

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		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW12C CLIMB TO 5000 DIRECT PADPE AND ON 212.66 TRACK TO RIYCO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 322.44 INBOUND. CHART FAS OBST: 1409 RAMP LIGHT POLE 331838N/1114010W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.08 NM TO RW12C* *LNAV ONLY. WAAS CHANNEL # 58200 REFERENCE PATH ID: W12A LTP HAE: 381 M					
TFD VORTAC		OCATU (FO)		353.43 / 34.55				5000							
LAKEY		NEVKE (FB)		238.07 / 5.78				5000							
PXR VORTAC (IAF)		OCATU (NOPT) (FB)		064.27 / 7.13				4200							
NEVKE (IAF)		OCATU (NOPT) (FB)		212.51 / 5.01				4200							
OCATU (IF/IAF)		HICHI (FB)		122.47 / 6.01				3300							
HICHI (FAF)		RW12C (MAP) (FO)		122.52 / 5.87						MAG VAR: 13E EPOCH YEAR: 1980					
RW12C (MAP)		1609 MSL		122.52											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW OCATU, RT, 122.47 INBOUND, 4200 FT. IN LIEU OF PT (IAF) 3. FAC: 122.52 FAF: HICHI DIST FAF TO MAP: 5.87 THLD: 5.87 4. MIN. ALT: OCATU 4200, HICHI 3300 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3300 GS ALT AT: HICHI 3300 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR 8. MSA FROM: RW12C 8900															
MINIMUMS															
TAKEOFF: 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	1609	1	250	1609	1	250	1609	1	250	1609	1	250	1609	1	250
LNAV/VNAV DA	1686	1 1/4	327	1686	1 1/4	327	1686	1 1/4	327	1686	1 1/4	327	1686	1 1/4	327
LNAV MDA	1740	1	381	1740	1	381	1740	1	381	1740	1 1/4	381	1740	1 1/4	381
CIRCLING	1840	1 1/4	456	1840	1 1/4	456	1840	1 1/2	456	1940	2	558	2020	2 1/4	636
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT E 800-2 1/4 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TFD ON VORTAC ON V94 EASTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PXR VORTAC AIRWAY RADIALS 321 CW 143. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (115F).															
CITY AND STATE		ELEVATION: 1384 TDZE: 1359				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
PHOENIX, AZ		AIRPORT NAME: PHOENIX-MESA GATEWAY						RNAV (GPS) RWY 12C, AMDT 1B				AMDT: 1A			
								10 NOVEMBER 2016				DATED 06/27/2013			



US 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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
1609 MSL	PADPE (FB)		
PADPE	RIYCO (FO)	212.66 / 15.04	5000

CITY AND STATE
PHOENIX, AZ

ELEVATION: 1384 TDZE: 1359
AIRPORT NAME:
PHOENIX-MESA GATEWAY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 12C, AMDT 1B
10 NOVEMBER 2016

SUP:
AMDT: 1A
DATED: 06/27/2013

QUALITY
19
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIWA
RUNWAY	RW12C
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	331903.4000N
LTP/FTP LONGITUDE	1113957.3200W
LTP/FTP ELLIPSOIDAL HEIGHT	+03810
FPAP LATITUDE	331751.3300N
FPAP LONGITUDE	1113833.1900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
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

<u>CRC REMAINDER</u>	EA06EDA0
----------------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+04107
FPAP ORTHOMETRIC HEIGHT	+04107

CITY AND STATE

PHOENIX, AZ

ELEVATION: 1384

TDZE: 1359

AIRPORT NAME:

PHOENIX-MESA GATEWAY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12C, AMDT 1B

10 NOVEMBER 2016

SUP:

AMDT: 1A

DATED: 06/27/2013

QUALITY
19
CHECKER

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - 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.		
ARINC SUMMARY - KIWA ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LAKEY	010	LAKEY	IF	FB										E
LAKEY	020	NEVKE	TF	FB	2.0	238.1						AA 05000		E A
LAKEY	030	OCATU	TF	FB	1.0	212.5						AA 04200		EE B
PXR	010	PXR	IF	FB										V A
PXR	020	OCATU	TF	FB	1.0	064.3						AA 04200		EE B
TFD	010	TFD	IF	FB										V
TFD	020	OCATU	TF	FO	2.0	353.4						AA 05000		EY
TFD	030	OCATU	HF	FO		122.5			R			AA 04200		EE A
	010	OCATU	IF	FB								AA 04200		E I
	020	HICHI	TF	FB	1.0	122.5				RW12C		AA 03300		E F
	030	RW12C	TF	FO	0.3	122.5		3.00				AT 01398		GY M
	040		CA	FB		122.5						AA 01609		M
	050	PADPE	DF	FB										E
	060	RIYCO	TF	FO	1.0	212.7						AA 05000		EY
	070	RIYCO	HM	FO		322.4			R			AA 05000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
PXR			N332558.87			W1115812.72								
TFD			N325309.08			W1115431.44								
LAKEY			N333257.09			W1113905.19								
RIYCO			N330204.11			W1114514.65								
HICHI			N332315.40			W1114451.91								
NEVKE			N333104.20			W1114537.60								
OCATU			N332733.07			W1114953.91								
PADPE			N331236.69			W1113226.93								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE			THRESHOLD LONGITUDE			THRESHOLD ELEVATION			PROCEDURE TCH			
RW12C		N331903.41			W1113957.32			01348			50.0			

CITY AND STATE PHOENIX, AZ	ELEVATION: 1384	TDZE: 1359	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: PHOENIX-MESA GATEWAY		RNAV	RNAV (GPS) RWY 12C, AMDT 1B	1A
				10 NOVEMBER 2016	DATED: 06/27/2013