

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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> VOR RWY 34	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> REDDING	<u>STATE</u> CA	
<u>AIRPORT ELEVATION</u> 505	<u>TDZE</u> 499	<u>SUPERSEDED</u> VOR RWY 34	<u>ORIGINAL/AMENDMENT</u> 10F	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 18E	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RDD	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BEIRA INT		RDD VOR/DME					076.01	5.32	4000
ITMOR INT		RDD VOR/DME					224.00	11.95	3900
RBL VORTAC		RDD VOR/DME					336.05	24.45	3100

MISSED APPROACH

MAP:

RDD VOR/DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 5300 ON HDG 090 AND ON RDD VOR/DME R-044 TO ITMOR INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5300.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMBING LEFT TURN TO 3100 IN REDDING VOR/DME HOLDING PATTERN, CONTINUE CLIMB-IN-HOLD TO 3100.

PROFILE:

1. PT R SIDE OF COURSE 175.00 OUTBOUND 2600 FT WITHIN 10 MILES OF RDD VOR/DME (IAF)
- 2.
3. FAC: 355.00 FAF: DIST FAF TO MAP: DIST FAF TO THLD:
4. MIN ALT: MACHL/RDD 3.77 DME 1680
8. MSA FROM: RDD VOR/DME 020-110 7900, 110-200 4600, 200-290 8100, 290-020 6700

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-34 CATS C/D.
CHART NOTE: MACHL FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-34 CAT C/D VISIBILITY TO 1 3/4 SM.



ADDITIONAL FLIGHT DATA:

CHART ALTERNATE MA HOLDING, HOLD S, RDD VOR/DME, LT, 355.00 INBOUND.
FAC CROSSES RWY C/L EXTENDED 2595 FEET FROM THLD.
MACHL TO RDD VOR/DME: 3.02/55.
CHART VDP AT 1.96 DME.
DISTANCE VDP TO THLD 1.73 NM.
CHART CIRCLING ICON.
FAS OBST: 850 AAO 402632N/1222107W.

HOLD S, LT, 357.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 1200-2, CAT C, D 1200-3, 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
S-34	1680	3/4	1181	1680	1	1181	1680	3	1181	1680	3	1181			
CIRCLING	1680	1 1/4	1175	1680	1 1/2	1175	1680	3	1175	1680	3	1175			
MACHL FIX MINIMUMS															
S-34	1100	1/2	601	1100	1/2	601	1100	1 3/8	601	1100	1 3/8	601			
CIRCLING	1100	1	595	1100	1	595	1120	1 3/4	615	1340	2 3/4	835			



