

**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 RDD	PROCEDURE NAME ILS OR LOC RWY 35	ORIGINAL/AMENDMENT 13	CITY REDDING	STATE CA
AIRPORT ELEVATION 505	TDZE 499	SUPERSEDED ILS OR LOC RWY 34	DATED 01/30/2020	MAG VAR 14E
FACILITY I-RDD	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TAYTO INT/RDD VOR/DME 9.44 DME		RDD VOR/DME					112.83	9.44	5500
ITMOR INT/RDD VOR/DME 11.95 DME		RDD VOR/DME					224.00	11.95	5500
RDD VOR/DME		LASSN/8.09 DME					163.27	6.98	3000
RBL VORTAC	IAF	DIBLE INT/I-RDD 18.00 DME	NOPT				321.93	7.91	3000
DIBLE INT/I-RDD 18.00 DME	IF	LASSN/8.09 DME					346.07 (I-RDD)	9.91	2700

MISSED APPROACH

MAP:

ILS: DA
LOC: I-RDD 1.32 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 110 AND RDD R-044 TO ITMOR INT/RDD 11.95 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT R SIDE OF COURSE 166.07 OUTBOUND 3000 FT WITHIN 15 MILES OF LASSN/8.09 DME (IAF)
-
- FAC: 346.07 FAF: LASSN/8.09 DME DIST FAF TO MAP: DIST FAF TO THLD: 6.78
- MIN ALT: DIBLE INT/I-RDD 18.00 DME 3000, LASSN/8.09 DME 2700, CUYAP/3.57 DME 1260
- DIST TO THLD FROM FAF: 6.78 MM: IM: 150 HAT: GS ANT: 999
- MIN GS INCPT: 2700 GS ALT AT PFAF: LASSN/8.09 DME 2700 OM: MM: IM:
- GS ANGLE: 3.00 34:1 20:1 TCH: 51.7
- MSA FROM: RDD VOR/DME 020-110 8100, 110-200 4800, 200-290 8200, 290-020 6600



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR LOC ONLY.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.
 CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RBL VORTAC ON V195 SOUTHEAST BOUND.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 35 ALL CATS VISIBILITY TO 1 SM.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 35.
 CHART PROFILE NOTE: USE I-RDD DME WHEN ON THE LOCALIZER COURSE.

ADDITIONAL FLIGHT DATA:

CHART RBL VORTAC 30.98 DME AT ITMOR
 CHART FAS OBST: 580 TREE (06-129385) 402925.34N/1221735.36W
 HOLD S, LT, 357.00 INBOUND.
 CHART VDP AT 2.24 DME.
 DISTANCE VDP TO THLD 0.92 NM.

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.; LOC: STANDARD - CAT D 900-2 3/4, CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
	<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>
S-ILS 35	749	3/4	250	749	3/4	250	749	3/4	250	749	3/4	250	749	3/4	250
S-LOC 35	840	3/4	341	840	3/4	341	840	3/4	341	840	3/4	341	840	3/4	341
CIRCLING	960	1	455	1000	1	495	1120	1 3/4	615	1340	2 3/4	835	1340	3	835



