

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: 5.58 MILES AFTER BLAZR INT/I-VDG 5.68 DME/RADAR CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4200 ON BTG VORTAC R-160 TO BTG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 310 AND UBG VOR/DME R-007 TO AASEN/UBG 32.50 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000 . 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: 157 CRANE 453644N/1223841W CHART IN PLANVIEW: AASEN/UBG 32.50 DME. CHART PEARSON FIELD CHART (CFBGC) AT LOC MAP CHART LOC RWY 10R											
BUXOM INT/I-VDG 12.39 DME/RADAR (IF)	TRAYL INT/I-VDG 8.68 DME/RADAR	103.03 / 3.72 (I-VDG)	2300												
TRAYL INT/I-VDG 8.68 DME/RADAR	BLAZR INT/I-VDG 5.68 DME/RADAR	103.03 / 3.00 (I-VDG)	2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT BUXOM 3. FAC: <u>103.03</u> FAF: <u>BLAZR INT/I-VDG 5.68 DME/RADAR</u> DIST FAF TO MAP: <u>5.58</u> THLD: <u>6.03</u> 4. MIN. ALT: <u>BUXOM 3000, TRAYL 2300, BLAZR 2000, JALAG INT/I-VDG 2.81 DME/RADAR 1100*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u>946</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>BLAZR 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>49.3</u> 8. MSA FROM: <u>BTG VORTAC 120-300 3500, 300-120 6200</u>				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 10L **	293	2400	263	293	2400	263	293	2400	263	293	2400	263	293	2400	263
S-LOC 10L	420	2400	390	420	2400	390	420	3500	390	420	3500	390	420	3500	390
CIRCLING	720	1	689	740	1	709	760	2	729	980	3	949	1140	3	1109
NOTES: CHART PLANVIEW NOTE: RADAR REQUIRED. *LOC ONLY CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY10R CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS VISIBILITY ALL CATS TO RVR 4500, S-LOC CAT E (SEE FORM 8260-10) # CAT A 700-2, CAT B 800-2, CAT C 800-2, CAT D 1000-3, CAT E 1200-3 @ CAT D 1000-3, CAT E 1200-3															
CITY AND STATE PORTLAND, OR		ELEVATION: 31 THRE: 30 AIRPORT NAME: PORTLAND INTL		FACILITY IDENTIFIER: I-VDG		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 10L, AMDT 4, 20 SEPTEMBER 2012				SUP: AMDT: 3C DATED 03/08/2012					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

VISIBILITY TO RVR 6000

CHART NOTE: **RVR 2000 AUTHORIZED WITH USE OF FLIGHT DIRECTOR OR AUTOPILOT OR HUD TO DA

CHART NOTE: RADAR OR DME REQUIRED

QUALITY
CHECKED

CITY AND STATE
PORTLAND, OR

ELEVATION: 31 THRE: 30
AIRPORT NAME:
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FACILITY
IDENTIFIER:
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FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPDXXK1FI10L	ABUXOM	010BUXOMK1EA0E	B	IF						18000		0	NS
SUSAP KPDXXK1FI10L	ABUXOM	020TRAYLK1EA0EE		CF	IVDGK1	2831010610300037PI	+	02300				0	NS
SUSAP KPDXXK1FI10L	I	010TRAYLK1EA0E	I	IF	IVDGK1	28310106	PI	J	023000200018000			0	NS
SUSAP KPDXXK1FI10L	I	020BLAZRK1EA0E	F	CF	IVDGK1	2831007610300030PI	H	0200002000		-300BTG	K1D	0	NS
SUSAP KPDXXK1FI10L	I	030RW10LK1PG0GY	M	CF	IVDGK1	2831001610300060PI		00079		-300		0	NS
SUSAP KPDXXK1FI10L	I	040	0	M	CA	1030	+	00800				0	NS
SUSAP KPDXXK1FI10L	I	050BTG	K1D	Ovy	L	CFYBTG K1	0000000034000120D	+	04200			0	NS
SUSAP KPDXXK1FI10L	I	060BTG	K1D	Ove	R	HM	1638T010	+	04200			0	NS

[illegible][illegible][illegible]

