

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> KATW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2F	<u>CITY</u> APPLETON	<u>STATE</u> WI		
<u>AIRPORT ELEVATION</u> 918	<u>TDZE</u> 879	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2E	<u>DATED</u> 12/29/2022	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 DECEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
RABEE		WUPON		TF	FB	1.00	290.87	25.23	3100
TIDME	IAF	ASIGE	NOPT	TF	FB	1.00	118.14	5.00	2700
WUPON	IAF	ASIGE	NOPT	TF	FB	1.00	298.28	5.00	2700
ASIGE	IF/IAF	SEMOE		TF	FB	1.00	208.21	6.00	2700
SEMOE	FAF	TUCNY/1.60 NM TO RW21		TF	FB	0.30	208.16	3.88	
TUCNY/1.60 NM TO RW21		RW21	MAP	TF	FO	0.30	208.16	1.60	
RW21	MAP	1129 MSL		CA			208.16		
1129 MSL		APIXE		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT APIXE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD NE ASIGE, RT, 208.21 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 208.16 FAF: SEMOE DIST FAF TO MAP: 5.48 DIST FAF TO THLD: 5.48

4. MIN ALT: ASIGE 2700, SEMOE 2700, TUCNY/1.60 NM TO RW21 1440

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.63 GS ANT:

6. MIN GP INCPT: 2700 GP ALT AT PFAF : SEMOE 2700 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 50.0

8. MSA FROM: RW21 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 47°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 028.04 INBOUND.
CHART FAS OBST: 1010 TANK (55-000777) 441554N/0883026W.
WAAS CHANNEL # 93517
REFERENCE PATH ID: W21A
CHART CIRCLING ICON.
LTP HAE: 231.2 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	1129	3/4	250	1129	3/4	250	1129	3/4	250	1129	3/4	250			
LNAV/VNAV DA	1261	1 1/8	382	1261	1 1/8	382	1261	1 1/8	382	1261	1 1/8	382			
LNAV MDA	1280	1	401	1280	1	401	1280	1 1/8	401	1280	1 1/8	401			
CIRCLING	1340	1	422	1380	1	462	1400	1 1/2	482	1480	2	562			

CHANGES - REASONS

1. DELETED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT RABEE ON V450 SOUTHEAST BOUND" - VICTOR ROUTE REMOVED DUE TO VORMON.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZMP, ATW ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

ROBERT G HAMILTON

Oct 18, 2023

DEVELOPED BY

DAVID TEFFETELLER (JILL M. SUPPES)

OFFICE

AJV-A433

DATE

06/23/2023

Digitally signed by

ROBERT G HAMILTON

Oct 18, 2023

APPROVED BY

DAVID TEFFETELLER

OFFICE

AJV-A430

DATE

Digitally signed by

ROBERT G HAMILTON

Oct 18, 2023

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KATW
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	441607.0770N
LTP/FTP LONGITUDE	0883045.8630W
LTP/FTP ELLIPSOIDAL HEIGHT	+02312
FPAP LATITUDE	441447.0700N
FPAP LONGITUDE	0883140.4300W
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	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A279DC65

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02676
FPAP ORTHOMETRIC HEIGHT	+02676