CHANGES - REASONS

1. UPDATED TERMINAL ROUTE BIERA TO RDD VOR/DME COURSE AND ALTITUDE FROM 075.92/3000 TO 076.01/4000 - PER TARGETS EVALUATION/NEW CONTROLLING OBSTACLE.
2. UPDATED TERMINAL ROUTE ITMOR TO RDD VOR/DME COURSE AND ALTITUDE FROM 224.15/3700 TO 224.00/3900 - PER TARGETS EVALUATION/NEW CONTROLLING OBSTACLE.
3. UPDATED TERMINAL ROUTE RBL VORTAC TO RDD VOR/DME ALTITUDE FROM 3000 TO 3100 - NEW CONTROLLING OBSTACLE.
4. MISSED APPROACH CHANGED FROM CLIMBING RIGHT TURN TO 5300 ON HEADING 090 AND ON RDD VOR/DME R-044 TO ITMOR INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5300 TO CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 5300 ON HEADING 090 AND ON RDD VOR/DME R-044 TO ITMOR INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5300 - CIH OBSTACLE MANDATED A CHANGE IN ROUTING TO CLEAR OBSTACLE.
5. ALTERNATE MISSED APPROACH INSTRUCTIONS CHANGED FROM ", OR AS DIRECTED BY ATC. CLIMBING RIGHT TURN TO 3000 IN REDDING VOR/DME HOLDING PATTERN, CONTINUE CLIMB-IN-HOLD TO 3000, HOLD S, LT, 355.00 INBOUND." TO "CLIMBING LEFT TURN TO 3100 IN REDDING VOR/DME HOLDING PATTERN, CONTINUE CLIMB-IN-HOLD TO 3100." - OLD PHRASE NOT USED ON FORM ANYMORE; ALTERNATE MISSED CIH AT MAP REQUIRES A LEFT TURN ON DEPARTURE PER AGT #TGTS-94.
6. PROFILE LINE 1: OUTBOUND ALTITUDE INCREASED FROM 2000 TO 2600 - NEW CONTROLLING OBSTACLES/TERRAIN.
7. PROFILE LINE 4: UPDATED FROM RDD 2.60 DME 1260 TO MACHL/RDD 3.77 DME 1680 - RESULT OF A HIGHER PT COMPLETION ALTITUDE AND A LIMITING DESCENT GRADIENT.
8. DECREASED MSA SECTOR 020-110 ALTITUDE FROM 8100 TO 7900 AND SECTOR 200-290 ALTITUDE FROM 8200 TO 8100 - PER TARGETS EVALUATION/NEW CONTROLLING OBSTACLES.
9. REPLACED "CHART NOTE: FOR INOPERATIVE MALSR INCREASE CAT D S-34 DME MINIMUMS VISIBILITY 1/4 MILE" WITH "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-34 CATS C/D." - PER VISCHECK.
10. ADDED CHART NOTE: MACHL FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-34 CAT C/D VISIBILITY TO 1 3/4 SM. - PER VISCHECK.
11. ADDL FLIGHT DATA: NOTE CHANGED FROM CHART FAS OBST: 593 TREE 402954N/1221640W TO FAS OBST: 850 AAO 402632N/1222107W - NEW CONTROLLING OBSTACLE.
12. ADDL FLIGHT DATA: NOTE CHANGED FROM FAC CROSSES RWY C/L EXTENDED 2500 FT FROM THLD TO FAC CROSSES RWY C/L EXTENDED 2595 FEET FROM THLD - PER TARGETS EVALUATION.
13. ADDL FLIGHT DATA: ADDED CHART ALTERNATE MA HOLDING, HOLD S, RDD VOR/DME, LT, 355.00 INBOUND - IAW 8260.19H PARA 8-6-6H(2).
14. ADDL FLIGHT DATA: ADDED CHART CIRCLING ICON - ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.
15. ADDL FLIGHT DATA: ADDED CHART VDP AT 1.96 DME - IAW 8260.19H PARA 8-6-10N(1).
16. ADDL FLIGHT DATA: ADDED DISTANCE VDP TO THLD 1.73 NM - IAW 8260.19H PARA 8-6-10N(1).
17. ADDL FLIGHT DATA: ADDED MACHL TO RDD VOR/DME: 3.02/55 - IAW 8260.19H PARA 8-6-10P(1).
18. NON-DME S-34 MINIMUMS (MDA/HAT) RAISED FROM 1260/761 TO 1680/1181 - NEW CONTROLLING OBSTACLES/AIRSPACE AFFECTED PROCEDURE DESIGN CONSIDERABLY.
19. NON-DME CIRCLING MINIMUMS (MDA/HAA) RAISED FROM 1260/755 TO 1680/1175 - NEW CONTROLLING OBSTACLES/AIRSPACE AFFECTED PROCEDURE DESIGN CONSIDERABLY.
20. DME S-34 MINIMUMS (MDA/HAT) RAISED FROM 860/361 TO 1100/601 - 2600 PT COMPLETION ALTITUDE LIMITS MDA TO 1100 IAW 8260.3D PARA 4-2-4D.
21. DME CIRCLING MINIMUMS (MDA/HAA) RAISED FROM (CATS A;B;C;D): 940/435; 960/455; 960/455; 1060/555 TO 1100/595; 1100/595; 1120/615; 1340/835 - NEW RADII/CONTROLLING OBSTACLES/FINAL LIMITATIONS.
22. COORDINATED WITH: REMOVED SEVERAL UNKNOWN AGENCIES FROM OTHER: AWP220, AVN220, ATO250; ALSO CHANGED "RDD ATCT/ARPT MGR" TO "RDD AMGR, RDD TOWER" - DELETED ORGANIZATIONS NO LONGER EXIST.
23. NON-DME VISIBILITY MINIMUMS - CATS A/B/C/D VISIBILITIES INCREASED FROM: S-34 1/2 / 3/4 / 1 3/4 / 2 ; CIRCLING 1 / 1 1/4 / 2 1/4 / 2 1/2 TO: S-34 3/4 / 1 / 3 / 3 ; CIRCLING 1 1/4 / 1 1/2 / 3 / 3 - PER VISCHECK; RESULT OF HIGHER MINS.
24. DME VISIBILITY MINIMUMS - CATS A/B/C/D VISIBILITIES UPDATED FROM: S-34 1/2 / 1/2 / 1/2 / 1 ; CIRCLING 1 / 1 / 1 1/2 / 2 TO: S-34 1/2 / 1/2 / 1 3/8 / 1 3/8 ; CIRCLING 1 / 1 / 1 3/4 / 2 3/4 - PER VISCHECK; RESULT OF HIGHER MINS.
25. PROCEDURAL NOTE: KRBL ALTIMETER SOURCE RASS ADJUSTMENT INCREASED FROM 0 FEET TO 71 FEET - RASS CALCULATED IAW 8260.3D PARA 3-2-2C AND FORMULA 3-2-3; NOTES ADDED TO 8260-9 CONTINGENCY NOTES.
26. ADDL FLIGHT DATA: DELETED FAC IS A FLIGHT CHECK VALUE - NO LONGER REQUIRED.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, RDD AMGR, RDD TOWER

Digitally signed by

FLIGHT CHECKED BY**ALLAN WILL**

JAMES M MEEK

Nov 15, 2019

OFFICE

FICO

DATE

11/8/19

DEVELOPED BY

MARK CIARLONE

*Digitally signed by***MARK CIARLONE**

Sep 17, 2019

OFFICE

AJV-A423

DATE

07/26/2019

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Nov 15, 2019

OFFICE

AJV-A420

DATE**TITLE
MANAGER**