

**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><b>AIRPORT ID</b></u> KMSS	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 27	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>CITY</b></u> MASSENA	<u><b>STATE</b></u> NY		
<u><b>AIRPORT ELEVATION</b></u> 221	<u><b>TDZE</b></u> 205	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 27	<u><b>ORIGINAL/AMENDMENT</b></u> 1D	<u><b>DATED</b></u> 03/25/2021	<u><b>MAG VAR</b></u> 14W	<u><b>EPOCH YEAR</b></u> 1980
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u>	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 180/30 CW 360/30	NOPT	180/9 CW 360/9		5600
2. 180/9 CW 360/9		YUDUK	IF/IAF	2900
3. 360/30 CW 090/30		ZAKOD	IAF	5100
4. 090/30 CW 180/30		JURGO	IAF	2900

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
JURGO	IAF	YUDUK	NOPT	TF	FB	1.00	180.38	6.70	2900
ZAKOD	IAF	YUDUK	NOPT	TF	FB	1.00	000.43	6.70	2900
YUDUK	IF/IAF	UVENE		TF	FB	1.00	270.40	5.00	1900
UVENE	FAF	RW27	MAP	TF	FO	0.30	270.32	5.18	
RW27	MAP	1000 MSL		CA			270.32		1000
1000 MSL		YUDUK		DF	FO	1.00			2900

**MISSED APPROACH**

**MAP:**

LNAV: RW27

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1000 THEN CLIMBING LEFT TURN 2900 DIRECT YUDUK AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E YUDUK, LT, 270.40 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 270.32FAF: UVENE

DIST FAF TO MAP: 5.18

DIST FAF TO THLD: 5.18

4. MIN ALT: YUDUK 2900, UVENE 1900

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

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: STRAIGHT-IN RWY 27 NA AT NIGHT, CIRCLING RWY 9, 23, 27 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

FAS OBST: 430 AAO 445737N/0744446W.  
CHART ADIRONDACK MOA.  
CHART CRANBERRY MOA.  
CHART TUPPER MOA.  
CHART CIRCLING ICON.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LNAV MDA	680	1	475	680	1	475	680	1 3/8	475	680	1 3/8	475			
CIRCLING	740	1	519	740	1	519	880	1 3/4	659	880	2	659			



**CHANGES - REASONS**

1. LNAV CAT D VISIBILITY CHANGED FROM 1 1/2 TO 1 3/8 - PER VISCHECK.
2. CIRCLING CAT C MDA/VIS/HAA CHANGED FROM "800/1 1/2/579" TO "880/1 3/4/659" - NEW CONTROLLING OBSTACLE.
3. CIRCLING CAT D MDA/VIS/HAA CHANGED FROM "900/2 1/4/679" TO "880/2/659" - XP REMOVED KEEPING MINIMA AS PREVIOUSLY PUBLISHED.
4. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMBING LEFT TURN TO 1900 DIRECT MSS VORTAC AND HOLD" TO "CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2900 DIRECT YUDUK AND HOLD"- MA MOVED TO YUDUK PER ZBW/FPT REQUEST AND MSS VORTAC DECOMMISSIONING, INSTRUCTIONS IAW 8260.19I PARA 8-6-6.D.(5).
5. UPDATED DISTANCE FOR LEG UVENE TO RW27 IN TERMINAL ROUTES FROM "5.14" TO "5.18" - APPROACH GEOMETRY CHANGED DUE TO 2019 SURVEY, AND DESIGN TCH CHANGE.
6. UPDATED COURSE/DISTANCE FOR LEG YUDUK TO UVENE IN TERMINAL ROUTES FROM "270.42/6.10" TO "270.40/5.00" - APPROACH GEOMETRY CHANGED DUE TO 2019 SURVEY, LEG LENGTH UPDATED IAW 8260.58A PARA 1-3-1.E.(2).
7. UPDATED COURSE/DISTANCE FOR LEG JURGO TO YUDUK IN TERMINAL ROUTES FROM "180.40/5.00" TO "180.38/6.70" - APPROACH GEOMETRY CHANGED DUE TO 2019 SURVEY, T PATTERN LEG LENGTH UPDATED TO ACCOMMODATE ATC VECTORS.
8. UPDATED LEG IN TERMINAL ROUTES FROM "FROM HINED, TO YUDUK, COURSE 000.44, DISTANCE 5.00" TO "FROM ZAKOD, TO YUDUK, COURSE 000.43, DISTANCE 6.70" - HINED SHARED BY MULTIPLE APPROACHES AND UNABLE TO MOVE, ZAKOD ESTABLISHED TO BUILD T PATTERN WITH TAA THAT SUPPORTS ATC VECTORS.
9. UPDATED TAA SECTOR 3 FROM "TO: HINED" TO "TO: ZAKOD" - HINED SHARED BY MULTIPLE APPROACHES AND UNABLE TO MOVE, ZAKOD ESTABLISHED TO BUILD T PATTERN WITH TAA THAT SUPPORTS ATC VECTORS.
10. UPDATED CA ALTITUDE IN TERMINAL ROUTES FROM "621" TO "1000" - REDESIGNED MISSED APPROACH PER ZBW/FPT REQUEST, 1000 CA USED TO ELIMINATE CLIMB-IN-HOLD REQUIREMENT.
11. UPDATED MISSED APPROACH LEG IN TERMINAL ROUTES FROM "FROM 621 MSL TO MSS VORTAC AT 1900" TO "FROM 1000 MSL TO YUDUK AT 2900" - REDESIGNED MISSED APPROACH PER ZBW/FPT REQUEST, 1000 FT CA USED TO ELIMINATE CLIMB-IN-HOLD REQUIREMENT.
12. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - EXPANDED CIRCLING IMPLEMENTED.
13. UPDATED PROFILE SECTION, LINE 2, INBOUND COURSE FROM "270.42" TO "270.40" - REALIGNED HOLDING PATTERN WITH APPROACH GEOMETRY CHANGES.
14. UPDATED PROFILE SECTION, LINE 3, DIST FAF TO MAP FROM "5.14" TO "5.18" AND DIST FAF TO THLD FROM "5.14" TO "5.18" - FAF, UVENE, MOVED DUE TO APPROACH GEOMETRY CHANGES.
15. REMOVED "HOLD SE, RT, 300.00 INBOUND" FROM ADDITIONAL FLIGHT DATA - MISSED APPROACH REDESIGNED TO RETURN BACK TO HILO-PT PER ZBW/FPT.
16. CHANGED ALTERNATE MINIMUMS FROM "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - CAT D VIS NOW WITHIN ALTERNATE REQUIREMENTS.
17. REMOVED "CHART 369 TOWER 445725N/0744711W" FROM ADDITIONAL FLIGHT DATA - OBSTACLE NO LONGER IN DATABASE.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, EASTERN FPT, AMGR

