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
DBQ VORTAC (IAF)	TIREW (FB)	001.64 / 12.51	3000
SWAGG (IAF)	TIREW (FB)	158.60 / 15.29	3000
TIREW (IF)	SESPY (FB)	068.99 / 6.10	3000
SESPY (FAF)	RW07 (MAP) (FO)	069.07 / 6.06	
RW07 (MAP)	1266 MSL	069.07	
1266 MSL	CERIG (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

CLIMB TO 3000 DIRECT CERIG AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 249.34 INBOUND.
CHART FAS OBST: 1119 TREE 424136N/0902722W
CHART: 1211 TOWER 423844N/0903350W
DISTANCE TO THLD FROM 267 HATH: 0.84 NM.
WAAS CHANNEL # 82315
REFERENCE PATH ID: W07A
LTP HAE: 271.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TIREW
3. FAC: 069.07 FAF: SESPY DIST FAF TO MAP: 6.06 THLD: 6.06
4. MIN. ALT: TIREW 3000, SESPY 3000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: SESPY 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW07 2900

MAG VAR: 1W EPOCH YEAR: 2010

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	1266	1	267	1266	1	267	1266	1	267		NA				
LNAV/VNAV DA	1389	1 1/2	390	1389	1 1/2	390	1389	1 1/2	390		NA				
LNAV MDA	1380	1	381	1380	1	381	1380	1	381		NA				
CIRCLING	1440	1	415	1480	1	455	1480	1 1/2	455		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DUBUQUE ALTIMETER SETTING AND INCREASE (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1025 THRE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PLATTEVILLE, WI	AIRPORT NAME: PLATTEVILLE MUNI	RNAV	RNAV (GPS) RWY 7, ORIG-A	AMDT: ORIG
				DATED 08/27/2009

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]	[ ]

FLIGHT CHECKED BY		
NAME: **RAMON CHARLES PAYNE**	FIFO **FIOG**	DATE: **06/10/2009**
DEVELOPED BY		
NAME: **ROY L. BARNETT**	FIFO **AJV-353**	DATE: **04/06/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. CHANGED STATE LOCATION FROM WISCONSIN TO IOWA.
2. CHANGED "CHART PLANVIEW NOTE" FROM: VIA V341 SOUTHWEST BOUND AND V246 SOUTHEAST BOUND TO ON AIRWAY RADIALS 322 CW 078.
3. ADDED CA LEG.
4. UNDER ADDITIONAL FLIGHT DATA, CHANGED HAT TO HATH.
5. UPDATED DUBUQUE VORTAC INFORMATION.

REASONS:

1. CORRECT THE ERROR.
2, 4. UPDATE TO CURRENT CRITERIA.
3, 5. ARINC CODING REQUIREMENT.

QUALITY CHECKED

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NOTES, (CONT.):
ALL DA 56 FEET AND ALL MDA 60 FEET, INCREASE LPV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT DBQ VORTAC ON AIRWAY RADIALS 322 CW 078.
CHART NOTE: BARO-VNAV NA WHEN USING DUBUQUE ALTIMETER SETTING.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1025 THRE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PLATTEVILLE, WI	AIRPORT NAME: PLATTEVILLE MUNI	RNAV	RNAV (GPS) RWY 7, ORIG-A	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:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPVB
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	424108.8470N
LTP/FTP LONGITUDE	0902704.2050W
LTP/FTP ELLIPSOIDAL HEIGHT	+02716
FPAP LATITUDE	424141.9900N
FPAP LONGITUDE	0902512.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	047F14EE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03044
FPAP ORTHOMETRIC HEIGHT	+03044

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1025 THRE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PLATTEVILLE, WI	AIRPORT NAME: PLATTEVILLE MUNI	RNAV	RNAV (GPS) RWY 7, ORIG-A	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:

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)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DBQ   K3011580VTHW N42240530W090423267    N42240530W090423267E0040010512     NARDUBUQUE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CERIG K50    W     N42455088W090110532                      W0017     NAR           CERIG
        SUSAEAENRT   SESPY K50    W     N42385336W090344132                      W0014     NAR           SESPY
        SUSAEAENRT   SWAGG K50    C   L N42504486W090501475                      W0012     NAR           SWAGG
        SUSAEAENRT   TIREW K30    W     N42363632W090422133                      W0013     NAR           TIREW

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPVBK5APVB     0     039YHN42412170W090263980W001001025         1800018000C    MNAR    PLATTEVILLE MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPVBK5FR07   ADBQ   010DBQ  K3D 0V  A    IF                                                18000                 A JS
        SUSAP KPVBK5FR07   ADBQ   020TIREWK3EA0EE B 010TF                    00160125    + 03000                              A JS
        SUSAP KPVBK5FR07   ASWAGG 010SWAGGK5EA0E  A    IF                                                18000                 A JS
        SUSAP KPVBK5FR07   ASWAGG 020TIREWK3EA0EE B 010TF                    15860153    + 03000                              A JS
        SUSAP KPVBK5FR07   R      010TIREWK3EA0E  I    IF                                + 03000     18000                 A JS
        SUSAP KPVBK5FR07   R      020SESPYK5EA1E  F 051TF                    06900061    + 03000                  RW07  K5PGA JS
        SUSAP KPVBK5FR07   R      020SESPYK5EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SUSAP KPVBK5FR07   R      030RW07 K5PG0GY M 031TF                    06910061      01039             -300           A JS
        SUSAP KPVBK5FR07   R      040         0  M     CA                    0691        + 01266                              A JS
        SUSAP KPVBK5FR07   R      050CERIGK5EA0EY      DF                                + 03000                              A JS
        SUSAP KPVBK5FR07   R      060CERIGK5EA0EE  R   HM                    24930040    + 03000                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPVBK5GRW07    0035990692 N42410885W090270421+0600    +0271600999000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPVBK5PR07   RW07 001 0000W07A0N4241088470W09027042050+027160300N4241419900W090251206001067516560004 00F400500047F14EE
        SUSAP KPVBK5PR07   RW07 002E      +03044+03044LPV       82315
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 1025 THRE: 999	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PLATTEVILLE, WI	AIRPORT NAME: PLATTEVILLE MUNI	RNAV	RNAV (GPS) RWY 7, ORIG-A	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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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPVBK5SRW07 K5PG                0   18018002925                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1025 THRE: 999	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PLATTEVILLE, WI	AIRPORT NAME: PLATTEVILLE MUNI	RNAV	RNAV (GPS) RWY 7, ORIG-A	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**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DBQ	DBQ	010	IAF	IF		FB					
	DBQ	TIREW	020		TF		FB	1.0	001.6(000.6T)	012.5	AA 03000	
	SWAGG	SWAGG	010	IAF	IF		FB					
	SWAGG	TIREW	020		TF		FB	1.0	158.6(157.6T)	015.3	AA 03000	
		TIREW	010	FACF	IF		FB				AA 03000	
		SESPY	020	FAF	TF		FB	0.5	069.0(068.0T)	006.1	AA 03000	
		RW07	030	MAP	TF		FO	0.3	069.1(068.1T)	006.1	AT 01039	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		069.1(068.1T)		AA 01266	
	CERIG	050		DF		FO				AA 03000	
	CERIG	060		HM	R	FO		249.3(248.3T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DBQ	N422405.30	W0904232.67	N4224.088	W09042.545
	CERIG	N424550.88	W0901105.32	N4245.848	W09011.089
	SESPY	N423853.36	W0903441.32	N4238.889	W09034.689
	SWAGG	N425044.86	W0905014.75	N4250.748	W09050.246
	TIREW	N423636.32	W0904221.33	N4236.605	W09042.356
	RW07	N424108.85	W0902704.21	N4241.148	W09027.070

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00999	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1025 THRE: 999	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PLATTEVILLE, WI	AIRPORT NAME: PLATTEVILLE MUNI	RNAV	RNAV (GPS) RWY 7, ORIG-A	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.
INITIAL	DBQ VORTAC	TIREW	1. AAO	422345.00N/0903948.00W	1382 (4E)	1000	AT618	3000
			2. TERRAIN	422616.10N/0904642.40W	1165 (1200)		AS1500	2700
INITIAL	SWAGG	TIREW	3. TOWER (55-020121)	424913.52N/0905131.03W	1288 (4D)	1000	AT712	3000
			4. TERRAIN	425000.00N/0904457.00W	1077 (1100)		AS1500	2600
INTERMEDIATE	TIREW	SESPY	5. TOWER (55-001523)	423723.30N/0903617.48W	1241 (2C)	500	AT1259	3000
			6. TERRAIN	423645.00N/0903915.00W	988 (1000)		AS1500	2500
FINAL: LPV	SESPY	RW07				ASC		1266/267
FINAL: LNAV/VNAV	SESPY	RW07	7. TREE	424136.00N/0902722.00W	1119 (2C)	PDA	AC20	1389/390
FINAL: LNAV	SESPY	RW07	7. TREE	424136.00N/0902722.00W	1119 (2C)	250	XL3	1380
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW07	CERIG				ASC		3000
			8. AAO	424606.00N/0902057.00W	1687 (4E)	1000		2700
ELEV:	1056/1114/1127		9. TERRAIN	424606.00N/0902057.00W	1487 (1500)		AS1500	3000

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350		415	10. TREE	424032.00N/0902604.00W	1139 (2C)	300		1440
CATEGORY B	1.5 NM	450		455	10. TREE	424032.00N/0902604.00W	1139 (2C)	300	HAA	1480
CATEGORY C	1.7 NM	450		455	10. TREE	424032.00N/0902604.00W	1139 (2C)	300	HAA	1480
CATEGORY D	2.3 NM	550								
CATEGORY E	4.5 NM	550								

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW07

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (55-001762)	219/ 11.9	1878 (5E)	2900					

CITY AND STATE	ELEVATION: 1025 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
PLATTEVILLE, WI	PLATTEVILLE MUNI	RNAV	RNAV (GPS) RWY 7, ORIG-A	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
GRB FSS ZAU ARTCC		N W S	OTHER: AWOS-NULL	SOURCE: KPVB / KDBQ
		F A A		DISTANCE: 0 / 20.86
		A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:				
X V H F X U H F H F	LOCATION: KPVB			ADJUSTMENT: 0 / 56

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 33 (PCL), 15 (PCL), 25 (PCL), 07 (PCL)
	X	REIL 33 (PCL), 15 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 33 (PCL)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-F 33, 15, 25, 07
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 998.6
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 40.0
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ROY L. BARNETT	DATE: 04/06/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KPVB AWOS-3 AND KDBQ ASOS ARE ON SERVICE A.
BLOCK 2: KPVB AWOS-3 ON ARPT, HRS OPTN: 24
BLOCK 3: KPVB/KDBQ, 0/20.86NM, 0/55.40FT, 24/24.

NO ADDITIONAL AIRSPACE REQUIRED.

RASS (PRESSURE PATTERNS THE SAME)
KPVB: 1024.80 FT
KDBQ: 1076.50FT

ISA DEVIATION -30.

LPV INNER SLOPE: 27.03:1
OUTER SLOPE: 34:1

LNAV/VNAV INNER SLOPE: 23.4:1
OUTER SLOPE: 34:1

DUBUQUE VORTAC: 4224.088N-09042.545W
SWAGG: 4250.748N-09050.246W
TIREW: 4236.613N-09042.330W
SESPY: 4238.889N-09034.689W
R07: 4241.148N-09027.070W
CERIG: 4245.848N-09011.089W

100' VEGETATION USED PER FPO.
TAA NOT DEVELOPED PER FPO.

PARA 251 20:1 PENETRATIONS (FPO NOTIFIED):
RWY 25
KPVBT0120 424123.90N/0902608.61W RD(N) 1053 MSL PEN: 0.19
KPVBT0121 424122.89N/0902608.60W RD(N) 1053 MSL PEN: 2.06
RWY 7:
KPVBT0002 TREE 424111.02N/0902708.57W 1003 MSL PEN: 3.34

PARA 251 34:1 PENETRATIONS (FPO NOTIFIED):
RWY 7:
KPVBT0002 TREE 424111.02N/0902708.57W 1003 MSL PEN: 3.78

INTERMEDIATE SEGMENT CONTROLLING OBSTACLES ARE THE SAME FOR LPV, LNAV/VNAV, AND LNAV.
#3 OBSTACLE ASSIGNED (4D) ACCURACY PER OE STUDY #2008-AGL-4496-OE.
ALL DTA'S EVALUATED USING 4/2 TRAP.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DUBUQUE VORTAC **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 422405.30N/0904232.67W **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	DUBUQUE	DBQ	VORTAC	H							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	W	DBQ	VORTAC	272.00	092.00	L	1 1/2		18000	40000	16	27
2	W		WP	279.00	099.00	L		10	15000	40000	16	28

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
2	265	TOWER (55-001762)	423143.60N/0903658.50W	1878	5E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE FL180.
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
DUBUQUE (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
DP	WAUKON			KANE	MINNEAPOLIS	MN (US)
DP	WAUKON			KFCM	MINNEAPOLIS	MN (US)
DP	WAUKON			KMSP	MINNEAPOLIS	MN (US)
DP	WAUKON			KSTP	ST PAUL	MN (US)
DP	MITCHELL			KMKE	MILWAUKEE	WI (US)
EN ROUTE	J144					(US)
EN ROUTE	J82-84-94-100-128					(US)
EN ROUTE	J82-94					(US)
EN ROUTE	J84-100-128					(US)
EN ROUTE	V100					(US)
EN ROUTE	V129					(US)
EN ROUTE	V158					(US)
EN ROUTE	V246					(US)
EN ROUTE	V341					(US)
IAP	ILS OR LOC RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	LOC RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	LOC/DME BC RWY 13			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 13			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 13			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 33			KPVB	PLATTEVILLE	WI (US)
IAP	RNAV (GPS) RWY 7			KPVB	PLATTEVILLE	WI (US)
STAR	BULLZ (RNAV)		2	KORD	CHICAGO	IL (US)
STAR	JANESVILLE		1	KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
FIX MOVED 2.03 FEET DUE TO THIRD PARTY SURVEY.

DEVELOPED BY: **DATE:** 07/25/2012 **OFFICE:** AJV-353 **NAME:** ROY BARNETT

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER: ZMP

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TIREW **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 423636.32N/0904221.33W **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 7			KPVB	PLATTEVILLE	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
LOCATE TIREW WP IN STATE OF IOWA, NOT WISCONSIN.

DEVELOPED BY: **DATE:** 04/06/2012 **OFFICE:** AJV-353 **NAME:** ROY BARNETT

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY:
OTHER: