

**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.

<u>AIRPORT</u> COLD BAY	<u>AIRPORT ID</u> PACD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 15	<u>ORIGINAL/AMENDMENT</u> 19	<u>CITY</u> COLD BAY	<u>STATE</u> AK	
<u>AIRPORT ELEVATION</u> 100	<u>TDZE</u> 75	<u>SUPERSEDED</u> ILS OR LOC/DME RWY 15	<u>ORIGINAL/AMENDMENT</u> 18A	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-CDB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> 09/10/2020	<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>
CDB VORTAC		DEADS/CDB VORTAC 10.00 DME					329.21	10.00	2700
ELF NDB		DEADS/CDB VORTAC 10.00 DME					328.31	8.19	5900
KOTIZ/CDB VORTAC 10.00 DME CCW	IAF	DEADS/CDB VORTAC 10.00 DME	NOPT				10.00 DME ARC (CDB LR-341)		2700
WETSI/CDB VORTAC 10.00 DME CCW	IAF	DEADS/CDB VORTAC 10.00 DME	NOPT				10.00 DME ARC (CDB LR-341)		2700
UNETE/CDB 10.00 DME CW	IAF	DEADS/CDB VORTAC 10.00 DME	NOPT				10.00 DME ARC (CDB LR-317)		2700
DEADS/CDB VORTAC 10.01 DME	IF/IAF	JEGNO/CDB VORTAC 2.12 DME					146.35	7.89 (I-CDB)	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: CDB VORTAC 2.97 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2700 DIRECT CDB VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2200 DIRECT ELF NDB AND HOLD (ADF REQUIRED), CONTINUE CLIMB-IN-HOLD TO 2200

QUALITY
42
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD NW DEADS, LT, 146.35 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 146.35 FAF: JEGNO/CDB VORTAC 2.12 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.08

4. MIN ALT: DEADS/CDB VORTAC 10.00 DME 2700, JEGNO/CDB VORTAC 2.12 DME 1800, COTRA/CDB VORTAC 0.99 DME 760*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1002

6. MIN GS INCPT: 1800 GS ALT AT FAF : JEGNO/CDB VORTAC 2.12 DME 1800 OM: MM: IM:

7. GP ANGLE: 3.10 34:1: 20:1: TCH: 55.3

8. MSA FROM: CDB VORTAC 360-090 6200, 090-270 7100, 270-360 3000

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA FOR CATS B/C/D SW OF RWY 15-33.

CHART NOTE: DME FROM CDB VORTAC. SIMULTANEOUS RECEPTION OF I-CDB AND CDB DME REQUIRED.

CHART NOTE: DME VALUES WILL DECREASE THEN INCREASE PRIOR TO REACHING MISSED APPROACH POINT.

CHART NOTE: CIRCLING NA FOR CAT A SW OF RWY 15-33 AT NIGHT.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 15 CATS C AND D VISIBILITY TO RVR 5500.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CDB VORTAC ON V603 SOUTHWEST BOUND AND AT ELF NDB ON G10 SOUTHEAST BOUND.

CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART ELF BRG 063 AT UNETE.

CHART IN PROFILE: CDB VORTAC

CHART ELF BRG 258 AT KOTIZ.

HOLD NW, LT, 149.24 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW EL NDB, LT, 148.35 INBOUND.

CHART FAS OBST: 189 ANTENNA 551502N/1624548W.

CHART VDP AT 2.03 DME*

DISTANCE VDP TO THLD 0.95 NM.

*LOC ONLY.

CHART IN PLANVIEW: ELF NDB.

CHART CDB R-068 AT KOTIZ.

CHART CDB R-031 AT WETSI.

CHART CDB R-254 AT UNETE.

CHART CIRCLING ICON.



MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2

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-ILS 15**	275	2400	200	275	2400	200	275	2400	200	275	2400	200			
S-LOC 15	440	2400	365	440	2400	365	440	3500	365	440	3500	365			
CIRCLING	540	1	440	560	1	460	560	1 1/2	460	860	2 1/2	760			

