US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MGW VORTAC	JITUK (FO)	227.02 / 35.15	4000
EKN VORTAC (IAF)	JITUK (NOPT) (FB)	323.45 / 15.64	3900
BENZO (IAF)	JITUK (NOPT) (FB)	096.53 / 9.33	3900
JITUK (IF/IAF)	OPEXE (FB)	030.75 / 3.30	3400
OPEXE	NULNE (FB)	030.77 / 2.81	3200
NULNE (FAF)	ZODPA/2.70 NM TO RW03 (FB)	030.79 / 3.50	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW03

CLIMB TO 3800 DIRECT FONTZ AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 210.90 INBOUND.
CHART FAS OBST: 1536 TREE 391520N/0801516W
CHART VDP AT 1.80 MILES TO RW03.
NULNE TO RW03: 3.00/44

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW JITUK, RT, 030.75 INBOUND, 3900 FT. IN LIEU OF PT (IAF)
3. FAC: 030.79 FAF: NULNE DIST FAF TO MAP: 6.20 THLD: 6.20
4. MIN. ALT: JITUK 3900, OPEXE 3400, NULNE 3200, ZODPA/2.70 NM TO RW03 2080
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW03 4700

MAG VAR: 8W EPOCH YEAR: 1995

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
LNAV MDA	1800	5500	617	1800	5500	617	1800	1 3/4	617	1800	1 3/4	617			
CIRCLING	1940	1	716	1940	1	716	1940	2	716	2060	2 3/4	836			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BENZO ON V35 SOUTHWEST BOUND.
CHART NOTE: VDP NA WITH MORGANTOWN ALTIMETER SETTING.
(SEE FORM 8260-10)

@ CAT D 900-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1224 THRE: 1183 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CLARKSBURG, WV	NORTH CENTRAL WEST VIRGINIA	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG
				DATED 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		CONCURRENT

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X		X	X	X EASTERN FPO, ZOB, CKB APCH, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: MICHAEL CURRAN	FIFO AJV-352	DATE: 12/29/2011

APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. FEEDER ROUTE COURSE CHANGED FROM 227.07 TO 227.02, DISTANCE FROM 35.06 TO 35.15 NM.
2. INITIAL ROUTE (EKN) COURSE CHANGED FROM 323.76 TO 323.45, DISTANCE FROM 15.68 TO 15.64 NM.
3. INITIAL ROUTE (BENZO) COURSE CHANGED FROM 096.99 TO 096.53, DISTANCE FROM 9.65 TO 9.33 NM.
4. INTERMEDIATE SEGMENT DISTANCE, JITUK TO OPEXE CHANGED FROM 3.21 TO 3.30 NM, COURSE FROM OPEXE TO NULNE CHANGED FROM 030.78 TO 030.77.
5. ADDED STEPDOWN (ZODPA) SEGMENT IN FINAL.
6. CHANGED BACK-UP ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER NOT RECEIVED, USE MORGANTOWN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LNAV CATS C AND D AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
7. ADDED VDP AND THE FOLLOWING NOTE: VDP NA WITH MORGANTOWN ALTIMETER SETTING.
8. INCREASED LNAV CATS A/B VISIBILITY FROM 5000 TO 5500 AND LOWERED CAT D VISIBILITY FROM 2 TO 1/3/4.
9. INCREASED CIRCLING CATS A/B/C FROM 1920 TO 1940.
10. CHANGED TCH FROM 50 FEET TO 44 FEET TO MATCH VGSI TCH AND REMOVED NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
11. CHANGED ARRIVAL NA NOTE RADIALS AT MGW VORTAC FROM 231 CW 279 TO 201 CW 307.
12. CHANGED ARRIVAL NA NOTE RADIALS AT EKN VORTAC FROM 272 CW 346 TO 254 CW 346.
13. ADDED ARRIVAL NA NOTE AT BENZO: PROCEDURE NA FOR ARRIVALS AT BENZO ON V35 SOUTHWEST BOUND.

REASONS:

1, 3, 4. NEW AIRPORT SURVEY AND DISPLACED THRESHOLD.
2. FIX BENZO MOVED TO AIRWAY CENTERLINE.
5. TO MAINTAIN CURRENTLY PUBLISHED MDA.
6,8. NEW 8260-3 VISIBILITY REQUIREMENTS AND NEW OBSTACLE SURVEY.
7. NEW OBSTACLE SURVEY REMOVED 20:1 VISUAL SURFACE PENETRATION AND NOTE PER 8260.19, PARA 855E(9).
9. NEW CONTROLLING OBSTACLE.
10. PER 8260.19, PARA 855N.
11, 12, 13. UPDATED PER 8260.54 AND 8260.19, PARA 805G(2).

