

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				
ALLIS INT (IAF)	TESLE/I-AHA 21.47 DME/RADAR	123.03 / 1.82 (HDG) & 078.03 / 8.75 (I-AHA)	7000	ILS: DA LOC: 6.75 MILES AFTER TOTIE/7.22 DME/RADAR OR AT I-AHA 1.47 DME FIX CLIMB TO 3300 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 250 AND PXR VORTAC R-163 TO POPKE/PXR 16.00 DME 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 S, RT, 342.58 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S IWA VORTAC, RT, 360.00 INBOUND. CHART FAS OBST: 1201 OL ON LT POLE 332537N/1120158W CHART 1535 TOWER 332810N/1120637W. CHART 1240 TOWER 332554N/1120421W CHART (FFIXA) AT INTERSECTION OF ALLIS DR LEG AND INTERMEDIATE COURSE. CHART IN PLANVIEW: IWA VORTAC. CHART VDP AT 2.52 DME. DISTANCE VDP TO THLD 1.05 NM. *LOC ONLY			
TESLE/I-AHA 21.47 DME/RADAR (IF)	FALGO/I-AHA 17.90 DME/RADAR	078.03 / 3.57 (I-AHA)	6000				
FALGO/I-AHA 17.90 DME/RADAR	CAGOR/I-AHA 14.31 DME/RADAR	078.03 / 3.59 (I-AHA)	5000				
CAGOR/I-AHA 14.31 DME/RADAR	BALTE/I-AHA 10.72 DME/RADAR	078.03 / 3.59 (I-AHA)	4000				
BALTE/I-AHA 10.72 DME/RADAR	TOTIE/I-AHA 7.22 DME/RADAR	078.03 / 3.50 (I-AHA)	3000				

1. PT		SIDE OF COURSE		OUTBOUND		FT WITHIN		MILES OF		(IAF)	
2. PROFILE STARTS AT TESLE/I-AHA 21.47 DME/RADAR											
3. FAC:		078.03		FAF: TOTIE/I-AHA 7.22 DME/RADAR		DIST FAF TO MAP:		5.75		THLD: 5.75	
4. MIN. ALT: TESLE 7000, FALGO 6000, CAGOR 5000, BALTE 4000, TOTIE 3000, ALOGE/I-AHA 3.62 DME/RADAR 1840*											
5. DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		100 HAT:		GS ANT: 1057	
6. MIN GS INCPT: 3000		GS ALT AT: TOTIE 3000		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											

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		ILS: STANDARD		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 7R	1364	3/4	253	1364	3/4	253	1364	3/4	253	1364	3/4	253			
S-LOC 7R	1520	3/4	409	1520	3/4	409	1520	3/4	409	1520	3/4	409			
CIRCLING	1740	1	605	1740	1	605	1740	1 3/4	605	1920	2 1/2	785			

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 7R.
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8.
 CHART NOTE: DME REQUIRED.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 (SEE FORM 8260-10)

CITY AND STATE PHOENIX, AZ	ELEVATION: 1135 THRE: 1111 AIRPORT NAME: PHOENIX SKY HARBOR INTL	FACILITY IDENTIFIER: I-AHA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 7R, AMDT 2 / 1 " 201	SUP: AMDT: 1D DATED 03/12/2009
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QUALITY
CHECKED

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NOTES, (CONT.):

CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

CHART PROFILE NOTE: USE I-AHA DME WHEN ON THE LOCALIZER COURSE.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR SIMULTANEOUS APPROACHES.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 7R VISIBILITY CATS A/B TO 1 MILE AND CATS C/D TO 1 1/8 MILE.

