

**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> RDD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> REDDING	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 505	<u>TDZE</u> 505	<u>SUPERSEDED</u> RNAV (GPS) RWY 16	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 14E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
			<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>
SAVOE	IAF	SENNE		TF	FB	1.00	106.17	10.57	7000
SENNE		WARSU		TF	FB	1.00	106.22	6.01	5500
WARSU	IF	MAHCU		TF	FB	1.00	166.07	3.61	4800
MAHCU		VOIDS		TF	FB	1.00	166.06	3.18	3800
VOIDS	FAF	USYEK/3.58 NM TO RW17		TF	FB	0.30	166.07	5.32	
USYEK/3.58 NM TO RW17		RW17	MAP	TF	FO	0.30	166.07	3.58	
RW17	MAP	821 MSL		CA			166.07		
821 MSL		UKDOW		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT UKDOW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- PROFILE STARTS AT WARSU
- FAC: 166.07 FAF: VOIDS DIST FAF TO MAP: 8.90 DIST FAF TO THLD: 8.90
- MIN ALT: WARSU 5500, MAHCU 4800, VOIDS 3800, USYEK/3.58 NM TO RW17 1860
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 316 HAT: 0.72 GS ANT: MM: IM:
- MIN GP INCPT: 3800 GP ALT AT PFAF: VOIDS 3800 OM: MM: IM:
- GP ANGLE: 3.43 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 55.0
- MSA FROM: RW17 8200



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 53°C.
CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAVOE ON T263 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 346.08 INBOUND.
CHART FAS OBST: 695 TREE (06-309655) 403342N/1221735W.
CHART VDP AT 1.14 NM TO RW17.
WAAS CHANNEL # 86443
REFERENCE PATH ID: W17A
LTP HAE: 126.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, 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
LPV DA	821	7/8	316	821	7/8	316	821	7/8	316	821	7/8	316			
LNAV/VNAV DA	911	1 1/8	406	911	1 1/8	406	911	1 1/8	406	911	1 1/8	406			
LNAV MDA	960	1	455	960	1	455	960	1 3/8	455	960	1 3/8	455			
CIRCLING	960	1	455	1000	1	495	1120	1 3/4	615	1340	2 3/4	835			

CHANGES - REASONS

- ALL REFERENCES TO RWY NUMBER CHANGED FROM 16 TO 17 - RUNWAY RENUMBERED FROM PREVIOUS MAGVAR UPDATE
- CHANGED CHART NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 53°C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 53°C- NEW 5 YEAR HISTORICAL TEMPERATURE STUDY USED IN NEW EVALUATION FOR ACT.
- CHANGED VDP FROM 1.32 NM TO RW 16 TO 1.14 NM TO RW 17- UPDATED OBSTACLE EVALUATION INCREASED MDA.
- CHANGED LPV DA/VIS/HAT FROM 755/ 3/4 /250 TO 821/ 7/8 /316 - 594 FT MSL TREE 403141.56N/1221747.76W IDENTIFIED IN NEW OBSTACLE EVALUATION.
- CHANGED LNAV/VNAV DA/HAT FROM 892/387 TO 911/406 - 632 FT MSL TREE 403209.00N/1221657.00W IDENTIFIED IN NEW OBSTACLE EVALUATION.
- REMOVED "CHART CIRCLING ICON" - PER REMOVAL OF CIRCLING ICONS MEMO DATED 5/15/25.
- ADDED CHART NOTE: CIRCLING TO RWY 13 NA AT NIGHT- NEW UNLIT 20:1 PENETRATIONS IDENTIFIED IN OBSTACLE EVALUATION.
- CHANGED MSA FROM RW16 8100 TO RW17 8200 - 7156 FT MSL AAO 403318.00N/1224603.00W IDENTIFIED IN NEW OBSTACLE EVALUATION.
- CRC REMAINDER CHANGED FROM 4B6ABD86 TO 5583E238 - REFERENCE PATH IDENTIFIER (APPROACH ID) CHANGED FROM W16A TO W17A ; FPAP LAT/LONG CHANGED FROM 403113.2080N/1221741.6205W TO 402944.0450N/1221741.6245W; LTP/FTP CHANGED FROM 403113.200N/1221741.6205W TO 403113.2055N/1221741.4750W.
- TERMINAL ROUTES: MAHCU TO VOIDS COURSE CHANGED FROM 166.07 TO 166.06 - FAF MOVED TO ALIGN WITH ANGLE/TCH.
- TERMINAL ROUTES: CA LEG ALTITUDE CHANGED FROM 755 TO 821 - UPDATED OBSTACLE EVALUATION IDENTIFIED NEW CONTROLLERS INCREASING LOWEST DA.
- PROFILE LINE 4: REMOVED ASTERISK FROM MIN ALT AT RW17 1860 - NO LONGER REQUIRED BY CRITERIA.
- PROFILE LINE 5: 250 HAT: 0.54 CHANGED TO 316 HAT: 0.72 - NEW CONTROLLING OBSTACLE IDENTIFIED FOR LPV INCREASING DA.
- PBN REQUIREMENTS NOTE: CHANGED FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19K 8-6-8.D.(5).(A).1.
- ADDITIONAL FLIGHT DATA: NON-PRECISION CONTROLLING OBSTACLE CHANGED FROM 692 TREE (06-128412) 403342N/1221735W TO 695 TREE (06-309655) 403342N/1221735W - UPDATED OBSTACLE EVALUATION IDENTIFIED NEW CONTROLLING OBSTACLE.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

RDD ATCT, ZOA, AMGR

FLIGHT CHECKED BY

TROY E DEVINE

Digitally signed by

ALLAN WILL

Jan 27, 2026

OFFICE

AJF

DATE

01/23/2026

Digitally signed by

ALLAN WILL

Jan 27, 2026

OFFICE

AJV-A4

DATE

09/03/2025

Digitally signed by

ALLAN WILL

Jan 27, 2026

OFFICE

AJV-A4

DATE

TITLE

MANAGER

APPROVED BY

KYLE THOMPSON

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KRDD
RW17
0
0
W17A
403113.2055N
1221741.4750W
+01261
402944.0450N
1221741.6245W
00055.0
F
03.43
106.75
0616
40.0
50.0

CRC REMAINDER

5583E238

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K2
+01539
+01539