EFFECTIVE CONCURRENT WITH: RNAV (GPS) RWY 21, AMDT 1

PDF EDITS

1. Added "(FAF)" to terminal routes "FROM" column, line 6 (8260-3).
2. Deleted "2080" from terminal routes altitude column, line 6 (8260-3).
3. Added "030.81" to terminal routes course/distance column, line 8 (8260-10).
4. changed altitude from 1624 to 3800 in terminal routes altitude column, line 9 (8260-10).
5. ARINC "segments" - removed "020" from missed approach holding RNP column.
6. Flight inspection summary - removed "2.0" from missed approach holding RNP column.
7. changed course from NULNE to ZODPA to 030.79 in terminal routes, line 6 (8260-3).

QUALITY CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZODPA/2.70 NM TO RW03	RW03 (MAP) (FO)	030.81 / 2.70	
RW03 (MAP)	1624 MSL	030.81	
1624 MSL	FONTZ (FO)		3800

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE MORGANTOWN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LNAV CATS C AND D AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MGW VORTAC AIRWAY RADIALS 201 CW 307 AND ON EKN VORTAC AIRWAY RADIALS 254 CW 346.
CHART NOTE: VDP NA WITH MORGANTOWN ALTIMETER SETTING.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1224 THRE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLARKSBURG, WV	AIRPORT NAME: NORTH CENTRAL WEST VIRGINIA	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG
				DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

