

**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.

<u>AIRPORT</u> COLD BAY	<u>AIRPORT ID</u> PACD	<u>PROCEDURE NAME</u> LOC BC RWY 33	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> COLD BAY	<u>STATE</u> AK	
<u>AIRPORT ELEVATION</u> 100	<u>TDZE</u> 93	<u>SUPERSEDED</u> LOC BC RWY 33	<u>ORIGINAL/AMENDMENT</u> 10C	<u>DATED</u> 10/12/2017	<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> CONCURRENT WITH PACD ILS OR LOC RWY 15 AMDT 19	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CDB VORTAC		KOPEC/CDB VORTAC 24.99 DME					147.96	24.99	7200
ELF NDB		KOPEC/CDB VORTAC 24.99 DME					148.30	26.79	7500
UCLON/CDB VORTAC 24.99 DME CW	IAF	TECON/CDB VORTAC 24.99 DME	NOPT				24.99 DME ARC		10000
TECON/CDB VORTAC 24.99 DME CW		KOPEC/CDB VORTAC 24.99 DME					24.99 DME ARC (CDB LR-143)		4600
KOPEC/CDB VORTAC 24.99 DME	IF/IAF	ODOWO/CDB VORTAC 11.40 DME					326.36	13.59 (I-CDB)	2300

MISSED APPROACH

MAP:

RIDOY/CDB 6.20 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT CDB VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 4000 DIRECT ELF NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000, (ADF REQUIRED).

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SE KOPEC, RT, 326.36 INBOUND, 4600 FT. IN LIEU OF PT (IAF), MAX 8000.
3. **FAC:** 326.36 **FAF:** ODOWO/CDB VORTAC 11.40 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 6.76
4. **MIN ALT:** KOPEC/CDB VORTAC 24.99 DME 4600, ODOWO/CDB VORTAC 11.40 DME 2300, PABGE/CDB 7.64 DME 1100
8. **MSA FROM:** CDB VORTAC 360-090 6200, 090-270 7100, 270-360 3000

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

QUALITY
42
CHECKED

NOTES:

CHART NOTE: CIRCLING NA FOR CAT A SW OF RWY 15-33 AT NIGHT.
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: DME FROM CDB VORTAC. SIMULTANEOUS RECEPTION OF I-CDB AND CDB DME REQUIRED.
CHART PROFILE NOTE: LOCALIZER UNUSABLE INSIDE CDB VORTAC 6.20 NM.
CHART NOTE: CIRCLING NA FOR CATS B/C/D SW OF RWY 15-33.

ADDITIONAL FLIGHT DATA:

CHART ELF BRG-258 AT UCLON
HOLD NW, LT, 149.24 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW EL NDB, LT, 148.35 INBOUND.
CHART FAS OBST: 195 TRAVERSE_WAY 550955N/1624233W.
500 AAO 550819N/1624155W.
CHART IN PLANVIEW: ELF NDB.
CHART CDB R-074 AT UCLON.
CHART CDB R-118 AT TECON.
CHART CIRCLING ICON.
ODOWO TO RW33: 3.00/55.

MINIMUMS:

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

ALTERNATE: NA ☐ 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-33	420	1 7/8	327	420	1 7/8	327	420	1 7/8	327	420	1 7/8	327			
CIRCLING	540	1 7/8	440	560	1 7/8	460	560	1 7/8	460	860	2 1/2	760			

CHANGES - REASONS

1. CHANGED FEEDER ROUTE CDB VORTAC TO KOPEC COURSE/DISTANCE FROM 143.99/25.00 TO 147.96/24.99. - CDB VORTAC MAGVAR UPDATE AND NEW EVALUATION.
2. CHANGED FEEDER ROUTE ELF NDB TO KOPEC COURSE/DISTANCE FROM 144.35/26.79 TO 148.30/26.79 - ELF NDB MAGVAR UPDATE AND NEW EVALUATION.
3. RE-ALIGNED FIXES UCLON, TECON, AND KOPEC FROM CDB VORTAC 25.00 DME ARC TO THE 24.99 DME ARC - CDB VORTAC MOVED SLIGHTLY, REQUIRING RE-ALIGNMENT OF FIXES ON DME ARC.
4. UPDATED ALL CDB RADIALS AND ELF BEARINGS IN ADDITIONAL FLIGHT DATA; CHANGED MISSED APPROACH INBOUND HOLDING COURSE AT CDB VORTAC FROM 145.24 TO 149.24; CHANGED ALTERNATE MISSED APPROACH HOLDING COURSE AT ELF NDB FROM 144.35 TO 148.35; CHANGED HOLD IN LIEU INBOUND COURSE FROM 324.21 TO 326.36; CHANGED LEAD RADIAL FOR SEGMENT FROM TECON TO KOPEC FROM LR-138 TO LR-143 - CDB VORTAC AND ELF NDB MAGVAR CHANGE FROM 14E/2015 TO 10E/2020.
5. CHANGED FAS OBSTACLE FROM 235 TREE 550912N/1624130W TO 195 TRAVERSE WAY 550955N/1624233W; CHANGED FINAL SEGMENT 7:1 OBSTACLE FROM 483 AAO 550821N/1624148W TO 500 AAO 550819N/1624155W - NEW FINAL CONTROLLING OBSTACLE; UPDATED FINAL SEGMENT MAP STUDY
6. CHANGED CHART NOTE FROM "CIRCLING NA FOR CAT C AND D SW OF RWY 15-33" TO "CIRCLING NA FOR CATS B/C/D SW OF RWY 15-33"; CHANGED NOTE FROM "CIRCLING NA FOR CAT A AND B SOUTHWEST OF RWY 15-33 AT NIGHT" TO "CIRCLING NA FOR CAT A SW OF RWY 15-33 AT NIGHT" - CIRCLING RESTRICTED DUE TO UNLIT RAPIDLY RISING TERRAIN TO THE SOUTHWEST.
7. CHANGED ALTERNATE MINIMUMS FROM "STANDARD" TO "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.
8. CHANGED S-33 MINIMUMS FROM 540 MDA/446 HAT, VIS 1 3/4 ALL CATS TO 420 MDA/327 HAT, VIS 1 7/8 SM ALL CATS - EVALUATION IDENTIFIED NEW FINAL STEP-DOWN SEGMENT CONTROLLING OBSTACLE; VISIBILITIES UPDATED IAW 8260.3D, SECTION 3-3 AND TABLES 3-3-1, 3-3-3, AND 3-3-4.
9. CHANGED CAT A CIRCLING MINIMUMS FROM HAA 438 TO 440, CATS B AND C FROM HAA 458 TO 460, CAT D MDA/HAA FROM 660/558 TO 860/760 AND VISIBILITY FROM 2 TO 2 1/2 AND ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA, NEW CONTROLLING OBSTACLES, AND UPDATED AIRPORT SURVEY.
10. ADDED HOLD-IN-LIEU UPPER LIMIT OF 8000 - IAW 8260.19H, PARA 8-6-8 B(2).



AIRPORT
COLD BAY

AIRPORT ID
PACD

PROCEDURE NAME
LOC BC RWY 33

ORIGINAL/AMENDMENT
11

CITY
COLD BAY

STATE
AK

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

Aug 04, 2020

OFFICE

FICO

DATE

DEVELOPED BY

DONALD H. LANIER (MATTHEW FULKS)

Digitally signed by

DONALD H LANIER

Aug 04, 2020

OFFICE

AJV-A431

DATE

05/21/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Aug 04, 2020

OFFICE

AJV-A430

DATE

TITLE

MANAGER

QUALITY
42
CHECKED