

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.

<u>AIRPORT ID</u> SQL	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 30	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> SAN CARLOS	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 6	<u>TDZE</u> 6	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 30	<u>DATED</u> 04/27/2017	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 JULY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SAPID		JEFNY		TF	FB	1.00	000.47	6.63	5500
OSI VOR/DME		JEFNY		TF	FB	1.00	115.48	8.72	5100
JEFNY	IAF	JIKPE		TF	FB	1.00	027.45	2.00	4600
JIKPE		AMEBY		TF	FB	1.00	027.47	4.00	3900
AMEBY	IF	CUZUP		TF	FB	1.00	297.50	6.16	2000
CUZUP	FAF	KIZEM	MAP	TF	FO	0.30	297.44	5.87	
KIZEM	MAP	406 MSL		CA			297.44		
406 MSL		AMEBY		DF	FO	1.00			5400

MISSED APPROACH

MAP:

LNAV: KIZEM

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 5400 DIRECT DIRECT AMEBY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5400.  
MISSED APPROACH REQUIRES MINIMUM CLIMB OF 340 FEET PER NM TO 1300; IF UNABLE TO MEET CLIMB GRADIENT, SEE RNAV (GPS) Y RWY 30.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- PROFILE STARTS AT AMEBY
- FAC: 297.44 FAF: CUZUP DIST FAF TO MAP: 5.87 DIST FAF TO THLD: 6.04
- MIN ALT: AMEBY 3900, CUZUP 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS NOT CLEAR TCH:
- MSA FROM: KIZEM 5200



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAPID ON T259 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 5.60 DEGREES.

HOLD SE, LT, 297.44 INBOUND.  
FAS OBST: 283 AAO 372636N/1221027W.  
CHART 370 MONUMENT (06-000412) 372539N/1221001W.  
FAC 296 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.  
CUZUP TO RW30: 3.05/40.

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 900-2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	HAT/HAA
LNAV MDA	900	1 1/4	894	900	1 1/4	894		NA			NA				

CHANGES - REASONS

1. PROFILE LINE 7: ADDED 20:1 IS NOT CLEAR – LIGHTED 20:1 PENETRATIONS ARE PRESENT FOR RWY 30.
2. PROCEDURE NOTES: ADDED PBN REQUIREMENTS NOTE “RNP APCH – GPS” AND REMOVED CHART NOTE DME/DME RNP-0.3 NA– IAW .19I 8-6-8, B(2).
3. TERMINAL ROUTES: CHANGED RNP VALUE ON ALL FEEDER ROUTE FROM 2.00 TO 1.00– IAW .58C PARA 3-1-4, .58C, 2-3-1, .58C TABLE 1-2-1.
4. ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE FROM 209 T-L TWR TO 283 AAO – UPDATED OBSTACLE EVALUATION.
5. CHANGED MISSED APPROACH CG/CGTA FROM 302 FT/NM TO 5400 TO 340 FT/NM TO 1300 – TO RESTORE PROCEDURE, PER FPT COORDINATION WITH AIRPORT, AND TO CLEAR NOTAM FDC 2/7826.
6. TERMINAL ROUTES: CHANGED CA LEG ALTITUDE FROM 405 TO 406 AND HAA FROM 895 TO 894 – AIRPORT ELEVATION AND TDZE ELEVATION CHANGED FROM 5FT TO 6 FT.
7. PROCEDURE NOTES: REMOVED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OSI VOR/DME ON T261 SOUTHWEST BOUND - T261 NO LONGER USED OSI VOR/DME.
8. PROCEDURE NOTES: ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAPID ON T259 SOUTHWEST BOUND- TURN MAGNITUDE EXCEEDS 90 DEGREES.
9. MOVED BACKUP ALTIMETER NOTE - MOVED TO -9 AS A CONTINGENCY NOTE.
10. ADDITIONAL FLIGHT DATA: CHANGED PLANVIEW NOTE FINAL APPROACH COURSE OFFSET CHANGED FROM 5.53 DEGREES TO 5.6 DEGREES - UPDATED TARGETS CALCULATED OFFSET.
11. ADDITIONAL FLIGHT DATA: CHANGED DISTANCE FAC CROSSES C/L EXTENDED FROM 1000 FT FROM THLD TO FAC 296 FEET OF RWY C/L EXTENDED 3000 FEET FROM THLD - UPDATED TARGETS CALCULATED OFFSET AND DISTANCE.
12. MINIMUMS: CHANGED CIRCLING CAT B VISIBILITY FROM 1 1/2 SM TO 1 1/4 SM - NEW TARGETS VISIBILITY EVALUATIONS.