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 PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        EKN   K6011420VTLA N38545197W080055738    N38545197W080055738W0070021601     NARELKINS
        SUSAD        MGW   K6011160VTL  N39332410W079513742    N39332410W079513742W0050023391     NARMORGANTOWN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BENZO K60    C   L N39054677W080320163                    W0085     NAR           BENZO
        SUSAEAENRT   FONTZ K60    C     N39293763W080071541                    W0089     NAR           FONTZ
        SUSAEAENRT   JITUK K60    W     N39060056W080200303                    W0087     NAR           JITUK
        SUSAEAENRT   NULNE K60    W     N39113912W080170051                    W0087     NAR           NULNE
        SUSAEAENRT   OPEXE K60    W     N39090329W080182459                    W0087     NAR           OPEXE
        SUSAEAENRT   ZODPA K60    W     N39145267W080151594                    W0088     NAR           ZODPA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCKBK6ACKB     0     078YHN39175160W080133910W008001224         1800018000C    MNAR    NORTH CENTRAL WEST VIRGINIA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCKBK6FR03   ABENZO 010BENZOK6EA0E  A    IF                                                18000                B JS
        SUSAP KCKBK6FR03   ABENZO 020JITUKK6EA0EE B 010TF                    09650093    + 03900                            B JS
        SUSAP KCKBK6FR03   AEKN   010EKN  K6D 0V  A    IF                                                18000                B JS
        SUSAP KCKBK6FR03   AEKN   020JITUKK6EA0EE B 010TF                    32350156    + 03900                            B JS
        SUSAP KCKBK6FR03   AMGW   010MGW  K6D 0V       IF                                                18000                B JS
        SUSAP KCKBK6FR03   AMGW   020JITUKK6EA0EY   020TF                    22700352    + 04000                            B JS
        SUSAP KCKBK6FR03   AMGW   030JITUKK6EA0EE AR   HF                    03080040    + 03900                            B JS
        SUSAP KCKBK6FR03   R      010JITUKK6EA0E  I    IF                                + 03900     18000                  B JS
        SUSAP KCKBK6FR03   R      011OPEXEK6EA0E S  051TF                    03080033    + 03400                            B JS
        SUSAP KCKBK6FR03   R      020NULNEK6EA1E  F 051TF                    03080028    + 03200                  RW03  K6PGB JS
        SUSAP KCKBK6FR03   R      020NULNEK6EA2WN          N          ALNAV                                                    JS
        SUSAP KCKBK6FR03   R      021ZODPAK6EA0E S  031TF                    03080035    V 0208002087        -300          B JS
        SUSAP KCKBK6FR03   R      030RW03 K6PG0GY M 031TF                    03080027      01227             -300          B JS
        SUSAP KCKBK6FR03   R      040          0  M     CA                    0308        + 01624                            B JS
        SUSAP KCKBK6FR03   R      050FONTZK6EA0EY      DF                                + 03800                            B JS
        SUSAP KCKBK6FR03   R      060FONTZK6EA0EE  R   HM                    21090040    + 03800                            B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 1224 THRE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLARKSBURG, WV	AIRPORT NAME: NORTH CENTRAL WEST VIRGINIA	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG
				DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
SUSAP KCKBK6GRW03    0078010308 N39172213W080135506+0500     +0328201183067044150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCKBK6SRW03 K6PG               0   18018004725                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1224 THRE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLARKSBURG, WV	AIRPORT NAME: NORTH CENTRAL WEST VIRGINIA	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG
				DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BENZO	BENZO	010	IAF	IF		FB					
	BENZO	JITUK	020		TF		FB	1.0	096.5(088.5T)	009.3	AA 03900	
	EKN	EKN	010	IAF	IF		FB					
	EKN	JITUK	020		TF		FB	1.0	323.5(315.5T)	015.6	AA 03900	
	MGW	MGW	010		IF		FB					
	MGW	JITUK	020		TF		FO	2.0	227.0(219.0T)	035.2	AA 04000	
	MGW	JITUK	030	IAF	HF	R	FO		030.8(022.8T)	004.0	AA 03900	
		JITUK	010	FACF	IF		FB				AA 03900	
		OPEXE	011	SDF	TF		FB	0.5	030.8(022.8T)	003.3	AA 03400	
		NULNE	020	FAF	TF		FB	0.5	030.8(022.8T)	002.8	AA 03200	
		ZODPA	021	SDF	TF		FB	0.3	030.8(022.8T)	003.5	AA 02080 GS 02087	
		RW03	030	MAP	TF		FO	0.3	030.8(022.8T)	002.7	AT 01227	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		030.8(022.8T)		AA 01624	
	FONTZ	050		DF		FO				AA 03800	
	FONTZ	060		HM	R	FO		210.9(202.9T)	004.0	AA 03800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EKN	N385451.97	W0800557.38	N3854.866	W08005.956
	MGW	N393324.10	W0795137.42	N3933.402	W07951.624
	BENZO	N390546.77	W0803201.63	N3905.780	W08032.027
	FONTZ	N392937.63	W0800715.41	N3929.627	W08007.257
	JITUK	N390600.56	W0802003.03	N3906.009	W08020.051
	NULNE	N391139.12	W0801700.51	N3911.652	W08017.009
	OPEXE	N390903.29	W0801824.59	N3909.055	W08018.410
	ZODPA	N391452.67	W0801515.94	N3914.878	W08015.266
	RW03	N391722.13	W0801355.06	N3917.369	W08013.918

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	01183	44

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1224 THRE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLARKSBURG, WV	AIRPORT NAME: **NORTH CENTRAL WEST VIRGINIA**	**RNAV**	**RNAV (GPS) RWY 3, AMDT 1**	AMDT: **ORIG**
				DATED: **08/27/2009**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	MGW VORTAC	JITUK	1. TERRAIN & TREE	393324.00N/0795139.00W	2430 (4E)	2000	MT-430	4000
			2. TERRAIN	393324.00N/0795139.00W	2330 (2300)		AS1500	3800
INITIAL	EKN VORTAC	JITUK	3. AAO	385530.00N/0800409.00W	2504 (4E)	1000	AT396	3900
			4. TERRAIN	385627.00N/0800424.00W	2218 (2200)		AC1500	3700
INITIAL	BENZO	JITUK	5. TOWER (54-000030)	390427.00N/0802527.00W	2159 (4D)	1000	AT741	3900
			6. TERRAIN	390427.00N/0802527.00W	1650 (1700)		AS1500	3200
INTERMEDIATE	JITUK (IF/IAF)	OPEXE	7. TOWER (54-001168)	390800.05N/0802110.41W	2016 (2C)	500	AT884	3400
			8. TERRAIN	390712.00N/0801803.00W	1661 (1700)		AS1500	3200
INTERMEDIATE:	OPEXE	NULNE	9. AAO	390936.00N/0801824.00W	1765 (4E)	500	AC98 AT837	3200
STEPDOWN			10. TERRAIN	390936.00N/0801824.00W	1565 (1600)		AS1500	3100
FINAL: LNAV	NULNE	ZODPA/2.70 NM TO RW03	11. TOWER (54-001055)	391204.84N/0801813.17W	1751 (2C)	250	RA62 XL10	2080
FINAL: LNAV STEPDOWN	ZODPA/2.70 NM TO RW03	RW03	12. TREE (KCKB0100)	391519.98N/0801515.87W	1536 (2C)	250		1800
2. HOLD-IN-LIEU-OF-PT	JITUK	P-5	5. TOWER (54-000030)	390427.00N/0802527.00W	2159 (4D)	1000	AT741	3900
			13. TERRAIN	390142.00N/0801850.00W	1860 (1900)		AS1500	3400
3. MISSED APPROACH MAP:	RW03	FONTZ				ASC		3800
			14. TOWER (54-000556)	392247.31N/0801119.29W	1717 (5E)	1000		2800
ELEV:	1700		15. TERRAIN	392312.00N/0800818.00W	1516 (1500)		AS1500	3000
			16. TWR (KCKBT0296)	391911.59N/0801355.54W	1629 (2C)	300		1940
			16. TWR (KCKBT0296)	391911.59N/0801355.54W	1629 (2C)	300		1940
			16. TWR (KCKBT0296)	391911.59N/0801355.54W	1629 (2C)	300		1940
			17. TOWER (54-001185)	392011.10N/0801423.00W	1745 (2C)	300		2060