**FLIGHT CHECKED BY**

**OFFICE**

**DATE**

**DEVELOPED BY**

JASON KRETSCHMER (COLIN CAMPBELL)

*Digitally signed by*

**JASON KRETSCHMER**

Jan 14, 2021

*Digitally signed by*

**JASON KRETSCHMER**

Jan 14, 2021

**OFFICE**

AJV-A421

**DATE**

12/07/2020

**APPROVED BY**

MARLON ROBINSON

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER

QUALITY  
10  
CHECKED

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KMSS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 2	<u>CITY</u> MASSENA	<u>STATE</u> NY	<u>AIRPORT ELEVATION</u> 221	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
180/30 CW 360/30

TO  
180/9 CW 360/9

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												AAO	443612.00N/0741315.00W	3501	164	98	4E	2000					5600
												TERRAIN	443612.00N/0741315.00W	3300 (3300)								AS1500	4800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM  
180/9 CW 360/9

TO  
YUDUK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												AAO	445018.00N/0742636.00W	840	164	98	4E	2000					2900
												TERRAIN	445115.00N/0742912.00W	449 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



LEFT BASE AREA

FROM

360/30 CW 090/30

TO

ZAKOD

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	442430.98N/0741946.49W		3075	50	20	2C	2000					5100
TERRAIN	443230.00N/0743000.00W		2473 (2500)								AS1500	4000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

090/30 CW 180/30

TO

JURGO

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (CA-028132)	450626.43N/0750627.25W		948	250	50	4D	1000				AT952	2900
TERRAIN	451357.00N/0745251.00W		446 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FLIGHT CHECK REQUESTED TO CONFIRM 4D ACCURACY FOR WINDMILL (CA-028132) 450626.43N/0750627.25W 948’.



INITIAL

FROM

JURGO

TO

YUDUK

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.70											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	450327.00N/0743515.00W		492	164	98	4E	1000				AT1408	2900
TERRAIN	450327.00N/0743515.00W		291 (300)								AS1500	1800

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

INITIAL

FROM

ZAKOD

TO

YUDUK

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.70											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	445115.00N/0743348.00W		571	164	98	4E	1000				AT1329	2900
TERRAIN	445233.00N/0743557.00W		357 (400)								AS1500	1900

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



INTERMEDIATE

FROM

YUDUK (IF/IAF)

TO

UVENE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	445418.00N/0743842.00W		486	164	98	4E	500				AC98 AT816	1900
TERRAIN	445818.00N/0744045.00W		272 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

UVENE

TO

RW27

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.18		RW27	475								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	445737.04N/0744446.22W		430	50	20	2C	250					680

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

YUDUK

TO

P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	445524.00N/0742445.00W		604	164	98	4E	1000				AT1296	2900
TERRAIN	445524.00N/0742445.00W		403 (400)								AS1500	1900

COMPUTATIONS													
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE		

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW27

TO

YUDUK

RNP	DISTANCE	PAT	MAP	HAT	HMAS								
OBSTRUCTION		COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
									ASC				2900
AAO		444948.00N/0745621.00W		634	164	98	4E	1000					1700
TERRAIN		444948.00N/0745621.00W		433 (400)								AS1500	1900

COMPUTATIONS													
N/A	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:





AIRPORT ID

KMSS

PROCEDURE NAME

RNAV (GPS) RWY 27

AMDT NO.

