

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> ATW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> APPLETON	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 918	<u>TDZE</u> 918	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1995
				<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>
GRB VORTAC		SOMBE		TF	FB	1.00	251.78	23.67	2600
OSH VORTAC		TISIE		TF	FB	1.00	328.37	20.01	2600
TISIE	IAF	ARALE	NOPT	TF	FB	1.00	027.92	5.00	2600
SOMBE	IAF	ARALE	NOPT	TF	FB	1.00	208.00	5.00	2600
ARALE	IF/IAF	ZOGLO		TF	FB	1.00	117.96	6.10	2600
ZOGLO	FAF	HODNO/1.70 NM TO RW12		TF	FB	0.30	118.05	3.35	
HODNO/1.70 NM TO RW12		RW12	MAP	TF	FO	0.30	118.05	1.70	
RW12	MAP	1118 MSL		CA			118.05		
1118 MSL		APESE		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT APESE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD NW ARALE, RT, 117.96 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 118.05 **FAF:** ZOGLO **DIST FAF TO MAP:** 5.05 **DIST FAF TO THLD:** 5.05
4. **MIN ALT:** ARALE 2600, ZOGLO 2600, HODNO/1.70 NM TO RW12 1500
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.47 **GS ANT:**
6. **MIN GP INCPT:** 2600 **GP ALT AT PFAF:** ZOGLO 2600 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 50.0
8. **MSA FROM:** RW12 3100

QUALITY
10
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GRB VORTAC AIRWAY RADIALS 182 CW 320.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OSH VORTAC AIRWAY RADIALS 337 CW 023.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 298.30 INBOUND.
CHART FAS OBST: 1014 TREE (55-100577) 441604N/0883145W.
CHART VDP AT 0.97 NM TO RW12.
WAAS CHANNEL # 82716
REFERENCE PATH ID: W12A
LTP HAE: 243.4 M

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
LPV DA	1118	3/4	200	1118	3/4	200	1118	3/4	200	1118	3/4	200			
LNAV/VNAV DA	1280	1	362	1280	1	362	1280	1	362	1280	1	362			
LNAV MDA	1280	1	362	1280	1	362	1280	1	362	1280	1	362			
CIRCLING	1340	1	422	1380	1	462	1400	1 1/2	482	1480	2	562			



CHANGES - REASONS

1. CHANGED LNAV MDA FROM 1240/HAT 322 TO MDA 1280/HAT 362 - NEW CONTROLLING OBSTACLE TREE (55-100577) 1014 MSL AC 1A 441604.11N/0883144.68W, CANCELS NOTAM 5/4633.
2. CHANGED PBN REQUIREMENTS NOTE FROM DME/DME RNP-0.3 NA TO RNP APCH-GPS - IAW 8260.19 8-6-8.
3. CHANGED UNCOMPENSATED BARO-VNAV NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C - IAW 8260.19 8-6-10 R.
4. CHANGED BACKUP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREEN BAY-AUSTIN STRAUBEL INTL ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRB ALTIMETER SETTING AND INCREASE LPV DA TO 1199 FEET AND ALL VISIBILITIES 1/8 SM, INCREASE LNAV/VNAV DA TO 1410 FEET AND ALL VISIBILITIES 1/4 SM, INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM" - IAW 8260.19 8-6-12 N 1 A, MOVED NOTE TO PART C GENERAL REMARKS.
5. MOVED NOTE BARO-VNAV AND VDP NA WHEN USING GREEN BAY-AUSTIN STRAUBEL INTL ALTIMETER SETTING - TO PART C GENERAL REMARKS.
6. ADDED 20:1 IS CLEAR - IAW 8260.19 8-6-7 G 3.
7. CHANGED VDP FROM 0.90NM TO RW12 TO 0.97 NM TO RW12 - IAW 8260.19 8-6-11 M.
8. CRC CHANGED FROM CC429A8E TO AF10A704 - LTP/FTP LATITUDE/LONGITUDE CHANGED FROM 441540.2250N/0883147.0350W TO 441540.2255N/0883147.0380W, FPAP LATITUDE/LONGITUDE CHANGED FROM 441500.9900N/0882955.7400W TO 441500.9960N/0882955.7255W, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +02436 TO +02434, LTP ORTHOMETRIC HEIGHT/FPAP ORTHOMETRIC HEIGHT CHANGED FROM +02799 TO +02798.
9. REMOVED *LNAV ONLY NOTE IAW 8260.19 8-6-10, NOT NEEDED.
10. CHANGE PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS ON GRB VORTAC AIRWAY RADIALS 269 CW 286" TO "PROCEDURE NA FOR ARRIVALS ON GRB VORTAC AIRWAY RADIALS 182 CW 320" - IAW 8260.19 8-2-5 E.
11. CHANGE PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS ON OSH VORTAC AIRWAY RADIALS 307 CW 337" TO "PROCEDURE NA FOR ARRIVALS ON OSH VORTAC AIRWAY RADIALS 337 CW 023" - IAW 8260.19 8-2-5 E.
12. CHANGED LNAV/VNAV VISIBILITY FROM 1 1/2 TO 1 1/8 - NEW TARGETS EVALUATION.