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	716
CATEGORY B	1.5 NM	450	716
CATEGORY C	1.7 NM	450	716
CATEGORY D	2.3 NM	550	836
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW03

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	158/ 28.3	3635 (4E)	4700					

CITY AND STATE	ELEVATION: 1224 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CLARKSBURG, WV	NORTH CENTRAL WEST VIRGINIA	RNAV	RNAV (GPS) RWY 3, AMDT 1	AEA

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
CKB TOWER ZOB ARTCC CKB APP CON		N W S	OTHER: ASOS	SOURCE: KCKB / KMGW
		F A A		DISTANCE: 0 / 25.25
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION: 24 / BACKUP
X V H F X U H F H F	LOCATION:			ADJUSTMENT: 0 / 62

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
X	MALSR 21 (PCL)
X	HIRL 21 (PCL), 03 (PCL)
	MIRL
X	REIL 03
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 21, 03

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 21, 03
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	21, 03
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING			
	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: **NONE**

PART D - PREPARED BY: MICHAEL CURRAN	DATE: 12/29/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KCKB ASOS ON SERVICE A.
KMGW ASOS ON SERVICE A, HOURS OF REMOTE OPERATION: 24

VGSI: 3.00 /TCH 43.6

RASS PRESSURE PATTERNS SAME
KCKB 1223.5, KMGW 1247.6
RA = 61.45.
SEE ATTACHED AIRSPACE LETTER.

100' VEGETATION AND 200' AAO USED PER FPO.

TAA NA AT REQUEST OF ZOB.

LPV & LNAV/VNAV PROCEDURES NOT DEVELOPED BECAUSE OF SURVEY REQUIREMENTS.
LP NOT DEVELOPED - NO IMPROVEMENT IN MDA.

RWY 3 DISPLACED THRESHOLD 670 FEET.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS

