

**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.

<b><u>AIRPORT ID</u></b> 3B1	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 14	<b><u>ORIGINAL/AMENDMENT</u></b> 1A	<b><u>CITY</u></b> GREENVILLE	<b><u>STATE</u></b> ME
<b><u>AIRPORT ELEVATION</u></b> 1402	<b><u>TDZE</u></b> 1392	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 14	<b><u>ORIGINAL/AMENDMENT</u></b> 1	<b><u>DATED</u></b> 07/21/2016
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 17 APRIL 2025	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>MAG VAR</u></b> 18W
				<b><u>EPOCH YEAR</u></b> 1995
				<b><u>CANCEL/SUSPEND</u></b>

**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>
BGR VORTAC		WELUG		TF	FO	1.00	336.25	61.27	5500
ZANAK	IAF	WELUG	NOPT	TF	FB	1.00	237.26	12.35	5000
WELUG	IF/IAF	KAKPE		TF	FB	1.00	148.14	7.41	3700
KAKPE	FAF	RW14	MAP	TF	FO	0.30	135.24	7.15	
RW14	MAP	2800 MSL		CA			135.24		2800
2800 MSL		WELUG		DF	FO	1.00			5000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW14

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2800 THEN CLIMBING LEFT TURN TO 5000 DIRECT WELUG AND HOLD. \*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 215 FEET PER NM TO 4200.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT**
- SIDE OF COURSE**
- OUTBOUND**
- FT WITHIN**
- MILES OF (IAF)**
- HOLD NW WELUG, LT, 148.14 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 6000.**
- FAC:** 135.24 **FAF:** KAKPE **DIST FAF TO MAP:** 7.15 **DIST FAF TO THLD:** 7.15
- MIN ALT:** WELUG 5000, KAKPE 3700
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **275 HAT:** 0.76 **GS ANT:**
- MIN GP INCPT:** 3700 **GP ALT AT PFAF:** KAKPE 3700 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- MSA FROM:** RW14 5000

QUALITY  
10  
CHECKED

**AIRPORT ID**  
3B1

**PROCEDURE NAME**  
RNAV (GPS) RWY 14

**ORIGINAL/AMENDMENT**  
1A

**CITY**  
GREENVILLE

**STATE**  
ME

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BGR ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C.  
CHART NOTE: CIRCLING RWY 3, 21 NA AT NIGHT.  
CHART NOTE: CIRCLING NA N OF RWY 14-32.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BGR ALTIMETER SETTING AND INCREASE LPV DA\* TO 1952 FEET AND ALL VISIBILITIES 5/8 SM. INCREASE LPV DA TO 2490 FEET AND ALL VISIBILITIES 1 1/2 SM. INCREASE LNAV/VNAV DA TO 2595 FEET AND ALL VISIBILITIES 1 SM. INCREASE ALL MDAS 300 FEET.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BGR VORTAC ON V471 SOUTHBOUND.

**ADDITIONAL FLIGHT DATA:**

CHART (K52B) IN PLANVIEW.  
FAS OBST: 2139 AAO 452957N/0694151W.  
CHART CONDOR 1 MOA.  
CHART CONDOR 2 MOA.  
CHART VDP AT 3.35 NM TO RW14.  
WAAS CHANNEL # 60940  
REFERENCE PATH ID: W14A  
CHART CIRCLING ICON.  
LTP HAE: 397.3 M

**MINIMUMS:**

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

**ALTERNATE:** NA ☒

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>		
<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>
LPV DA*	1667	1	275	1667	1	275	1667	1	275	1667	1	275			
LPV DA	2205	2 1/2	813	2205	2 1/2	813	2205	2 1/2	813	2205	2 1/2	813			
LNAV/VNAV DA	2310	4	918	2310	4	918	2310	4	918	2310	4	918			
LNAV MDA	2500	1 1/4	1108	2500	1 1/2	1108	2500	3	1108	2500	3	1108			
CIRCLING	2500	1 1/4	1098	2500	1 1/2	1098	2500	3	1098	2660	3	1258			



CHANGES - REASONS

1. MISSED APPROACH INSTRUCTIONS: CHANGED FROM" CLIMB TO 2800 THEN CLIMBING LEFT TURN TO 5000 DIRECT WELUG AND HOLD." TO "CLIMB TO 2800 THEN CLIMBING LEFT TURN TO 5000 DIRECT WELUG AND HOLD. \*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 215 FEET PER NM TO 4200" – CLIMB REQUIREMENT ADDED TO IAW 8260.19J, 8-6-6.F.

2. PROFILE: LINE 7 ADDED 20:1 IS CLEAR – NO PENETRATIONS EXIST AND IAW 8260.19J, 8-6-7.G. (3).

3. DELETED CHART NOTE "DME/DME RNP-0.3 NA." AND ADDED PBN REQUIREMENTS NOTE "RNP APCH – GPS." – IAW 8260.19J 8-6-8.B (2).

4. NOTES: ADDED CHART NOTE "BARO-VNAV AND VDP NA WHEN USING BGR ALTIMETER SETTING." – IAW 8260.19J, 8-6-10.E (8), FPT DIRECTED IN PROCEDURE NOTES.

