

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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA CLIMB TO 4000 DIRECT OLYMM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. #MISSED APPROACH REQUIRES MINIMUM CLIMB OF 300 FEET PER NM TO 1500. ADDITIONAL FLIGHT DATA: HOLD E, LT, 278.21 INBOUND. DISTANCE TO THLD FROM 200 HAT: 0.49 NM. WAAS CHANNEL # 53415 REFERENCE PATH ID: W28B CHART NEPIC WAYPOINT IN PLANVIEW AND PROFILE . LTP HAE: -28.8 M					
FAITH (IAF)		DIVEC (TF) (FB) (RNP 1.00)		284.53 / 3.98				7000							
DIVEC		PONKE (TF) (FB) (RNP 1.00)		284.07 / 3.30				6000							
PONKE		WETOR (TF) (FB) (RNP 1.00)		284.03 / 3.31				5000							
WETOR		ROKME (TF) (FB) (RNP 1.00)		283.99 / 3.31				4000							
ROKME		HEMAN (TF) (FB) (RNP 1.00)		283.96 / 2.97				3100							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. PROFILE STARTS AT DIVEC															
3. FAC: <u>283.88</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: DIVEC 7000, PONKE 6000, WETOR 5000, ROKME 4000, HEMAN 3100, DUYET 1800, NEPIC/3.36 NM TO RW28L 1080															
5. DIST TO THLD FROM OM: <u>5.74</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: <u>1800</u> GS ALT AT: DUYET 1800, NEPIC 1080 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: <u>2.85</u> TCH: <u>52.6</u> 34:1 IS CLEAR															
8. MSA FROM: RW28L 5100										MAG VAR: 14E			EPOCH YEAR: 2015		
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# **	213	2400	200	213	2400	200	213	2400	200	213	2400	200			
LPV DA	769	1 3/4	756	769	1 3/4	756	769	1 3/4	756	769	1 3/4	756			
LNAV/VNAV DA	754	1 3/4	741	754	1 3/4	741	754	1 3/4	741	754	1 3/4	741			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LDA PRM RWY 28R AND RNAV (GPS) PRM X RWY 28R. USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 13 TDZE: 13		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) PRM RWY 28L					
SAN FRANCISCO, CA		AIRPORT NAME:		SAN FRANCISCO INTL		RNAV (GPS) PRM RWY 28L (CLOSE PARALLEL), AMDT 2				AMDT: 1					
						29 MARCH 2018				DATED		08/22/2013			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
HEMAN (IF)	DUYET (TF) (FB) (RNP 1.00)	283.92 / 4.30	1800
DUYET (FAF)	NEPIC/3.36 NM TO RW28L (TF) (FB) (RNP 0.30)	283.88 / 2.37	1080
NEPIC/3.36 NM TO RW28L	RW28L (MAP) (TF) (FO) (RNP 0.30)	283.88 / 3.36	
RW28L (MAP)	213 MSL (CA)	283.88	
213 MSL	OLYMM (DF) (FO) (RNP 1.00)		4000

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 2 SM.

CHART NOTE: RWY 28L AND 28R SEPARATED BY 750' CENTERLINE TO CENTERLINE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 3C (38°F) OR ABOVE 54°C (130°F).

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

QUALITY
25
CHECKED

CITY AND STATE

SAN FRANCISCO, CA

ELEVATION: 13

TDZE: 13

AIRPORT NAME:

SAN FRANCISCO INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) PRM RWY 28L (CLOSE PARALLEL), AMDT 2

29 MARCH 2018

SUP: RNAV (GPS) PRM
RWY 28L

AMDT: 1

DATED: 08/22/2013

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSFO
RUNWAY	RW28L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28B
LTP/FTP LATITUDE	373643.5470N
LTP/FTP LONGITUDE	1222133.3530W
LTP/FTP ELLIPSOIDAL HEIGHT	-00288
FPAP LATITUDE	373734.6480N
FPAP LONGITUDE	1222335.1795W
THRESHOLD CROSSING HEIGHT (TCH)	00052.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	02.85
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>	6F49E1EF
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00038
FPAP ORTHOMETRIC HEIGHT	+00038

QUALITY
25
CHECKED

CITY AND STATE SAN FRANCISCO, CA	ELEVATION: 13 AIRPORT NAME: SAN FRANCISCO INTL	TDZE: 13 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) PRM RWY 28L (CLOSE PARALLEL), AMDT 2 29 MARCH 2018	SUP: RNAV (GPS) PRM RWY 28L
				AMDT: 1
				DATED: 08/22/2013