34:1
1403 TREE (KCKBT0059) 391610.88N-0801417.83W (9.91)
1411 TREE (KCKBT0058) 391612.24N-0801417.66W (21.79)
1400 TREE (KCKBT0054) 391616.33N-0801419.82W (20.07)
1463 TREE (KCKBT0053) 391616.63N-0801416.99W (86.43)
1444 TREE (KCKBT0052) 391616.19N-0801415.20W (67.83)
1379 TREE (KCKBT0051) 391618.17N-0801419.65W (4.27)
1402 TREE (KCKBT0049) 391618.95N-0801417.79W (31.07)
1433 TREE (KCKBT0048) 391619.62N-0801415.17W (66.26)
1393 TREE (KCKBT0046) 391621.93N-0801416.02W (31.83)
1375 TREE (KCKBT0045) 391622.89N-0801414.71W (17.64)
1375 TREE (KCKBT0044) 391623.79N-0801417.35W (17.74)
1359 TREE (KCKBT0042) 391624.53N-0801414.93W (5.94)
1359 TREE (KCKBT0041) 391625.35N-0801416.90W (6.42)
1363 TREE (KCKBT0038) 391631.70N-0801435.70W (10.98)
1352 TREE (KCKBT0036) 391627.34N-0801420.01W (2.09)
1352 TREE (KCKBT0034) 391626.91N-0801417.35W (2.29)
1352 TREE (KCKBT0033) 391628.19N-0801421.26W (3.30)
1360 TREE (KCKBT0032) 391628.39N-0801419.78W (13.17)
1358 TREE (KCKBT0029) 391630.10N-0801421.65W (14.19)
1346 TREE (KCKBT0028) 391629.80N-0801419.40W (3.38)
1350 TREE (KCKBT0026) 391633.75N-0801430.42W (8.33)
1396 TREE (KCKBT0024) 391635.47N-0801432.02W (57.61)
1342 TREE (KCKBT0023) 391636.51N-0801429.44W (8.78)
1334 TREE (KCKBT0022) 391636.87N-0801426.92W (4.02)
1362 TREE (KCKBT0021) 391638.57N-0801428.81W (34.99)
1341 TREE (KCKBT0018) 391640.07N-0801426.89W (19.83)
1345 TREE (KCKBT0017) 391641.10N-0801428.45W (25.25)
1322 TREE (KCKBT0016) 391639.86N-0801424.65W (2.26)
1413 TREE (KCKB0020) 391615.10N-0801418.78W (30.63)
1416 TREE (KCKB0018) 391638.02N-0801432.47W (84.20)
1339 TREE (KCKB0017) 391640.17N-0801426.87W (18.12)
1226 TREE (KCKB0016) 391708.78N-0801354.93W (12.20)
FPT NOTIFIED ON 01/06/2012.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BENZO **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 390546.77N/0803201.63W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ELKINS	EKN	VORTAC	L	305.35	298.35		23.06		4000	17500
2	CLARKSBURG	CKB	VOR/DME	L	236.92	232.92	15.57	15.57		3200	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
CLARKSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V35	1, 2				(US)
EN ROUTE	V38	1, 2				(US)
IAP	RNAV (GPS) RWY 3			KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 8			K79D	PHILIPPI	WV (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES TO PLACE ON AIRWAY CENTERLINE. FIX MOVED 0.33 NM.
CHANGED FAC 1 DIST FROM FAC FROM 23.39 TO 23.06 NM.
CHANGED FAC 2 TRUE BEARING FROM 234 TO 232.92 AND DME AND DIST FROM FAC FROM 15.71 TO 15.57NM.
LOWERED FAC 1 MRA FROM 5000 TO 4000 TO MATCH V38 MEA.
ADDED REMARK: CLARKSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/28/2011 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: CKB
OTHER: ZDC, ZOB

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FONTZ **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 392937.63N/0800715.41W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CLARKSBURG	I-CKB	LOC		030.83	022.83		13.46		3800	5600
2	MORGANTOWN	MGW	VORTAC	L	257.77	252.77	12.67	12.67		3800	5600
3	ELKINS	EKN	VORTAC	L	005.34	358.34	34.74	34.74		3800	5600
4	CLARKSBURG	CKB	VOR/DME	L	029.31	025.31	15.96	15.96		3800	5600

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	I-CKB	LOC	030.83	210.83	R	1		3800	5600	5	6
2	NE		WP	030.90	210.90	R		4	3800	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (54-000721)	393149.83N/0800133.32W	1850	2C
2	200	TOWER (54-000721)	393149.83N/0800133.32W	1850	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:
CLARKSBURG (FAC 1) AND MORGANTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 21	1, 2, 4	1	KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 21		2	KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 3		2	KCKB	CLARKSBURG	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
MOVED FIX 11.7 FEET NW FOR NEW AIRPORT/NAVAID SURVEYS.
FAC 1 TRUE BEARING CHANGED FROM 022.84 TO 022.83.
FAC 2 TRUE BEARING CHANGED FROM 252.76 TO 252.77.
FAC 4 TRUE BEARING CHANGED FROM 025.32 TO 025.31.
CHANGED PAT 1 CRS INBOUND FROM 210.84 TO 210.83 AND PAT 2 FROM 210.91 TO 210.90.
CHANGED PAT 1 MIN TEMPLATE FROM 4 TO 5 AND MAX TEMPLATE FROM 5 TO 6.
ADDED REMARK: CLARKSBURG (FAC 1) AND MORGANTOWN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZOB
ATC FACILITY: CKB APP CON
OTHER: CKB TOWER

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JITUK **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 390600.56N/0802003.03W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW		WP	210.75	030.75	R		4	3900	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (54-000030)	390427.00N/0802527.00W	2159	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 21		1	KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 3		1	KCKB	CLARKSBURG	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
CHANGED FIX COORDINATES. FIX MOVED 551 FEET SW.
DELETED FAC 1 - KCKB R21.
MOVED REMARK - HOLDING LIMITED TO ESTABLISHED PATTERN - TO HOLDING RESTRICTION BLOCK.
ADDED REMARK - PRECIPITOUS TERRAIN EVALUATION COMPLETED.