09/22/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/15/25.

1. CHANGED LNAV/VNAV DA FROM 1329/HAT 411 TO DA 1280/HAT 362 - MATCH LNAV/VNAV MINS TO LNAV MINS.
2. LNAV/VNAV VISIBILITY CHANGED FROM 1 1/8 TO 1 - IAW 8260.3G TABLE 3-3-1.

COORDINATED WITH:

A4A

☒

ALPA

☐

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZMP, ATW ATCT, AMGR

FLIGHT CHECKED BY

SHAWN DOUGLAS MAXWELL

Digitally signed by

OFFICE

RAKE MCGRAW

FIOG

DATE

09/10/2025

Oct 02, 2025

Digitally signed by

OFFICE

RAKE MCGRAW

AJV-A33

DATE

06/02/2025

Oct 02, 2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

OFFICE

RAKE MCGRAW

AJV-A33

DATE

TITLE

MANAGER

Oct 02, 2025



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KATW
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	441540.2255N
LTP/FTP LONGITUDE	0883147.0380W
LTP/FTP ELLIPSOIDAL HEIGHT	+02434
FPAP LATITUDE	441500.9960N
FPAP LONGITUDE	0882955.7255W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	AF10A704

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02798
FPAP ORTHOMETRIC HEIGHT	+02798



**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>
ATW	RNAV (GPS) RWY 12	1C	APPLETON	WI	918	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM GRB VORTAC **TO** SOMBE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	23.67				

<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>
1. TOWER (55-000857)	443126.00N/0881954.00W	1147	500	50	5D	1000				AT453	2600
2. TERRAIN	442315.00N/0884121.00W	929 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM OSH VORTAC **TO** TISIE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	20.01				

<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>
3. AAO	435627.00N/0883606.00W	1129	164	98	4E	1000				AT471	2600
4. TERRAIN	441657.00N/0884418.00W	916 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

TISIE

TO

ARALE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	5.00				

<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>
5. AAO	441800.00N/0884627.00W	1145	164	98	4E	1000				AT455	2600
6. TERRAIN	441800.00N/0884627.00W	945 (900)								AS1500	2400

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

SOMBE

TO

ARALE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	5.00				

<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>
7. TOWER (55-001245)	442502.00N/0884745.00W	1310	500	50	5D	1000				AT290	2600
2. TERRAIN	442315.00N/0884121.00W	942 (900)								AS1500	2400

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

ARALE (IF/IAF)

TO

ZOGLO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	6.10										
<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>
9. TOWER (55-001817)	442223.00N/0884416.00W	1238	250	50	4D	500				AT862	2600
6. TERRAIN	441800.00N/0884627.00W	945 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

ZOGLO

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.05		DA				200				
<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				1118

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

ZOGLO

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.05		DA				362				
<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>
10. TREE (55-100577)	441604.11N/0883144.68W	1014	20	3	1A	161				XP105	1280

COMPUTATIONS

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

SEGMENT REMARKS:

XP105 = MATCH LNAV MINS. 8260.58D 3-3-5 DOES NOT APPLY DUE TO THE OBSTACLE BEING IN THE LEVEL SURFACE. HOWEVER, UNABLE TO LOWER VNAV TO OBSTACLE REQUIRED HAT ON ABBREVIATED AMENDMENT. LOWERED TO MATCH LNAV MINS SINCE TRAP IS THE SAME WITH MANAGEMENT APPROVAL. AT NEXT FULL AMENDMENT VNAV MINS SHOULD BE LOWERED TO OBSTACLE REQUIRED HAT.

