

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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.											
TERMINAL ROUTES												MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 4000 DIRECT BAGVE AND RIGHT TURN VIA 224.91 TRACK TO AFXAD AND RIGHT TURN VIA 310.36 TRACK TO TEDDS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 109.41 INBOUND. CHART FAS OBST: 1317 TREE 393905N/0795521W CHART FAS OBST: 1579 TREE 394129N/0795518W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 2.21 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 50412 REFERENCE PATH ID: W18A									
MGW VORTAC		JOHNB (FO)		355.10 / 17.59				4000											
TEDDS		OBEID (FB)		049.21 / 15.51				4000											
OBEID (IAF)		JOHNB (NOPT) (FB)		095.19 / 5.00				3000											
OTOWN (IAF)		JOHNB (NOPT) (FB)		262.73 / 7.95				3000											
JOHNB (IF/IAF)		BSTAF (FB)		181.37 / 6.88				2800											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N JOHNB, RT, 181.37 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>181.38</u> FAF: <u>BSTAF</u> DIST FAF TO MAP: <u>4.67</u> THLD: <u>4.67</u> 4. MIN. ALT: <u>JOHNB 3000, BSTAF 2800</u> 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>2800</u> GS ALT AT: <u>BSTAF 2800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>59.1</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW18 4500</u>																MAG VAR: 9W		EPOCH YEAR: 2000	
MINIMUMS																			
TAKEOFF:		STANDARD		X		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		1440	1/2	200	1440	1/2	200	1440	1/2	200	1440	1/2	200						
LNAV/VNAV DA		1869	1 3/4	629	1869	1 3/4	629	1869	1 3/4	629	1869	1 3/4	629						
LNAV MDA		2000	1/2	760	2000	3/4	760	2000	1 3/4	760	2000	2	760						
CIRCLING		2000	1	752	2000	1 1/4	752	2000	2 1/4	752	2100	2 3/4	852						
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLARKSBURG ALTIMETER SETTING INCREASE ALL DA 63 FEET AND MDA 80 FEET AND INCREASE VISIBILITY LNAV/VNAV 1/4 MILE ALL CATS, LNAV CAT A, SEE 8260-10																@ CAT C 800-2 1/4, CAT D 900-2 3/4 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.			
CITY AND STATE				ELEVATION: 1248 TDZE: 1240				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
MORGANTOWN, WV				AIRPORT NAME: MORGANTOWN MUNI-WALTER L BILL HART FLD				RNAV				RNAV (GPS) Z RWY 18, ORIG 02 JUL 2009				AMDT: NONE			
																DATED			

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

C, D, AND CIRCLING CAT C, D 1/4 MILE. FOR INOPERATIVE MALSR WHEN USING CLARKSBURG ALTIMETER

SETTING INCREASE VISIBILITY LPV 1/2 MILE ALL CATS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OBEID VIA V8-92-214 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MGW VORTAC ON AIRWAY RADIALS 307 CW 048.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLARKSBURG ALTIMETER SETTING.

CITY AND STATE

MORGANTOWN, WV**ELEVATION: 1248 TDZE: 1240****AIRPORT NAME:**
MORGANTOWN MUNI-WALTER L BILL
HART FLDFACILITY
IDENTIFIER:**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 18, ORIG**02 JUL 2009**

SUP:

AMDT: **NONE**

DATED:

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMGW
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	393902.4100N
LTP/FTP LONGITUDE	0795507.5700W
LTP/FTP ELLIPSOIDAL HEIGHT	+03442
FPAP LATITUDE	393811.3900N
FPAP LONGITUDE	0795458.7500W
THRESHOLD CROSSING HEIGHT (TCH)	00059.1
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)	35.0

CRC REMAINDER

66318678

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03767
FPAP ORTHOMETRIC HEIGHT	+03767

CITY AND STATE MORGANTOWN, WV	ELEVATION: 1248 TDZE: 1240 AIRPORT NAME: MORGANTOWN MUNI-WALTER L BILL HART FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 18, ORIG 02 JUL 2009	SUP:
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[illegible]

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MGW	MGW	010		IF		FB				
	MGW	JOHNB	020	IAF	TF		FO	2.0	355.1 (346T)	017.6	04000
	MGW	JOHNB	030		HF	R	FO		181.4 (172T)	005.0	03000
	OTOWN	OTOWN	010	IAF	IF		FB				
	OTOWN	JOHNB	020		TF		FB	1.0	262.7 (254T)	008.0	03000
	TEDDS	TEDDS	010		IF		FB				
	TEDDS	OBEID	020	IAF	TF		FB	2.0	049.2 (040T)	015.5	04000
	TEDDS	JOHNB	030		TF		FB	1.0	095.2 (086T)	005.0	03000
		JOHNB	010	FACF	IF		FB				03000
		BSTAF	020	FAF	TF		FB	0.5	181.4 (172T)	006.9	02800
		RW18	030	MAP	TF		FO	0.3	181.4 (172T)	004.7	01295

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAGVE	040		DF		FB	1.0			
	AFXAD	050		TF	R	FB	1.0	224.9 (216T)		
	TEDDS	060		TF	R	FO	1.0	310.4 (301T)		04000
	TEDDS	070		HM	L	FO	2.0	109.4 (100T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MGW	N393324.10	W0795137.42	N3933.402	W07951.624
	AFXAD	N393029.22	W0795956.04	N3930.487	W07959.934
	BAGVE	N393609.80	W0795437.76	N3936.163	W07954.629
	BSTAF	N394340.10	W0795555.62	N3943.668	W07955.927
	JOHNB	N395029.54	W0795706.69	N3950.492	W07957.112
	OBEID	N395003.78	W0800335.61	N3950.163	W08003.594
	OTOWN	N395243.77	W0794711.97	N3952.730	W07947.200
	TEDDS	N393819.09	W0801635.68	N3938.318	W08016.595
	RW18	N393902.41	W0795507.57	N3939.040	W07955.126

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	01236		59

CITY AND STATE
MORGANTOWN, WV

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