2

CITY

MASSENA

STATE

NY

AIRPORT ELEVATION

221

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (36-000607)	445510.11N/0745000.34W	1.30	519	421	20	3	1A	300			740
CATEGORY B											
TOWER (36-000607)	445510.11N/0745000.34W	1.81	519	421	20	3	1A	300			740
CATEGORY C											
TOWER (36-000118)	445410.85N/0745300.65W	2.85	659	570	20	3	1A	300			880
CATEGORY D											
TOWER (36-000118)	445410.85N/0745300.65W	3.72	659	570	20	3	1A	300			880

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY

10

CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZBW ARTCC, BTV FSS

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KMSS	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMSS	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3P	<u>LOCATION</u> KPTD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KPTD	<u>DISTANCE</u> 16.228	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 73

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KMSS 201.1, KPTD 475.0  
RA = 72.83

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09 - MIRL (PCL), REIL (PCL)		NPI-G	
RW23 - HIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW27 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	
RW05 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)		PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 35.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:



<b>AIRPORT ID</b> KMSS	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 27	<b>AMDT NO.</b> 2	<b>CITY</b> MASSENA	<b>STATE</b> NY	<b>AIRPORT ELEVATION</b> 221	<b>FACILITY</b> RNAV
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**"VISUAL PORTION OF FINAL" PENETRATIONS**

Final Type	CIRCLING RWY 23				
20:1					
20:1 OBSTACLES ASSUMED DUE TO NO OIS SURVEY FOR RWY 23.					
Final Type	CIRCLING RWY 9				
20:1					
295 TREE (36-022487) 445602.99N/0745141.72W (11.52)			290 TREE (36-022486) 445557.05N/0745136.01W (19.30)		
Final Type	LNAV				
20:1					
FLIGHT CHECK REPORTED VISUAL SEGMENT OBSTACLES.					
Final Type	LNAV				
34:1					
FLIGHT CHECK REPORTED VISUAL SEGMENT OBSTACLES.					

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or  
**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

<b>PENETRATIONS REMARKS:</b>



**PART C: GENERAL REMARKS:**

VDP NOT ESTABLISHED - 20:1 VISUAL SURFACE PENETRATIONS PER FLIGHT CHECK.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' VEGETATION HEIGHT PER EASTERN FPT.

CURRENT OBSTACLE DATA BASE FOR IPDS INDICATES CATS A/B VISUAL SURFACES CLEAR OF OBSTACLE HOWEVER, FLIGHT CHECK N71, STEVEN BAUER, REPORTED VISUAL SEGMENT OBSTACLES FOR RWYS 9, 23, 27. THIS IS THE CAUSE OF THE CIRCLING NIGHT RESTRICTIONS AND THE REMOVAL OF THE VDA/TCH FROM THE PUBLISHED PROCEDURE.

LPV AND LNAV/VNAV NOT DEVELOPED; RWY SURVEY TYPE "C".

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA. COMPUTED PROCEDURE VDA/TCH: 3.00/TCH 45, REMOVED PER FLIGHT INSPECTION.

CONTINGENCY ALTIMETER: KPTD  
NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE POTSDAM ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET; INCREASE LNAV CATS C/D VISIBILITY 1/4 SM AND INCREASE CIRCLING CATS C/D VISIBILITY 1/4 SM.

CANADIAN OBSTACLES RETRIEVED FROM DATABASE WITH 9I ACCURACY, FLIGHT CHECK REQUESTED TO CONFIRM 4D ACCURACY FOR WINDMILL (CA-028132) 450626.43N/0750627.25W 948'. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<b>AIRPORT ID</b> KMSS	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 27	<b>AMDT NO.</b> 2	<b>CITY</b> MASSENA	<b>STATE</b> NY	<b>AIRPORT ELEVATION</b> 221	<b>FACILITY</b> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.18
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	256.32
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	THLD	TO 1500FT POINT	4.98
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	256.32
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD  
COORDINATES  
(IF STR-IN)445613.37N/0745022.12W

ARP COORDINATES445610.47N/0745042.43W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 23 DISTANCE 0.51 NM

FAF  
COORDINATES445727.12N/0744316.75W

FIX NAME  
COORDINATESIF/IAF YUDUK: 445837.85N/0743626.11W, IAF ZAKOD: 445207.14N/0743413.22W, IAF JURGO: 450508.52N/0743839.51W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY  
10  
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> JASON KRETSCHMER (COLIN CAMPBELL)	<u>OFFICE</u> AJV-A421	<u>DATE</u> 12/07/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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