

U.S. Department of Transportation  
Federal Aviation Administration

**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR 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	T O	COURSE AND DISTANCE	ALTITUDE	MAP: DA											
ZERLO (IAF) (40E) (43A)	UVIYO (TF) (FB) (RNP 1.00) (40E)	186.51/10.33	7000	CLIMB TO 5000 VIA TRACK 258.06 TO YECXY AND VIA TRACK 260.42 TO BXK VORTAC AND HOLD.											
UVIYO (40E)	TEYYI (TF) (FB) (RNP 1.00) (40E) (41E)	258.27/7.40	5000												
TEYYI (IF) (40E) (43I)	ZAMEX (TF) (FB) (RNP 0.50) (40E) (42S)	258.19/3.60	4000												
ZAMEX (40E) (42S)	UXCUN (TF) (FB) (RNP 0.50) (40E) (43F)	258.15/3.46	3000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 083.56 INBOUND CHART FAS OBST: 1241 ANT 332533N/1115857W DISTANCE TO THLD FROM 463 HAT: 1.28NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S # TCH 1189.0 MSL (DO NOT CHART)											
UXCUN (FAF) (40E) (43F)	RW25R (TF) (FO) (40G) (41Y) (43M)	258.11/5.60													
RW25R (MAP) (40G) (41Y) (43M)	YECXY (TF) (FB) (RNP 1.00) (40E) (42M)	258.06/7.36	5000												
YECXY (40E) (42M)	BXK VORTAC (TF) (FO) (RNP 1.00) (40V) (41Y)	260.42/34.40													
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)				MAG VAR: 12E EPOCH YEAR: 2000											
2. PROFILE STARTS AT UVIYO															
3. FAC. <u>258.11</u> FAF: <u>      </u> DIST FAF TO MAP: <u>      </u> THLD: <u>      </u>															
4. MIN. ALT: UVIYO 7000, TEYYI 5000, ZAMEX 4000															
5. DIST TO THLD FROM OM: <u>5.60</u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u>															
6. MIN GS INCPT: <u>3000</u> GS ALT AT: UXCUN 3000 OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>55.0#</u> 34:1 IS NOT CLEAR															
8. MSA FROM: RW25R 6300															
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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.20 DA	1597	1 1/2	463	1597	1 1/2	463	1597	1 1/2	463	1597	1 1/2	463			
RNP 0.30 DA	1622	1 3/4	488	1622	1 3/4	488	1622	1 3/4	488	1622	1 3/4	488			
NOTES: CHART NOTES: VISIBILITY REDUCTION BY HELICOPTERS NA. GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 46C (116F). CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZERLO VIA V190 NORTHEASTBOUND.															
CITY AND STATE		ELEVATION: 1135 TDZE: 1134		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:						SUP:			
PHOENIX, AZ		AIRPORT NAME: PHOENIX SKY HARBOR INTL		RNAV		22 OCT 2009 RNAV (RNP) Z RWY 25R, ORIG-A						AMDT: ORIG			
												DATE 03/12/2009			

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICES TITLE 14 CFR FAR PART 97.33

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## ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZERLO	ZERLO	010	IAF	IF		FB				
	ZERLO	UVIYO	020	SDF	TF		FB	1.0	186.5 (199T)	010.3	07000
	ZERLO	TEYYI	030	IF	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
		RW25R	030	MAP	TF		FO	0.3	258.1 (270T)	005.6	01189 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	YECXY	040		TF		FB	1.0	258.1 (270T)	007.4	
	BXK	050		TF		FO	1.0	260.4 (272T)	034.4	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
	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
	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

RWY	THRESHOLD ELEVATION	TCH
RW25R	01134	55

QUALITY  
8  
CHECKED

CITY AND STATE

PHOENIX, AZ

ELEVATION: 1135 TDZE: 1134  
AIRPORT NAME:

PHOENIX SKY HARBOR INTL

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE

22 OCT 2009

RNAV (RNP) Z RWY 25R, ORIG-A

SUP:

AMDT: ORIG

DATED: 03/12/2009