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
BINNS	UNYTS (FO)	264.88 / 5.70	3000
HYPER	UNYTS (FO)	055.69 / 6.30	3000
UNYTS (IF/IAF)	NISPL (FB)	158.94 / 6.86	1900
NISPL (FAF)	RW16 (MAP) (FO)	159.00 / 3.35	
RW16 (MAP)	2200 MSL	159.00	2200
2200 MSL	NABIC (FB)		2200
NABIC	FIGID (FO)	070.00 / 6.50	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 2200 DIRECT NABIC THEN CLIMBING LEFT TURN TO 3000 ON TRACK 070.00 TO FIGID AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N UNYTS, RT, 158.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 159.00 FAF: NISPL DIST FAF TO MAP: 3.35 THLD: 3.35
4. MIN. ALT: UNYTS 3000, NISPL 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: NISPL 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW16 3400

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 250.08 INBOUND.
CHART FAS OBST: 1019 TREE 393628N/0770113W
DISTANCE TO THLD FROM 292 HATH: 0.77 NM.
WAAS CHANNEL # 65607
REFERENCE PATH ID: W16A
LTP HAE: 208.2 M

MAG VAR: 11W 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
LPV DA	1081	1	292	1081	1	292	1081	1	292		NA				
LNAV/VNAV DA	1189	1 3/8	400	1189	1 3/8	400	1189	1 3/8	400		NA				
LNAV MDA	1280	1	491	1280	1	491	1280	1 3/8	491		NA				
CIRCLING	1320	1	531	1320	1	531	1320	1 1/2	531		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING FREDERICK ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FREDERICK ALTIMETER SETTING AND INCREASE ALL DA 116 FEET AND ALL MDA 120 FEET; INCREASE LPV ALL CATS AND LNAV CAT C VISIBILITY (SEE FORM 8260-10)

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 789 THRE: 789 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WESTMINSTER, MD	CARROLL COUNTY RGNL/JACK B POAGE FIELD	RNAV	RNAV (GPS) RWY 16, AMDT 2	AMDT: 1
				DATED 08/30/2007

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[ ]	[ ]	[X]	[X]	[X] **ZDC, POTOMAC APP TRACON, ARPT MGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DONALD E. SMITH (ERIC VALDEZ)	**AJV-352**	**08/11/2011**

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	**MANAGER**	**AJV-352**	

CHANGES:

1. ADDED LNAV/VNAV LINE OF MINIMUM WITH ASSOCIATED NOTES.
2. TERMINAL ROUTES UNYTS-NISPL CHANGED FORM 158.95/6.88 TO 158.94/6.86.
3. NISPL (FAF) MOVED 101.5 FEET TO THE L-V PFAF LOCATION.
4. FAC CHANGED FROM 158.99 TO 159.00.
5. DIST FROM MAP TO FAF/THLD CHANGED FROM 3.33 TO 3.35.
6. MISSED APPROACHED MOVED FROM WEST TO EAST : INSTRUCTIONS CHANGED FROM " CLIMB TO 2200 DIRECT TEMRE THEN CLIMBING RIGHT TURN TO 3000 VIA 278.53 TRACK TO BIRLN AND HOLD" TO "CLIMB TO 2200 DIRECT NADIC THEN CLIMBING RIGHT TURN TO 3000 ON TRACK 070 DIRECT FIGID AND HOLD".
7. LOWERED LPV DA/HATH/VIS FROM 1130/341/1 1/4 TO 1081/292/1.
8. RAISED LNAV MDA/HAA FROM 1240/451 TO 1280/491.
9. RAISED LNAV CAT C VIS FROM 1 1/4 TO 1 3/8.
10. LOWERED CIRCLING CATS A/B FROM 1 1/4 TO 1.
11. ADDED BACK UP ALTIMETER KFDK AND NOTE.
12. ADDED NOTE: VISIBILITY REDUCTION BY HELOCOPTERS NA.
13. ADDED NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT.
SEE 8260-10

REASONS:

1. FPT REQUEST.
2,3,4,5. 8260.54A, CHAP 2,SEC 3, 2.13.
6. ATC REQUEST.
7,8, 9, 10. IAPA EVALUATION, WITH CONCURENCE FROM THE OE TEAM.
11. 8260.19D, PARA 854, I,1,A,1.
12. 8260.19D, PARA 854, I, 4.
13. 8260.19D, PARA 854, M, 2,H.
14. AVNIS RECORD.
15. 8260, PARA 274.