CHANGES - REASONS

1. AIRPORT NAME CHANGED FROM AIRPORT NAME "REDDING MUNI" TO AIRPORT ID "RDD" - NEW FORM FIELDS.
2. PROCEDURE NAME CHANGED FROM "ILS OR LOC RWY 34" TO "ILS OR LOC RWY 35" - RUNWAYS RENUMBERED AFTER MAGVAR CHANGE.
3. CHANGED ALL REFERENCES TO FAF LASSN FROM "LASSN/I-RDD 8.09 DME" TO "LASSN/8.09 DME" IAW 8260.19K PARA 8-2-6C(1).
4. CHANGED ALL REFERENCES TO STEPDOWN FIX CUYAP FROM CUYAP/I-RDD 3.57 DME" TO "CUYAP/3.57 DME" IAW 8260.19K PARA 8-2-6C(1).
5. MISSED APPROACH. CHANGED LOC MAP FROM "I-RDD 1.31 DME" TO "I-RDD 1.32 DME" - NEW EVALUATION/ROUNDING.
6. MISSED APPROACH INSTRUCTIONS. CHANGED FROM "CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 090..." TO "CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 110" - ADJUSTED TO UTILIZE AJV-A BEST PRACTICES CONSTRUCTION WITH FPT/ATC CONCURRENCE.
7. PROFILE LINE 4: REMOVED ASTERISK FROM CUYAP AT 1260 - IAW 8260.19K.
8. PROFILE LINE 5: CHANGED FROM "DIST TO THLD FROM OM: 6.65" TO "DIST TO THLD FROM FAF: 6.78", AND MM DISTANCE REMOVED- NEW EVALUATION AND OM/MM DECOMMISSIONED PER AIRNAV.
9. PROFILE LINE 6: MM VALUE REMOVED - MM DECOMMISSIONED PER AIRNAV.
10. PROFILE LINE 8: MSA CHANGED FROM "RDD VOR/DME 020-110 7900, 110-200 4600, 200-290 8100, 290-020 6700" TO "RDD VOR/DME 020-110 8100, 110-200 4800, 200-290 8200, 290-020 6600" - NEW EVALUATION/CONTROLLING OBSTACLES.
11. NOTES. CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS, INCREASE S-ILS 34 CAT E VISIBILITY TO 3/4 SM AND S-LOC 34 CAT C/D/E VISIBILITY TO 1 SM." TO "FOR INOPERATIVE ALS, INCREASE S-LOC 35 ALL CATS VISIBILITY TO 1 SM." - UPDATED PER 8260.3G TABLE 3-3-1/INOPERATIVE COMPONENTS TABLE.
12. NOTES. ADDED CHART NOTE: "INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 35." - UPDATED MINS PER 8260.3G TABLE 3-3-1.
13. NOTES. ADDED CHART NOTES: "CIRCLING RWY 13 NA AT NIGHT" AND "RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - NEW EVALUATION/34:1 PENETRATIONS, INCORPORATES AND CANCELS NOTAMS 5/4101 AND 5/4578.
14. NOTES. ADDED PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVALS AT RBL VORTAC ON V195 SOUTHEAST BOUND" - ANGLE OF INTERSECTION IS GREATER THAN 120 DEGREES PER 8260.3G.
15. ADDITIONAL FLIGHT DATA. REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED BY CRITERIA.
16. ADDITIONAL FLIGHT DATA. CHANGED FAS OBST FROM "575 TREE 402925N/1221735W" TO "580 TREE (06-129385) 402925.34N/1221735.36W" - NEW LOC CONTROLLING OBSTACLE.
17. ADDITIONAL FLIGHT DATA. ADDED "CHART VDP AT 2.24 DME." AND "DISTANCE VDP TO THLD 0.92 NM." - NEW EVALUATION/VDP ESTABLISHED.
18. MINIMUMS. S-ILS 35 HAT/DA AND VISIBILITY CHANGED FROM 200/699 AND 1/2 SM TO 250/749 AND 3/4 SM; S-LOC 35 VISIBILITY CHANGED FROM 1/2 SM TO 3/4 SM - NEW EVALUATION/VISUAL AREA PENETRATIONS, INCORPORATES & CANCELS NOTAM 5/3919.
19. MINIMUMS. CIRCLING CAT A MDA/HAA CHANGED FROM 940/435 TO 960/455 - NEW EVALUATION/CONTROLLING OBSTACLE.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZOA, RDD ATCT, AMGR.

FLIGHT CHECKED BY

TROY E DEVINE

Digitally signed by
ALLAN WILL
 Jan 27, 2026

OFFICE

AJF

DATE

01/23/2026

DEVELOPED BY

LIAM DONAHUE (TAYLOR KENNEY)

Digitally signed by
ALLAN WILL
 Jan 27, 2026
Digitally signed by

OFFICE

AJV-A33

DATE

09/08/2025

APPROVED BY

ALLAN WILL

Digitally signed by
ALLAN WILL
 Jan 27, 2026

OFFICE

AJV-A33

DATE

TITLE
 MANAGER



AIRPORT ID
RDD

PROCEDURE NAME
ILS OR LOC RWY 35

AMDT NO.
13

CITY
REDDING

STATE
CA

AIRPORT ELEVATION
505

FACILITY
I-RDD

FEEDER

FROM
RDD VOR/DME

TO
LASSN/8.09 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
6.98

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	402639.00N/1222506.00W	991	215	8	4B	2000					3000
TERRAIN	402639.00N/1222506.00W	790 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
RBL VORTAC

TO
DIBLE INT/I-RDD 18.00 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
7.91

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401227.00N/1222200.00W	896	215	8	4B	1000				AT1104	3000
TERRAIN	401227.00N/1222200.00W	695 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
RDD

PROCEDURE NAME
ILS OR LOC RWY 35

AMDT NO.
13

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FACILITY
I-RDD

PROCEDURE TURN

FROM
LASSN/8.09 DME

TO
15 NM

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401118.00N/1223127.00W	1296	215	8	4B	1000				AT704	3000
TERRAIN	401118.00N/1223127.00W	1095 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM
DA

