

**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> LUM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MENOMONIE	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 895	<u>TDZE</u> 894	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 06/20/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1E
				<u>EPOCH YEAR</u> 2000
				<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>
ELPAS	IAF	HATEL	NOPT	TF	FB	1.00	044.41	10.24	2800
BITLR	IAF	HATEL	NOPT	TF	FB	1.00	086.96	7.22	2800
HATEL	IF/IAF	ANILE		TF	FB	1.00	088.15	6.00	2800
ANILE	FAF	WIBAM/2.35 NM TO RW09		TF	FB	0.30	088.24	3.52	
WIBAM/2.35 NM TO RW09		RW09	MAP	TF	FO	0.30	088.24	2.35	
RW09	MAP	1400 MSL		CA			088.24		1400
1400 MSL		GAGNR		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 2800 DIRECT GAGNR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W HATEL, RT, 088.15 INBOUND, 2800 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 088.24	FAF: ANILE		DIST FAF TO MAP: 5.86	DIST FAF TO THLD: 5.86	
4. MIN ALT: HATEL 2800, ANILE 2800, WIBAM/2.35 NM TO RW09 1680					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:
6. MIN GP INCPT: 2800	GP ALT AT PFAF: ANILE 2800		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 40.0		
8. MSA FROM: RW09 3200					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 36 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELPAS ON V26 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BITLR ON V510 NORTHWEST BOUND AND V413 WESTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 220.00 INBOUND.
FAS OBST: 1081 TREE 445251N/0915242W.
CHART VDP AT 1.29 NM TO RW09.
WAAS CHANNEL # 40304
REFERENCE PATH ID: W09A
LTP HAE: 241.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 1000-3, 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	1144	3/4	250	1144	3/4	250	1144	3/4	250	1144	3/4	250			
LNAV/VNAV DA	1250	1	356	1250	1	356	1250	1	356	1250	1	356			
LNAV MDA	1340	1	446	1340	1	446	1340	1 3/8	446	1340	1 3/8	446			
CIRCLING	1400	1	505	1520	1	625	1740	2 1/2	845	1800	3	905			



