

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</u> FORT ATKINSON MUNI	<u>AIRPORT ID</u> K61C	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> FORT ATKINSON	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 800	<u>TDZE</u> 800	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/30/2013	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 120/30 CW 300/30	NOPT	GESJY	IF/IAF	3200
2. 300/30 CW 030/30		HEVGU	IAF	3200
3. 030/30 CW 120/30		030/15 CW 120/15	IAF	3400
4. 030/15 CW 120/15		FOGOD	IAF	3200

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>
FOGOD	IAF	GESJY	NOPT	TF	FB	1.00	120.17	6.40	3200
HEVGU	IAF	GESJY	NOPT	TF	FB	1.00	300.34	6.40	3200
GESJY	IF/IAF	HENIS		TF	FB	1.00	210.25	6.00	2500
HENIS	FAF	AVUME/2.32 NM TO RW21		TF	FB	0.30	210.21	2.89	
AVUME/2.32 NM TO RW21		RW21	MAP	TF	FO	0.30	210.21	2.32	
RW21	MAP	1200 MSL		CA			210.21		
1200 MSL		CIPOM		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW21
LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT CIPOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NE GESJY, RT, 210.25 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 210.21FAF: HENISDIST FAF TO MAP: 5.21DIST FAF TO THLD: 5.21

4. MIN ALT: GESJY 3200, HENIS 2500, AVUME/2.32 NM TO RW21 1580

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 CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 03 NA AT NIGHT.
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE WATERTOWN ALTIMETER SETTING; WHEN NOT RECEIVED USE SOUTHERN WISCONSIN RGNL ATIMETER SETTING AND INCREASE ALL MDA 20 FT, INCREASE LP CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART WATERTOWN AWOS-3.
CHART CIRCLING ICON.
HENIS TO RW21: 3.00/45.
WAAS CHANNEL #45842
REFERENCE PATH ID: W21A
CHART FAS OBST: 949 TREE 425858N/0884751W, 994 TANK 425910N/0884837W.
HOLD SW, RT, 030.09 INBOUND
LTP HAE: 208.2 M

MINIMUMS:

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

ALTERNATE: NA☒

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
LP MDA	1240	1	440	1240	1	440	1240	1 1/4	440		NA				
LNAV MDA	1280	1	480	1280	1	480	1280	1 3/8	480		NA				
CIRCLING	1360	1	560	1420	1	620	1460	1 3/4	660		NA				



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
FORT ATKINSON MUNI	K61C	RNAV (GPS) RWY 21	1	FORT ATKINSON	WI

CHANGES - REASONS

1. ADDED STRAIGHT-IN STEPDOWN AREA AT 11 NM AND LEFT BASE STEPDOWN AREA AT 15 NM - ENSURES CONSISTENCY WITH TAA SECTOR ALTITUDES.
2. UPDATED RIGHT BASE OUTER SECTOR MIN. ALT. FROM 3200 TO 3400; ADDED RIGHT BASE STEPDOWN AREA AT 15 NM AND UPDATED AREA MIN. ALT. FROM 3200 TO 3000 - NEW CONTROLLING OBSTACLE AND ENSURES CONSISTENCY WITH TAA SECTOR ALTITUDES.
3. ADDED MISSED APPROACH CA LEG AND UPDATED MISSED INSTRUCTIONS FROM CLIMB TO 3200 DIRECT CEBTU WP AND HOLD TO CLIMB TO 3000 DIRECT CIPOM AND HOLD - CHANGED WP NAME DUE TO MOVE IN EXCESS OF 1 NM.
4. REMOVED ALL REFERENCES TO WP AFTER FIX NAMES - NO LONGER REQUIRED.
5. UPDATED HOLD-IN-LIEU WP FROM GISPE TO GESJY AND COURSE FROM 210.23 TO 210.25 - WP MOVED IN EXCESS OF 1 NM AND NEW AND OR UPDATED DATA.
6. UPDATED FAC FROM 210.23 TO 210.21 - NEW AND OR UPDATED DATA.
7. UPDATED DIST FAF TO MAP TO THLD FROM 5.15 TO 5.21; RELOCATED SDF NE - FAF MOVED 375 FT NE/RELOCATED SDF 140 FT NE FOR A 3 DEGREE GLIDE PATH BUILD.
8. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - PER 8260.19H NAVSPEC REQUIREMENT.
9. UPDETED CHART NOTE: USE WATERTOWN ALTIMETER SETTING TO USE WATERTOWN ALTIMETER SETTING; WHEN NOT RECEIVED USE SOUTHERN WISCONSIN RGNL ATIMETER SETTING AND INCREASE ALL MDA 20 FT, INCREASE LP CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C 1/4 SM - ADDED BACK-UP REMOTE ALTIMETER SETTING TO THE PROCEDURE.
10. UPDATED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED TO RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - PER THE 8260.19H PARA 8-6-11K(3).
11. MOVED CHART WATERTOWN AWOS-3 FROM NOTES SECTION TO ADDITIONAL FLIGHT DATA - 8260.19H 8-6-10.
12. ADDED LP LINE OF MINIMA FOR CATS A-C; UPDATED LNAV LINE OF MINIMA MDA/HAT FROM 1300/500 CATS A-C AND VISIBILITY FROM 1 1/4 SM CAT C TO MDA/HAT 1280/480 CATS A-C AND VISIBILITY 1 1/8 SM CAT C - PER FPT REQUEST/NEW AND OR UPDATED DATA BASE.
13. UPDATED CIRCLING MDA/HAA FROM 1400/600 CATS A-C AND VISIBILITY FROM 1 1/2 SM CAT C TO CAT A 1360/560, CATS B 1420/620, CAT C 1460/660 AND VISIBILITY 1 3/4 SM CAT C ; ADDED CHART CIRCLING ICON - NEW AND OR UPDATED DATA BASE/PER FPT REQUEST.
14. UPDATED 8260-3 LINE 7 TO SHOW 20:1 IS CLEAR - 34:1 VISUAL SURFACE PENETRATIONS EXIST AND DOCUMENTED ON THE 8260-9.
15. INTERMEDIATE (IF/IAF GISPE) MOVED NE 1.1 NM AND RENAMED GESJY; INITIALS (FAPUP AND HADPA) MOVED 1.8 NM AND RENAMED (FOGOD AND HEVGU) RESPECTIVELY - SEGMENT LEG LENGTH NEEDED TO EXTENDED BASED ON CURRENT CRITERIA.



COORDINATED WITH:

A4A

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ALPA

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AOPA

☐

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZMP, ARPT MGR

FLIGHT CHECKED BY

PAUL R ARMSTRONG

Digitally signed by
DONALD H LANIER
Aug 08, 2018

OFFICE

FICO

DATE

8/6/18

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DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	61C
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	425804.0865N
LTP/FTP LONGITUDE	0884851.3925W
LTP/FTP ELLIPSOIDAL HEIGHT	+02082
FPAP LATITUDE	425645.5180N
FPAP LONGITUDE	0884948.6660W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1600
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	FDEBFCD1
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02424
FPAP ORTHOMETRIC HEIGHT	+02424