TO
ITMOR/RDD VOR/DME 11.95 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
557

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
AAO	404315.00N/1221603.00W	2438	215	8	4B	1000					3500
TERRAIN	404315.00N/1221603.00W	2237 (2200)								AS1500	3700

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
RDD

PROCEDURE NAME
ILS OR LOC RWY 35

AMDT NO.
13

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REDDING

STATE
CA

AIRPORT ELEVATION
505

FACILITY
I-RDD

MISSED APPROACH: LOC

FROM
I-RDD 1.32 DME

TO
ITMOR/RDD VOR/DME 11.95 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
590

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
AAO	404315.00N/1221603.00W	2438	215	8	4B	1000					3500
TERRAIN	404315.00N/1221603.00W	2237 (2200)								AS1500	3700

COMPUTATIONS

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

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	403218.00N/1221703.00W	1.30	455	648	215	8	4B	300			960
CATEGORY B											
TREE	403224.00N/1221557.00W	1.82	495	688	215	8	4B	300			1000
CATEGORY C											
TOWER (06-000011)	403331.00N/1221952.00W	2.86	615	762	500	50	5D	300		AC50	1120
CATEGORY D											
TOWER (06-000016)	403236.00N/1222120.00W	3.74	835	981	500	50	5D	300		AC50	1340
CATEGORY E											
TOWER (06-000016)	403236.00N/1222120.00W	4.68	835	981	500	50	5D	300		AC50	1340

CIRCLING REMARKS:



AIRPORT ID
RDD

PROCEDURE NAME
ILS OR LOC RWY 35

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FACILITY
I-RDD

MSA

CENTER **RADIUS**
RDD VOR/DME 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
020-110	AAO	404548.00N/1214751.00W	037	27.4	7015	215	8	4B	1000			8100
110-200	AAO	401521.00N/1214645.00W	104	27.8	3724	215	8	4B	1000			4800
200-290	AAO	403318.00N/1224603.00W	260	22.0	7156	215	8	4B	1000			8200
290-020	AAO	405400.00N/1223600.00W	311	27.6	5535	215	8	4B	1000			6600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZOA ARTCC, RDD TOWER

WX SERVICE ASOS	LOCATION RDD	HRS OPERATION 24	ALTIMETER SOURCE RDD	DISTANCE	WMSCR Y	ADJUSTMENTS 0
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BACK-UP WX SERVICE ASOS	LOCATION RBL	HRS OPERATION 24	ALTIMETER SOURCE RBL	DISTANCE 21.48	WMSCR Y	ADJUSTMENTS 71
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WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KRDD 505, KRBL 352
RA = 70.8

PRIMARY NAVAID I-RDD	MONITOR POINT RDD ATCT	HRS OPERATION 24	CAT 1
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW13 - MIRL (PCL)	BSC-P	
RW31 - MIRL (PCL), PAPI-2L	BSC-P	
RW17 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)	PIR-P	
RW35 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-P	

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 490.7	TCH 51.7	ELEV GS ANTENNA 491.6	DISTANCE FROM RWY 999	VGSI ANGLE 3.00	TCH 55.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	



CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 13		
20:1			
599 TREE (06-130322) 403101.0200N/1221803.6800W (4.37)	602 TREE (06-309712) 403056.3800N/1221812.6800W (3.08)		
571 TREE (06-310012) 403057.2800N/1221759.7600W (0.6)			
FINAL TYPE	ILS AND LOC		
34:1			
520 BUILDING (06-226522) 402953.5200N/1221743.7000W (3.97)			
<u>PENETRATIONS REMARKS:</u>			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

VEGETATION HEIGHT PER FPT: 100 FT.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ALTERNATE MISSED APPROACH NOT DEVELOPED DUE TO LACK OF SUITABLE NAVAIDS AND OBSTACLE CLEARANCE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RBL ALTIMETER SETTING AND INCREASE S-ILS 35 DA TO 820 FEET; INCREASE ALL MDAS 80 FEET AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

VDP NA WHEN USING RBL ALTIMETER SETTING.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID
RDD

PROCEDURE NAME
ILS OR LOC RWY 35

AMDT NO.
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I-RDD

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	3.64
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.01
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	000.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	5.78
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.47
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	000.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD COORDINATES (IF STR-IN)	403004.01N/1221741.59W
ARP COORDINATES	403032.35N/1221736.19W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17 DISTANCE 0.68 NM
FAF COORDINATES	402317.22N/1221742.27W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LIAM DONAHUE (TAYLOR KENNEY)	AJV-A33	09/08/2025	AERONAUTICAL INFORMATION SPECIALIST

