

**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.

AIRPORT ID SFO	PROCEDURE NAME RNAV (GPS) U RWY 28R	ORIGINAL/AMENDMENT ORIG	CITY SAN FRANCISCO	STATE CA
AIRPORT ELEVATION 13	TDZE 13	SUPERSEDED	ORIGINAL/AMENDMENT NONE	DATED 14E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2015
			MAG VAR 14E	CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EDDY	IAF	SIDBY		TF	FB	1.00	330.71	4.71	5000
SIDBY		JANY		TF	FB	1.00	331.36	6.57	3000
ARCHI	IAF	TRBOW		TF	FB	1.00	258.01	5.26	6000
TRBOW		GAROW		TF	FB	1.00	278.24	5.00	4000
GAROW		JANY		TF	FB	1.00	278.18	5.00	3000
JANY	IF	RAACL		TF	FB	1.00	278.12	3.77	1800
RAACL	FAF	*SHLTN		TF	FB	0.30	276.42	2.79	
SHLTN	VGf	*SAPPP		TF	FB	0.30	276.42	1.62	
SAPPP		*RW28R	MAP	TF	FO	0.30	283.82	1.00	
RW28R	MAP	413 MSL		CA			283.82		
413 MSL		VIKYU		DF	FO	1.00			3200

MISSED APPROACH

MAP:

LNAV: RW28R

MISSED APPROACH INSTRUCTIONS:

CONTINUE ON THE DEPICTED TRACK TO RWY 28R. FROM RWY 28R, CLIMB TO 3200 DIRECT VIKYU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. PROFILE STARTS AT JANYY
- 3. **FAC:** * **FAF:** RAACL **DIST FAF TO MAP:** 5.41 **DIST FAF TO THLD:** 5.41
- 4. **MIN ALT:** JANYY 3000, RAACL 1800, SHLTN 914
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** **GP ALT AT FAF:** RAACL 1800, SAPPP 399 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:**
- 8. **MSA FROM:** RW28R 5100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED

NOTES:

CHART PROFILE NOTE: TURN REQUIRED FROM VGF TO RW28R.
 CHART IN PLANVIEW AT SHLTN: (VGF).
 CHART PLANVIEW NOTE: CROSS SHLTN, FLY VISUAL TO AIRPORT ALONG DEPICTED TRACK.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION IS NOT AUTHORIZED.
 CHART SPEED ICON IN PLANVIEW AT EDDYY: MAX 240 KIAS.

ADDITIONAL FLIGHT DATA:

RAACL TO RW28R: 3.00/68.
 CHART FAS VISUAL MANEUVER OBSTACLE: 203 TREE (06-103160) 373525N/1221919W. HOLD E, RT, 283.67 INBOUND.
 CHART FAS OBST: 320 TRANSMISSION_LINE (06-000774) 373511N/1221450W.
 CHART MANDATORY 6000 AT EDDYY.
 CHART MANDATORY 7000 AT ARCHI.

MINIMUMS:

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

ALTERNATE: NA CAT A, B, C, D 1000-3

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
LNAV MDA	914	3	901	914	3	901	914	3	901	914	3	901			

CHANGES - REASONS



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05/28/2026: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/30/2025:

1. TERMINAL ROUTES: ADDED "VGF" FIX TYPE TO SHLTN – IAW 8260.75
2. TERMINAL ROUTES: CHANGED SYMBOLS FOR SHLTN, SAPPP, AND RW28R FROM "@" TO "*" – IAW 8260.75
3. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3200 ON THE FMS LATERAL PATH TO RWY 28R AND DIRECT TO VIKYU AND HOLD." TO "CONTINUE ON THE DEPICTED TRACK TO RWY 28R. FROM RWY 28R, CLIMB TO 3200 DIRECT VIKYU AND HOLD." – IAW 8260.75
4. PROFILE LINE 3: CHANGED SYMBOL FROM "@" TO "*" – IAW 8260.75
5. PROFILE LINE 6: ADDED "SHLTN 914" TO MIN ALT – IAW 8260.75
6. NOTES: CHANGED NOTE FROM "CHART PLANVIEW NOTE AT SHLTN: VGF (VISUAL GUIDANCE FIX)." TO "CHART IN PLANVIEW AT SHLTN: (VGF)." – IAW 8260.75
7. NOTES: CHANGED NOTE FROM "CHART PLANVIEW NOTE: CROSS SHLTN, FLY VISUAL TO AIRPORT ALONG DEPICTED TRACKS 276 AND 284 TO RWY 28R." TO "CHART PLANVIEW NOTE: CROSS SHLTN, FLY VISUAL TO AIRPORT ALONG DEPICTED TRACK." – IAW 8260.75
8. ADDITIONAL FLIGHT DATA: REMOVED NOTE "**RECOMMENDED ALTITUDE" – IAW 8260.75
9. ADDITIONAL FLIGHT DATA: REMOVED NOTE "CHART RECOMMENDED ALT IN PROFILE: *SHLTN 920, *SAPPP 400" – IAW 8260.75
10. MINIMUMS: CHANGED HAT/DA FROM "907/920" TO "901/914" – CORRECTLY DOCUMENTING ALTITUDES IAW 8260.75

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA

OTHER: ZOA, NORCAL APP CON, SFO ATCT, AMGR

FLIGHT CHECKED BY

JEFFREY ALLEN FINDLEY

Digitally signed by

ROBERT G HAMILTON

May 29, 2026

OFFICE

FIOG

DATE

05/27/2026

DEVELOPED BY

DEVON KERCHER

Digitally signed by

ROBERT G HAMILTON

May 29, 2026

OFFICE

AJV-A431

DATE

12/30/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

May 29, 2026

OFFICE

AJV-A431

DATE

TITLE
MANAGER

