

**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</u> REDDING MUNI	<u>AIRPORT ID</u> KRDD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> REDDING	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 505	<u>TDZE</u> 499	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/27/2009	<u>MAG VAR</u> 14E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-02.

<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>
TOMAD		EVEY		TF	FB	1.00	066.23	12.71	5000
HOMAN		UKDOW		TF	FO	1.00	213.94	10.28	3400
BEIRA		UKDOW		TF	FO	1.00	144.70	14.20	3000
EVEY	IAF	UKDOW	NOPT	TF	FB	1.00	075.94	9.00	3000
RBL VORTAC	IAF	UKDOW	NOPT	TF	FB	1.00	332.72	11.77	3000
UKDOW	IF/IAF	LASSN		TF	FB	1.00	346.08	5.88	2700
LASSN	FAF	CUYAP/2.25 NM TO RW34		TF	FB	0.30	346.07	4.52	
CUYAP/2.25 NM TO RW34		RW34	MAP	TF	FO	0.30	346.07	2.25	
RW34	MAP	1700 MSL		CA			346.07		1700
1700 MSL		ITMOR		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 5000 DIRECT ITMOR, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
23
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S UKDOW, LT, 346.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 346.07 FAF: LASSN DIST FAF TO MAP: 6.78 DIST FAF TO THLD: 6.78
4. MIN ALT: UKDOW 3000, LASSN 2700, CUYAP/2.25 NM TO RW34 1260*
5. DIST TO THLD FROM PFAF: 6.78 MM: IM: 150 HAT: 200 HAT: 0.49 GS ANT:
6. MIN GP INCPT: 2700 GP ALT AT FAF : LASSN 2700 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 51.7
8. MSA FROM: RW34 8100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM AND LNAV CAT C,D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART: MAXWELL 2 MOA
CHART CIRCLING ICON.
CHART VDP AT 0.99 NM TO RW34*
*LNAV ONLY
WAAS CHANNEL #56402
REFERENCE PATH ID: W34A
CHART FAS OBST: 593 POLE 403020N/1221822W.
HOLD S, LT, 001.00 INBOUND
LTP HAE: 121.7 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	699	1/2	200	699	1/2	200	699	1/2	200	699	1/2	200			
LNAV/VNAV DA	754	1/2	255	754	1/2	255	754	1/2	255	754	1/2	255			
LNAV MDA	860	1/2	361	860	1/2	361	860	5/8	361	860	5/8	361			
CIRCLING	940	1	435	1000	1	495	1120	1 3/4	615	1340	2 3/4	835			



