

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
XOMYU (IAF)	UGATE (NOPT) (FB)	259.07 / 9.00	3100	LPV: DA LNAV/VNAV: DA LNAV: RW21	
JIBIP (IAF)	UGATE (NOPT) (FB)	168.93 / 9.00	3100		
UGATE (IF/IAF)	ZEZTA (FB)	213.96 / 6.04	2400	CLIMB TO 3100 DIRECT WEDVO AND HOLD.	
ZEZTA (FAF)	WISLI/2.10 NM TO RW21 (FB)	213.93 / 3.63			
WISLI/2.10 NM TO RW21	RW21 (MAP) (FO)	213.93 / 2.10			
RW21 (MAP)	805 MSL	213.93		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 033.81 INBOUND. CHART FAS OBST: 765 OL ON TWR 365944N/0862415W 1009 AAO 370351N/0862206W DISTANCE TO THLD FROM 285 HATH: 0.72 NM. WAAS CHANNEL # 57907 REFERENCE PATH ID: W21A CHART CIRCLING ICON LTP HAE: 128.3 M	
805 MSL	WEDVO (FO)		3100		

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE UGATE, LT, 213.96 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 213.93 FAF: ZEZTA DIST FAF TO MAP: 5.73 THLD: 5.73
4. MIN. ALT: UGATE 3100, ZEZTA 2400, WISLI/2.10 NM TO RW21 1240*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2400 GS ALT AT: ZEZTA 2400 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 4W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @		
CATEGORY =====>	A	B	C	D	E
	DH/MDA VIS HAT/HAA	DH/MDA VIS HAT/HAA	DH/MDA VIS HAT/HAA	DH/MDA VIS HAT/HAA	DH/MDA VIS HAT/HAA
LPV DA	805 1 285	805 1 285	805 1 285	805 1 285	
LNAV/VNAV DA	1071 1 7/8 551	1071 1 7/8 551	1071 1 7/8 551	1071 1 7/8 551	
LNAV MDA	1020 1 500	1020 1 500	1020 1 3/8 500	1020 1 3/8 500	
CIRCLING	1020 1 473	1120 1 573	1160 1 3/4 613	1200 2 653	

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING GLASGOW MUNI ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 (SEE FORM 8260-10)



CITY AND STATE	ELEVATION: 547 THRE: 520	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BOWLING GREEN, KY	AIRPORT NAME: BOWLING GREEN-WARREN COUNTY RGNL	RNAV	RNAV (GPS) RWY 21, AMDT 1 17 OCTOBER 2013	AMDT: ORIG
				DATED 01/15/2009

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE GLASGOW MUNI ALTIMETER SETTING AND INCREASE ALL DA 77 FEET ALL MDA 80 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 MILE AND LNAV/VNAV

ALL CATS 3/8 MILE AND LNAV AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: RWY 21 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 30 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	169/30 CW 259/30 (NOPT)	UGATE (IF/IAF) (FB)	3100
2.	259/30 CW 034/30	XOMYU (IAF) (FB)	3100
3.	034/30 CW 169/30	JIBIP (IAF) (FB)	3100



CITY AND STATE BOWLING GREEN, KY	ELEVATION: 547	THRE: 520	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
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				17 OCTOBER 2013	DATED: 01/15/2009

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWG
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	365826.9815N
LTP/FTP LONGITUDE	0862450.2235W
LTP/FTP ELLIPSOIDAL HEIGHT	+01283
FPAP LATITUDE	365709.6300N
FPAP LONGITUDE	0862545.6200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
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)	50.0

CRC REMAINDER 720ABF37

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01586
FPAP ORTHOMETRIC HEIGHT	+01586



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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	JIBIP	JIBIP	010	IAF	IF		FB					
	JIBIP	UGATE	020		TF		FB	1.0	168.9 (164.9T)	009.0	AA 03100	
	UGATE	UGATE	010	IAF	HF	L	FO		214.0 (210.0T)	004.0	AA 03100	
	XOMYU	XOMYU	010	IAF	IF		FB					
	XOMYU	UGATE	020		TF		FB	1.0	259.1 (255.1T)	009.0	AA 03100	
		UGATE	010	FACF	IF		FB				AA 03100	
		ZEZTA	020	FAF	TF		FB	0.5	214.0 (210.0T)	006.0	AA 02400	
		WISLI	021	SDF	TF		FB	0.3	213.9 (209.9T)	003.6	AA 01240	GS 01244
		RW21	030	MAP	TF		FO	0.3	213.9 (209.9T)	002.1	AT 00575	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		213.9 (209.9T)		AA 00805	
	WEDVO	050		DF		FO				AA 03100	
	WEDVO	060		HM	R	FO		033.8 (029.8T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JIBIP	N371721.92	W0862025.65	N3717.365	W08620.428
	UGATE	N370839.80	W0861730.05	N3708.663	W08617.501
	WEDVO	N364722.08	W0863245.14	N3647.368	W08632.752
	WISLI	N370016.35	W0862331.83	N3700.273	W08623.531
	XOMYU	N371059.60	W0860637.45	N3710.993	W08606.624
	ZEZTA	N370325.35	W0862116.20	N3703.423	W08621.270
	RW21	N365826.98	W0862450.22	N3658.450	W08624.837

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00520	55

QUALITY
2
CHECKED

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