

**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> MORGANTOWN MUNI-WALTER L BILL HART FLD	<u>AIRPORT ID</u> KMGW	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> MORGANTOWN	<u>STATE</u> WV
<u>AIRPORT ELEVATION</u> 1244	<u>TDZE</u> 1240	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 06/25/2015	<u>MAG VAR</u> 9W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
MGW VOR/DME		JOHNB		TF	FO	1.00	355.10	17.59	4000
TEDDS		OBEID		TF	FB	1.00	049.21	15.51	4000
OBEID	IAF	JOHNB	NOPT	TF	FB	1.00	095.19	5.00	3000
OTOWN	IAF	JOHNB	NOPT	TF	FB	1.00	262.73	7.95	3000
JOHNB	IF/IAF	BSTAF		TF	FB	1.00	181.37	6.88	2800
BSTAF	FAF	RW18	MAP	TF	FO	0.30	181.38	4.67	
RW18	MAP	1446 MSL		CA			181.38		
1446 MSL		BAGVE		DF	FB	1.00			
BAGVE		AFXAD		TF	FB	1.00	224.91	7.00	
AFXAD		TEDDS		TF	FO	1.00	310.36	15.05	4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT BAGVE AND RIGHT TURN ON TRACK 224.91 TO AFXAD AND RIGHT TURN ON TRACK 310.36 TO TEDDS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
18
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD N JOHNB, RT, 181.37 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 181.38 FAF: BSTAF DIST FAF TO MAP: 4.67 DIST FAF TO THLD: 4.67
4. MIN ALT: JOHNB 3000, BSTAF 2800
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT:
6. MIN GP INCPT: 2800 GP ALT AT FAF : BSTAF 2800 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 59.1
8. MSA FROM: RW18 4500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 46°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MGW VOR/DME ON AIRWAY RADIALS 307 CW 048.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 2.21 NM TO RW18*
*LNAV ONLY
WAAS CHANNEL #50412
REFERENCE PATH ID: W18A
CHART FAS OBST: 1579 TREE 394129N/0795518W.
HOLD W, LT, 109.41 INBOUND
LTP HAE: 344.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1400-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	1446	1/2	206	1446	1/2	206	1446	1/2	206	1446	1/2	206			
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	756	2000	1 1/4	756	2160	2 3/4	916	2640	3	1396			



AIRPORTMORGANTOWN MUNI-WALTER L BILL
HART FLDAIRPORT ID

KMGW

PROCEDURE NAME

RNAV (GPS) Z RWY 18

ORIGINAL/AMENDMENT

ORIG-B

CITY

MORGANTOWN

STATE

WV

CHANGES - REASONS

1. ALL REFERENCES TO MGW VORTAC CHANGED TO MGW VOR/DME - TACR PROJECT.
2. RAISED CAT C CIRCLING CMDA/HAA FROM 2000/752 TO 2160/916 AND CAT D FROM 2100/852 TO 2640/1396 - NEW CIRCLING CRITERIA APPLIED AND TO MATCH RNAV (GPS) RWY 36, AMDT 1 CIRCLING.
3. RAISED CAT C CIRCLING VISIBILITY FROM 2 1/4 TO 2 3/4 MILES AND CAT D CIRCLING FROM 2 3/4 TO 3 MILES - NEW CIRCLING CRITERIA APPLIED AND TO MATCH RNAV (GPS) RWY 36, AMDT 1 CIRCLING.
4. ADDED CHART CIRCLING ICON - NEW CIRCLING RADII APPLIED AND TO MATCH RNAV (GPS) RWY 36, AMDT 1 CIRCLING.
5. REMOVED ALL REFERENCE OF BACK-UP ALTIMETER SETTING - LOCAL WEATHER ON ASOS AND TRANSMITTED ON WMSCR.
6. REPLACED CHART NOTE: DME/DME RNP-0.3 NA WITH PBN REQUIREMENTS NOTE: RNP APCH - 8260.19H PARA 8-6-8B(1).
7. INCORPORATED P-NOTAM 5/4618 - 8260.19H PARA 8-4-C(2).
8. REMOVED FAHRENHEIT TEMPS FROM UNCOMPENSATED BARO-VNAV NOTE - NO LONGER REQUIRED.
9. REMOVED PLANVIEW NOTE AT OBEID - AIRWAYS BEING CANCELLED.

