Flight Procedure Tracking Form	Action: AMENDMENT	Task Type: IAP	Date Open: 04/04/2012	Task #: 2012040422316301002	Request #: 20120404223163
Procedure: RNAV (GPS) RWY 21 AMDT 1A		Airport ID: KDVN	Airport: DAVENPORT MUNI		Reimbursable #:
City: DAVENPORT	ST: IA	GPS #:		Estimated Chart Date: ~~12/13/2012~~ 10/18/12	FICO #:
Fac ID:	Fac. Type:	Specialist: ROY BARNETT			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:				
QA:	4/6 cc			6/7/12 CTABAKA 8/15/12 CTABAKA QUALITY CHECKED
Liaison:				

Procedure Comments:

Remark Type: INFORMATION

ATTACHED FORMS: 8260-3, 8260-9, 8260-10
8260-2, YODUP REV 1.

CONTACT: JILL OLSON, 405.954.0414

AUF PA ---- MB

FAS PACK SAT

ARI SAVED

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
CITEB (IAF)	ZATPA (NOPT) (FB)	278.78 / 8.60	3000
RICOT (IAF)	ZATPA (NOPT) (FB)	138.57 / 8.60	3000
ZATPA (IF/IAF)	NUTGE (FB)	208.65 / 6.00	2400
NUTGE (FAF)	JUNRI/1.70 NM TO RW21 (FB)	208.60 / 3.32	
JUNRI/1.70 NM TO RW21	RW21 (MAP) (FO)	208.58 / 1.70	
RW21 (MAP)	1045 MSL	208.58	
1045 MSL	YODUP (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

CLIMB TO 3000 DIRECT YODUP AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE ZATPA, RT, 208.65 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 208.61 FAF: NUTGE DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: ZATPA 3000, NUTGE 2400, JUNRI/1.70 NM TO RW21 1340*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: NUTGE 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 028.49 INBOUND.
CHART FAS OBST: 879 TREE 413810N/0903507W
CHART FAS OBST: 906 TWR 413700N/0903425W
DISTANCE TO THLD FROM 296 HATH: 0.93 NM.
WAAS CHANNEL # 50320
REFERENCE PATH ID: W21A
LTP HAE: 195.5 M

MAG VAR: 1E EPOCH YEAR: 1985

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	1045	1	296	1045	1	296	1045	1	296	1045	1	296			
LNAV/VNAV DA	1183	1 1/2	434	1183	1 1/2	434	1183	1 1/2	434	1183	1 1/2	434			
LNAV MDA	1180	1	431	1180	1	431	1180	1 1/4	431	1180	1 1/4	431			
CIRCLING	1220	1	469	1220	1	469	1220	1 1/2	469	1320	1 1/2	569			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING QUAD CITY INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY & CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1A	AMDT: 1
				DATED 03/10/2011

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] **ZAU, QUAD CITY APP CON, AMGR**

FLIGHT CHECKED BY		
NAME: **CHRISTOPHER LENCKUS**	FIFO **FIOG**	DATE: **01/06/2011**
DEVELOPED BY		
NAME: **ROY L. BARNETT**	FIFO **AJV-353**	DATE: **04/05/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. CHANGED STATE LOCATION OF YODUP WP.
2. CHANGED LPV DA FROM 999/ 250 TO 1045/ 296.
3. INCREASE BACK UP ALTIMETER VISIBILITY NOTE FOR LPV AND LNAV CATS C/D.

REASONS:

1. LOCATION IS IN ILLINOIS.
2. MISSED APPROACH PENETRATION OF 46 FEET DUE TO NEW THIRD PARTY SURVEY.
3. THIRD PARTY SURVEY.

QUALITY CHECKED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE QUAD CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CAT C AND D VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT IN AND CIRCLING TO RWY 21 AND CIRCLING TO RWY 03 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	139/30 CW 279/30 (NOPT)	ZATPA (IF/IAF) (FB)	3000
2.	279/30 CW 029/30	CITEB (IAF) (FB)	3100
3.	029/30 CW 139/30	RICOT (IAF) (FB)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1A	AMDT: 1
				DATED: 03/10/2011

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:

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDVN
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	413701.2205N
LTP/FTP LONGITUDE	0903505.2130W
LTP/FTP ELLIPSOIDAL HEIGHT	+01955
FPAP LATITUDE	413543.6800N
FPAP LONGITUDE	0903603.8100W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	83F436D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02282
FPAP ORTHOMETRIC HEIGHT	+02282

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1A	AMDT: 1
				DATED: 03/10/2011

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

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 PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CITEB K50    W     N41450933W090162937                      W0015     NAR           CITEB
        SUSAEAENRT   JUNRI K30    W     N41382997W090335807                      W0012     NAR           JUNRI
        SUSAEAENRT   NUTGE K30    W     N41412336W090314675                      W0013     NAR           NUTGE
        SUSAEAENRT   RICOT K30    W     N41530960W090351629                      W0013     NAR           RICOT
        SUSAEAENRT   YODUP K50    W     N41264393W090425059                      W0011     NAR           YODUP
        SUSAEAENRT   ZATPA K30    W     N41463642W090274901                      W0013     NAR           ZATPA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3ADVN     0     055YHN41363700W090351810E001000751         1800018000C    MNAR    DAVENPORT MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3FR21   ACITEB 010CITEBK5EA0E  A    IF                                                18000                A JS
        SUSAP KDVNK3FR21   ACITEB 020ZATPAK3EA0EE B 010TF                    27880086    + 03000                              A JS
        SUSAP KDVNK3FR21   ARICOT 010RICOTK3EA0E  A    IF                                                18000                A JS
        SUSAP KDVNK3FR21   ARICOT 020ZATPAK3EA0EE B 010TF                    13860086    + 03000                              A JS
        SUSAP KDVNK3FR21   AZATPA 010ZATPAK3EA0EE AR   HF                    20870040    + 03000     18000                    A JS
        SUSAP KDVNK3FR21   R      010ZATPAK3EA0E  I    IF                                + 03000     18000                    A JS
        SUSAP KDVNK3FR21   R      020NUTGEK3EA1E  F 051TF                    20870060    + 02400                              A JS
        SUSAP KDVNK3FR21   R      020NUTGEK3EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KDVNK3FR21   R      021JUNRIK3EA0E S  031TF                    20860033    V 0134001342        -300             A JS
        SUSAP KDVNK3FR21   R      030RW21 K3PG0GY M 031TF                    20860017      00801             -300             A JS
        SUSAP KDVNK3FR21   R      040         0  M     CA                    2086        + 01045                              A JS
        SUSAP KDVNK3FR21   R      050YODUPK5EA0EY      DF                                + 03000                              A JS
        SUSAP KDVNK3FR21   R      060YODUPK5EA0EE  R   HM                    02850040    + 03000                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3GRW21    0040012086 N41370122W090350521+0000    +0195500749000052100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3PR21   RW21 001 0000W21A0N4137012205W09035052130+019550300N4135436800W0903603810010675152800052 0F40050083F436D0
        SUSAP KDVNK3PR21   RW21 002E      +02282+02282LPV       50320
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1A	AMDT: 1
				DATED: 03/10/2011

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
	CITEB	CITEB	010	IAF	IF		FB					
	CITEB	ZATPA	020		TF		FB	1.0	278.8(279.8T)	008.6	AA 03000	
	RICOT	RICOT	010	IAF	IF		FB					
	RICOT	ZATPA	020		TF		FB	1.0	138.6(139.6T)	008.6	AA 03000	
	ZATPA	ZATPA	010	IAF	HF	R	FO		208.7(209.7T)	004.0	AA 03000	
		ZATPA	010	FACF	IF		FB				AA 03000	
		NUTGE	020	FAF	TF		FB	0.5	208.7(209.7T)	006.0	AA 02400	
		JUNRI	021	SDF	TF		FB	0.3	208.6(209.6T)	003.3	AA 01340 GS 01342	
		RW21	030	MAP	TF		FO	0.3	208.6(209.6T)	001.7	AT 00801	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		208.6(209.6T)		AA 01045	
	YODUP	050		DF		FO				AA 03000	
	YODUP	060		HM	R	FO		028.5(029.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CITEB	N414509.33	W0901629.37	N4145.156	W09016.490
	JUNRI	N413829.97	W0903358.07	N4138.500	W09033.968
	NUTGE	N414123.36	W0903146.75	N4141.389	W09031.779
	RICOT	N415309.60	W0903516.29	N4153.160	W09035.272
	YODUP	N412643.93	W0904250.59	N4126.732	W09042.843
	ZATPA	N414636.42	W0902749.01	N4146.607	W09027.817
	RW21	N413701.22	W0903505.21	N4137.020	W09035.087

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00749	52

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1A	AMDT: 1
				DATED: 03/10/2011

