

**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> MARIANNA/LEE COUNTY-STEVE EDWARDS FIELD	<u>AIRPORT ID</u> 6M7	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> MARIANNA	<u>STATE</u> AR
<u>AIRPORT ELEVATION</u> 219	<u>TDZE</u> 219	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 0E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 271/30 CW 091/30	NOPT	HEMBU	IF/IAF	1900
2. 091/30 CW 271/30		HEMBU	IF/IAF	1900

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>
HEMBU	IF/IAF	CIXIR		TF	FB	1.00	000.96	6.00	1900
CIXIR	FAF	WOGPI/2.00 NM TO RW36		TF	FB	0.30	000.96	3.11	
WOGPI/2.00 NM TO RW36		RW36	MAP	TF	FO	0.30	000.96	2.00	
RW36	MAP	527 MSL		CA			000.96		
527 MSL		FOVIS		DF	FO	1.00			1900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 DIRECT FOVIS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD S HEMBU, RT, 000.96 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 000.96FAF: CIXIRDIST FAF TO MAP: 5.11DIST FAF TO THLD: 5.11
4. MIN ALT:HEMBU 1900, CIXIR 1900, WOGPI/2.00 NM TO RW36 900*
5. DIST TO THLD FROM OM:MM:IM:150 HAT:308 HAT: 0.80GS ANT:
6. MIN GP INCPT: 1900GP ALT AT FAF : CIXIR 1900OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 53.0
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
*LNAV ONLY
CHART NOTE: USE TUNICA ALTIMETER SETTING; WHEN NOT RECEIVED, USE WEST MEMPHIS ALTIMETER SETTING AND INCREASE LPV DA TO 555 FEET; LNAV/VNAV DA TO 666 FEET AND ALL MDA 40 FEET; INCREASE CIRCLING CAT C VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART TUNICA MUNI AWOS-3.
CHART CIRCLING ICON.
WAAS CHANNEL #69433
REFERENCE PATH ID: W36A
CHART FAS OBST: 338 TREE 344430N/0904831W.
HOLD N, RT, 180.96 INBOUND
LTP HAE: 40 M

MINIMUMS:

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

ALTERNATE: NA

X



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
LPV DA	527	1	308	527	1	308	527	1	308		NA				
LNAV/VNAV DA	638	1 3/8	419	638	1 3/8	419	638	1 3/8	419		NA				
LNAV MDA	660	1	441	660	1	441	660	1 3/8	441		NA				
CIRCLING	920	1	701	920	1	701	920	2	701		NA				

CHANGES - REASONS

- 1. CHANGED LNAV STEPDOWN CONTROLLING OBSTACLE FROM 332 TREE (K6M7T0073) TO 338 TREE (05-038075) - TARGETS EVALUATION.
- 2. LNAV MDA/HAA ALL CATS INCREASED FROM 640/421 TO 660/441 - NEW CONTROLLING OBSTACLE, TARGETS EVALUATION, CANCEL NOTAM FDC 9/7406.
- 3. LNAV CAT C VISIBILITY INCREASED FROM 1 1/4 SM TO 1 3/8 SM - NEW VISCHECK CALCULATION.
- 4. DELETED CHART NOTE "DME/DME RNP-0.3 NA," ADDED PBN REQUIREMENTS NOTE: "RNP APCH" - 8260.19H 8-6-8 B.
- 5. CRC REMAINDER CHANGED FROM 4CFB0435 TO 12A3BEFF - FPAP LAT/LONG CHANGED FROM 344807.2600N/0904834.4500W TO 344807.2635N/0904834.4595W.
- 6. CHANGED HEMBU-CIXIR RNP VALUE IN TERMINAL ROUTES FROM 0.50 TO 1.00 AND ADDED RNP VALUE OF 1.00 TO MISSED APPROACH DF SEGMENT - IAW 8260.58A TABLE 1-2-1.
- 7. ADDED PROFILE LINE 7: 20:1 IS CLEAR - NO 20:1 PENETRATIONS PRESENT.
- 8. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - NO 20:1 PENETRATIONS, 34:1 PENETRATIONS PRESENT.
- 9. PROFILE SECTION, LINE 2, ADDED HEMBU MAX HOLDING ALTITUDE OF 6000 - NEW REPORT FORMAT CHANGE TO DOCUMENTATION.
- 10. DELETED CHART FAS OBSTACLE: 309 BLDG 344557N/0904911W AND 332 TREE 344649N/0904853W, ADDED CHART FAS OBSTACLE: 338 TREE 344430N/0904831W - NEW EVALUATION, NEW CONTROLLING OBSTACLE.
- 11. CHANGED CHART NOTE FROM; "USE TUNICA ALTIMETER SETTING, WHEN NOT RECEIVED USE WEST MEMPHIS ALTIMETER SETTING AND INCREASE ALL DA 25 FEET AND ALL MDA 40 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY AND LNAV CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT B/C VISIBILITY 1/4 MILE" TO "USE TUNICA ALTIMETER SETTING; WHEN NOT RECEIVED, USE WEST MEMPHIS ALTIMETER SETTING AND INCREASE LPV DA TO 555 FEET; LNAV/VNAV DA TO 666 FEET AND ALL MDA 40 FEET; INCREASE CIRCLING CAT C VISIBILITY 1/4 SM" - NEW RASS AND VISCHECK CALCULATIONS.
- 12. ADDED PROFILE SECTION LINE 5, "DIST TO THLD FROM 308 HAT: 0.80" - DOCUMENTATION CHANGE FROM ADDITIONAL FLIGHT DATA IAW 8260.19H, 8-6-7, E.(3).

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZME, AMGR

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by **OFFICE**

WARDELL HENNING FICO

DATE

2/27/2020

Mar 03, 2020

DEVELOPED BY

WARDELL HENNING (GORDON LEMON)

Digitally signed by
WARDELL HENNING

OFFICE

AJV-A432

DATE

11/22/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by
WARDELL HENNING

Mar 03, 2020

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	6M7
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	344638.0290N
LTP/FTP LONGITUDE	0904836.2710W
LTP/FTP ELLIPSOIDAL HEIGHT	+00400
FPAP LATITUDE	344807.2635N
FPAP LONGITUDE	0904834.4595W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	12A3BEFF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00668
FPAP ORTHOMETRIC HEIGHT	+00668

