

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
MSV	RNAV (GPS) RWY 15	1	MONTICELLO	NY		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1403	1403	RNAV (GPS) RWY 15	ORIG-C	03/25/2021	12W	1980
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		5 SEPTEMBER 2024	ROUTINE			

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>
ZURIS		OSCOS		TF	FB	1.00	086.01	9.33	4300
OSCOS	IAF	JIBOT	NOPT	TF	FB	1.00	064.74	7.00	4000
KERRI		OVEYA		TF	FB	1.00	333.31	6.76	4700
OVEYA	IAF	JIBOT	NOPT	TF	FB	1.00	244.91	7.00	4000
ARRKK	IAF	CAFOD		TF	FB	1.00	138.82	10.75	4900
CAFOD		JIBOT		TF	FB	1.00	138.95	9.44	4000
JIBOT	IF/IAF	ANORT		TF	FB	1.00	154.82	6.02	3200
ANORT	FAF	RW15	MAP	TF	FO	0.30	154.88	5.51	
RW15	MAP	1653 MSL		CA			154.88		
1653 MSL		MUMVE		DF	FO	1.00			3300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3300 DIRECT MUMVE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
35
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW JIBOT, RT, 154.83 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	154.88	FAF:	ANORT	DIST FAF TO MAP:	5.51	DIST FAF TO THLD:	5.51							
4.	MIN ALT: JIBOT 4000, ANORT 3200														
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.66	GS ANT:				
6.	MIN GP INCPT:	3200	GP ALT AT PFAF:	ANORT 3200					OM:		MM:		IM:		
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	41.0							
8.	MSA FROM: RW15 5400														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NEW YORK STEWART INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW YORK STEWART INTL ALTIMETER SETTING; INCREASE LPV DA TO 1858 FEET AND ALL VISIBILITIES 5/8 SM; INCREASE LNAV/VNAV DA TO 2077 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE ALL MDAS 220 FEET AND LNAV VISIBILITY CAT B, C AND D 7/8 SM, AND CIRCLING VISIBILITY CAT B, C AND D 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 335.04 INBOUND.
FAS OBST: 1693 AAO 414630N/0745127W.
1916 AAO 414806N/0745100W.
CHART VDP AT 1.62 NM TO RW15.
WAAS CHANNEL # 56615
REFERENCE PATH ID: W15A
LTP HAE: 396.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 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	1653	3/4	250	1653	3/4	250	1653	3/4	250	1653	3/4	250			
LNAV/VNAV DA	1872	1 3/8	469	1872	1 3/8	469	1872	1 3/8	469	1872	1 3/8	469			
LNAV MDA	1980	1	577	1980	1	577	1980	1 5/8	577	1980	1 5/8	577			
CIRCLING	1980	1	577	1980	1	577	2020	1 3/4	617	2180	2 1/2	777			



