

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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
ZERLO	UVIYO (FB)	186.51 / 10.33	7000
UVIYO	TEYYI (FB)	258.27 / 7.40	5000
IWA VORTAC (IAF)	TEYYI (FB)	317.43 / 8.86	5000
TEYYI (IF)	ZAMEX (FB)	258.19 / 3.60	4000
ZAMEX	UXCUN (FB)	258.15 / 3.46	3000

LPV: DA
LNAV/VNAV: DA
LNAV: RW25R

CLIMB TO 5000 DIRECT YECXY AND VIA 260.42 TRACK TO BXK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 083.56 INBOUND.
CHART FAS OBST: 1262 TWR 332533N/1115843W
CHART FAS OBST: 1264 TWR 332533N/1115843W
DISTANCE TO THLD FROM 305 HAT: 0.79 NM.
CHART VDP AT 1.37 MILES TO RW25R* *LNAV ONLY.
WAAS CHANNEL # 40022
REFERENCE PATH ID: W25A

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT UVIYO
- FAC: 258.11 FAF: UXCUN DIST FAF TO MAP: 5.60 THLD: 5.60
- MIN. ALT: UVIYO 7000, TEYYI 5000, ZAMEX 4000, UXCUN 3000, YASCU/2.10 NM TO RW25R 1860*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3000 GS ALT AT: UXCUN OM: MM: IM:
- GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
- MSA FROM: RW25R 6100

MAG VAR: 12E

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		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
LPV DA		1439	1	305	1439	1	305	1439	1	305	1439	1	305			
LNAV/VNAV DA		1580	1 1/2	446	1580	1 1/2	446	1580	1 1/2	446	1580	1 1/2	446			
LNAV MDA		1640	1	506	1640	1	506	1640	1 1/2	506	1640	1 1/2	506			
CIRCLING		1740	1	605	1740	1	605	1740	1 3/4	605	1920	2 1/2	785			

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).

@ CAT D 800-2 1/2

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZERLO VIA V190 NORTHEAST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CITY AND STATE PHOENIX, AZ	ELEVATION: 1135 TDZE: 1134 AIRPORT NAME: PHOENIX SKY HARBOR INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 25R, AMDT 2 12 MAR 2009	SUP: RNAV (GPS) RWY 25R AMDT: 1A DATED 07/05/2007
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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHX
RUNWAY	RW25R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	332551.7270N
LTP/FTP LONGITUDE	1115936.0450W
LTP/FTP ELLIPSOIDAL HEIGHT	+03159
FPAP LATITUDE	332551.8100N
FPAP LONGITUDE	1120137.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

F8812001

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+03456
FPAP ORTHOMETRIC HEIGHT	+03456

CITY AND STATE PHOENIX, AZ	ELEVATION: 1135 TDZE: 1134 AIRPORT NAME: PHOENIX SKY HARBOR INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 25R, AMDT 2 12 MAR 2009	SUP: RNAV (GPS) RWY 25R
				AMDT: 1A
				DATED: 07/05/2007

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[illegible]

CITY AND STATE PHOENIX, AZ	ELEVATION: 1135 TDZE: 1134	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25R
	AIRPORT NAME:		RNAV (GPS) Y RWY 25R, AMDT 2	AMDT: 1A
	PHOENIX SKY HARBOR INTL		12 MAR 2009	DATED: 07/05/2007

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33

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[illegible]

SUSAP KPHXK2GRW25R 0103002581 N33255173W111593605-0200 +0315901134000055150R

[illegible]

SUSAP KPHXK2PR25RY RW25R001Y0000W25A0N3325517270W11159360450+031590300N3325518100W11201375600106750000000550F400500F8812001
SUSAP KPHXK2PR25RY RW25R002E +03456+03456LPV 40022 000

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3

SUSAP KPHXK2SRW25RK2PG 0 18018006125

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CITY AND STATE
PHOENIX, AZ

ELEVATION: 1135 TDZE: 1134

AIRPORT NAME:

PHOENIX SKY HARBOR INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 25R, AMDT 2

12 MAR 2009

SUP:	RNAV (GPS) RWY 25R
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AMDT: 1A

DATED: 07/05/2007

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IWA	IWA	010	IAF	IF		FB				
	IWA	TEYYI	020		TF		FB	1.0	317.4 (329T)	008.9	05000
	ZERLO	ZERLO	010		IF		FB				
	ZERLO	UVIYO	020	IAF	TF		FB	2.0	186.5 (199T)	010.3	07000
	ZERLO	TEYYI	030		TF		FB	1.0	258.3 (270T)	007.4	05000
		TEYYI	010	FACF	IF		FB				05000
		ZAMEX	011	SDF	TF		FB	0.5	258.2 (270T)	003.6	04000
		UXCUN	020	FAF	TF		FB	0.5	258.2 (270T)	003.5	03000
		YASCU	021	SDF	TF		FB	0.3	258.1 (270T)	003.5	0186001862
		RW25R	030	MAP	TF		FO	0.3	258.1 (270T)	002.1	01189

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	YECXY	040		DF		FB	1.0			
	BXK	050		TF		FO	1.0	260.4 (272T)		05000
	BXK	060		HM	R	FO	2.0	083.6 (096T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BXK	N332712.40	W1124928.50	N3327.207	W11249.475
	IWA	N331811.43	W1113905.19	N3318.191	W11139.087
	TEYYI	N332550.14	W1114428.42	N3325.836	W11144.474
	UVIYO	N332548.36	W1113537.90	N3325.806	W11135.632
	UXCUN	N332551.26	W1115254.59	N3325.854	W11152.910
	YASCU	N332551.59	W1115705.49	N3325.860	W11157.092
	YECXY	N332551.86	W1120823.87	N3325.864	W11208.398
	ZAMEX	N332550.78	W1114846.51	N3325.846	W11148.775
	ZERLO	N333537.39	W1113142.76	N3335.623	W11131.713
	RW25R	N332551.73	W1115936.05	N3325.862	W11159.601

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW25R	01134	55

CITY AND STATE
PHOENIX, AZELEVATION: 1135 TDZE: 1134
AIRPORT NAME:
PHOENIX SKY HARBOR INTLFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 25R, AMDT 2
12 MAR 2009

SUP:	RNAV (GPS) RWY 25R
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