

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> APC	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 1L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> NAPA	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 36	<u>TDZE</u> 17	<u>SUPERSEDED</u> ILS OR LOC Z RWY 1L	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 10/10/2019
<u>FACILITY</u> I-APC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 15E
				<u>EPOCH YEAR</u> 2005
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SGD VORTAC		FESAV INT/I-APC 12.53 DME					162.31	9.01	2600
REBAS INT/SAU 8.35 DME	IAF	FESAV INT/I-APC 12.53 DME	NOPT				320.68 (HDG) & 005.74 (I-APC)	1.85 & 3.87	2600
FESAV INT/I-APC 12.53 DME	IF/IAF	CIKPI INT/I-APC 6.52 DME					005.74 (I-APC)	6.01	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.45 NM AFTER CIKPI INT/I-APC 6.52 DME OR AT I-APC /1.07 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3200 DIRECT SGD VORTAC AND ON SGD VORTAC R-230 TO BURDE INT/SGD 11.31 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 580 THEN CLIMBING LEFT TURN TO 4500 DIRECT SGD VORTAC AND ON SGD VORTAC R-281 TO DACER INT/SGD 15.51 DME AND HOLD.

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S FESAV, RT, 005.74 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 4500.					
3. FAC: 005.74	FAF: CIKPI INT/I-APC 6.52 DME		DIST FAF TO MAP: 5.45	DIST FAF TO THLD: 5.45	
4. MIN ALT: FESAV INT/I-APC 12.53 DME 2600, CIKPI INT/I-APC 6.52 DME 1800					
5. DIST TO THLD FROM OM: 1800	MM: 34:1	IM: 20:1	150 HAT: 50.0	GS ANT: 983	
6. MIN GS INCPT: 1800	GS ALT AT PFAF: CIKPI INT/I-APC 6.52 DME 1800			OM: MM: IM:	
7. GS ANGLE: 3.00					
8. MSA FROM: SGD VORTAC 090-180 5000, 180-270 3800, 270-090 4300					



NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 530.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 01L MINIMUMS ALL CATS.
CHART NOTE: CIRCLING NA FOR CATS A, B, AND C E OF RWY 19R AND NW OF RWY 24
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 01L CAT C/D VISIBILITY TO 1 7/8 SM.
CHART NOTE: CIRCLING NA FOR CAT D E OF RWYS 19L AND 01R

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: 2600 NOPT TO FESAV 321 HDG (1.85) AND 006 (3.87)
HOLD NE, RT, 230.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W DACER INT/SGD 15.51 DME, RT, 101.42 INBOUND.
CHART FAS OBST: 232 TRANSMISSION_LINE (06-000591) 380914N/1221816W.
CHART VDP AT 2.99 DME.
DISTANCE VDP TO THLD 1.92 NM.
CHART IN PLANVIEW: DACER INT/SGD 15.51 DME.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C, D 1300-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 01L	217	3/4	200	217	3/4	200	217	3/4	200	217	3/4	200			
S-LOC 01L	680	3/4	663	680	3/4	663	680	1 3/4	663	680	1 3/4	663			
CIRCLING	680	1	644	680	1	644	1280	3	1244	1300	3	1264			