DEVELOPED BY: **DATE:** 12/27/2011 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY: CKB APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NULNE **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 391139.12N/0801700.51W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
L-V PFAF FORMULA USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 3			KCKB	CLARKSBURG	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
CHANGED FIX COORDINATES. FIX MOVED 71 FEET.
DELETED FAC 1.
DELETED REMARK: RNP PFAF FORMULA USED TO ESTABLISH FIX COORDINATES.
ADDED REMARK: L-V PFAF FORMULA USED TO ESTABLISH FIX COORDINATES.

DEVELOPED BY: **DATE:** 12/28/2011 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZOB, ZDC
ATC FACILITY: CKB APP CON
OTHER: EKN FSS

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OPEXE **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 390903.29N/0801824.59W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 3			KCKB	CLARKSBURG	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
CHANGED FIX COORDINATES. FIX MOVED 10 FEET ESE.
DELETED FAC 1.

DEVELOPED BY: **DATE:** 12/28/2011 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY: CKB
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZODPA **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 391452.67N/0801515.94W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 3			KCKB	CLARKSBURG	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 12/29/2011 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY: CKB
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: ELKINS VORTAC **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 385451.97N/0800557.38W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ELKINS	EKN	VORTAC	L							26000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	EKN	VORTAC	271.53	091.53	R	1		5000	14000	5	10
2	S	EKN	VORTAC	202.08	022.08	R	1-1 1/2		6000	26000	7	20
3	SE	EKN	VORTAC	129.19	309.19	R	1		5400	14000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	385112.00N/0803000.00W	3052	4E
1	230	AAO	384827.00N/0800518.00W	3186	4E
2	230	AAO	384214.90N/0800701.30W	3880	4E
2	265	AAO	383633.00N/0801047.60W	4260	4E
3	200	AAO	385011.80N/0795619.20W	3860	4E
3	230	AAO	385011.80N/0795619.20W	3860	4E
3	310	AAO	384345.00N/0794706.00W	4275	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	VOR-A	KW22	BUCKHANNON	WV (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
EN ROUTE	V103					(US)
EN ROUTE	V174					(US)
EN ROUTE	V286					(US)
EN ROUTE	V37		2			(US)
EN ROUTE	V38					(US)
EN ROUTE	V4					(US)
EN ROUTE	V469					(US)
IAP	RNAV (GPS) RWY 11			KW22	BUCKHANNON	WV (US)
IAP	VOR-A		3	KW22	BUCKHANNON	WV (US)
IAP	ILS OR LOC RWY 21			KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 21			KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 3			KCKB	CLARKSBURG	WV (US)
IAP	LDA-C		1	KEKN	ELKINS	WV (US)
IAP	RNAV (GPS) RWY 14			KEKN	ELKINS	WV (US)
IAP	RNAV (GPS)-A			KEKN	ELKINS	WV (US)
IAP	RNAV (GPS) RWY 08			K79D	PHILIPPI	WV (US)
OTHER	TAKEOFF MINIMUMS			KEKN	ELKINS	WV (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 10/22/2009

REASON FOR REVISION:
UPDATED FIX USE.
UPDATED HOLDING RESTRICTIONS AND REMARKS.
ADDED DP TO REQUIRED CHARTING.
ADDED CONTROLLING OBSTRUCTIONS FOR PAT 1 230K, PAT 2 265K AND PAT 3 230K.

DEVELOPED BY: **DATE:** 05/22/2009 **OFFICE:** AVN-101 **NAME:** EUGENE NEWTON (DAVID JENNER)

APPROVED BY: **DATE:** 10/22/2009 **OFFICE:** AVN-110 **NAME:** GLENN WEEKS

QUALITY CHECKED

INFO ONLY

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: CKB
OTHER: ZOB, ZID, ARPT MGR

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: MORGANTOWN VORTAC **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 393324.10N/0795137.42W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MORGANTOWN	MGW	VORTAC	L							45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	MGW	VORTAC	307.25	127.25	L	1 1/2		18000	45000	16	29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	AAO	393008.50N/0793151.30W	3349	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 AIR TRAFFIC REQUEST.