QUALITY
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CITY AND STATE:

PHOENIX, AZ

ELEVATION: 1135

THRE: 1111

AIRPORT NAME:

PHOENIX SKY HARBOR INTL

FACILITY
IDENTIFIER:

I-AHA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 7R, AMDT 2

7/1/201

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AMDT: 1D

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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 KPHKK2FI07R	AALLIS	010ALLISK2EAOE	A	IF					18000			0 NS	
SUSAP KPHKK2FI07R	AALLIS	020FFIXAK2EAOE		TF				+ 07000				0 NS	
SUSAP KPHKK2FI07R	AALLIS	030TESLEK2EAOE	B	TF				+ 07000				0 NS	
SUSAP KPHKK2FI07R	AALLIS	040FALGOK2EAOE		TF				+ 06000				0 NS	
SUSAP KPHKK2FI07R	AALLIS	050CAGORK2EAOE		TF				+ 05000				0 NS	
SUSAP KPHKK2FI07R	AALLIS	060BALTEK2EAOEE		CF	IAHAK2	2581010707800036PI		+ 04000				0 NS	
SUSAP KPHKK2FI07R	I	010BALTEK2EAOE	I	IF	IAHAK2	25810107	PI	J	040000300018000			0 NS	
SUSAP KPHKK2FI07R	I	020TOTIEK2EAOE	F	CF	IAHAK2	2580007207800035PI		H	0300003000		-300PXR	K2D	0 NS
SUSAP KPHKK2FI07R	I	030RW07RK2PGGGY	M	CF	IAHAK2	2580001507800058PI			01168		-300		0 NS
SUSAP KPHKK2FI07R	I	040	0 M	CA		0780		+ 03300				0 NS	
SUSAP KPHKK2FI07R	I	050	0	R	VIY	2500						0 NS	
SUSAP KPHKK2FI07R	I	060POPKEK2EAOEY		CF	PXR K2	1626015016260120D		+ 05000				0 NS	
SUSAP KPHKK2FI07R	I	070POPKEK2EAOEE	R	HM		34260040		+ 05000				0 NS	

[illegible]

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			71 " 201	AMDT: 1D
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SUP:	
AMDT:	1D
DATED:	03/12/2009

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALLIS	ALLIS	010	IAF	IF		FB					
	ALLIS	FFIXA	020		TF		FB				AA 07000	
	ALLIS	TESLE	030		TF		FB				AA 07000	
	ALLIS	FALGO	040		TF		FB				AA 06000	
	ALLIS	CAGOR	050		TF		FB				AA 05000	
	ALLIS	BALTE	060		CF		FB		078.0 ()	003.6	AA 04000	
		BALTE	010	FACF	IF		FB				AA 04000 GI 03000	
		TOTIE	020	FAP	CF		FB		078.0 ()	003.5	GI 03000 GS 03000	
		RW07R	030	MAP	CF		FO		078.0 ()	005.8	AT 01168	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		078.0 ()		AA 03300	
		050		VI	R	FB		250.0 ()			
	POPKE	060		CF		FO		162.6 ()	012.0	AA 05000	
	POPKE	070		HM	R	FO		342.6 ()	004.0	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
	IAHA (DME)	N332543.83	W1115952.33	N3325.731	W11159.872
	ALLIS	N332657.18	W1123731.64	N3326.953	W11237.527
	BALTE	N332543.79	W1121240.72	N3325.730	W11212.679
	CAGOR	N332543.48	W1121658.09	N3325.725	W11216.968
	FALGO	N332543.03	W1122115.46	N3325.717	W11221.258
	FFIXA	N332539.87	W1123559.44	N3325.665	W11235.991
	POPKE	N331101.19	W1115631.43	N3311.020	W11156.524
	TESLE	N332542.43	W1122531.40	N3325.707	W11225.523
	TOTIE	N332543.88	W1120830.07	N3325.731	W11208.501
	RW07R	N332543.89	W1120137.57	N3325.732	W11201.626
	IAHA (LOC)	N332543.83	W1115952.33	N3325.731	W11159.872

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07R	01111	57

CITY AND STATE
PHOENIX, AZELEVATION: 1135 THRE: 1111
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