CHANGES - REASONS

1. PROCEDURE NAME: CHANGED FROM "ILS OR LOC Z RWY 1L" TO "ILS Z OR LOC Z RWY 1L" – ATC REQUEST
2. TERMINAL ROUTES: CHANGED NAMING OF REBAS FROM "REBAS/SAU 8.35 DME" TO "REBAS INT/SAU 8.35 DME" - FIX IS AN INTERSECTION
3. TERMINAL ROUTES: CHANGED COURSE/DISTANCE INFORMATION FOR REBAS TO FESAV SEGMENT FROM "321.00 & 005.74/1.85(HDG) & 3.86 (I-APC)" TO "320.68 (HDG) & 005.74 (I-APC R-186)/1.85 & 3.87" – IAW 8260.19K 8-6-4(B)
4. TERMINAL ROUTES: MOVED "(I-APC)" FROM DISTANCE TO COURSE ON FESAV TO CIKPI SEGMENT – IAW 8260.19K 8-6-4(B)
5. MAP: CHANGED LOC MAP FROM "LOC: 5.45 NM AFTER CIKPI OR AT I-APC 1.07 DME" TO "LOC: 5.45 NM AFTER CIKPI INT/I-APC 6.52 DME OR AT I-APC/1.07 DME" – IAW 8260.19K 8-6-6(C)
6. MISSED APPROACH INSTRUCTIONS: CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3200 DIRECT SGD VORTAC AND ON SGD VORTAC R-230 TO BURDE INT/SGD 11.31 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3200." TO "CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3200 DIRECT SGD VORTAC AND ON SGD VORTAC R-230 TO BURDE INT/SGD 11.31 DME AND HOLD." – CLIMB IN HOLD NO LONGER REQUIRED, NO CIH MANDATING OBSTACLE
7. ALTERNATE MISSED APPROACH INSTRUCTIONS: CHANGED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 580 THEN CLIMBING LEFT TURN TO 3800 ON SAU VOR/DME R-003 TO DYKEE/13.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3800." TO "CLIMB TO 580 THEN CLIMBING LEFT TURN TO 3900 DIRECT SGD VORTAC AND ON SGD VORTAC R-281 TO DACER INT/SGD 15.51 DME AND HOLD." – ATC REQUEST
8. PROFILE LINE 2: CHANGED FROM "2. HOLD S FESAV, RT, 005.74 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 4500." TO "2. HOLD S FESAV, RT, 005.74 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 4500." – IAW 8260.19K 8-6-7
9. PROFILE LINE 4: REMOVED "ROOSE INT/I-APC 2.43 DME 500*" – FIX ROOSE WAS REMOVED FROM PROCEDURE
10. PROFILE LINE 6: CHANGED FROM "GS ALT AT FAF : CIKPI INT/I-APC 6.52 DME" TO "GS ALT AT PFAF: CIKPI INT/I-APC 6.52 DME 1800" – IAW 8260.19K 8-6-7
11. PROFILE LINE 7: CHANGED FROM "GP ANGLE" TO "GS ANGLE" – IAW 8260.19K 8-6-7
12. NOTES: CHANGED NOTE FROM "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 1L." TO "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 01L MINIMUMS ALL CATS." – ADDED CATS FOR CLARIFICATION
13. NOTES: CHANGED NOTE FROM "CHART NOTE: CIRCLING CATS A/B/C NA NE OF RWYS 19R AND 24. CIRCLING CAT D NA E OF RWY 19L-1R." TO "CHART NOTE: CIRCLING NA FOR CATS A, B, AND C E OF RWY 19R AND NW OF RWY 24" – IAW 8260.19K 8-6-12
14. NOTES: CHANGED NOTE TO READ "CHART NOTE: CIRCLING NA FOR CAT D E OF RWYS 19L AND 01R" – IAW 8260.19K 8-6-12
15. NOTES: REMOVED NOTE "CHART NOTE: CIRCLING RWY 6 NA AT NIGHT" – NO PENETRATIONS EXIST TO WARRANT RESTRICTION
16. NOTES: ADDED NOTE "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 01L CAT C/D VISIBILITY TO 1 7/8 SM." – IAW 8260.19K 8-6-12
17. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PLANVIEW: CCR VOR/DME R-250 AT FESAV." – CCR VOR/DME TO BE DECOMMISSIONED
18. ADDITIONAL FLIGHT DATA: REMOVED "*" LOC ONLY" – NO LONGER REQUIRED
19. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" – NO LONGER REQUIRED
20. ADDITIONAL FLIGHT DATA: REPLACED "CHART IN PLANVIEW: DYKEE INT/SAU 13.00 DME" WITH "CHART IN PLANVIEW: DACER INT/SGD 15.51 DME." – ALTERNATE MISSED APPROACH HOLDING FIX CHANGED FROM DYKEE TO DACER PER ATC REQUEST
21. ADDITIONAL FLIGHT DATA: REPLACED "CHART FAS OBST: 104 TREE 381153N/1221711W." WITH "CHART FAS OBST: 232 TRANSMISSION_LINE (06-000591) 380914N/1221816W." – NEW CONTROLLING OBSTACLE
22. ADDITIONAL FLIGHT DATA: REPLACED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S DYKEE INT/SAU 13.00 DME, RT, 003.00 INBOUND." WITH "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W DACER INT/SGD 15.51 DME, RT, 101.42 INBOUND." – ALTERNATE MA HOLDING INSTRUCTIONS CHANGED PER ATC REQUEST
23. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 2.99 DME." – PER TARGETS CALCULATION
24. ADDITIONAL FLIGHT DATA: ADDED "DISTANCE VDP TO THLD 1.92 NM." – PER TARGETS CALCULATION
25. ADDITIONAL FLIGHT DATA: ADDED "CHART IN PLANVIEW: 2600 NOPT TO FESAV 321 HDG (1.85) AND 006 (3.87)" – UPDATED DISTANCES AND ENSURES PROPER DEPICTION FOR DEADRECKONING INITIAL SEGMENT
26. MINIMUMS: REMOVED ROOSE FIX MINIMUMS – FIX ROOSE REMOVED DUE TO LESS THAN 60 FEET OF RELIEF
27. MINIMUMS: S-LOC 01L MINMUMS INCREASED FROM "500 3/4 483" TO "680 3/4 663" – SDF ROOSE REMOVED, NEW CONTROLLING OBSTACLES
28. MINIMUMS: CIRCLING CAT A MINIMUMS INCREASED FROM "600 1 564" TO "680 1 644" – INCREASED WITH STRAIGHT IN ADJUSTMENT

03/02/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/18/2026.

1. ALTERNATE MISSED APPROACH: INSTRUCTIONS CHANGED FROM "CLIMB TO 580 THEN CLIMBING LEFT TURN TO 3900 DIRECT SGD VORTAC AND ON SGD VORTAC R-281 TO DACER INT/SGD 15.51 DME AND HOLD." TO "CLIMB TO 580 THEN CLIMBING LEFT TURN TO 4500 DIRECT SGD VORTAC AND ON SGD VORTAC R-281 TO DACER INT/SGD 15.51 DME AND HOLD."

COORDINATED WITH:

A4A

ALPA

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AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZOA, NORCAL TRACON, APC ATCT, AMGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

ROBERT G HAMILTON

Feb 18, 2026

OFFICE

AJF

DATE

02/17/2026

DEVELOPED BY

DEVON KERCHER

Digitally signed by

ROBERT G HAMILTON

Feb 18, 2026

OFFICE

AJV-A431

DATE

10/29/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Feb 18, 2026

OFFICE

AJV-A431

DATE

TITLE

MANAGER