CHANGES - REASONS

1. TERMINAL ROUTES UPDATED ELPAS TO HATEL COURSE FROM 044.40 TO 044.41 - FIX HATEL MOVED FOR OPERATIONAL REQUEST PER FPT.
2. TERMINAL ROUTES UPDATED BITLR TO HATEL COURSE FROM 086.94 TO 086.96 - FIX HATEL MOVED FOR OPERATIONAL REQUEST PER FPT.
3. TERMINAL ROUTES UPDATED ANILE TO WIBAM DISTANCE FROM 3.64 TO 3.52 - FIX WIBAM MOVED NEW CONTROLLING OBSTACLE INCREASED MIN ALT..
4. TERMINAL ROUTES UPDATED WIBAM TO RW09 DISTANCE FROM 2.20 TO 2.35 - FIX WIBAM MOVED NEW CONTROLLING OBSTACLE INCREASED MIN ALT.
5. PROFILE LINE 4 MIN ALT UPDATED WIBAM/2.20 NM TO RW09 FROM 1640 TO 1680 AND REMOVED * - CONTROLLING OBSTACLE UPDATED AND NO LONGER REQUIRED.
6. PROFILE LINE 7 UPDATED TCH FROM 47.5 TO 40.0 -IAW 826.19K, 8-6-10 M AND TO PREVENT A CAPTURE FIX WAIVER FOR A TCH LESS THAN 40' IAW THE 8260.58D, IMPLEMENTATION LETTER.
7. PBN REQUIREMENTS NOTE UPDATED FROM RNP APCH TO RNP APCH - GPS - IAW 8290.19K 8-6-8 MEMO.
8. NOTES UPATED CHART NOTE FROM CIRCLING RWY 18, 36 NA AT NIGHT TO CIRCLING RWY 36 NA AT NIGHT - NEW EVAL SHOWED NO PENETRATIONS TO RWY 18.
9. ADDITIONAL FLIGHT DATA REMOVED CHART CIRCLING ICON - NO LONGER REQUIRED.
10. ADDITIONAL FLIGHT DATA REMOVED * AND * LNAV ONLY - NO LONGER REQUIRED.
11. ADDITIONAL FLIGHT DATA UPDATED FAS OBSTACLE FROM 1099 TREE 445306N/0915240W TO 1081 TREE 445251N/0915242W - NEW CONTROLLING OBSTACLE.
12. MINIMUMS ALTERNATE UPDATED FROM STANDARD - CAT B 1000-2, CAT C 1000-2 3/4 TO STANDARD - CAT C 900-2 1/2, CAT D 1000-3 NA WHEN LOCAL WEATHER IS NOT AVAILABLE - CIRCLING CAT B ALTERNATE MINIMUMS WERE REMOVED DUE TO CIRCLING CAT B MINIMUMS BEING LOWERED TO STANDARD, CAT C: ALTERNATE MINIMUMS WERE CHANGED DUE TO CIRCLING CAT C MINIMUMS BEING LOWERED, MINS UPDATED ADDED CAT D
- 13 MINIMUMS ADDED CAT D TO ALL FINAL TYPES - FPT REQUEST.
14. MINIMUMS LNAV VNAV DA ALL CATS LOWERED FROM 1423/529, 1 1/2 TO 1250/356, 1 - NEW CONTROLLING OBSTACLE.
15. ADDITIONAL FLIGHT DATA CHART VDP CHANGED FROM 1.32 TO 1.29 - LNAV MDA LOWERED.
16. FAS DATA FPAP COORDINATES CHANGED FROM 445327.9500N/0915031.5605W TO 445327.9575N/0915031.5510W - NEW SURVEY.
17. FAS DATA THRESHOLD CROSSING HEIGHT UPDATED FORM 47.5 TO 40 - IAW8260.58D, IMPLEMENTATION LETTER #11.
18. CRC REMAINDER CHANGED FROM 17BD81B7 TO 6DDA8E2B - NEW FAS DATA.
19. MINIMUMS LNAV MDA UPDATED FROM 1360/466 TO 1340/446 ADDED CAT D - NEW CONTROLLING OBSTACLE.
20. MINIMUMS CIRCLING UPDATED FROM CAT A 1420/525 TO 1400/505, CAT B 1800/905, 1 1/4 TO 1520/625, 1 AND CAT C FROM 1820/925, 2 3/4 TO 1740/845, 2 1/2 - CAT A AND B NEW CONTROLLING OBSTACLES CAT C UPDATED ELEVATION AND ACCURACY CODE.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZMP, AMGR, WI AV DEPT.

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

ROBERT G HAMILTON

Aug 26, 2026

OFFICE

AJF

DATE

08/24/2026

DEVELOPED BY

JOSHUA DUGAN

Digitally signed by

ROBERT G HAMILTON

Aug 26, 2026

OFFICE

AJV-A433

DATE

02/03/2026

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Aug 26, 2026

OFFICE

AJV-A433

DATE

07/30/2026

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLUM
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	445326.9530N
LTP/FTP LONGITUDE	0915236.8750W
LTP/FTP ELLIPSOIDAL HEIGHT	+02413
FPAP LATITUDE	445327.9575N
FPAP LONGITUDE	0915031.5510W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1200
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6DDA8E2B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02720
FPAP ORTHOMETRIC HEIGHT	+02720



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
LUM	RNAV (GPS) RWY 9	2	MENOMONIE	WI	895	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
ELPAS

TO
HATEL

RNP
1.00

DISTANCE
10.24

PAT

MAP

HAT

HMAS

<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	445506.00N/0921009.00W	1490	215	8	4B	1000					2500
TERRAIN	445427.00N/0921000.00W	1286 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
BITLR

TO
HATEL

RNP
1.00

DISTANCE
7.22

PAT

MAP

HAT

HMAS

<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	445506.00N/0921009.00W	1490	215	8	4B	1000					2500
TERRAIN	445506.00N/0921012.00W	1289 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM

HATEL (IF/IAF)

TO

ANILE

RNP

1.00

DISTANCE

6.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (55-000969)	445205.53N/0920429.98W	1541	500	50	5D	500					2100
TERRAIN	445506.00N/0921012.00W	1289 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

ANILE

TO

RW09

RNP

0.30

DISTANCE

5.86

PAT

MAP

DA

HAT

250

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (55-029703)	445332.30N/0915243.00W	943	20	10	1B		34.00:1			SA-34 AC10	1144

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

ANILE

TO

RW09

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.86		DA				356				
<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>
TREE	445251.00N/0915242.00W	1081	215	8	4B	161				AC8	1250

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ANILE

TO

WIBAM/2.35 NM TO RW09

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.52										
<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>
TOWER (55-000162)	445314.30N/0915637.60W	1312	250	50	4D	250				AC50 RA60	1680

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

WIBAM/2.35 NM TO RW09

TO

RW09

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.35		RW09				446				
<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>
TREE	445251.00N/0915242.00W	1081	215	8	4B	250					1340

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

HATEL

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<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>
TOWER (55-001540)	445555.50N/0921055.11W	1577	250	50	4D	1000					2600
TERRAIN	445506.00N/0921012.00W	1289 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

GAGNR

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 956				
<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>
							ASC				2800
TOWER (55-001305)	445025.20N/0915406.70W	1437	250	50	4D						1500
TERRAIN	444506.00N/0915618.00W	1210 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

GAGNR

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u> 1089		
<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>
							ASC				2800
TOWER (55-001305)	445025.20N/0915406.70W	1437	250	50	4D						1500
TERRAIN	444506.00N/0915618.00W	1210 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW09

TO

GAGNR

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u> 1240					
<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>
							ASC				2800
TOWER (55-001305)	445025.20N/0915406.70W	1437	250	50	4D						1500
TERRAIN	444506.00N/0915618.00W	1210 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

LUM

PROCEDURE NAME

RNAV (GPS) RWY 9

AMDT NO.

2

CITY

MENOMONIE

STATE

WI

AIRPORT ELEVATION

895

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											
TREE	445212.00N/0915106.00W	1.30	505	1098	215	8	4B	300			1400
CATEGORY B											
TOWER (55-167996)	445426.41N/0914932.13W	1.84	625	1201	20	3	1A	300			1520
CATEGORY C											
TOWER (55-000942)	445544.40N/0915439.25W	2.89	845	1379	250	50	4D	300		AC50	1740
CATEGORY D											
TOWER (55-001305)	445025.20N/0915406.70W	3.77	905	1437	250	50	4D	300		AC50	1800

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW09	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (55-000405)	450248.86N/0915147.63W	003	9.4	2180	250	50	4D	1000			3200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

GRB FSS, ZMP ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	LUM	24	LUM		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	EAU	24	EAU	16.40	Y	41

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KLUM = 895
KEAU = 913
RA = 40.4

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LUM	RNAV (GPS) RWY 9	2	MENOMONIE	WI	895	RNAV
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS		RUNWAY VISUAL RANGE		
RW09 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-F				
RW18 - MIRL (PCL), PAPI-2L (PCL)		NPI-F				
RW27 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-F				
RW36 - MIRL (PCL), PAPI-2R (PCL)		NPI-F				

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	892.3	40.0			3.00	36.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-16C	+54C	-16C	+13.23C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 967 HIGH TEMP 1275.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 36		
20:1			
937 TREE (55-131826) 445313.7600N/0915203.5000W (7.22)		938 TREE (55-132123) 445313.1600N/0915203.2600W (5.15)	
933 TREE (55-131812) 445313.4400N/0915202.4700W (1.42)			
<u>PENETRATIONS REMARKS:</u>			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION UTILIZED PER FPT CHECKLIST.

CONTINGENCY NOTES FOR BACKUP ALTIMETER:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EAU ALTIMETER SETTING AND INCREASE LPV DA TO 1185 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1291 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT C 1/4 SM. BARO-VNAV AND VDP NA WHEN USING EAU ALTIMETER SETTING.

APPLIED WAIVER TO ORDER 8260.58, US STANDARD FOR PBN NAVIGATION INSTRUMENT PROCEDURE DESIGN, ON APPENDIX C PBN TRANSITION TO ILS/GLS/LPV.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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	3.64
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	89.25
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	THLD	TO 1500FT POINT	5.44
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	89.25
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD COORDINATES (IF STR-IN)	445326.95N/0915236.88W
ARP COORDINATES	445332.44N/0915204.05W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 27 DISTANCE 0.45 NM
FAF COORDINATES	445322.61N/0920051.81W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JOSHUA DUGAN	AJV-A433	02/03/2026	AERONAUTICAL INFORMATION SPECIALIST