FINAL: LNAV

FROM

ZOGLO

TO

HODNO/1.70 NM TO RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.35										
<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>
11. AAO	441751.00N/0883630.00W	1136	215	8	4B	250				RA114	1500

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

HODNO/1.70 NM TO RW12

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	1.70		RW12	362	

<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>
11.5. TREE (55-100577)	441604.11N/0883144.68W	1014	20	3	1A	250					1280

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

ARALE

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
		P-5			

<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>
12. TOWER (55-000998)	442503.08N/0885502.32W	1383	50	20	2C	1000				AT217	2600
6. TERRAIN	441800.00N/0884627.00W	945 (900)								AS1500	2400

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

APESE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 953				
<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>
13.							ASC				2700
14. TOWER (55-000059)	440929.00N/0881704.00W	1344	250	50	4D	1000					2400
15. TERRAIN	440839.00N/0881742.00W	1000 (1000)								AS1500	2500

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

APESE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 1168				
<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>
13.							ASC				2700
14. TOWER (55-000059)	440929.00N/0881704.00W	1344	250	50	4D	1000					2400
15. TERRAIN	440839.00N/0881742.00W	1000 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV

FROM

RW12

TO

APESE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00										1180	
<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>
13.							ASC				2700
14. TOWER (55-000059)	440929.00N/0881704.00W	1344	250	50	4D	1000					2400
15. TERRAIN	440839.00N/0881742.00W	1000 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

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											
16. TREE	441639.32N/0883211.30W	1.30	422	1029	50	20	2C	300			1340
CATEGORY B											
16. TREE	441639.32N/0883211.30W	1.84	462	1029	50	20	2C	300		HAA	1380
CATEGORY C											
14. TOWER (55-001042)	441527.00N/0882633.00W	2.89	482	1032	500	50	5D	300		AC50	1400
CATEGORY D											
15. TOWER (55-000475)	441517.00N/0882612.00W	3.78	562	1119	500	50	5D	300		AC50	1480

CIRCLING REMARKS:

MSA

CENTER

RW12

RADIUS

25



SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (55-000034)	442435.00N/0880005.00W	070	24.4	2049	20	50	1D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED AT ATC REQUEST.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ATW TOWER, GRB APP CON, ZMP ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	ATW	24	ATW		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	GRB	24	GRB	21.58	Y	81

WX REMARKS:

RASS (PRESSURE PATTERNS SAME)
KATW 918 MSL, KGRB 695 MSL
RA = 80.9

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-G	APPROACH
RW12 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-G	
RW21 - HIRL (PCL), REIL (PCL), PAPI-4L		PIR-G	ROLL OUT
RW30 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	918.0	50.0			3.00	34.9

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	+13.18C

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 1276.

"VISUAL PORTION OF FINAL" PENETRATIONS



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.

BACKUP ALTIMETER NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRB ALTIMETER SETTING AND INCREASE LPV DA TO 1199 FEET AND ALL VISIBILITIES 1/8 SM, INCREASE LNAV/VNAV DA TO 1410 FEET AND ALL VISIBILITIES 1/4 SM, INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM. BARO-VNAV AND VDP NA WHEN USING GREEN BAY-AUSTIN STRAUBEL INTL ALTIMETER SETTING. 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	2.72
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	116.05
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.65
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	116.05
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	441540.23N/0883147.04W
ARP COORDINATES	441529.14N/0883108.66W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 21 DISTANCE 0.69 NM
FAF COORDINATES	441753.53N/0883806.07W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ALLAN WILL (ARTHUR ULVESTAD)	AJV-A33	06/02/2025	AERONAUTICAL INFORMATION SPECIALIST

