

**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 ID</u> KMEB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> MAXTON	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 216	<u>TDZE</u> 214	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 8W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 AUGUST 2022	<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>
LORRY	IAF	HUBUL		TF	FB	1.00	241.98	7.36	2000
HUBUL	IF	BAYPA		TF	FB	1.00	233.88	4.05	1700
BAYPA	FAF	GAVKE/1.63 NM TO RW23		TF	FB	0.30	233.85	2.95	
GAVKE/1.63 NM TO RW23		RW23	MAP	TF	FO	0.30	233.85	1.63	
RW23	MAP	483 MSL		CA			233.85		
483 MSL		SUPIE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT SUPIE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT HUBUL

3. FAC: 233.85 FAF: BAYPA DIST FAF TO MAP: 4.58 DIST FAF TO THLD: 4.58

4. MIN ALT: HUBUL 2000, BAYPA 1700, GAVKE/1.63 NM TO RW23 760

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 261 HAT: 0.74 GS ANT:

6. MIN GP INCPT: 1700 GP ALT AT PFAF : BAYPA 1700 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 38.4

8. MSA FROM: RW23 3200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING TO RWY 13 AND 31 NA AT NIGHT.
CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT LORRY ON V54-296 WESTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 053.71 INBOUND.
CHART ARRIVAL HOLDING AT LORRY: HOLD E, LT, 260.00 INBOUND, 2400.
CHART FAS OBST: 320 TREE (37-029442) 344821N/0792153W.
CHART R-5311A.
CHART VDP AT 1.06 NM TO RW23.
WAAS CHANNEL # 61023
REFERENCE PATH ID: W23A
CHART CIRCLING ICON.
LTP HAE: 28.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	483	7/8	269	483	7/8	269	483	7/8	269	483	7/8	269	QUALITY 10 CHECKED		
LNAV/VNAV DA	483	7/8	269	483	7/8	269	483	7/8	269	483	7/8	269			
LNAV MDA	580	1	366	580	1	366	580	1	366	580	1	366			
CIRCLING	740	1	524	740	1	524	780	1 1/2	564	1020	2 1/2	804			

CHANGES - REASONS

1. LPV DA/HAT UPDATED FROM 476/261 TO 483/269. - MINIMUMS INCREASED DUE TO NEW SURVEYED MISSED PENETRATIONS.
2. LNAV/VNAV DA/HAT UPDATED FROM 481/266 TO 483/269. - MINIMUMS INCREASED DUE TO NEW SURVEYED FINAL CONTROLLING OBSTRUCTION AND MISSED PENETRATION.
3. CRC REMAINDER CHANGED FROM 36D58741 TO 399E4AF0. - LTP/FTP ELLIPSOIDAL HEIGHT UPDATED FROM +00289 TO +00288, LTP ORTHOMETRIC HEIGHT UPDATED FROM +00615 TO +00614, AND FPAP ORTHOMETRIC HEIGHT UPDATED FROM +00615 TO +00614 .
4. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" FOR ALTERNATE MINIMUMS. - ADDED IAW 8260.19I PARA 8-6-11B(4).
5. CHANGED CA LEG FROM 476 MSL TO 483 MSL. - LPV DA INCREASED FROM 476 TO 483.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** AMGR, FAY APP CON, ZDC

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

DEVELOPED BY

Digitally signed by

DONALD H LANIER

OFFICE

DATE

NICHOLAS K. JACKSON **NICHOLAS JACKSON**

Apr 20, 2022

AJV-A431

04/01/2022

Apr 18, 2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by

OFFICE

DATE

TITLE

DONALD H LANIER

Apr 20, 2022

AJV-A430

08/11/2022

MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMEB
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	344808.8445N
LTP/FTP LONGITUDE	0792124.8005W
LTP/FTP ELLIPSOIDAL HEIGHT	+00288
FPAP LATITUDE	344706.6335N
FPAP LONGITUDE	0792242.3695W
THRESHOLD CROSSING HEIGHT (TCH)	00038.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0824
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	399E4AF0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00614
FPAP ORTHOMETRIC HEIGHT	+00614

QUALITY
10
CHECKED