CHANGES - REASONS

1. CHANGED FEEDER ROUTE CDB VORTAC TO DEADS COURSE FROM 325.24 TO 329.21 - CDB VORTAC MAGVAR UPDATE AND NEW EVALUATION.
2. CHANGED FEEDER ROUTE ELF NDB TO DEADS COURSE/DISTANCE FROM 324.28/8.21 TO 328.31/8.19 - ELF NDB MAGVAR UPDATE AND NEW EVALUATION.
3. UPDATED KOTIZ TO DEADS AND WETSI TO DEADS LEAD RADIAL FROM CDB LR-337 TO CDB LR-341 - MAGVAR UPDATE.
4. UPDATED UNETE TO DEADS LEAD RADIAL FROM CDB LR-313 TO CDB LR-317 - MAGVAR UPDATE.
5. UPDATED LOC MAP FROM CDB VORTAC 2.98 DME FIX TO CDB VORTAC 2.97 DME - UPDATED SURVEY DATA.
6. CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2700 DIRECT CDB VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700 TO CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2700 DIRECT CDB VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700 - HIGH TERRAIN SOUTHWEST OF AIRPORT.
7. ADDED CLIMB-IN-HOLD TO ALTERNATE MISSED APPROACH - IAW 8260.3 SECTION 17-7.
8. ADDED MAX ALTITUDE 6000 TO DEADS HOLD-IN-LIEU ON LINE 2 - IAW 8260.19 PARA 8-6-7 B(2).
9. FAF DISTANCE CHANGED FROM JEGNO/CDB VORTAC 2.11 DME TO JEGNO/CDB VORTAC 2.12 DME - UPDATED SURVEY FOR CDB VORTAC.
10. UPDATED GS ANT FROM 1009 TO 1002 - UPDATED SURVEY.
11. ADDED EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED - IAW 8260.19 PARA 8-6-8.4
12. UPDATED CDB HOLDING PATTERN FROM 145.24 INBOUND TO 149.24 INBOUND - CDB VORTAC MAGVAR UPDATE.
13. UPDATED ELF NDB HOLDING PATTERN FROM 144.35 INBOUND TO 148.35 INBOUND - ELF NDB MAGVAR UPDATE.
14. FAS OBSTACLE CHANGED FROM 195 TOWER 551502N/1624548W TO 189 ANTENNA 551502N/1624548W - NEW STEP-DOWN CONTROLLING OBSTACLE.
15. ADDED CHART VDP AT 2.03 DME AND DISTANCE VDP TO THLD 0.95 - IAW 8260.3 PARA 2-6-5 ALLOWS NON-COLLOCATED DME FACILITIES TO BE USED TO DEFINE VDP LOCATION.
16. UPDATED CHART: CDB R-064 AT KOTIZ, CDB R-027 AT WETSI, CDB R-250 AT UNETE TO CHART: CDB R-068 AT KOTIZ, CDB R-031 AT WETSI, CDB R-254 AT UNETE - CDB MAGVAR UPDATE.
17. UPDATED CHART: ELFEE BRG 239 AT UNETE, ELFEE BRG 074 AT KOTIZ TO CHART: ELF BRG 063 AT UNETE, ELF BRG 258 AT KOTIZ - MAGVAR UPDATE.
18. LOWERED S-LOC 15 MDA/HAT ALL CATS FROM 500/425 TO 440/365, VISIBILITY CAT C AND D FROM RVR 4000 TO RVR 3500 - NEW CONTROLLING OBSTACLES/UPDATED SURVEY.
19. UPDATED CIRCLING HAA FOR CAT A FROM 438 TO 440, CAT B/C FROM 458 TO 460, CAT D FROM 558 TO 780. CAT D MDA CHANGED FROM 660 TO 860 AND VISIBILITY FROM 2 TO 2 1/2 - AIRPORT ELEVATION CHANGED FROM 102 TO 100, NEW CONTROLLING OBSTACLES.
18. CHANGED CIRCLING MDA/HAA; CAT D FROM 660/560 TO 860/760. - NEW CIRCLING CRITERIA EVALUATED.
19. ADDED FLIGHT DATA NOTE: "CHART CIRCLING ICON". - NEW CIRCLING CRITERIA APPLIED.
20. CHANGED ALTERNATE MINIMUMS FROM "ILS: STANDARD; LOC: STANDARD" TO "ILS: STANDARD; LOC: STANDARD - CAT D 800 2-1/2" - CIRCLING CAT D MINIMUMS EXCEED STANDARD NPA ALTERNATE MINIMUMS PER 8260.3D, PARA 3-4-1 AND TABLE 3-4-1.
21. CHANGED CHART NOTE FROM CIRCLING NA FOR CAT C AND D SOUTHWEST OF RWY 15-33 TO CIRCLING NA FOR CATS B/C/D SW OF RWY 15-33 - CIRCLING RESTRICTED DUE TO RAPIDLY RISING TERRAIN TO THE SOUTHWEST.
22. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CDB VORTAC ON V603 SOUTHWEST BOUND AND AT ELF NDB ON G10 SOUTHEAST BOUND - IAW 8260.19 PARA 8-2-5 G (2).

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAN, CDB FSS, WST FPT, AMGR, AK AERO, ATA

FLIGHT CHECKED BY

PENDING

Digitally signed by
DONALD H LANIER

OFFICE

FICO

DATE

DEVELOPED BY

DONALD H. LANIER (MATTHEW FULKS)

Aug 04, 2020
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AJV-A431

DATE

05/18/2020

APPROVED BY

GEORGE DAVIS

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TITLE
MANAGER