

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - 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	RNP: DA								
STINS (IAF)	DOTNE (TF) (FB) (RNP 1.00)	118.85 / 9.25	3500	CLIMB TO 3600 ON TRACK 103.79 TO IGUKE AND ON TRACK 103.08 TO DUMBA AND HOLD.								
DOTNE (IF)	JULOS (TF) (FB) (RNP 1.00)	103.65 / 8.15	1900									
JULOS (FAF)	RW10R (MAP) (TF) (FO)	103.72 / 5.76										
RW10R (MAP)	IGUKE (TF) (FB) (RNP 1.00)	103.79 / 7.23										
IGUKE	DUMBA (TF) (FO) (RNP 1.00)	103.08 / 8.74	3600	ADDITIONAL FLIGHT DATA: HOLD E, LT, 283.98 INBOUND. CHART 17 LOC 373736N/1222338W CHART 7 GRD 373736N/1222335W CHART 7 GRD 373733N/1222337W CHART 9 GRD 373734N/1222337W CHART 8 GRD 373735N/1222337W CHART 17 OL ON LOC 373736N/1222338W CHART 26 DME 28L 373735N/1222339W CHART 25 OL ON DME 373734N/1222340W DISTANCE TO THLD FROM 386 HATH: 1.02 NM ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 67.2 MSL (DO NOT CHART)								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT DOTNE <u> </u> 3. FAC: <u>103.72</u> FAF: <u> </u> DIST FAF TO MAP: <u> </u> THLD: <u> </u> 4. MIN. ALT: DOTNE 3500, JULOS 1900 5. DIST TO THLD FROM OM: <u>5.76</u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1900</u> GS ALT AT: JULOS 1900 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: 60.0# 34:1 IS NOT CLEAR 8. MSA FROM: RW10R 5100				MAG VAR: 14E EPOCH YEAR: 2015								
MINIMUMS												
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A @									
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
AUTHORIZATION REQUIRED												
RNP 0.20 DA	393	1 1/4	386	393	1 1/4	386	393	1 1/4	386	393	1 1/4	386
RNP 0.30 DA	1105	4	1098	1105	4	1098	1105	4	1098	1105	4	1098
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C (36F) OR ABOVE 54C (130F). @ CAT A, B, C, D 1100-4 CHART NOTE: GPS REQUIRED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STINS ON V25-199 AND V27 NORTHWEST BOUND. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.												
CITY AND STATE SAN FRANCISCO, CA		ELEVATION: 13 THRE: 7 AIRPORT NAME: SAN FRANCISCO INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 10R, AMDT 2 08/22/2013				SUP: AMD'T: 1 DATED 09/20/2012		

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FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (RNP)

[illegible]

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSFOK2ASFO	0	115YHN37370878W122223085E014000013	1800018000C	MNAR	SAN FRANCISCO INTL								

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSFOK2FH10RZ	ASTINS	010STINSK2EA0E	A	IF					18000		A	FS
SUSAP	KSFOK2FH10RZ	ASTINS	020DOTNEK2EA0EE	B	010TF			+ 03500				A	FS
SUSAP	KSFOK2FH10RZ	H	010DOTNEK2EA0E	I	IF			+ 03500	18000			A	FS
SUSAP	KSFOK2FH10RZ	H	020JULOSK2EA1E	F	010TF			+ 01900			RW10R K2PGA	FS	
SUSAP	KSFOK2FH10RZ	H	020JULOSK2EA2W						A031A021			FS	
SUSAP	KSFOK2FH10RZ	H	030RW10RK2PG0GY	M	031TF			00067		-300		A	FS
SUSAP	KSFOK2FH10RZ	H	040IGUKEK2EA0E	M	010TF							A	FS
SUSAP	KSFOK2FH10RZ	H	050DUMBAK2EA0EY		010TF			+ 03600				A	FS
SUSAP	KSFOK2FH10RZ	H	060DUMBAK2EA0EE	L	HM		28400040	+ 03600				A	FS

[illegible][illegible]

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	STINS	STINS	010	IAF	IF		FB					
	STINS	DOTNE	020		TF		FB	1.0			AA 03500	
		DOTNE	010	FACF	IF		FB				AA 03500	
		JULOS	020	FAF	TF		FB	1.0			AA 01900	
		RW10R	030	MAP	TF		FO	0.3			AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	IGUKE	040		TF		FB	1.0				
	DUMBA	050		TF		FO	1.0			AA 03600	
	DUMBA	060		HM	L	FO		284.0(298.0T)	004.0	AA 03600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DOTNE	N374307.18	W1223651.36	N3743.130	W12236.856
	DUMBA	N373012.66	W1220546.13	N3730.211	W12205.769
	IGUKE	N373412.00	W1221532.77	N3734.200	W12215.546
	JULOS	N374015.65	W1222959.96	N3740.261	W12229.999
	STINS	N374925.24	W1224524.06	N3749.421	W12245.401
	RW10R	N373734.64	W1222335.18	N3737.577	W12223.586

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10R	00007	60

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