

**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.

AIRPORT ID MMU	PROCEDURE NAME RNAV (GPS) X RWY 23	ORIGINAL/AMENDMENT ORIG-A	CITY MORRISTOWN	STATE NJ
AIRPORT ELEVATION 187	TDZE 184	SUPERSEDED RNAV (GPS) X RWY 23	DATED 11/27/2025	MAG VAR 13W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 14 MAY 2026	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2005
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EMRSN	IAF	FALTY		TF	FB	1.00	089.34	5.51	3000
FALTY	IAF	GODLY		TF	FB	1.00	089.41	5.51	3000
GODLY	IAF	BADDA		TF	FB	1.00	159.28	5.51	3000
BADDA	IF	BINGG		TF	FB	1.00	229.21	6.50	2000
BINGG	FAF	RW23	MAP	TF	FO	0.30	229.16	5.53	
RW23	MAP	700 MSL		CA			229.16		700
700 MSL		BSPUR		DF	FB	1.00			
BSPUR		EMRSN		TF	FO	1.00	011.95	10.45	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 185 KIAS UNTIL BSPUR) CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT BSPUR AND TRACK 012 TO EMRSN AND HOLD.
*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 201 FEET PER NM TO 1900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT BADDA
- FAC: 229.16 FAF: BINGG DIST FAF TO MAP: 5.53 DIST FAF TO THLD: 5.53
- MIN ALT: BADDA 3000, BINGG 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: BINGG 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.1
- MSA FROM: RW23 2900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART NOTE: CIRCLING TO RWY 13, 31 NA AT NIGHT.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO 7/8 AND LNAV CATS C/D VISIBILITY TO 1 3/4 SM.
 CHART SPEED ICON IN PLANVIEW AT GODLY: MAX 240 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.80 INBOUND.
 CHART FAS OBST: 489 TANK (34-000542) 404936N/0742408W.
 CHART VDP AT 1.63 NM TO RW23.
 WAAS CHANNEL # 49147
 REFERENCE PATH ID: W23B
 LTP HAE: 23 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 900-2 1/2, CAT D 1100-3, 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*	384	1/2	200	384	1/2	200	384	1/2	200	384	1/2	200			
LPV DA	436	1/2	252	436	1/2	252	436	1/2	252	436	1/2	252			
LNAV/VNAV DA	774	1 1/4	590	774	1 1/4	590	774	1 1/4	590	774	1 1/4	590			
LNAV MDA	760	1/2	576	760	1/2	576	760	1 1/4	576	760	1 1/4	576			
CIRCLING	860	1	673	900	1	713	1000	2 1/2	813	1240	3	1053			

CHANGES - REASONS

1. FAS DATA BLOCK INFORMATION UPDATED REFERENCE PATH IDENTIFIER FROM W23A TO W23B - W23A WAS USED ON OTHER IAP AT AIRPORT.
2. FAS DATA BLOCK INFORMATION CRC REMAINDER CHANGED FROM 7A096019 TO 44837678 - UPDATED REFERENCE PATH ID.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZNY, NEW YORK APP CON, KMMU ATCT, AMGR

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

RAKE MCGRAW

Mar 17, 2026

DEVELOPED BY

JOSHUA DUGAN

Digitally signed by

CASIMIR L TABAKA

Mar 16, 2026

OFFICE

AJV-A433

DATE

11/05/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

CASIMIR L TABAKA

Mar 16, 2026

OFFICE

AJV-A433

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMMU
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	X
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23B
LTP/FTP LATITUDE	404823.0595N
LTP/FTP LONGITUDE	0742423.3075W
LTP/FTP ELLIPSOIDAL HEIGHT	+00230
FPAP LATITUDE	404711.0275N
FPAP LONGITUDE	0742532.4390W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 44837678

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00557
FPAP ORTHOMETRIC HEIGHT	+00557

