

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25**

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 LOC BC RWY 17	ORIGINAL/AMENDMENT 9	CITY REDDING	STATE CA
AIRPORT ELEVATION 505	TDZE 505	SUPERSEDED LOC BC RWY 16	DATED 01/30/2020	MAG VAR 14E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
FOLDS/RDD 17.00 DME CW	IAF	ASAYE/RDD R-327/17.00 DME					17.00 DME ARC		7600
ASAYE/RDD 17.00 DME CW		WYSKI/I-RDD 15.89 DME					17.00 DME ARC (LR-334)		5900
GARSA INT/RDD 17.00 DME CCW	IAF	WYSKI/I-RDD 15.89 DME					17.00 DME ARC (LR-349)		5900
WYSKI/I-RDD 15.89 DME	IF	MILAR/I-RDD 10.96 DME					166.07 (I-RDD)	4.93	4400
MILAR/I-RDD 10.96 DME		ENTAR/I-RDD 6.54 DME					166.07 (I-RDD)	4.42	3000

MISSED APPROACH

MAP:

HHHOT/I-RDD 0.59 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 015 AND RDD VOR/DME R-044 TO ITMOR INT/RDD 11.95 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3000 DIRECT RDD VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WYSKI/I-RDD 15.89 DME
- FAC:** 166.07 **FAF:** ENTAR/I-RDD 6.54 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 6.70
- MIN ALT:** WYSKI/I-RDD 15.89 DME 5900, MILAR/I-RDD 10.96 DME 4400, ENTAR/I-RDD 6.54 DME 3000, CINDU/I-RDD 2.50 DME 1500
- MSA FROM:** RDD VOR/DME 020-110 8100, 110-200 4800, 200-290 8200, 290-020 6600



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: USE I-RDD DME WHEN ON THE LOCALIZER COURSE.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 13, NA AT NIGHT.
CHART PROFILE NOTE: LOCALIZER BACK COURSE UNUSABLE INSIDE 2.0 DME ABOVE 2000.

ADDITIONAL FLIGHT DATA:

CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S RDD VOR/DME, LT, 355 INBOUND.
HOLD S, LT, 357.00 INBOUND.
CHART FAS OBST: 695 TREE (06-309655) 403342N/1221735W.
CHART RDD R-307 AT FOLDS.
CHART RDD R-327 AT ASAYE.
CHART RDD R-028 AT GARSA.
ENTAR TO RW17: 3.43/55.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, NA WHEN CONTROL TOWER CLOSED., 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-17	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

1. CHANGED PROCEDURE NAME FROM LOC BC RWY 16 TO LOC BC RWY 17 - UPDATED RWY NUMBERS AT AIRPORT.
2. CHANGED MSA SECTOR 020-110 ALTITUDE FROM 7900 TO 8100 - CURRENT CONTROLLING TERRAIN DATA.
3. CHANGED MSA SECTOR 110-200 ALTITUDE FROM 4600 TO 4800 - CURRENT CONTROLLING TERRAIN DATA.
4. CHANGED MSA SECTOR 200-290 ALTITUDE FROM 8100 TO 8200 - CURRENT CONTROLLING TERRAIN DATA.
5. CHANGED MSA SECTOR 290-020 ALTITUDE FROM 6700 TO 6600 - CURRENT CONTROLLING TERRAIN DATA.
6. REMOVED CHART VDP NOTE - VDP IS LOCATED WITHIN .5NM FROM FINAL FIX.
7. REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
8. ADDED CHART NOTE "CIRCLING RWY 13, NA AT NIGHT" - MULTIPLE UNLIT 20:1 PENETRATIONS FOR RWY 13.
9. CHANGED "RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - UPDATED PROCEDURE TO RWY 17.
10. REMOVED FAS OBST: 692 TREE 403342N/12221735W AND CHART: 646 TRANSMISSION_LINE 403349N/1221824W - NEW FAS OBST: 695 TREE 403342N/1221735W.
11. RAISED ALTITUDE AT WYSKI FROM 5800 TO 5900 - NEW PRECIPITOUS TERRAIN EVALUATION.
12. RAISED ALTITUDE AT GARSA FROM 5800 TO 5900 - NEW PRECIPITOUS TERRAIN EVALUATION.



