

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>				<b>RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33</b>				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		<b>RNP: DA</b>  <b>CLIMB TO 3000 ON TRACK 283.83 TO VIKYU AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> HOLD E, RT, 283.67 INBOUND. CHART FAS OBST: 46 ANT 373634N/1222050W DISTANCE TO THLD FROM 348 HAT: 0.92 NM. #TCH 68.1 MSL (DO NOT CHART) ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART MANDATORY 8000 AT ARCHI. CHART MANDATORY 4000 AT MENLO.					
ARCHI (IAF)		WIBNI (TF) (FB)(RNP 1.00)		267.84 / 7.60				4900							
WIBNI		GUTTS (TF) (FB) (RNP 1.00)		272.81 / 6.21				3400							
MENLO (IAF)		GUTTS (TF) (FB)(RNP 1.00)		344.75 / 4.97				3400							
GUTTS (IF)		DONNG (TF) (FB) (RNP 1.00)		283.87 / 5.15				1800							
DONNG (FAF)		*JOSUF (RF) (FB)		(2.92 NM RADIUS CCW (CFFJZ))/1.68				1264							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT GUTTS 3. FAC: _____ * FAF: _____ * SEE TERMINAL ROUTES FROM DONNG DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: <b>GUTTS 3400, DONNG 1800</b> 5. DIST TO THLD FROM OM: <u>5.44</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <b>DONNG 1800, JOSUF 1264, FABLA 740</b> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <b>#55.2</b> 34:1 IS CLEAR 8. MSA FROM: <b>RW28R 5100</b>															
										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
AUTHORIZATION REQUIRED															
RNP 0.11 DA %	361	3000	348	361	3000	348	361	3000	348	361	3000	348			
RNP 0.30 DA @	415	4500	402	415	4500	402	415	4500	402	415	4500	402			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 3C (38F) OR ABOVE 54C (130F). CHART NOTE: RF REQUIRED. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 13 TDZE: 13		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:						SUP:			
SAN FRANCISCO, CA		AIRPORT NAME:		SAN FRANCISCO INTL		RNAV (RNP) Y RWY 28R, AMDT 3A						AMDT: 3			
						21 JULY 2016						DATED 04/30/2015			



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TERMINAL ROUTES, (CONT.):					
FROM		TO		COURSE AND DISTANCE	ALTITUDE
JOSUF		*FABLA (RF) (FB)		(2.85 NM RADIUS CW (CFFJX))/1.65	740
FABLA		*RW28R (MAP) (TF) (FO)		283.84 / 2.11	
RW28R (MAP)		VIKYU (TF) (FO) (RNP 1.00)		283.83 / 12.82	3000
NOTES, (CONT.):					
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).					
CHART NOTE: %MISSED APPROACH REQUIRES MINIMUM CLIMB OF 250 FEET PER NM TO 2000.					
CHART NOTE: @MISSED APPROACH REQUIRES MINIMUM CLIMB OF 325 FEET PER NM TO 2500.					
CHART SPEED ICON IN PLANVIEW AT ARCHI: MAX 230 KIAS.					
CHART SPEED ICON IN PLANVIEW AT MENLO: MAX 230 KIAS.					
CITY AND STATE		ELEVATION: 13	TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
SAN FRANCISCO, CA		AIRPORT NAME:		RNAV	RNAV (RNP) Y RWY 28R, AMDT 3A
		SAN FRANCISCO INTL			21 JULY 2016
					SUP:
					AMDT: 3
					DATED: 04/30/2015



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33**

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ARINC SUMMARY - KSFO

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ARCHI	010	ARCHI	IF	FB								AT 08000	AB 230	E A
ARCHI	020	WIBNI	TF	FB	1.0							AA 04900		E
ARCHI	030	GUTTS	TF	FB	1.0							AA 03400		EE B
MENLO	010	MENLO	IF	FB								AT 04000	AB 230	E A
MENLO	020	GUTTS	TF	FB	1.0							AA 03400		EE B
	010	GUTTS	IF	FB								AA 03400		E I
	020	DONNG	TF	FB	1.0					RW28R		AA 01800		E F
	021	JOSUF	RF	FB	0.3			3.00	L	CFFJZ	02.92	AA 01264		E
	022	FABLA	RF	FB	0.3			3.00	R	CFFJX	02.85	AA 00740		E
	030	RW28R	TF	FO	0.3			3.00				AT 00068		GY M
	040	VIKYU	TF	FO	1.0							AA 03000		EYM
	050	VIKYU	HM	FO		283.7			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ARCHI	N372926.87	W1215231.95
CFFJX	N373822.28	W1221727.52
CFFJZ	N373237.11	W1221647.78
DONNG	N373512.28	W1221505.01
FABLA	N373550.91	W1221908.08
GUTTS	N373247.84	W1220921.38
JOSUF	N373531.79	W1221707.88
MENLO	N372749.27	W1220913.17
VIKYU	N374248.64	W1223546.34
WIBNI	N373100.19	W1220152.91

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW28R	N373650.11	W1222129.01	00013	55.2

QUALITY  
28  
CHECKED

CITY AND STATE <b>SAN FRANCISCO, CA</b>	ELEVATION: <b>13</b> AIRPORT NAME: <b>SAN FRANCISCO INTL</b>	TDZE: <b>13</b>  <b>RNAV</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (RNP) Y RWY 28R, AMDT 3A</b>  21 JULY 2016	SUP:
					AMDT: <b>3</b>
					DATED: <b>04/30/2015</b>