CHANGES - REASONS

1. TERMINAL ROUTES: ADDED ZURIS AND KERRI FEEDERS TO PROCEDURE - PER ATC REQUEST.
2. TERMINAL ROUTES: ADDED OSCOS, OVEYA, ARKK AND CAFOD SDF INITIALS TO PROCEDURE - PER ATC REQUEST.
3. TERMINAL ROUTES: REMOVED WECOL AND FITRE INITIALS FROM PROCEDURE - PER ATC REQUEST.
4. TERMINAL ROUTES: CHANGED JIBOT FROM IF TO IF/IAF - HIL ADDED TO PROCEDURE PER ATC REQUEST.
5. TERMINAL ROUTES: CHANGED TOLMY FAF TO ANORT FAF - PER ATC REQUEST.
6. TERMINAL ROUTES: CHANGED IF TO FAF COURSE FROM 154.83 TO 154.82 AND DISTANCE FROM 6.10 TO 6.02 - FAF REPLACED AND BASED ON GPA/TCH TO ALIGN TO FAC.
7. TERMINAL ROUTES: ADDED FAF TO MAP, CA LEG AND MISSED APPROACH SEGMENTS - PER CURRENT DOCUMENTATION CRITERIA.
8. PROFILE LINE 2: CHANGED FROM "PROFILE STARTS AT JIBOT" TO "HOLD NW JIBOT, RT, 154.83 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000" - HIL ADDED TO PROCEDURE.
9. PROFILE LINE 3: CHANGED FAF FROM TOLMY TO ANORT - PER ATC REQUEST.
10. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 5.43 TO 5.51 - FAF REPLACED AND BASED ON GPA/TCH TO ALIGN TO FAC.
11. PROFILE LINE 4: CHANGED FROM "JIBOT 4000, TOLMY 3200" TO "JIBOT 4000, ANORT 3200" - FAF REPLACED PER ATC REQUEST.
12. PROFILE LINE 5: ADDED "250 HAT: 0.66" - PER 8260.19I, PARA 8-6-7E(3).
13. PROFILE LINE 6: CHANGED GP ALT AT PFAF FROM "TOLMY 3200" TO "ANORT 3200" - FAF REPLACED PER ATC REQUEST.
14. PROFILE LINE 7: CHANGED 34:1 FROM "IS NOT CLEAR" TO "IS CLEAR" AND ADDED "20:1 IS CLEAR" - NO PENETRATIONS EXIST.
15. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - 8260.19I, 8-6-8B2.
16. CHANGED CHART NOTE FROM "BARO-VNAV NA WHEN USING NEWBURGH ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING NEW YORK STEWART INTL ALTIMETER SETTING" - PER 8260.19I, PARA 8-6-10E(8)&(9).
17. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 46°C (114°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C" - PER 8260.19I, 8-6-9R & 8260.58B, 3-3-4A(1)(A)2.
18. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWBURGH ALTIMETER SETTING AND INCREASE LPV DA TO 1858 AND VISIBILITY ALL CATS 1/2 SM, LNAV/VNAV DA TO 2077 AND VISIBILITY CAT A/B/C 1/4 SM; INCREASE ALL MDA 220 FT AND LNAV CAT B VISIBILITY 1/4 SM, CAT C/D VISIBILITY 3/4 SM, AND CIRCLING CAT C/D VISIBILITY 1/2 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW YORK STEWART INTL ALTIMETER SETTING; INCREASE LPV DA TO 1858 FEET AND ALL VISIBILITIES 5/8 SM; INCREASE LNAV/VNAV DA TO 2077 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE ALL MDAS 220 FEET AND LNAV VISIBILITY CAT B, C AND D 7/8 SM, AND CIRCLING VISIBILITY CAT B, C AND D 3/4 SM" - NEW FORMAT AND VISIBILITY CALCULATIONS.
19. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 1812 TREE 414625N/0745000W" TO "FAS OBST: 1693 AAO 414630N/0745127W", AND REMOVED "CHART FAS OBST: 1468 TREE (KMSV0028) 414300N/0744826W" - NEW CONTROLLING OBSTACLE.
20. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE "1916 AAO 414806N/0745100W" - CURRENT OBSTACLE EVALUATION.
21. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.62 NM TO RW15" - VISUAL SURFACE CLEARED 20:1.
22. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.66 NM" - NOW DOCUMENTED ON PROFILE LINE 5.
23. CHANGED LPV DA ALL CATS VISIBILITY FROM 1 SM TO 3/4 SM - BASED ON 8260.3E, CHAPTER 3 VISIBILITY, TABLE 3-3-3.
24. CHANGED LNAV/VNAV ALL CATS VISIBILITY FROM 1 3/4 SM TO 1 3/8 SM - BASED ON 8260.3E, CHAPTER 3 VISIBILITY, TABLE 3-3-3.
25. CHANGED LNAV CAT C VISIBILITY FROM 1 1/2 SM TO 1 5/8 SM AND CAT D VISIBILITY FROM 1 3/4 SM TO 1 5/8 SM - BASED ON 8260.3E, CHAPTER 3 VISIBILITY, TABLE 3-3-3.
26. CRC REMAINDER CHANGED FROM "5A5A4115" TO "ABC55069" AND LTP/FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+04277" TO "+04276" - LTP/FTP COORDINATES CHANGED FROM "414228.4100N/0744804.7000W" TO "414228.4000N/0744804.7085W", FPAP COORDINATES CHANGED FROM "414141.1100N/0744717.0300W" TO "414117.2640N/0744653.0295W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+03968" TO "+03967", COURSE WIDTH AT THRESHOLD CHANGED FROM 100.75 TO 106.75 AND LENGTH OFFSET CHANGED FROM 0000 TO 0832.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZNY, NY APP CON, AMGR

FLIGHT CHECKED BY

JEREMY R VIRTIS

Digitally signed by

JOSEPH L ZEDER

Jul 25, 2024

OFFICE

FPO

DATE

07/02/2024

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

May 17, 2024

OFFICE

AJV-A432

DATE

03/07/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

May 17, 2024

OFFICE

AJV-A432

DATE

TITLE

MANAGER



AIRPORT ID
MSV

PROCEDURE NAME
RNAV (GPS) RWY 15

ORIGINAL/AMENDMENT
1

CITY
MONTICELLO

STATE
NY

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMSV
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	414228.4000N
LTP/FTP LONGITUDE	0744804.7085W
LTP/FTP ELLIPSOIDAL HEIGHT	+03967
FPAP LATITUDE	414117.2640N
FPAP LONGITUDE	0744653.0295W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
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)	50.0

CRC REMAINDER	ABC55069
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+04276
FPAP ORTHOMETRIC HEIGHT	+04276

QUALITY
35
CHECKED