THIS DOES NOT QUALIFY AS A PERIODIC REVIEW - TACR PROJECT.

08/08/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 05/21/2019.

1. CHANGED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 46°C." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 46°C."

08/29/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 08/16/2019.

1. CHANGED FIX BAGVE AND AFXAD FROM FO TO FB.

COORDINATED WITH:

~~A4A~~ ☒ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☐ ~~HAI~~ ☐ ~~NBAA~~ ☒ OTHER: ZOB, CKB APP CON, MGW ATCT, ARPT MGR.

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

*Digitally signed by***DONALD H LANIER**

Aug 29, 2019

OFFICE

AJV-A432

DATE

01/03/2019

DEVELOPED BY

WARDELL HENNING (CHARLES THIBODEAUX)

*Digitally signed by***DONALD H LANIER**

Aug 29, 2019

OFFICE

AJV-A430

DATEAPPROVED BY

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Aug 29, 2019

DATETITLE

MANAGER



AIRPORTMORGANTOWN MUNI-WALTER L BILL
HART FLDAIRPORT ID

KMGW

PROCEDURE NAME

RNAV (GPS) Z RWY 18

ORIGINAL/AMENDMENT

ORIG-B

CITY

MORGANTOWN

STATE

WV

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

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	+03768
FPAP ORTHOMETRIC HEIGHT	+03768

QUALITY
18
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u> MORGANTOWN MUNI- WALTER L BILL HART FLD	<u>AIRPORT ID</u> KMGW	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 18	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> MORGANTOWN	<u>STATE</u> WV	<u>AIRPORT ELEVATION</u> 1244	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
MGW VOR/DME

TO
JOHNB

<u>RNP</u>	<u>DISTANCE</u> 17.59	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TREE	393324.64N/0795137.62W		2459	50	20	2C	2000				MT-459	4000
2.TERRAIN	393324.64N/0795137.62W		2359 (2400)								AS1500	3900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM
TEDDS

TO
OBEID

<u>RNP</u>	<u>DISTANCE</u> 15.51	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (54-001167)	393804.16N/0801330.88W		2122	50	20	4D	2000				MT-122	4000
4.TERRAIN	393727.40N/0801359.60W		1718 (1700)								AS1500	3200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FACILITY
RNAV

INTERMEDIATE

FROM
JOHNB (IF/IAF)

TO
BSTAF

RNP	DISTANCE 6.88	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	394730.41N/0800007.33W		1719	50	20	2C	500				AT581	2800
10.TERRAIN	394730.41N/0800007.33W		1519 (1500)								AS1000	2500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LPV

FROM
BSTAF

TO
DA

RNP	DISTANCE 4.67	PAT	MAP DA	HAT 206			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC			MA6	1446

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



AIRPORT

MORGANTOWN MUNI-
WALTER L BILL HART FLD

AIRPORT ID

KMGW

PROCEDURE NAME

RNAV (GPS) Z RWY 18

AMDT NO.