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NOTES, (CONT.):
3/8 MILE, AND LNAV/VNAV ALL CATS VISIBILITY TO 1 3/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BINNS ON V265 NORTHBOUND.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 789 THRE: 789	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WESTMINSTER, MD	AIRPORT NAME: CARROLL COUNTY RGNL/JACK B POAGE FIELD	RNAV	RNAV (GPS) RWY 16, AMDT 2	AMDT: 1
				DATED: 08/30/2007

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

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:

CHANGES CONT.

14. TCH CHANGED FROM 40 TO 45. 15. RAISED CIRCLING MDA/HAA FROM 1300/511 TO 1320/531.

REASONS:

QUALITY CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDMW
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	393651.1750N
LTP/FTP LONGITUDE	0770044.8215W
LTP/FTP ELLIPSOIDAL HEIGHT	+02082
FPAP LATITUDE	393535.5300N
FPAP LONGITUDE	0765943.7700W
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	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0F593470

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02405
FPAP ORTHOMETRIC HEIGHT	+02405

QUALITY 2 CHECKED

CITY AND STATE				
WESTMINSTER, MD	ELEVATION: 789 THRE: 789 AIRPORT NAME: CARROLL COUNTY RGNL/JACK B POAGE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 2	SUP: AMDT: 1 DATED: 08/30/2007

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

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 2 CHECKED

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BINNS K60    C   L N39470622W077003958                    W0110     NAR           BINNS
        SUSAEAENRT   FIGID K60    W     N39345610W076491782                    W0111     NAR           FIGID
        SUSAEAENRT   HYPER K60    C   B N39410216W077133034                    W0109     NAR           HYPER
        SUSAEAENRT   NABIC K60    W     N39313529W076563020                    W0110     NAR           NABIC
        SUSAEAENRT   NISPL K60    W     N39394163W077030253                    W0110     NAR           NISPL
        SUSAEAENRT   UNYTS K60    W     N39453102W077074553                    W0110     NAR           UNYTS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDMWK6ADMW     0     051YHN39362980W077002760W011000789         1800018000C    MNAR    CARROLL COUNTY RGNL/JACK B POA

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDMWK6FR16   ABINNS 010BINNSK6EA0E       IF                                          18000                A JS
        SUSAP KDMWK6FR16   ABINNS 020UNYTSK6EA0EY   020TF                    26490057    + 03000                       A JS
        SUSAP KDMWK6FR16   ABINNS 030UNYTSK6EA0EE AR   HF                   15900040    + 03000                       A JS
        SUSAP KDMWK6FR16   AHYPER 010HYPERK6EA0E       IF                                          18000                A JS
        SUSAP KDMWK6FR16   AHYPER 020UNYTSK6EA0EY   020TF                    05570063    + 03000                       A JS
        SUSAP KDMWK6FR16   AHYPER 030UNYTSK6EA0EE AR   HF                   15900040    + 03000                       A JS
        SUSAP KDMWK6FR16   R      010UNYTSK6EA0E  I    IF                                + 03000     18000             A JS
        SUSAP KDMWK6FR16   R      020NISPLK6EA1E  F 051TF                    15890069    + 01900                RW16  K6PGA JS
        SUSAP KDMWK6FR16   R      020NISPLK6EA2WALPV       ALNAV/VNAV ALNAV                                             JS
        SUSAP KDMWK6FR16   R      030RW16 K6PG0GY M 031TF                    15900034      00834          -300          A JS
        SUSAP KDMWK6FR16   R      040         0  M     CA                    1590        + 02200                       A JS
        SUSAP KDMWK6FR16   R      050NABICK6EA0E       DF                               + 02200                       A JS
        SUSAP KDMWK6FR16   R      060FIGIDK6EA0EY  L010TF                    0700        + 03000                       A JS
        SUSAP KDMWK6FR16   R      070FIGIDK6EA0EE  R   HM                   25010040    + 03000                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDMWK6GRW16    0051001590 N39365118W077004482-0300    +0208200789000045100R
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 789 THRE: 789	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WESTMINSTER, MD	AIRPORT NAME: CARROLL COUNTY RGNL/JACK B POAGE FIELD	RNAV	RNAV (GPS) RWY 16, AMDT 2	AMDT: 1
				DATED: 08/30/2007

