

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
WINIM/EAT 19.00 DME CW (IAF)	YOYUG/EAT 19.00 DME	19.00 DME ARC	9400	CLIMB TO 1740 THEN CLIMB TO 5500 ON EAT VOR/DME R-101 TO COYYA INT/EAT VOR/DME 18.52 DME AND HOLD.
YOYUG/EAT 19.00 DME CW	ZARLO/I-ADJ 19.87 DME	19.00 DME ARC (EAT LR-290)	7700	
ZARLO/19.87 DME (IF)	EWJOR/15.04 DME	116.02 / 4.83 (I-ADJ)	6600	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 281.00 INBOUND. CHART 2455 BUSH 472051N/1200833W CHART 2230 GRD 472039N/1200802W CHART EAT R-281 AT YOYUG. CHART EAT BRG-253 AT WINIM.

- PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
- PROFILE STARTS AT ZARLO/19.87 DME
- FAC: 116.02 FAF:      DIST FAF TO MAP:      THLD:
- MIN. ALT: ZARLO 7700, EWJOR 6600
- DIST TO THLD FROM OM: 13.95 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 700
- MIN GS INCPT: 6600 GS ALT AT: EWJOR 6600 OM: - MM: - IM: -
- GS ANGLE: 3.60 TCH: 46.1
- MSA FROM: EAT VOR/DME 360-090 5500, 090-180 7800, 180-360 10700

MAG VAR: 19E EPOCH YEAR: 1995

**MINIMUMS**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: 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 12*	1539	1	318	1539	1	318	1539	1	318		NA				

NOTES:  
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
 CHART PLANVIEW NOTE: DME REQUIRED.  
 CHART PROFILE NOTE: USE I-ADJ DME WHEN ON THE LOCALIZER COURSE.  
 CHART PLANVIEW NOTE: \*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 420 FEET PER NM TO 3200, IF UNABLE  
 (SEE FORM 8260-10)

CITY AND STATE WENATCHEE, WA	ELEVATION: 1249 THRE: 1221 AIRPORT NAME: PANGBORN MEMORIAL	FACILITY IDENTIFIER: I-ADJ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS X RWY 12, ORIG 20 SEPTEMBER 2012	SUP: AMDT: NONE DATED
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**ILS - STANDARD**

**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29**

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NOTES, (CONT.):

TO MEET CLIMB GRADIENT, SEE ILS Y RWY 12.

CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

CHART PROFILE NOTE: VGSI AND ILS GP NOT COINCIDENT.

CITY AND STATE

WENATCHEE, WA

ELEVATION: 1249

THRE: 1221

AIRPORT NAME:

PANGBORN MEMORIAL

FACILITY IDENTIFIER:

I-ADJ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS X RWY 12, ORIG

20 SEPTEMBER 2012

SUP:

AMDT: NONE

DATED:





**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**ILS STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WINIM	WINIM	010	IAF	IF		FB					
	WINIM	YOYUG	020		AF	R	FB		253.2 ()		AA 09400	
	WINIM	ZARLO	030		AF	R	FB		281.0 ()		AA 07700	
		ZARLO	010	FACF	IF		FB				AA 07700 GI 06600	
		EWJOR	020	FAF	CF		FB		116.0 ()	004.8	GI 06600 GS 06600	
		RW12	030	MAP	CF		FO		116.0 ()	014.0	AT 01267	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		116.0 ()		AA 01740	
	COYYA	050		CF		FO		101.0 ()	018.0	AA 05500	
	COYYA	060		HM	R	FO		281.0 ()	T01.0	AA 05500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EAT	N472358.91	W1201239.10	N4723.982	W12012.652
	IADJ (DME)	N472326.90	W1201137.70	N4723.448	W12011.628
	COYYA	N471441.15	W1194906.58	N4714.686	W11949.110
	EWJOR	N473402.35	W1202722.41	N4734.039	W12027.374
	WINIM	N472439.44	W1204036.35	N4724.657	W12040.606
	YOYUG	N473326.03	W1203656.76	N4733.434	W12036.946
	ZARLO	N473726.40	W1203226.08	N4737.440	W12032.435
	RW12	N472411.61	W1201248.82	N4724.194	W12012.814
	IADJ (LOC)	N472324.80	W1201139.94	N4723.413	W12011.666

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	01221	46

CITY AND STATE  
**WENATCHEE, WA**

ELEVATION: **1249**      **THRE: 1221**  
 AIRPORT NAME:  
**PANGBORN MEMORIAL**

FACILITY IDENTIFIER:  
**I-ADJ**

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**ILS X RWY 12, ORIG**  
**20 SEPTEMBER 2012**

SUP:  
 AMDT: **NONE**  
 DATED: