

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TACAN 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 ID</u> PDX	<u>PROCEDURE NAME</u> TACAN RWY 28L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PORTLAND	<u>STATE</u> OR
<u>AIRPORT ELEVATION</u> 31	<u>TDZE</u> 23	<u>SUPERSEDED</u> TACAN RWY 28L	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 10/08/2020
<u>FACILITY</u> CBU TACAN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> 01/25/2024	<u>MAG VAR</u> 15E
				<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ROVTE/13.74 DME/RADAR	IF	ARLEH/CBU 7.74 DME/RADAR					279.63	6.00 (CBU R-100)	2100

MISSED APPROACH

MAP:
ZAPLO/CBU 1.25 DME

MISSED APPROACH INSTRUCTIONS:
CLIMBING LEFT TURN TO 4000 ON CBU TACAN R-260 TO BEAST INT/CBU 10.01 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. PROFILE STARTS AT ROVTE/13.74 DME/RADAR
3. FAC: 279.63FAF: ARLEH/CBU 7.74 DME/RADARDIST FAF TO MAP:DIST FAF TO THLD: 6.49
4. MIN ALT: ROVTE/13.74 DME/RADAR 3000, ARLEH/CBU 7.74 DME/RADAR 2100, HAXOB/CBU 3.44 DME/RADAR 800
8. MSA FROM: CBU TACAN 155-325 3600, 325-155 5700

EQUIPMENT REQUIREMENTS NOTES:
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-28L CAT C/D/E VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:
ARLEH TO RW28L: 3.09/60
HOLD W, LT, 080.38 INBOUND.
CHART FAS OBST: 409 TREE 453241N/1223231W.
FAC CROSSES RWY C/L EXTENDED 3006 FT FROM THLD.
CHART CIRCLING ICON.



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

ALTERNATE: NA ☐ STANDARD - CAT C, D 1100-3, CAT E 1200-3

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-28L	660	2400	637	660	2400	637	660	1 3/8	637	660	1 3/8	637	660	1 3/8	637
CIRCLING	740	1	709	760	1	729	1060	3	1029	1060	3	1029	1140	3	1109

CHANGES - REASONS

- TERMINAL ROUTES: DISTANCE FROM CBU TACAN TO FIX ROVTE CHANGED FROM 13.00 TO 13.74 - FIX ROVTE MOVED, INTERMEDIATE NOW 6.0NM LONG.
- TERMINAL ROUTES: DISTANCE FROM CBU TACAN TO FIX ARLEH CHANGED FROM 7.00 TO 7.74 - FIX ARLEH MOVED, CAT E VDA CRITERIA MET.
- TERMINAL ROUTES: COURSE CHANGED FROM 274.63 TO 279.63 - CBU TACAN MAGVAR CHANGED.
- TERMINAL ROUTES: DISTANCE:RADIAL FROM CBU CHANGED FROM R-095 TO R-100 - CBU TACAN MAGVAR CHANGED.
- MISSED APPROACH INSTRUCTIONS: INTERCEPT RADIAL CHANGED FROM R-255 TO R-260 TO BEAST INT/CBU - MATCH CURRENT 8260-2, CBU TACAN MAGVAR CHANGED.
- ALTERNATE MISSED APPROACH INSTRUCTIONS: DELETED ALTERNATE MISSED APPROACH INSTRUCTIONS - NOT REQUIRED BY CRITERIA.
- PROFILE: LINE 3: FAC CHANGED FROM 274.63 TO 279.63 - CBU TACAN MAGVAR CHANGED.
- PROFILE: LINE 3: FAF DISTANCE CHANGED FROM 7.00 TO 7.74 - FIX ARLEH MOVED, CAT E VDA CRITERIA MET.
- PROFILE: LINE 3: ADDED DIST FAF TO THLD CHANGED FROM 5.75 TO 6.49 - FAF MOVED.
- PROFILE: LINE 4: FIX ROVTE DISTANCE FROM CBU TACAN CHANGED FROM 13.00 TO 13.74 - FIX ROVTE MOVED.
- PROFILE: LINE 4: FIX ARLEH DISTANCE FROM CBU TACAN CHANGED FROM 7.00 TO 7.74 - FIX ARLEH MOVED.
- PROFILE: LINE 4: FIX HAXOB DISTANCE FROM CBU TACAN CHANGED FROM 3.20 TO 3.44 AND FIX ALTITUDE CHANGED 760 TO 800 - FIX MOVED, MET CAT E VDA CRITERIA.
- PROFILE: LINE 8: MSA SECTOR 320-150 ALTITUDE CHANGED FROM 5600 TO 5500 - NEW CONTROLLING OBSTACLE.
- ADDITIONAL FLIGHT DATA: VDA/TCH NOTE CHANGED FROM ARLEH TO RW28L 3.31/55 TO ARLEH TO RW28L 3.09/60 - MET CAT E VDA CRITERIA.
- ADDITIONAL FLIGHT DATA: ADDED VDP AT 2.83 DME AND DISTANCE VDP FROM THLD 1.58 NM CHART NOTES - PER .19 PARA 8-6-10 (M).
- ADDITIONAL FLIGHT DATA: CHANGED FAC CROSSES RWY C/L EXTENDED DISTANCE FROM 3002 TO 3006 - FAC APPROACH COURSE ALIGNMENT CHANGED.
- ADDITIONAL FLIGHT DATA: DELETED NOTE: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW AASEN/BTG 5.00 DME, RT, 149.16 INBOUND - NOT REQUIRED.
- ADDITIONAL FLIGHT DATA: DELETED NOTE: CHART IN PLANVIEW: AASEN/BTG 5.00 DME - NOT REQUIRED.
- MINIMUMS: S-28L MDA/HAT CHANGED FROM 600/577 TO 660/637 - NEW CONTROLLING OBSTACLE.
- MINIMUMS: CIRCLING CAT A MDA/HAA CHANGED FROM 720/689 TO 740/709 - NEW CONTROLLING OBSTACLE.
- PROFILE: LINE 8: MSA RADIAL CHANGED FROM 150-320 TO 155/325 - CBU TACAN MAGVAR CHANGED.
- ADDITIONAL FLIGHT DATA: MISSED HOLDING INBOUND COURSE CHANGED FROM 075.38 TO 080.38 - CBU TACAN MAGVAR CHANGED.
- NOTES: INOP ALS NOTE CHANGED FROM CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-28L CAT C/D/E VISIBILITY TO 1 5/8 SM" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-28L CAT C/D/E VISIBILITY TO 1 3/4 SM" - VISIBILITY WITH AND WITHOUT LIGHTS CHANGED.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZSE, PDX ATCT, AMGR, PDX APP CON

FLIGHT CHECKED BY
PENDING

Digitally signed by
DAVID DANNER
Oct 25, 2023

OFFICE DATE

DEVELOPED BY
STEVEN DOUGHERTY

Digitally signed by
STEVEN DOUGHERTY
Oct 18, 2023

OFFICE DATE
AJV-A421 06/05/2023

APPROVED BY
DAVID DANNER

Digitally signed by
DAVID DANNER
Oct 25, 2023

OFFICE DATE
AJV-A421

TITLE
MANAGER