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

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:

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDMWK6PR16   RW16 001 0000W16A0N3936511750W07700448215+020820300N3935355300W076594377001067511920004 50F4005000F593470
        SUSAP KDMWK6PR16   RW16 002E      +02405+02405LPV       65607
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDMWK6SRW16 K6PG                0   18018003425                                                                    M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 789 THRE: 789	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WESTMINSTER, MD	AIRPORT NAME: CARROLL COUNTY RGNL/JACK B POAGE FIELD	RNAV	RNAV (GPS) RWY 16, AMDT 2	AMDT: 1
				DATED: 08/30/2007

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

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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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
	BINNS	BINNS	010		IF						
	BINNS	UNYTS	020		TF		FO	2.0	264.9(253.9T)	005.7	03000
	BINNS	UNYTS	030	IAF	HF	R	FO		159.0(148.0T)	004.0	03000
	HYPER	HYPER	010		IF						
	HYPER	UNYTS	020		TF		FO	2.0	055.7(044.7T)	006.3	03000
	HYPER	UNYTS	030	IAF	HF	R	FO		159.0(148.0T)	004.0	03000
		UNYTS	010	FACF	IF						03000
		NISPL	020	FAF	TF		FB	0.5	159.0(148.0T)	006.9	01900
		RW16	030	MAP	TF		FO	0.3	159.0(148.0T)	003.4	00834

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA				159.0(148.0T)		02200
	NABIC	050		DF		FB				02200
	FIGID	060		TF	L	FO	1.0	070.0(059.0T)		03000
	FIGID	070		HM	R	FO		250.1(239.1T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BINNS	N394706.22	W0770039.58	N3947.104	W07700.660
	FIGID	N393456.10	W0764917.82	N3934.935	W07649.297
	HYPER	N394102.16	W0771330.34	N3941.036	W07713.506
	NABIC	N393135.29	W0765630.20	N3931.588	W07656.503
	NISPL	N393941.63	W0770302.53	N3939.694	W07703.042
	UNYTS	N394531.02	W0770745.53	N3945.517	W07707.759
	RW16	N393651.18	W0770044.82	N3936.853	W07700.747

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00789	45

CITY AND STATE	ELEVATION: 789 THRE: 789 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WESTMINSTER, MD	CARROLL COUNTY RGNL/JACK B POAGE FIELD	RNAV	RNAV (GPS) RWY 16, AMDT 2	AMDT: 1
				DATED: 08/30/2007

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

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:

