 1B

7 DECEMBER 2017

SUP:

AMDT: 1A

DATED: 07/24/2014

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFAT
RUNWAY	RW29R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	364609.6065N
LTP/FTP LONGITUDE	1194215.8160W
LTP/FTP ELLIPSOIDAL HEIGHT	+00695
FPAP LATITUDE	364702.4050N
FPAP LONGITUDE	1194348.3080W
THRESHOLD CROSSING HEIGHT (TCH)	00057.5
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
 <u>CRC REMAINDER</u>	 352BA3D3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01012
FPAP ORTHOMETRIC HEIGHT	+01012

QUALITY
25
CHECKED

CITY AND STATE FRESNO, CA	ELEVATION: 336 AIRPORT NAME: FRESNO YOSEMITE INTL	TDZE: 333 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29R, AMDT 1B 7 DECEMBER 2017	SUP:
				AMDT: 1A
				DATED: 07/24/2014