AIRPORT ID
RDD

PROCEDURE NAME
LOC BC RWY 17

ORIGINAL/AMENDMENT
9

CITY
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STATE
CA

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: RDD ATCT, ZOA

FLIGHT CHECKED BY

WENDI S GIMA

Digitally signed by

ALLAN WILL

Jan 27, 2026

OFFICE

AJF

DATE

01/13/2026

DEVELOPED BY

ALLAN WILL (BRANDON BURCHELL)

Digitally signed by

ALLAN WILL

Jan 27, 2026

OFFICE

AJV-A33

DATE

08/29/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL

Jan 27, 2026

OFFICE

AJV-A33

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u> RDD	<u>PROCEDURE NAME</u> LOC BC RWY 17	<u>AMDT NO.</u> 9	<u>CITY</u> REDDING	<u>STATE</u> CA	<u>AIRPORT ELEVATION</u> 505	<u>FACILITY</u> I-RDD
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL: ARC

FROM FOLDS/RDD 17.00 DME CW	TO ASAYE/RDD R-327/17.00 DME
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RNP DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404515.00N/1223154.00W	4692	215	8	4B	1000				PR380 AT1429	7600
TERRAIN	404706.00N/1222827.00W	4442 (4400)								AS1500	5900

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: ARC STEPDOWN

FROM ASAYE/RDD 17.00 DME CW	TO WYSKI/I-RDD 15.89 DME
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RNP DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404933.00N/1221321.00W	4367	215	8	4B	1000				PR310 AT124	5900
TERRAIN	404933.00N/1221321.00W	4166 (4200)								AS1500	5700

COMPUTATIONS

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

SEGMENT REMARKS:



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INITIAL: ARC

FROM
GARSA INT/RDD 17.00 DME CCW

TO
WYSKI/I-RDD 15.89 DME

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404924.00N/1221239.00W	4505	215	8	4B	1000				PR300	5900
TERRAIN	404924.00N/1221239.00W	4304 (4300)								AS1500	5800

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
WYSKI/I-RDD 15.89 DME

TO
MILAR/I-RDD 10.96 DME

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404745.00N/1221503.00W	3652	215	8	4B	500				PR220	4400
TERRAIN	404357.00N/1221524.00W	2631 (2600)								AS1500	4100

COMPUTATIONS

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

SEGMENT REMARKS:



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INTERMEDIATE: STEPDOWN

FROM
MILAR/I-RDD 10.96 DME

TO
ENTAR/I-RDD 6.54 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
4.42

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404248.00N/1221718.00W	1884	215	8	4B	500				DG616	3000
TERRAIN	404142.00N/1222003.00W	1414 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL

FROM
ENTAR/I-RDD 6.54 DME

TO
CINDU/I-RDD 2.50 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
4.04

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (06-002143)	403724.48N/1221652.92W	1078	500	50	5D	250				AC50 DG51 RA71	1500

COMPUTATIONS

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

SEGMENT REMARKS:



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MISSED APPROACH ALTERNATE

FROM
HHHOT/I-RDD 0.59 DME

TO
RDD VOR/DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
710

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TREE (06-309762)	403144.06N/1221806.32W	629	20	3	1A	1000					1700
TERRAIN	403027.00N/1221633.00W	518 (500)								AS1500	2000

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

CIRCLING REMARKS:



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/1224645.00W	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:

100' USED FOR TREE HEIGHT, PER FPT.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZOA ARTCC, RDD TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	RDD	24	RDD		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	RBL	24	RBL	21.48	Y	71

WX REMARKS:

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

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-RDD	RDD ATCT	ATCT OPEN ATCT CLOSED	1 3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW13 - MIRL (PCL)	BSC-P	
RW31 - MIRL (PCL), PAPI-2L	BSC-P	
RW17 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-P	
RW35 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-P	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
			491.6	999	3.43	40.0

FINAL APPROACH COURSE AIMING



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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
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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	LOC BC		
34:1			
594 TREE (06-129705) 403141.5600N/1221747.7600W (10.71)		585 TREE (06-309584) 403140.8000N/1221749.0100W (3.98)	

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - VDP IS LOCATED WITHIN 0.5 NM FROM FINAL FIX.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RBL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND VISIBILITY CATS C AND D 1/4 SM.

ORDER 8260.3 CHAPTER 2 APPLIED TO 709 TREE 403412.81N/1221753.25W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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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	2.37
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.73
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	5.10
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.32
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180.07
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD COORDINATES (IF STR-IN)	403113.21N/1221741.48W
ARP COORDINATES	403032.35N/1221736.19W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17 DISTANCE 0.68 NM
FAF COORDINATES	403755.47N/1221740.80W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ALLAN WILL (BRANDON BURCHELL)	AJV-A33	08/29/2025	AERONAUTICAL INFORMATION SPECIALIST