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	BINNS	UNYTS	1. AAO	394457.00N/0770115.00W	955 (4E)	2000		3000
			2. TERRAIN	394457.00N/0770115.00W	755 (800)		AS1500	2300
FEEDER	HYPER	UNYTS	3. AAO	394430.00N/0770527.00W	860 (4E)	2000	AT140	3000
			4. TERRAIN	394415.00N/0770645.00W	657 (700)		AS1500	2200
INTERMEDIATE	UNYTS (IF/IAF)	NISPL	5. TOWER (24-000942)	394055.36N/0770216.29W	1016 (1A)	500	AT384	1900
			6. TERRAIN	394233.00N/0770227.00W	804 (800)		AS1000	1800
FINAL: LPV	NISPL	RW16	7. TREE (KDMWA010)	393701.78N/0770047.42W	850 (1A)	34:1	MA42	1081/292
FINAL: LNAV/VNAV	NISPL	RW16	8. TREE	393627.57N/0770113.35W	1019 (2C)	PDA	AC20	1189/400
FINAL: LNAV	NISPL	RW16	8. TREE	393627.57N/0770113.35W	1019 (2C)	250		1280
2. HOLD-IN-LIEU-OF-PT	UNYTS	P-5	9. AAO	394406.00N/0770318.00W	985 (4E)	1000	AT1015	3000
			10. TERRAIN	394406.00N/0770318.00W	785 (800)		AS1500	2300
3. MISSED APPROACH MAP:	DA / DA / RW16	FIGID	11. TREE (KDMWA015)	393709.13N/0770107.17W	902 (1A)	ASC		3000
			12. TOWER (24-000584)	393405.00N/0764959.00W	1422 (5E)	1000		2500
ELEV:	876/1039/1180		13. TERRAIN	393424.00N/0765815.00W	962 (1000)		AS1500	2500

4. CIRCLING AREA	DISTANCE		REQUIRED		ACTUAL							
CATEGORY A	1.3 NM		350		531	8. TREE	393627.57N/0770113.35W	1019 (2C)	300		1320
CATEGORY B	1.5 NM		450		531	8. TREE	393627.57N/0770113.35W	1019 (2C)	300		1320
CATEGORY C	1.7 NM		450		531	8. TREE	393627.57N/0770113.35W	1019 (2C)	300		1320
CATEGORY D	2.3 NM		550								
CATEGORY E	4.5 NM		550								

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW16**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (24-000052)	293/ 23.7	2385 (2D)	3400					

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 789 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WESTMINSTER, MD	CARROLL COUNTY RGNL/JACK B POAGE FIELD	RNAV	RNAV (GPS) RWY 16, AMDT 2	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
POTOMAC APP CON DCA FSS	N W S / OTHER: AWOS-3	SOURCE: KDMW / KFDK
	F A A	DISTANCE: 0 / 20.51
SATISFACTORY ON:	A / C	HOURS REMOTE OPERATION: BACKUP
X V H F X U H F H F	LOCATION: KDMW	ADJUSTMENT: 0 / 0

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

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 16 (PCL), 34 (PCL)
X	REIL 16 (PCL), 34 (PCL)
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-2L 34 PAPI-4L 16

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 16, 34
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 789.2
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 45.0

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

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (ERIC VALDEZ)	DATE: 08/11/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KDMW 789.2, KFDK 303.4
RA = 115.19.
SEE ATTACHED AIRSPACE LETTER.

TAA NA AT ATC REQUEST.
MISSED APPROACH EAST HOLDING ATC REQUEST.
VGSI DATA: 3.00/45

KDMW AWOS ON SERVICE A.
KFDK AWOS ON SERVICE A.

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: PDA

AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION.

ACTUAL HIGHT TEMPERATURE: 94C (201F)

VEGETATION HEIGHT: 100'

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL"
PENETRATIONS:
20:1
RWY 16
850 TREE (KDMWA010)
393701.78N/0770047.42W(19.94)
829 TREE (KW54A006)
393654.63N/0770053.98W (16.02)
34:1
RWY 16
859 TREE (KW54A011)
393709.04N/0770105.94W (4.88)
868 TREE (KDMWA024)
393717.64N/0770059.09W (0.53)
872 TREE (KDMWA023)
393713.40N/0770107.25W (5.28)
870 TREE (KDMWA022)
393711.45N/0770111.05W (3.57)
876 TREE (KDMWA021)
393712.01N/0770108.67W (11.06)
880 TREE (KDMWA020)
393711.77N/0770108.78W (15.53)
868 TREE (KDMWA019)
393717.04N/0770057.74W (3.69)
879 TREE (KDMWA018)
393711.29N/0770108.82W (15.69)
868 TREE (KDMWA016)
393716.21N/0770055.79W (8.16)
902 TREE (KDMWA015)
393709.13N/0770107.17W (46.15)
888 TREE (KDMWA014)
393709.18N/0770106.25W (33.15)
865 TREE (KDMWA012)
393704.09N/0770102.76W (27.24)
850 TREE (KDMWA010)
393701.78N/0770047.42W (36.77)

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BIRLN **STATE:** MD **COUNTRY:** US

LATITUDE/LONGITUDE: 393254.07N/0770638.57W **TYPE:** WP, INT

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

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	FREDERICK	FDK	VOR	T	064.32	056.32				4000	12000
2	BALTIMORE	BAL	VORTAC	L	328.38	317.38				4000	17500
3	KDMW R34					237.15	5.96				17500

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

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	FDK	VOR	064.32	064.32	R	1		4000	6000	6	7
2	SW		WP	247.00	067.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-0468)	393133.00N/0770026.00W	1132	2C
2	200	TOWER (21-0468)	393133.00N/0770026.00W	1132	2C

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP				KDMW	WESTMINSTER	MD (US)

CARROLL COUNTY REGIONAL/ JACK B POAGE FIELD
RNAV (GPS) RWY 34
RNAV (GPS) RWY 16

HOLDING LIMITED TO ESTABLISHED PATTERNS

MAG VAR: FDK VOR 8W
BAL VORTAC 11W

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 10/01/2004

REASON FOR REVISION:
CHANGED HOLDING PATTERN 2 TEMPLATE FROM 5 TO 6.

DEVELOPED BY: **DATE:** 08/04/2004 **OFFICE:** AVN-110 **NAME:** GEORGE GONZALEZ (MARLON ROBINSON)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: NYC
ARTCC: ZDC
ATC FACILITY: POTOMAC
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: FIGID **STATE:** MD **COUNTRY:** US

LATITUDE/LONGITUDE: 393456.10N/0764917.82W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	E		WP	070.08	250.08	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000503)	393659.00N/0765136.00W	1599	5E

HOLDING RESTRICTIONS:
HOLDING RESTRICTED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV(GPS) RWY 16		1	KDMW	WESTMINSTER	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 12/15/2011

DEVELOPED BY: **DATE:** 08/08/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ERIC VALDEZ)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: POTOMAC TRACON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NABIC **STATE:** MD **COUNTRY:** US

LATITUDE/LONGITUDE: 393135.29N/0765630.20W **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 16			KDMW	WESTMINSTER	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 12/15/2011

DEVELOPED BY: **DATE:** 08/09/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ERIC VALDEZ)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: POTOMAC TRACON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NISPL **STATE:** MD **COUNTRY:** US

LATITUDE/LONGITUDE: 393941.63N/0770302.53W **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 16			KDMW	WESTMINSTER	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
MOVED WP 101.5 FT NE.
DELETED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/01/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ERIC VALDEZ)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PCT
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TEMRE **STATE:** MD **COUNTRY:** US

LATITUDE/LONGITUDE: 393312.11N/0765748.16W **TYPE:** WP

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

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	KDMW R16					148.02	4.30				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CARROLL CNY RG/JACK B POAGE FL - RNAV (GPS) RWY 16			KDMW	WESTMINSTER	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/25/2004

DEVELOPED BY: **DATE:** 06/28/2004 **OFFICE:** AVN-110 **NAME:** GEORGE GONZALEZ (MARLON ROBINSON)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: NYC
ARTCC: ZDC
ATC FACILITY: PCT/
OTHER:

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: BINNS **STATE:** PA **COUNTRY:** US

LATITUDE/LONGITUDE: 394706.22N/0770039.58W **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	LANCASTER	LRP	VORTAC	L	248.07	239.07	38.81	38.81		4000	17500
2	WESTMINSTER	EMI	VORTAC	H	003.07	355.07	17.45	17.45		3400	17500

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	E		WP	068.86	248.86	R		6	10000	17000	8	17
2	E	LRP	VORTAC	248.07	248.07	R	1-1 1/2		5000	17000	7	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	TOWER (42-000370)	395126.00N/0765655.00W	1548	4D
2	200	TOWER (42-000370)	395126.00N/0765655.00W	1548	4D