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ILS STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BUXOM	BUXOM	010		IF		FB					
	BUXOM	TRAYL	020		CF		FB		103.0 ()	003.7	AA 02300	
		TRAYL	010	FACF	IF		FB				AA 02300 GI 02000	
		BLAZR	020	FAF	CF		FB		103.0 ()	003.0	GI 02000 GS 02000	
		RW10L	030	MAP	CF		FO		103.0 ()	006.0	AT 00079	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		103.0 ()		AA 00800	
	BTG	050		CF	L	FO		340.0 ()	012.0	AA 04200	
	BTG	060		HM	R	FO		163.8 ()	T01.0	AA 04200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BTG	N454452.12	W1223529.53	N4544.869	W12235.492
	IVDG (DME)	N453547.95	W1223613.55	N4535.799	W12236.226
	BLAZR	N453836.62	W1224315.24	N4538.610	W12243.254
	BUXOM	N454151.27	W1225138.38	N4541.855	W12251.640
	TRAYL	N454003.67	W1224659.88	N4540.061	W12246.998
	RW10L	N453541.28	W1223544.19	N4535.688	W12235.737
	IVDG (LOC)	N453455.53	W1223346.85	N4534.926	W12233.781

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW10L	00030	49

W12233.781
CHECKED

CITY AND STATE PORTLAND, OR	ELEVATION: 31	THRE: 30	FACILITY IDENTIFIER: I-VDG	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 10L, AMDT 4 20 SEPTEMBER 2012	SUP:
	AIRPORT NAME: PORTLAND INTL				AMDT: 3C
					DATED: 03/08/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC PACKET - 424-18 - LOC

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPDXX1FL10L	ABUXOM	010BUXOMK1EA0E	B	IF						18000		0	NS
SUSAP KPDXX1FL10L	ABUXOM	020TRAYLK1EA0EE		CF	IVDGK1	2831010610300037PI	+	02300				0	NS
SUSAP KPDXX1FL10L	L	010TRAYLK1EA0E	I	IF	IVDGK1	28310106		PI	+	02300	18000		0
SUSAP KPDXX1FL10L	L	020BLAZRK1EA0E	F	CF	IVDGK1	2831007610300030PI	+	02000			BTG	K1D	0
SUSAP KPDXX1FL10L	L	021JALAGK1EA0E	S	CF	IVDGK1	2831004710300029PI	+	01100			-305		0
SUSAP KPDXX1FL10L	L	030CFBGCK1EA0EY	M	CF	IVDGK1	2831002010300027PI		00225			-305		0
SUSAP KPDXX1FL10L	L	040		0	M	CA		1030	+	00800			0
SUSAP KPDXX1FL10L	L	050BTG	K1D	OVY	L	CFYBTG K1	0000000034000120D	+	04200				0
SUSAP KPDXX1FL10L	L	060BTG	K1D	OVE	R	HM	1638T010	+	04200				0

[illegible][illegible]

1	2	3	4	5	6	7	8	9	0	1	2
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CITY AND STATE
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MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPDXX1SBTG K1D 0 1203000622530012003525 M

QUALITY
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	BUXOM	TRAYL	020		CF		FB		103.0 ()	003.7	AA 02300	
		TRAYL	010	FACF	IF		FB				AA 02300	
		BLAZR	020	FAF	CF		FB		103.0 ()	003.0	AA 02000	
		JALAG	021	SDF	CF		FB		103.0 ()	002.9	AA 01100	
		CFBGC	030	MAP	CF		FO		103.0 ()	002.7	AT 00225	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		103.0 ()		AA 00800	
	BTG	050		CF	L	FO		340.0 ()	012.0	AA 04200	
	BTG	060		HM	R	FO		163.8 ()	001.0	AA 04200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
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	BLAZR	N453836.62	W1224315.24	N4538.610	W12243.254
	BUXOM	N454151.27	W1225138.38	N4541.855	W12251.640
	CFBGC	N453554.38	W1223617.81	N4535.906	W12236.297
	JALAG	N453713.31	W1223940.67	N4537.222	W12239.678
	TRAYL	N454003.67	W1224659.88	N4540.061	W12246.998
	RW10L	N453541.28	W1223544.19	N4535.688	W12235.737
	IVDG (LOC)	N453455.53	W1223346.85	N4534.926	W12233.781

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10L	00030	49

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