

**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> KMMU	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 23	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> MORRISTOWN	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 187	<u>TDZE</u> 184	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 12/05/2019	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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	384 MSL		CA			229.16		
384 MSL		SUCSO		DF	FB	1.00			
SUCSO		SBJ VOR/DME		TF	FO	1.00	250.15	12.52	2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT SUCSO AND ON TRACK 250.15 TO SBJ VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

- TDZE CHANGED FROM 183 TO 184 - NEW SURVEY DATA
- TERMINAL ROUTES, CA LEG CHANGED FROM 383 MSL TO 384 MSL - NEW TDZE.
- MISSED APPROACH HOLDING FIX CHANGED FROM CODOL TO SBJ VOR/DME AND ROUTING CHANGED TO ADD SUCSO - ATC REQUEST TO REPOSITION HOLDING FIX TO LOWER MISSED APPROACH HOLDING ALTITUDE TO 2000.
- MISSED APPROACH ALTITUDE CHANGED FROM 2500 TO 2000 - ATC REQUEST.
- MISSED APPROACH, REMOVED CLIMB-IN-HOLD - NO LONGER REQUIRED.
- ADDITIONAL FLIGHT DATA, ADDED "CHART" TO THE 492 TREE - TREE IS A SURVEYED 7:1 OBSTACLE.
- ADDITIONAL FLIGHT DATA, CHANGED HOLDING PATTERN FROM 049.06 INBOUND TO 032.42 INBOUND - NEW HOLDING PATTERN AND LOCATION.
- MINIMUMS, LPV DA CHANGED FROM 383 TO 384 - NEW TDZE.
- MINIMUMS, LNAV/VNAV DA CHANGED FROM 748 TO 749 - NEW TDZE.
- CRC REMAINDER CHANGED FROM 9289ACBB TO 3F2650BB - FPAP CHANGED DUE TO NEW FINAL ALIGNMENT.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
OTHER: ZNY, NEW YORK APP CON, KMMU ATCT, TOWN OF MORRISTOWN

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by

JASON KRETSCHMER

OFFICE

FICO

DATE

04/09/2021

DEVELOPED BY

RUSSELL ROSLEWSKI

Digitally signed by

RUSSELL ROSLEWSKI

Jun 08, 2021

OFFICE

AJV-A421

DATE

11/25/2020

APPROVED BY

MARLON ROBINSON

Jan 12, 2021

Digitally signed by

JASON KRETSCHMER

Feb 23, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMMU
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
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	3F2650BB

ADDITIONAL PATH POINT RECORD INFORMATION

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