HOLDING RESTRICTIONS:
PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.
210K UTILIZED ON PAT 1 PER ATC REQUEST FOR HYPER STAR.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V143	1, 2				(US)
EN ROUTE	V265	1, 2				(US)
EN ROUTE	V39	1, 2				(US)
IAP	RNAV (GPS) RWY 23			KFDK	FREDERICK	MD (US)
IAP	RNAV (GPS) RWY 16			KDMW	WESTMINSTER	MD (US)
STAR	DELRO	1, 2	2	KIAD	WASHINGTON	DC (US)
STAR	HYPER (RNAV)		1	KIAD	WASHINGTON	DC (US)
STAR	HYPER (RNAV)		1	KCJR	CULPEPER	VA (US)
STAR	HYPER (RNAV)		1	KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)		1	KFRR	FRONT ROYAL	VA (US)
STAR	HYPER (RNAV)		1	KJYO	LEESBURG	VA (US)
STAR	HYPER (RNAV)		1	KHEF	MANASSAS	VA (US)
STAR	HYPER (RNAV)		1	KNYG	QUANTICO	VA (US)
STAR	HYPER (RNAV)		1	KRMN	STAFFORD	VA (US)
STAR	HYPER (RNAV)		1	KHWY	WARRENTON	VA (US)
STAR	HYPER (RNAV)		1	KOKV	WINCHESTER	VA (US)
STAR	HYPER (RNAV)		1	KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 10/20/2011

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
LOWERED FAC 1 MRA FROM 4500 TO 4000.
DELETED FAC 3.
LOWERED HOLDING PATTERN 2 MIN ALT FROM 14000 TO 5000.
UPDATED HOLDING CONTROLLING OBSTACLES, TEMPLATES, DME/TIME VALUES, AIRSPEEDS.
REMOVED HOLDING ICON FOR PAT 1 AND PAT 2.
UPDATED FIX USE, REMARKS, AND RESTRICTIONS.

DEVELOPED BY: **DATE:** 05/17/2011 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

QUALITY 2 CHECKED

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZNY
ATC FACILITY: BWI/

OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HYPER **STATE:** MD **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 394102.16N/0771330.34W **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	MARTINSBURG	MRB	VORTAC	L	065.08	058.08	34.01	34.01		4000	32000
2	WESTMINSTER	EMI	VORTAC	H	322.80	314.80		16.09		4000	32000
3	LANCASTER	LRP	VORTAC	L	248.07	239.07	50.42	50.42		4000	32000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MRB	VORTAC	R-065	35	18600	32000
LRP	VORTAC	R-248	51	4000	32000

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	MRB	VORTAC	065.08	245.08	L	1		5000	14000	7	10
2	E	LRP	VORTAC	248.07	248.07	R	1		8000	14000	7	10
3	E		WP	068.48	248.48	L		4	7000	14000	7	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	394212.00N/0765645.00W	1313	4E
2	210	AAO	394127.00N/0762224.00W	1690	4E
3	210	AAO	394206.00N/0765957.00W	1112	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 AND PAT 3 TO REMAIN CLEAR OF R4009

HOLDING RESTRICTIONS:
PAT 1 CHART 210K ICON
PAT 2 CHART 210K ICON
PAT 3 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 2 USED IN THE EVENT FAC 1 OTS