5. NOTES: CHANGED CHART NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 54°C (130°F)." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C." – FAHRENHEIT REMOVED IAW 8260.19J, 8-6-10.R. AND TEMP UPDATED FROM NEW TARGETS VALUES.

6. NOTES: CHANGED CHART NOTE FROM "NIGHT LANDING: RWY 3, 21, 32 NA." TO "CIRCLING RWY 3, 21 NA AT NIGHT." – UPDATED IAW 8260.19J, 8-6-12.O (2) (G), RWY 32 HAS NEW IAP, NO 20:1 RESTRICTIONS.

7. NOTES: ADDED CHART NOTE "CIRCLING NA N OF RWY 14-32." – IAW NOTAM FDC3/8525 AND 8260.19J, 8-6-12.O (5)(A).

8. NOTES: DELETED CHART NOTE ""MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 215 FEET PER NM TO 4200." – MOVED TO MISSED APPROACH INSTRUCTIONS IAW 8260.19J, 8-6-6.F.

9. NOTES: ADDED BACKUP ALTIMETER NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BGR ALTIMETER SETTING AND INCREASE LPV DA\* TO 1952 FEET AND ALL VISIBILITIES 5/8 SM. INCREASE LPV DA TO 2490 FEET AND ALL VISIBILITIES 1 1/2 SM. INCREASE LNAV/VNAV DA TO 2595 FEET AND ALL VISIBILITIES 1 SM. INCREASE ALL MDAS 300 FEET." – IAW 8260.19J, 8-6-10.F (4) AND 8260.3E, 3-3-2, FPT DIRECTED PLACE IN PROCEDURE NOTES.

10. NOTES: CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON BGR VORTAC AIRWAY RADIALS 251 CW 038." TO "PROCEDURE NA FOR ARRIVAL AT BGR VORTAC ON V471 SOUTHBOUND." – IAW 8260.19J, 8-2-5.E.(2).

11. ADDITIONAL FLIGHT DATA: CHANGED CHARTING FROM "CHART GREENVILLE SPB (K52B)" TO "CHART (K52B) IN PLANVIEW." – IAW 8260.19J, 8-6-11.T.

12. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 3.34 NM TO RW14." TO "CHART VDP AT 3.35 NM TO RW14." – DUE TO UPDATED TARGETS EVALUATION.

13. ADDITIONAL FLIGHT DATA: DELETED "2603 AAO 453010N/0694343W." AND MOVED TO PART C: GENERAL REMARKS" – IAW 8260.19J, 8-6-11.E.(2) MEMO.

14. REMOVED "" FROM PROFILE VIEW VDP AT ""3.3 NM TO RW14" AND DELETED ""LNAV ONLY" – NO LONGER REQUIRED PER CURRENT CRITERIA.

15. DELETED ALTERNATE MINIMUMS – PRIMARY ALTIMETER NOT ON SERVICE-A.

16. FINAL MINIMUMS: LPV DA VISIBILITIES ALL CATEGORIES DECREASED FROM 3 SM TO 2 ½ SM – IAW 8260.3F TABLE 3-3-1.

17. FAS DATA: CRC REMAINDER CHANGED FROM 364528D9 TO 24767AC1 – DUE TO DATA CHANGES, LTP/FTP CHANGED FROM "452754.2490N/0693327.5040W" TO "452754.2485N/0693327.5030W", FPAP CHANGED FROM "452713.3070N/0693135.0805W" TO "452713.3065N/0693135.0790W", AND LENGTH OFFSET CHANGED FROM "1536" TO "1528".

03/06/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/28/2025.

1. PROFILE: CHANGED LINE 4 FROM "WELUG 4700" TO "WELUG 5000".

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZBW, AMGR, EST FPT

FLIGHT CHECKED BY  
ANTHONY DOMINIC VALLERA

Digitally signed by  
CASIMIR L TABAKA  
Mar 06, 2025

OFFICE  
FIOG

DATE  
02/26/2025

DEVELOPED BY  
CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)

Digitally signed by  
CASIMIR L TABAKA  
Mar 06, 2025

OFFICE  
AJV-A432

DATE  
07/15/2024

APPROVED BY  
CASIMIR L. TABAKA

Digitally signed by  
CASIMIR L TABAKA  
Mar 06, 2025

OFFICE  
AJV-A432

DATE  
03/13/2025

TITLE  
MANAGER



AIRPORT ID  
3B1

PROCEDURE NAME  
RNAV (GPS) RWY 14

ORIGINAL/AMENDMENT  
1A

CITY  
GREENVILLE

STATE  
ME

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	3B1
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	452754.2485N
LTP/FTP LONGITUDE	0693327.5030W
LTP/FTP ELLIPSOIDAL HEIGHT	+03973
FPAP LATITUDE	452713.3065N
FPAP LONGITUDE	0693135.0790W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	24767AC1
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+04218
FPAP ORTHOMETRIC HEIGHT	+04218

