

**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> KSNS	<u>PROCEDURE NAME</u> ILS RWY 31	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> SALINAS	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 84	<u>TDZE</u> 82	<u>SUPERSEDED</u> ILS RWY 31	<u>ORIGINAL/AMENDMENT</u> 5E	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-SNS	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SNS VORTAC		AANNE/SNS 22.00 DME					131.15	22.00	6700
SNS VORTAC		ARTYY/SNS 22.00 DME					107.00	22.00	5900
ARTYY/SNS 22.00 DME CW	IAF	AANNE/SNS 22.00 DME	NOPT				22.00 DME ARC (SNS LR-125)		5900
AANNE/SNS 22.00 DME	IF/IAF	FREZZ/SNS 17.06 DME					314.82	4.94 (I-SNS)	5400
FREZZ/SNS 17.06 DME		DEBBS/SNS 15.66 DME	PFAF				314.82	1.40 (I-SNS)	5000

MISSED APPROACH

MAP:
ILS: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4800 ON SNS VORTAC R-275 TO MARN/SNS 10.92 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4800

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE AANNE, RT, 314.82 INBOUND, 5900 FT. IN LIEU OF PT (IAF), MAX 7000.
- FAC: 314.82 PFAF: DEBBS/SNS 15.66 DME DIST PFAF TO MAP: DIST PFAF TO THLD:
- MIN ALT: AANNE/SNS 22.00 DME 5900, FREZZ/SNS 17.06 DME 5400, DEBBS/SNS 15.66 DME 5000
- DIST TO THLD FROM PFAF: 15.29 MM: IM: 150 HAT: GS ANT: 977
- MIN GS INCPT: 5000 GS ALT AT PFAF: DEBBS/SNS 15.66 DME 5000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 49.9
- MSA FROM: SNS VORTAC 100-220 6300, 220-310 4200, 310-100 5200

QUALITY
22
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SNS VORTAC AIRWAY RADIALS 083 CW 167.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEREY ALTIMETER SETTING AND INCREASE S-ILS 31 DA TO 355 FEET.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING MONTEREY ALTIMETER SETTING, INCREASE S-ILS 31 VISIBILITY TO RVR 4500.
CHART NOTE: DME FROM SNS VORTAC. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-SNS AND SNS DME.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 095.00 INBOUND.
CHART SNS R-107 AT ARTYY.

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.

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 31	302	2400	220	302	2400	220	302	2400	220	302	2400	220			



CHANGES - REASONS

1. CHANGES FROM P-NOTAMS FOR AMDT 5A-5E INCORPORATED INTO FORM, CANCELS T-NOTAM 1/0190.
2. DELETED UAD NDB FROM PROCEDURE - UAD BEING DECOMMISSIONED.
3. CHANGED TERMINAL ROUTE FROM R-107 SNS VORTAC CW (IAF) TO I-SNS LOC CRS (NOPT) 22 DME ARC (SNS LR-124) 5500 TO ARTYY/SNS 22.00 DME CW IAF TO AANNE/SNS 22 DME NOPT 22.00 DME ARC (LR-125) 5500. - IAW 8260.19I PARA 2-10-4.A.(2).
4. CHANGED TERMINAL ROUTE FROM 22 DME ARC TO GLIDESLOPE INTERCEPT 311/6.7 (I-SNS) 5000 TO AANNE/SNS 22.00 DME IF/IAF TO FREZZ/SNS 17.06 DME 314.82/4.94 5400 - IAW 8260.19I PARA 2-10-4.A.(2).
5. ADDED TERMINAL ROUTE FREZZ/SNS 17.06 DME TO DEBBS/SNS 15.66 314.82/1.40 5000 - IAW 8260.19I PARA 2-10-4.A.(2).
6. DELETED PROCEDURE TURN SEGMENT - UAD NDB DECOMMISSIONED.
7. CHANGED MISSED APPROACH HOLDING PATTERN FROM HOLD E. RT, 275 INBOUND TO HOLD W. RT, 095.00 INBOUND - PREVENT PRIMARY AREA FROM ENTERING NO COURSE SIGNAL ZONE FOR ALONG COURSE NAVAID.
8. CHANGED TCH FROM 59.0 TO 49.9 - NEW SURVEY DATA, AND DESIGN TCH.
9. CHANGED LINE 5 DIST TO THLD FROM OM FROM 4.6 TO DIST TO THLD FROM PFAF 15.29 - GS INTERCEPT MOVED DUE TO TCH CHANGE.
10. CHANGED LINE 5 DIST TO THLD FROM GS ANT FROM 1152 TO 977 - REVISED AIRNAV DATA.
11. DELETED DIST TO THLD FROM MM 0.5 - MM DECOMMISSIONED.
12. CHANGED LINE 3 FROM FAC 311 DIST FAF TO MAP 4.6 THLD 4.6 TO FAC 314.82 PFAF DEBBS 15.66 DME - UAD NDB DECOMMISSIONED.
13. CHANGED MSA FROM UAD NDB 090-180 7000, 180-270 6200, 270-090 5200 TO SNS VORTAC 100-220 6300, 220-310 4200, 310-100 5200 - UAD NDB DECOMMISSIONED.
14. AIRPORT ELEVATION CHANGED FROM 85 TO 84 - REVISED AIRNAV DATA.
15. MAGVAR CHANGED FROM 17E TO 13E - REVISED AIRNAV DATA.
16. DELETED TERMINAL ROUTE SNS VORTAC TO UAD NDB/SNS 12.1 - UAD NDB DECOMMISSIONED.
17. ADDED TERMINAL ROUTE SNS VORTAC TO AANNE HILPT - TO REPLACE DELETED PROCEDURE TURN SEGMENT.
18. ILS MAP CHANGED FROM ILS AT THE DH TO ILS: DA - IAW 8260.19I PARA 8-6-6.C.1.
19. REMOVED FAS OBST DATA - NOT REQUIRED ON PRECISION APPROACH.
20. CHANGE MISSED APPROACH INSTRUCTIONS FROM CLIMB 800, THEN CLIMBING LEFT TURN TO 3000 VIA SNS R-275 TO MARNA INT/10.9 DME AND HOLD TO CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4800 ON SNS VORTAC R-275 TO MARNA/SNS 10.92 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4800 - TO PREVENT PRIMARY AREA FROM ENTERING NO COURSE SIGNAL ZONE.
21. ADDED CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19I PARA 8-6-9M(1).
22. ADDED CHART NOTE: DME FROM SNS VORTAC. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-SNS AND SNS DME - IAW 8260.19I PARA 8-6-9K.
23. ADDED DME REQUIRED TO EQUIPMENT NOTES - IAW 8260.19I PARA 8-6-8A(2)(A).
24. ADDED CHART NOTE: FOR INOPERATIVE ALS WHEN USING MONTEREY ALTIMETER SETTING, INCREASE S-ILS 31 VISIBILITY TO RVR 4500 - IAW 8260.19I PARA 8-6-11.O(3)(D).
25. CHANGED LINE 6 INFORMATION FROM GS ALT UAD/NDB/DME 3987 OM 1616, MM 301 TO GS ALT AT PFAF: DEBBS/SNS 15.66 DME 5000 - UAD NDB DECOMMISSIONED.
26. ADDED CHART SNS R-107 AT ARTTY - IAW 8260.19I PARA 8-6-10.Q.
27. ALT MINS CHANGED FROM ILS STANDARD; CAT D 700 2 1/4 TO ILS STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE; NA WHEN CONTROL TOWER CLOSED - IAW 8260.19I 8-6-11.B.(4)
28. DELETED CHART PLANVIEW NOTE: ADF OR DME REQUIRED - DME REQUIRED ADDED TO EQUIPMENT REQUIREMENT NOTES.
29. ADDED PROCEDURE NA FOR ARRIVAL ON SNS VORTAC AIRWAY RADIALS 083 CW 167 - IAW 8260.3E PARA 2-3-1A & 8260.19I PARA 8-2-5E.
30. CHANGED DA/HAT FROM 282/200 TO 302/220 - TARGETS DETERMINED PRECIPITOUS TERRAIN EXISTS IN FINAL SEGMENT. PER 8260.3E PARA 3-2-2.B.(1).(A).2 HAT INCREASED BY 10 PERCENT.
31. CHANGED LOCAL ALTIMETER SETTING NOTE FROM CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEREY, PENINSULA ALTIMETER SETTING AND INCREASE S-ILS 31 DA 53 FEET. TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEREY ALTIMETER SETTING AND INCREASE S-ILS 31 DA TO 355 FEET - IAW 8260.19I PARA 8-6-11.O.(4)(B).
32. ADDED FEEDER ROUTE FROM SNS VORTAC TO ARTYY - PER FPT REQUEST, TO ENABLE PILOT TO TRANSITION TO IAF.

COORDINATED WITH:

AAA ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBA** ☒ **OTHER:** ZOA, NORCAL TRACON, SNS ATCT
Digitally signed by

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17 MEMO DATED 07/07/2021. Apr 08, 2022
Digitally signed by

DONALD E SMITH OFFICE**DATE****DEVELOPED BY**

WILLIAM D. MELTON

CASIMIR L TABAKA

Jan 11, 2022

OFFICE

AJV-A422

DATE

01/27/2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***CASIMIR L TABAKA**

Jan 11, 2022

OFFICE

AJV-A420

DATE

12/27/2021

TITLE

MANAGER