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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
SNS	ILS RWY 31	7	SALINAS	CA

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
84	82	ILS RWY 31	6	05/19/2022	13E	2020

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
I-SNS			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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 3000 ON SNS VORTAC R-275 TO MARNA/SNS 10.92 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SE AANNE, RT, 314.82 INBOUND, 5900 FT. IN LIEU OF PT (IAF), MAX 7000.
3. **FAC:** 314.82 **FAF:** DEBBS/SNS 15.66 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:** AANNE/SNS 22.00 DME 5900, FREZZ/SNS 17.06 DME 5400, DEBBS/SNS 15.66 DME 5000
5. **DIST TO THLD FROM PFAF:** 15.29 **MM:** **IM:** **150 HAT:** **GS ANT:** 976
6. **MIN GS INCPT:** 5000 **GS ALT AT PFAF:** DEBBS/SNS 15.66 DME 5000 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 49.9
8. **MSA FROM:** SNS VORTAC 100-220 6300, 220-310 4200, 310-100 5200

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SNS VORTAC AIRWAY RADIALS 083 CW 167.
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.

MINIMUMS:

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

ALTERNATE: NA ☐ 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. UPDATED MISSED APPROACH INSTRUCTIONS FROM "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 "CLIMB TO 800, THEN CLIMBING LEFT TURN TO 3000 ON SNS VORTAC R-275 TO MARNA/SNS 10.92 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" - ATC REQUEST FOR TRAFFIC DECONFLICTION AND NEW EVALUATION.
2. PROFILE LINE 5: UPDATED GS ANT FROM 977 TO 976 – UPDATED AIRNAV DATA.
3. MOVED BACKUP ALTIMETER NOTE AND ASSOCIATED ALS NOTE FROM 8260-3 TO 8260-9 PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.19I, 8-6-9F(3), WEATHER IS ON WMSCR.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, NORCAL TRACON, SNS ATCT

FLIGHT CHECKED BY JOSEPH R JAQUISH	*Digitally signed by* ***ERIC N SUSKI*** Mar 15, 2024	**OFFICE** FPO	**DATE** 03/06/2024	
DEVELOPED BY PARNELL PRASSADA	*Digitally signed by* ***PARNELL R PRASSADA*** Dec 20, 2023	**OFFICE** AJV-A431	**DATE** 11/22/2023	
APPROVED BY ERIC N SUSKI	*Digitally signed by* ***ERIC N SUSKI*** Mar 15, 2024	**OFFICE** AJV-A431	**DATE**	**TITLE** MANAGER

QUALITY 21 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SNS	ILS RWY 31	7	SALINAS	CA	84	I-SNS

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
SNS VORTAC

TO
AANNE/SNS 22.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	22.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	362418.00N/1212930.00W	4662	215	8	4B	2000					6700
TERRAIN	362418.00N/1212930.00W	4461 (4500)								AS1500	6000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM
SNS VORTAC

TO
ARTYY/SNS 22.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	22.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	362651.00N/1211145.00W	3498	215	8	4B	2000				AT402	5900
TERRAIN	362651.00N/1211145.00W	3297 (3300)								AS1500	4800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SNS	ILS RWY 31	7	SALINAS	CA	84	I-SNS

INITIAL: ARC

FROM
ARTYY/SNS 22.00 DME CW

TO
AANNE/SNS 22.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	362651.00N/1211145.00W	3498	215	8	4B	1000				PR320 AT1082	5900
TERRAIN	362609.00N/1211112.00W	3198 (3200)								AS1500	4700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
AANNE/SNS 22.00 DME

TO
FREZZ/SNS 17.06 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.94				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	362157.00N/1212624.00W	4472	215	8	4B	500				PR320 AT108	5400
TERRAIN	362157.00N/1212624.00W	4271 (4300)								AS1000	5300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SNS	ILS RWY 31	7	SALINAS	CA	84	I-SNS

INTERMEDIATE: STEPDOWN

FROM
FREZZ/SNS 17.06 DME

TO
DEBBS/SNS 15.66 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	1.40				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	362324.00N/1212745.00W	4085	215	8	4B	500				SA-155 PR320 AT250	5000
TERRAIN	362415.00N/1212730.00W	2719 (2700)								AS1500	4200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM
DEBBS/SNS 15.66 DME

TO
RW31

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	15.29		DA	220	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				302

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM	TO
AANNE	P-6

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-6			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	362157.00N/1212624.00W	4472	215	8	4B	1000				PR370	5900
TERRAIN	362157.00N/1212624.00W	4271 (4300)								AS1500	5800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM	TO
DA	MARNA/SNS 10.92 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					151

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	364403.00N/1213924.00W	345	250	10	4B	1000					1400
TERRAIN	363945.00N/1214654.00W	242 (200)								AS1500	1700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SNS	ILS RWY 31	7	SALINAS	CA	84	I-SNS

MSA

CENTER	RADIUS
SNS VORTAC	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
100-220	AAO	361839.00N/1213406.00W	158	21.2	5256	215	8	4B	1000			6300
220-310	AAO	362703.00N/1215212.00W	208	18.1	3173	215	8	4B	1000			4200
310-100	AAO	363530.00N/1210136.00W	082	28.2	4190	215	8	4B	1000			5200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SNS	ILS RWY 31	7	SALINAS	CA	84	I-SNS

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SNS TOWER, ZOA ARTCC, NORCAL APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	SNS	24	SNS	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	MRY	24	MRY	12.49	Y	53

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KSNS 84, KMRY 257
RA = 52.8.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-SNS	ATCT	WHEN OPEN	1
		WHEN CLOSED.	3

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW08 - MIRL (PCL), VASI-2L	NPI-G	
RW26 - MIRL (PCL), REIL (PCL), VASI-2L	NPI-G	
RW13 - HIRL (PCL), REIL (PCL), VASI-4L	PIR-G	ROLL OUT
RW31 - MALSR (PCL), HIRL (PCL), PAPI-2L (PCL)	PIR-G	APPROACH

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	82.0	49.9	77.2	976	3.00	59.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:
VGS (ILS) ALLOWABLE LIGHTING (06-286345) 0.85 FT PENETRATION.

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

ALTERNATE MISSED APPROACH NOT DEVELOPED PER FPT CHECKLIST, NO SUITABLE ALTERNATED MISSED CAN BE DEVELOPED.

45 FOOT VEGETATION USED PER FPT CHECKLIST.

CONTINGENCY ALTIMETER NOTE:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEREY ALTIMETER SETTING AND INCREASE S-ILS 31 DA TO 355 FEET.

CONTINGENCY LIGHTING NOTE:
FOR INOPERATIVE ALS WHEN USING MONTEREY ALTIMETER SETTING, INCREASE S-ILS 31 VISIBILITY TO RVR 4500.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	3.08
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	0.88
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	327.82
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	1800
DISTANCE FROM	THLD	**TO 1500FT POINT**	21.02
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	8.00
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	327.82
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	4200

THRESHOLD COORDINATES (IF STR-IN)	363926.62N/1213604.49W
ARP COORDINATES	363944.68N/1213625.75W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 8 DISTANCE 0.55 NM
FAF COORDINATES	362628.85N/1212559.16W
FIX NAME COORDINATES	

REMARKS

QUALITY 21 CHECKED

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
PARNELL PRASSADA	AJV-A431	11/22/2023	AERONAUTICAL INFORMATION SPECIALIST

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SNS	ILS RWY 31	7	SALINAS	CA	84	I-SNS