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4600.

REMARKS:
CHART PAT #1 ON ENROUTE HIGH AND CONTROLLER CHARTS.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALLEGHENY			KAGC	PITTSBURGH	PA (US)
DP	PITTSBURG			KPIT	PITTSBURGH	PA (US)
DP	TAKEOFF MINIMUMS			KMGW	MORGANTOWN	WV (US)
EN ROUTE	J162		1			(US)
EN ROUTE	V144					(US)
EN ROUTE	V35					(US)
EN ROUTE	V44					(US)
EN ROUTE	V469					(US)
EN ROUTE	V75					(US)
IAP	LOC RWY 5			KVVS	CONNELLSVILLE	PA (US)
IAP	RNAV (GPS) RWY 14			KVVS	CONNELLSVILLE	PA (US)
IAP	RNAV (GPS) RWY 5			KVVS	CONNELLSVILLE	PA (US)
IAP	ILS OR LOC RWY 21			KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 21			KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 3			KCKB	CLARKSBURG	WV (US)
IAP	RNAV (GPS) RWY 22			K4G7	FAIRMONT	WV (US)
IAP	VOR/DME-A			K4G7	FAIRMONT	WV (US)
IAP	ILS OR LOC RWY 18			KMGW	MORGANTOWN	WV (US)
IAP	RNAV (GPS) Y RWY 18			KMGW	MORGANTOWN	WV (US)
IAP	RNAV (GPS) Z RWY 18			KMGW	MORGANTOWN	WV (US)
IAP	VOR-A			KMGW	MORGANTOWN	WV (US)
STAR	GIBBZ (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	ROYIL			KIAD	WASHINGTON	DC (US)
STAR	SHNON			KIAD	WASHINGTON	DC (US)
STAR	WESTMINSTER			KBWI	BALTIMORE	MD (US)
STAR	BREMN			KCMH	COLUMBUS	OH (US)
STAR	BREMN			KLCK	COLUMBUS	OH (US)
STAR	BREMN			KOSU	COLUMBUS	OH (US)
STAR	BREMN			KTZR	COLUMBUS	OH (US)
STAR	DEMME (RNAV)			KPIT	PITTSBURGH	PA (US)
STAR	NESTO			KPIT	PITTSBURGH	PA (US)
STAR	DEMME (RNAV)			KAFJ	WASHINGTON	PA (US)
STAR	GIBBZ (RNAV)			KJYO	LEESBURG	VA (US)
STAR	GIBBZ (RNAV)			KHEF	MANASSAS	VA (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 10/22/2009

REASON FOR REVISION:
UPDATED FIX USE.
PRECIPITOUS TERRAIN EVAL COMPLETED AND ANNOTATED IN REMARKS.
ADDED PAT 1 HOLDING MINIMUM TEMPLATE SIZE.

QUALITY CHECKED

INFO ONLY

DEVELOPED BY:	**DATE:** 05/26/2009	**OFFICE:** AVN-101	**NAME:** EUGENE NEWTON (DAVID JENNER)
APPROVED BY:	**DATE:** 10/22/2009	**OFFICE:** AVN-110	**NAME:** GLENN WEEKS
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZOB
ATC FACILITY: CKB
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **CLARKSBURG** STATE: **WV**

AIRPORT NAME: **NORTH CENTRAL WEST VIRGINIA** ID: **KCKB**

PROCEDURE: **RNAV (GPS) RWY 3** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.85**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **022.79**
4. High Terrain in **FINAL** segment containing 1000' point **1496**
5. Distance from **THLD** to 1500' point **5.78**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.76**
7. True Course of **FINAL** segment containing 1500' point **022.79**
8. High Terrain in **FINAL** segment containing 1500' point **1496**
9. Threshold Coordinates (if straight-in) ... **391722.13N** / **0801355.06W**
10. ARP Coordinates ..... **391751.60N** / **0801339.10W**
11. Runway Approach End and distance furthest from ARP ..... RWY **3**
    Distance **0.64** NM
12. FAF Coordinates ..... **391139.12N** / **0801700.51W**

REMARKS: Approach/Drawing attached.