

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				
AVONA INT (IAF)	FOWLE/10.96 DME	123.04 / .96 (HDG) & 078.04 / 5.28 (I-PHX)	4000	ILS: DA LOC: CERLA/I-PHX 2.33 DME			
FOWLE/10.96 DME (IF)	ZINGA/6.43 DME	078.04 / 4.53 (I-PHX)	2600	CLIMB TO 5000 THEN LEFT TURN DIRECT PXR VORTAC AND HOLD, OR AS DIRECTED BY ATC.  ALTERNATE MA: CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 5000 DIRECT IWA VORTAC AND HOLD.			
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 255.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S IWA VORTAC, RT, 360.00 INBOUND. CHART FAS OBST: 1172 LT POLE 332545N/1120212W CHART: 1535 TOWER 332610N/1120637W CHART (QAQCE) AT INTERSECTION OF AVONA DR LEG AND INTERMEDIATE COURSE. CHART IN PLANVIEW: IWA VORTAC.			
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)							
2. PROFILE STARTS AT FOWLE/10.96 DME							
3. FAC: 078.04 FAF: ZINGA/6.43 DME DIST FAF TO MAP: THLD: 4.50							
4. MIN. ALT: FOWLE 4000, ZINGA 2600, PURCH/3.43 DME 1620*							
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1047							
6. MIN GS INCPT: 2600 GS ALT AT: ZINGA 2600 OM: - MM: - IM: -							
7. GS ANGLE: 3.00 TCH: 56.7							
8. MSA FROM: PXR VORTAC 100-190 4800, 190-340 5800, 340-100 6200				MAG VAR: 12E EPOCH YEAR: 2000			
MINIMUMS							
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: #	
						LOC: STANDARD @	
CATEGORY ==>	A		B		C		E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 7L	1320	2400	210	1320	2400	210	
S-LOC 7L	1460	2400	350	1460	2400	350	
CIRCLING	1740	1	605	1740	1	605	
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 7L C, D VISIBILITY TO RVR 5000. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AVONA ON V16 WESTBOUND. CHART PLANVIEW NOTE: DME REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. *LOC ONLY							
CITY AND STATE		ELEVATION: 1135 THRE: 1110		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PHOENIX, AZ		AIRPORT NAME:		I-PHX		ILS OR LOC/DME RWY 7L, AMDT 11	
		PHOENIX SKY HARBOR INTL				30 JUN 2011	
						SUP: ILS OR LOC RWY 7L	
						AMDT: 10D	
						DATED 07/01/2010	

TL 11-11 Pub 6-30-11



## FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

SUP:	ILS OR LOC RWY 7L
AMDT:	10D
DATED:	07/01/2010



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SUSAP KPHXK2SPXR K2D

0 010160058251602800622528001004825

M

CITY AND STATE  
PHOENIX, AZ

ELEVATION: 1135 THRE: 1110  
AIRPORT NAME:  
PHOENIX SKY HARBOR INTL

FACILITY  
IDENTIFIER:  
I-PHX

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
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## ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	AVONA	AVONA	010	IAF	IF		FB					
	AVONA	QAQCE	020		TF		FB				AA 04000	
	AVONA	FWLE	030		CF		FB		078.0 ()	005.3	AA 04000	
		FWLE	010	FACF	IF		FB				AA 04000 GI 02600	
		ZINGA	020	FAF	CF		FB		078.0 ()	004.5	GI 02600 GS 02600	
		RW07L	030	MAP	CF		FO		078.0 ()	004.5	AT 01167	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		078.0 ()		AA 05000	
	PXR	050		DF	L	FO				AA 05000	
	PXR	060		HM	R	FO		255.0 ()	T01.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PXR	N332558.87	W1115812.72	N3325.981	W11158.212
	IPHX (DME)	N332554.14	W1115919.06	N3325.902	W11159.318
	AVONA	N332632.04	W1121932.34	N3326.534	W11219.539
	FWLE	N332551.72	W1121224.96	N3325.862	W11212.416
	QAQCE	N332551.24	W1121843.74	N3325.854	W11218.729
	ZINGA	N332551.88	W1120700.20	N3325.865	W11207.003
	RW07L	N332551.81	W1120137.56	N3325.864	W11201.626
	IPHX (LOC)	N332551.72	W1115920.41	N3325.862	W11159.340

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07L	01110	57

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