

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29									Bearings, headings, courses, 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 in feet RVR.					
TERMINAL ROUTES												MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE			ALTITUDE			ILS: DA LOC: 6.01 NM AFTER TOLOC/I-IAP 7.68 DME/RADAR OR AT I-IAP 1.67 DME									
BTG VORTAC			NACIY/I-IAP 14.07 DME			122.26 / 19.76			3700			CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 4200 DIRECT BTG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200. ALTERNATE MA (DO NOT CHART): CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 313 AND ON UBG VOR/DME R-007 TO AASEN/UBG 32.50 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000 (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD N, RT, 163.83 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S AASEN/UBG 32.50 DME, RT, 007.21 INBOUND. CHART FAS OBST: 295 ANTENNA 453326N/1223006W 300 TOWER 453330N/1222858W CHART VDP AT 3.11 DME* DISTANCE VDP TO THLD 1.44 NM. *LOC ONLY. CHART IN PLANVIEW: AASEN/UBG 32.50 DME. CHART CIRCLING ICON. CHART MANDATORY 6700 AT SHAFR. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.									
MAVER			CUKIS (TF) (FB) (RNP 2.00)			020.14 / 17.47			4000												
CUKIS (IAF)			NACIY (NOPT) (TF) (FB) (RNP 1.00)			359.37 / 8.32			3700												
SHAFR (IAF)			REEDI (TF) (FB) (RNP 1.00)			218.72 / 7.29			5700												
REEDI (IAF)			NACIY (NOPT) (TF) (FB) (RNP 1.00)			260.92 / 5.54			3700												
(SEE FORM 8260-10)																					
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-01.																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																					
2. HOLD E NACIY, LT, 283.04 INBOUND, 3700 FT. IN LIEU OF PT (IAF)																					
3. FAC: 283.04 FAF: TOLOC/I-IAP 7.68 DME/RADAR DIST FAF TO MAP: 6.01 THLD: 6.01																					
4. MIN. ALT: NACIY 3700, OMMSI 2900, TOLOC 2000, WUGPU/I-IAP 5.37 DME/RADAR 1260*																					
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1049																					
6. MIN GS INCPT: 2000 GS ALT AT: TOLOC 2000 OM: - MM: - IM: -																					
7. GS ANGLE: 3.00 TCH: 54.3																					
8. MSA FROM: BTG VORTAC 120-300 3400, 300-120 6000																					
MAG VAR: 16E EPOCH YEAR: 2010																					
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: #		LOC: STANDARD @										
CATEGORY =====>		A			B			C			D			E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA						
S-ILS 28R	281	2400	250	281	2400	250	281	2400	250	281	2400	250	281	2400	250						
S-LOC 28R	560	2400	529	560	2400	529	560	5500	529	560	5500	529	560	5500	529						
CIRCLING	720	1	689	760	1	729	1060	3	1029	1060	3	1029	1140	3	1109						
NOTES: <																					
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.																					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAVER ON V448 SOUTHBOUND AND ON V165 EASTBOUND.																					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BTG VORTAC AIRWAY RADIALS 062 CW 182.																					
CHART PLANVIEW NOTE ADJACENT TO MAVER: RNAV 1-GPS REQUIRED.																					
(CONTINUED ON PAGE 2)																					
CITY AND STATE			ELEVATION: 31 TDZE: 31			FACILITY IDENTIFIER: I-IAP			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:									
PORTLAND, OR			AIRPORT NAME:						ILS OR LOC RWY 28R, AMDT 17			AMDT: 16									
			PORTLAND INTL						1 FEBRUARY 2018			DATED 06/25/2015									



ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NACIY INT/I-IAP 14.07 DME/RADAR (IF/IAF)	OMMSI/I-IAP 10.68 DME/RADAR	283.04 / 3.39 (I-IAP R-283)	2900
OMMSI/I-IAP 10.68 DME/RADAR	TOLOC/I-IAP 7.68 DME/RADAR	283.04 / 3.00 (I-IAP R-283)	2000

NOTES, (CONT.):

CHART PLANVIEW NOTE ADJACENT TO SHAFR: RNAV 1-GPS REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 28R CAT E VISIBILITY TO RVR 4000; INCREASE S-LOC 28R

CAT E VISIBILITY TO 1 1/2 SM.

CHART SPEED ICON IN PLANVIEW AT SHAFR : MAX 210 KIAS.

QUALITY
4
CHECKED

CITY AND STATE

PORTLAND, OR

ELEVATION: 31

TDZE: 31

AIRPORT NAME:

PORTLAND INTL

FACILITY
IDENTIFIER:

I-IAP

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 28R, AMDT 17

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