

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> MARANA RGNL	<u>AIRPORT ID</u> KAVQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> MARANA	<u>STATE</u> AZ	
<u>AIRPORT ELEVATION</u> 2032	<u>TDZE</u> 2026	<u>SUPERSEDED</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 06/08/2006	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ALMON	IAF	COXOT		TF	FB	1.00	128.68	8.89	5400
COXOT	IF	WOTBI		TF	FB	1.00	033.38	4.50	4300
WOTBI		HIPEM		TF	FB	1.00	033.38	1.99	3700
HIPEM	FAF	RW03	MAP	TF	FO	0.30	033.43	5.09	
RW03	MAP	2432 MSL		CA			033.43		
2432 MSL		ALMON		DF	FO	1.00			6000

MISSED APPROACH

MAP:

LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 6000 DIRECT ALMON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT COXOT

3. FAC: 033.43

FAF: HIPEM

DIST FAF TO MAP: 5.09

DIST FAF TO THLD: 5.09

4. MIN ALT: COXOT 5400, WOTBI 4300, HIPEM 3700

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM: RW03 10400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: VDP NA WHEN USING RYAN FIELD ALTIMETER SETTING.
CHART NOTE: RWY 03 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALMON ON V66-105 WESTBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RYAN FIELD ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

HIPEM TO RW03: 3.00/35.
CHART VDP AT 1.34 NM TO RW03
CHART FAS OBST: 2119 CACTUS 322047N/1111601W.
CHART 2139 CACTUS 321952N/1111656W.
HOLD W, LT, 111.00 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	2480	1	454	2480	1	454	2480	1 3/8	454		NA				
CIRCLING	2480	1	448	2500	1	468	2580	1 1/2	548		NA				

CHANGES - REASONS

1. ADDED NOTE: "RWY 03 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" AND CHANGED "34:1 IS CLEAR" TO "34:1 IS NOT CLEAR" - INCORPORATING FDC NOTAM 8/9706 IAW ORDER 8260.19H, PARA 8-6-11K(3).
2. REMOVED "DME/DME RNP-0.3 NA" NOTE AND ADDED "RNP APPROACH" TO PBN REQUIREMENTS NOTE. - FAAO 8260.19H PARAGRAPH 1-1-5 F (14).
3. CHANGED CHART PROFILE NOTE "VGSI AND RNAV GLIDEPATH NOT COINCIDENT "TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - IAW ORDER 8260.19H 8-6-9M(2).
4. CHANGED INTERMEDIATE RNP VALUES FROM 0.50 TO 1.00 - 8260.58A TABLE 1-2-1
5. ALL CIRCLING HAA VALUES LOWERED BY ONE FOOT - PENDING AIRPORT ELEVATION DATA CHANGES FROM 2031 TO 2032.
6. INCREASED LNAV CAT C VIS TO 1 3/8 AND UPDATED BACK UP ALTIMETER VIS INCREASES - NEW VIS CHECK CALCULATIONS.



COORDINATED WITH:

A4A ☐ ALPA ☐ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: AMGR, ZAB, TUS APP CON

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

ROBERT G HAMILTON

Jan 31, 2019

DEVELOPED BY

ROBERT G HAMILTON (STEVEN WINNER)

OFFICE

AJV-A422

DATE

12/03/2018

Digitally signed by

ROBERT G HAMILTON

Jan 31, 2019

APPROVED BY

JULIE MORGAN

OFFICE

AJV-A42

DATE

Digitally signed by

ROBERT G HAMILTON

Jan 31, 2019

TITLE

MANAGER