CHANGES - REASONS

1. ALL COURSES IN TERMINAL ROUTES INCREASED 4 DEGREES- MAG VAR UPDATE FROM 18E/1980 TO 14E/2020.
2. FAC CHANGED FROM 342.07 TO 346.07- MAG VAR UPDATE FROM 18E/1980 TO 14E/2020.
3. PT FINAL COURSE UPDATED FROM 342.07 TO 346.08- MAG VAR UPDATE FROM 18E/1980 TO 14E/2020 AND NEW TARGETS EVALUATION.
4. FAF TO MAP AND FAF TO THLD UPDATED FROM 6.65 TO 6.78- FAF MOVED DUE TO TARGETS CALCULATION.
5. ADDED 20:1 IS CLEAR- IAW 8260.19H 8-6-7G(3).
6. LOWERED LPV DA/ HAT FROM 790/291 TO 699/200- NEW TARGETS EVALUATION AND CONTROLLING OBSTACLE.
7. LOWERED LNAV/VNAV DA/HAT/VIS FROM 944/445/1 TO 754/255/1/2- NEW TARGETS EVALUATION AND CONTROLLING OBSTACLE.
8. LOWERED LNAV MDA/HAT FROM 940/441 TO 860/361, CAT C VISIBILITY FROM 3/4 TO 5/8 SM AND CAT D VISIBILITY FROM 1 TO 5/8 SM- NEW TARGETS EVALUATION AND CONTROLLING OBSTACLE.
9. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 5000 DIRECT OVICU AND RIGHT TURN VIA 093.39 TRACK TO ITMOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000 TO CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 5000 DIRECT ITMOR, CONTINUE CLIMB-IN-HOLD TO 5000- PER FPT REQUEST.
10. UPDATED VDP FROM 1.24 NM TO .99 NM- LOWERED MDA BY 80 FT.
11. RAISED MIN ALT AT CUYAP FROM 1240 FT TO 1260 FT- NEW TARGETS EVALUATION.
12. REMOVED CHART NOTE: CIRCLING TO RWY 12 NA AT NIGHT- NO RWY 12 20:1 PENETRATIONS IN NEW TARGETS EVALUATION.
13. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F) TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C- 5 YEAR HISTORY AVAILABLE AND 8260.19H 8-6-8S.
14. REMOVED CHART NOTE: DME/DME RNP-0.3 NA- 8260.19H 4-6-10E.
15. ADDED PBN REQUIREMENTS NOTE RNP APCH- 8260.19H 8-6-8 B(2).
16. MISSED APPROACH HOLDING COURSE CHANGED FROM 357.00 TO 001.00 - KRDD AIRPORT MAG VAR UPDATE FROM 18E/1980 TO 14E/2020.
17. CHANGED FROM CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE. WHEN USING RED BLUFF ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE TO CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM AND LNAV CAT C,D VISIBILITY TO 1 SM.- 8260.19H 8-7-1C(10).
18. REMOVED ALL REFERENCES TO RED BLUFF ALTIMETER SETTING - MOVED TO 8260-9 AS CONTINGENCY PER IFP POLICY.
19. LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM 01218 TO 01217- NEW TARGETS EVALUATION AND FAF LOCATION.
20. CHANGED LENGTH OFFSET FROM 0000 TO 0616- NEW TARGETS EVALUATION AND FAF LOCATION.
21. CRC REMAINDER CHANGED FROM 64848266 TO AE58E05E- NEW TARGETS EVALUATION AND FAF LOCATION.
22. FPAP LATITUDE CHANGED FROM 403113.2100N TO 403133.1655N- NEW TARGETS EVALUATION.
23. FPAP LONGITUDE CHANGED FROM 1221741.4600W TO 1221741.4425W- NEW TARGETS EVALUATION.
24. LTP ORTHOMETRIC HEIGHT CHANGED FROM 01496 TO 01495- NEW TARGETS EVALUATION AND FAF LOCATION.
25. FPAP ORTHOMETRIC HEIGHT CHANGED FROM 01496 TO 01495- NEW TARGETS EVALUATION AND FAF LOCATION.
26. UPDATED FAS OBSTACLE FROM 639 LIGHTPOLE TO 593 POLE (06-130331)- NEW TARGETS EVALUATION.
27. CHANGED DISTANCE TO THLD FROM 291 HAT: 0.78NM TO 200 HAT: 0.49 NM- NEW TARGETS EVALUATION.
28. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - APPLICATION OF EXPANDED CIRCLING CRITERIA.
29. LOWERED CAT A CIRCLING MDA/HAA FROM 1000/495 TO 940/495, INCREASED CAT C MDA/HAA AND VISIBILITY FROM 1000/495 1 1/2 TO 1120/615 1 3/4, INCREASED CAT D MDA/HAA AND VISIBILITY FROM 1060/555 2 TO 1340/ 835 2 3/4- APPLICATION OF EXPANDED CIRCLING CRITERIA.
30. ALT MINS: ADDED CAT D 900-2 3/4 - APPLICATION OF EXPANDED CIRCLING CRITERIA INCREASED CAT D MDA AND VISIBILITY.

12/18/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/15/2019.

1. CHANGED IN NOTES CHART PROFILE NOTE: VGSI AND GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) TO CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZOA, RDD ATCT, AMGR, CA AERO

FLIGHT CHECKED BY
JAMES MICHAEL MEEK

OFFICE
FIOG

DATE
11/8/2019

Digitally signed by
ALLAN WILL
Dec 18, 2019

DEVELOPED BY
ALLAN WILL (MICHAEL W HARRIS)

OFFICE
AJV-A423

DATE
08/08/2019

Digitally signed by
ALLAN WILL
Dec 18, 2019

APPROVED BY
MARLON ROBINSON

OFFICE
AJV-A420

DATE

Digitally signed by
ALLAN WILL
Dec 18, 2019

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRDD
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	403004.0050N
LTP/FTP LONGITUDE	1221741.5915W
LTP/FTP ELLIPSOIDAL HEIGHT	+01217
FPAP LATITUDE	403133.1655N
FPAP LONGITUDE	1221741.4425W
THRESHOLD CROSSING HEIGHT (TCH)	00051.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	AE58E05E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01495
FPAP ORTHOMETRIC HEIGHT	+01495