ORIG-B

CITY

MORGANTOWN

STATE

WV

AIRPORT ELEVATION

1244

FACILITY

RNAV

FINAL: LNAV/VNAV

FROM

BSTAF

TO

DA

RNP

DISTANCE

PAT

MAP

HAT

HMAS

4.67

DA

629

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TREE (KMGW0053)	393904.98N/0795520.60W	1317	20	3	1A		PDA			MA302	1869

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

BSTAF

TO

RW18

RNP

DISTANCE

PAT

MAP

HAT

HMAS

4.67

RW18

760

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.TREE	394128.63N/0795518.11W	1579	50	20	2C	250				MA150	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM
JOHNB

TO
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
13.TOWER (42-003492)	395444.29N/0800207.82W		1730	250	50	4D	1000					2800
14.TERRAIN	394730.00N/0800054.00W		1474 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM
DA

TO
TEDDS

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1268					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
21.TANK (54-001198)	393839.78N/0795516.76W		1393	20	3	1A		ASC				4000
16.TOWER (54-000797)	393435.00N/0795226.00W		2409	250	50	4D	1000					3500
17.TERRAIN	393452.36N/0795241.37W		2099 (2100)								AS1500	3600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

TEDDS

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1549					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
15.TOWER (54-000562)	393517.79N/0795227.88W		2290	500	125	4D		ASC			AC50	4000
16.TOWER (54-000797)	393435.00N/0795226.00W		2409	250	50	4D	1000					3500
17.TERRAIN	393452.36N/0795241.37W		2099 (2100)								AS1500	3600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW18

TO

TEDDS

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1900					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
15.TOWER (54-000562)	393517.79N/0795227.88W		2290	500	125	4D		ASC			AC50	4000
16.TOWER (54-000797)	393435.00N/0795226.00W		2409	250	50	4D	1000					3500
17.TERRAIN	393452.36N/0795241.37W		2099 (2100)								AS1500	3600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



AIRPORT

MORGANTOWN MUNI-
WALTER L BILL HART FLD

AIRPORT ID

KMGW

PROCEDURE NAME

RNAV (GPS) Z RWY 18

AMDT NO.

ORIG-B

CITY

MORGANTOWN

STATE

WV

AIRPORT ELEVATION

1244

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
18.TOWER (54-025202)	393808.82N/0795634.99W	1.31	756	1499	50	20	2C	300		SI	2000
CATEGORY B											
18.TOWER (54-025202)	393808.82N/0795634.99W	1.85	756	1499	50	20	2C	300		SI	2000
CATEGORY C											
19.TREE (54-047749)	393631.37N/0795217.87W	2.91	916	1859	20	10	1B	300			2160
CATEGORY D											
20.AAO	393634.26N/0795031.07W	3.84	1396	2340	50	20	2C	300			2640

CIRCLING REMARKS:

MSA

CENTER

RW18

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	200' AAO		145	24.4	3458	164	98	4E	1000			4500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TREE HEIGHT 100' PER EST FPT.

PER ATC TAA NOT DEVELOPED.

QUALITY
18
CHECKED

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Electronic Version

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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
CKB APP CON, MGW TOWER, ZDC ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KMGW	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMGW	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KCKB	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCKB	<u>DISTANCE</u> 25.25	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 61

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME KMGW 1244, KCKB 1224 RA = 60.90

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW18 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-G	
RW36 - HIRL (PCL), REIL (PCL), VASI-4L (PCL)		PIR-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1236.1	<u>TCH</u> 59.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 60.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -17C	<u>CRITICAL HIGH</u> +46C	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION. CRITICAL LOW TEMPERATURE BASED ON ACT.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> MORGANTOWN MUNI- WALTER L BILL HART FLD	<u>AIRPORT ID</u> KMGW	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 18	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> MORGANTOWN	<u>STATE</u> WV	<u>AIRPORT ELEVATION</u> 1244	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.67
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.85
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	172.38
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1479
DISTANCE FROM	THLD	TO 1500FT POINT	5.07
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	2.15
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	172.38
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1519
THRESHOLD COORDINATES (IF STR-IN)	393902.41N/0795507.57W		
ARP COORDINATES	393836.94N/0795503.17W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 18 DISTANCE 0.48 NM		
FAF COORDINATES	394340.10N/0795555.62W		
FIX NAME COORDINATES			
REMARKS			

QUALITY
18
CHECKED

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