

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
LYH VORTAC	IRAXE (FB)	083.33 / 8.10	3200	LP: SOZIY LNAV: SOZIY											
IRAXE (IAF)	WUGAD (NOPT) (FB)	109.92 / 6.80	3000												
WUGAD (IF/IAF)	MEHHO (FB)	197.56 / 3.72	2200	CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT WUGAD AND HOLD.											
MEHHO (FAF)	OVMUY/3.00 NM TO RW24 (FB)	227.24 / 1.92													
OVMUY/3.00 NM TO RW24	SOZIY (MAP) (FO)	227.24 / 3.00													
SOZIY / SOZIY (MAP)	1000 MSL	227.24	1000	<b>ADDITIONAL FLIGHT DATA:</b> CHART FAS OBST: 675 TREE 371002N/0785857W CHART FAS OBST: 695 TREE 370843N/0790043W OBST: 856 AAO 371258N/0785838W CHART FARMVILLE MOA. WAAS CHANNEL # 97334 REFERENCE PATH ID: W24A MEHHO TO RW23: 3.00/45. CHART CIRCLING ICON CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 14.96 DEGREES. FAC CROSSES RWY C/L EXTENDED 3073 FROM THLD. LTP HAE: 148.1 M											
1000 MSL	WUGAD (FO)		3000												
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD N WUGAD, RT, 197.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 227.24 FAF: MEHHO DIST FAF TO MAP: 4.92 THLD: 5.05 4. MIN. ALT: WUGAD 3000, MEHHO 2200, OVMUY/3.00 NM TO RW24 1580 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>      </u> GS ALT AT: <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>      </u> TCH: 34:1 IS CLEAR 8. MSA FROM: SOZIY 4100				MAG VAR: 9W EPOCH YEAR: 2000											
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
LP MDA	940	1	351	940	1	351		NA			NA				
LNAV MDA	960	1	371	960	1	371		NA			NA				
CIRCLING	1120	1	523	1180	1	583		NA			NA				
<b>NOTES:</b> CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LYH VORTAC AIRWAY RADIALS 014 CW 081. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LYNCHBURG RGNL/PRESTON GLENN FLD ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.															
CITY AND STATE BROOKNEAL, VA		ELEVATION: 597 THRE: 589 AIRPORT NAME: BROOKNEAL/CAMPBELL COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1 5 FEBRUARY 2015				SUP:					
										AMDT: ORIG					
										DATED 10/11/2002					

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AMDT:	ORIG
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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0V4
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	370836.6200N
LTP/FTP LONGITUDE	0790032.4900W
LTP/FTP ELLIPSOIDAL HEIGHT	+01481
FPAP LATITUDE	370726.4200N
FPAP LONGITUDE	0790141.4700W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

49429F5E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01795
FPAP ORTHOMETRIC HEIGHT	+01795

CITY AND STATE

BROOKNEAL, VA

ELEVATION: 597

THRE: 589

AIRPORT NAME:

BROOKNEAL/CAMPBELL COUNTY

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, AMDT 1

5 FEBRUARY 2015

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## **RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SUSAAENRT	IRAXE K60	W	N37172754W079042434	W0092	NAR	IRAXE
SUSAAENRT	MEHHO K60	W	N37122872W078564408	W0092	NAR	MEHHO
SUSAAENRT	OVMUY K60	W	N37105826W078581324	W0092	NAR	OVMUY
SUSAAENRT	SOZIY K60	W	N37083662W079003249	W0092	NAR	SOZIY
SUSAAENRT	WUGAD K60	W	N37160989W078560244	W0093	NAR	WUGAD

[illegible][illegible]

SUSAP	0V4	K6FR24	ALYH	010LYH	K6D	0V	IF					18000		A	JS
SUSAP	0V4	K6FR24	ALYH	020TRAXEK6EAOE	A	020TF		08330081	+	03200				A	JS
SUSAP	0V4	K6FR24	ALYH	030WUGADK6EAOEE	B	010TF		10990068	+	03000				A	JS
SUSAP	0V4	K6FR24	AWUGAD	010WUGADK6EAOEE	AR	HF		19760040	+	03000		18000		A	JS
SUSAP	0V4	K6FR24	R	010WUGADK6EAOE	I	IF			+	03000		18000		A	JS
SUSAP	0V4	K6FR24	R	020MEHHOK6EA1E	F	051TF		19760037	+	02200				SOZIY K6EAA	JS
SUSAP	0V4	K6FR24	R	020MEHHOK6EA2WALP			N	ALNAV							JS
SUSAP	0V4	K6FR24	R	0210VMUYK6EAOE	S	031TF		22720019	V	0158001590		-300		A	JS
SUSAP	0V4	K6FR24	R	030SOZIYK6EAOEY	M	031TF		22720030		00675		-300		A	JS
SUSAP	0V4	K6FR24	R	040		0 M	CA	2272	+	01000				A	JS
SUSAP	0V4	K6FR24	R	050WUGADK6EAOEY	R	DF			+	03000				A	JS
SUSAP	0V4	K6FR24	R	060WUGADK6EAOEE	R	HM		19760040	+	03000				A	JS

[illegible][illegible]

CITY AND STATE  
BROOKNEAL, VA

ELEVATION: 597                      THRE: 589  
AIRPORT NAME:  
BROOKNEAL/CAMPBELL COUNTY

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 24, AMDT 1**  
 5 FEBRUARY 2015

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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
	LYH	LYH	010		IF		FB					
	LYH	IRAXE	020	IAF	TF		FB	2.0	083.3 (074.3T)	008.1	AA 03200	
	LYH	WUGAD	030		TF		FB	1.0	109.9 (100.9T)	006.8	AA 03000	
	WUGAD	WUGAD	010	IAF	HF	R	FO		197.6 (188.6T)	004.0	AA 03000	
		WUGAD	010	FACF	IF		FB				AA 03000	

MEHHO	020	FAF	TF		FB	0.5	197.6 (188.6T)	003.7	AA 02200
OVBUY	021	SDF	TF		FB	0.3	227.2 (218.2T)	001.9	AA 01580 GS 01590
SOZIY	030	MAP	TF		FO	0.3	227.2 (218.2T)	003.0	AT 00675

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		227.2 (218.2T)		AA 01000	
	WUGAD	050		DF	R	FO				AA 03000	
	WUGAD	060		HM	R	FO		197.6 (188.6T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LYH	N371516.48	W0791410.97	N3715.275	W07914.183
	IRAXE	N371727.54	W0790424.34	N3717.459	W07904.406
	MEHHO	N371228.72	W0785644.08	N3712.479	W07856.735
	OVBUY	N371058.26	W0785813.24	N3710.971	W07858.221
	SOZIY	N370836.62	W0790032.49	N3708.610	W07900.542
	WUGAD	N371609.89	W0785602.44	N3716.165	W07856.041
	RW24	N370841.48	W0790040.21	N3708.691	W07900.670

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00589	45

CITY AND STATE  
**BROOKNEAL, VA**

ELEVATION: **597**  
 AIRPORT NAME:  
**BROOKNEAL/CAMPBELL COUNTY**

**THRE: 589**

FACILITY  
 IDENTIFIER:

**RNAV**

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