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J6	1, 2, 3				(US)
EN ROUTE	V143	1, 2, 3	1			(US)
EN ROUTE	V39	1, 2, 3	1			(US)
IAP	RNAV (GPS) RWY 16			KDMW	WESTMINSTER	MD (US)
STAR	DELRO	1, 2, 3	1	KIAD	WASHINGTON	DC (US)
STAR	HYPER (RNAV)		3	KIAD	WASHINGTON	DC (US)
STAR	LEGGO (RNAV)		3	KIAD	WASHINGTON	DC (US)
STAR	PHILIPSBURG	1, 2, 3	1	KIAD	WASHINGTON	DC (US)
STAR	PRTZL (RNAV)		3	KIAD	WASHINGTON	DC (US)
STAR	SELINSGROVE	1, 2, 3	1	KIAD	WASHINGTON	DC (US)
STAR	HYPER (RNAV)		3	KCJR	CULPEPER	VA (US)
STAR	HYPER (RNAV)		3	KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)		3	KFRR	FRONT ROYAL	VA (US)
STAR	HYPER (RNAV)		3	KJYO	LEESBURG	VA (US)
STAR	HYPER (RNAV)		3	KHEF	MANASSAS	VA (US)
STAR	HYPER (RNAV)		3	KNYG	QUANTICO	VA (US)
STAR	HYPER (RNAV)		3	KRMN	STAFFORD	VA (US)
STAR	HYPER (RNAV)		3	KHWY	WARRENTON	VA (US)
STAR	HYPER (RNAV)		3	KOKV	WINCHESTER	VA (US)
STAR	HYPER (RNAV)		3	KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 10/20/2011

REASON FOR REVISION:

QUALITY 2 CHECKED

ADDED DIST FROM FAC VALUES TO FAC 1, FAC 2, AND FAC 3.
DELETED FAC 4.
ADDED ESVS.
UPDATED HOLDING PATTERN TEMPLATES.
RAISED HOLDING PATTERN 3 MIN ALT FROM 6000 TO 7000; UPDATED TEMPLATES AND CONTROLLING OBSTACLE.
UPDATED RESTRICTIONS, FIX USE, AND REMARKS.
REMOVED FAC 1 AS A COORDINATED FACILITY.

DEVELOPED BY: **DATE:** 05/18/2011 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PCT TRACON
OTHER: ZNY

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UNYTS **STATE:** PA **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 394531.02N/0770745.53W **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	N		WP	338.95	158.95	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	394406.00N/0770318.00W	985	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 16		1	KDMW	WESTMINSTER	MD (US)
IAP	RNAV (GPS) RWY 34		1	KDMW	WESTMINSTER	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
UPDATED FIX USE.
REMOVED 200 FROM OBSTACLE DESCRIPTION.
DELETED FAC 1 KDMW R16 FROM FIX MAKE UP.
ADDED PRECIPITOUS TERRAIN EVALUATION.

DEVELOPED BY: **DATE:** 11/23/2009 **OFFICE:** AVN-110 **NAME:** STEVE BRUMMETT

APPROVED BY: **DATE:** 03/30/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: PCT APP CON
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WESTMINSTER** STATE: **MD**

AIRPORT NAME: **CARROLL COUNTRY RGNL/JACK B POAGE FIELD** ID: **KDMW**

PROCEDURE: **RNAV (GPS) RWY 16** AMDT: **2**

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 (Enter THLD, FAF, ARP, FACILITY, as appropriate)	**THLD**	to 1000' point	**3.35**
2. Width of (Enter appropriate segment, final, intermediate, etc.)	**FINAL**	segment at 1000' point	**2.00**
3. True Course of	**FINAL**	segment containing 1000' point	**148.00**
4. High Terrain in	**FINAL**	segment containing 1000' point	**899**
5. Distance from (If 1500' point in PT maneuvering area or holding pattern note in remarks)	**THLD**	to 1500' point	**4.92**
6. Width of	**INTERMEDIATE**	segment at 1500' point	**4.00**
7. True Course of	**INTERMEDIATE**	segment containing 1500' point	**147.95**
8. High Terrain in	**INTERMEDIATE**	segment containing 1500' point	**804**

9. Threshold Coordinates (if straight-in) ... **393651.18N** / **0770044.82W**

10. ARP Coordinates ..... **393629.80N** / **0770027.60W**

11. Runway Approach End and distance furthest from ARP ..... RWY **34**

Distance **0.42** NM

12. FAF Coordinates ..... **393941.63N** / **0770302.53W**

REMARKS: Approach/Drawing attached.