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.
STRAIGHT-IN AREA	139/30 CW 279/30	ZATPA	1. TOWER (19-001278)	421512.05N/0903319.46W	1421 (5E)	1000	AT579	3000
			2. TERRAIN	421712.00N/0903545.00W	1113 (1100)		AS1500	2600
LEFT BASE AREA	279/30 CW 029/30	CITEB	3. TOWER (19-000716)	413248.70N/0902837.70W	2049 (2A)	1000		3100
			4. TERRAIN	411451.00N/0900203.00W	873 (900)		AS1500	2400
RIGHT BASE AREA	029/30 CW 139/30	RICOT	5. TOWER (19-001426)	413622.00N/0905936.00W	1620 (4D)	1000	AT380	3000
			6. TERRAIN	420815.00N/0910854.00W	1090 (1100)		AS1500	2600
INITIAL	CITEB	ZATPA	7. TOWER (17-000507)	414346.00N/0901832.00W	1006 (4D)	1000	AT994	3000
			8. TERRAIN	414657.00N/0902012.00W	716 (700)		AS1500	2200
INITIAL	RICOT	ZATPA	9. TOWER (19-002050)	414755.00N/0903201.00W	1059 (4D)	1000	AT941	3000
			10. TERRAIN	415333.00N/0903357.00W	840 (800)		AS1500	2300
INTERMEDIATE	ZATPA (IF/IAF)	NUTGE	11. AAO	414148.00N/0903300.00W	1050 (4E)	500	AC98 AT752	2400
			12. TERRAIN	414215.00N/0903251.00W	840 (800)		AS1500	2300
FINAL: LPV	NUTGE	RW21	13. TREE (KDVNT0052)	413705.21N/0903508.05W	774 (2C)	34:1	AC20 MA46	1045/296
FINAL: LNAV/VNAV	NUTGE	RW21	14. TREE	413810.37N/0903506.96W	879 (2C)	25.02:1	AC20	1183/434
2. HOLD-IN-LIEU-OF-PT	ZATPA	P-5	17. AAO	415433.00N/0902818.00W	1099 (4E)	1000	AT901	3000
			18. TERRAIN	415433.00N/0902818.00W	899 (900)		AS1500	2400
3. MISSED APPROACH — MAP:	DA / DA / RW21	YODUP	23. CRANE (KDVNT0279)	413704.73N/0903448.25W	893 (2C)	ASC		3000
			19. TOWER (19-001512)	413003.00N/0904024.00W	1249 (4D)	1000		2300
ELEV:	836/1022/1080		20. TERRAIN	412612.00N/0904045.00W	814 (800)		AS1500	2300
			21. TWR (KDVNT0071)	413613.69N/0903426.88W	906 (1A)	300		1220
			21. TWR (KDVNT0071)	413613.69N/0903426.88W	906 (1A)	300		1220
			21. TWR (KDVNT0071)	413613.69N/0903426.88W	906 (1A)	300		1220
			22. TWR (KDVNT0286)	413910.32N/0903451.37W	935 (2C)	300	HAA	1320

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	469
CATEGORY B	1.5 NM	450	469
CATEGORY C	1.7 NM	450	469
CATEGORY D	2.3 NM	550	569
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DAVENPORT, IA	ELEVATION: 751 AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1A	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZAU ARTCC MLI APP CON	N W S	OTHER: ASOS	SOURCE: KDVN / KMLI
	F A A		DISTANCE: 0 / 10.38
	A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KDVN		ADJUSTMENT: 0 / 47

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 15 (PCL)
		HIRL
	X	MIRLNSTD 21 (PCL), 03 (PCL) MIRL 33 (PCL), 15 (PCL)
	X	REIL 33 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) VASI-4L 21 (PCL), 33 (PCL), 15 (PCL), 03 (PCL)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-F 15
	INSTRUMENT	NPI-F 21, 33, 03
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 748.8
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 52.0
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: 04/05/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

BLOCK 3: ALTIMETER SETTING
SOURCE: KDVN/KMLI
DISTANCE: 10.36
ADJUSTMENT:46.65
ASOS ON SERVICE A.
VGSI DATA: 3.00/TCH 44 FT.

OBS #5 VERIFIED 4D AC VIA OEAAA CASE STUDY 1998-ACE-596-OE.
OBS #9 REQUEST 4D AC FROM FLIGHT CHECK.
OBS #19 VERIFIED 4D AC VIA OEAAA CASE STUDY 1998-ACE-556-OE.

LNAV/VNAV AND LNAV HAVE THE SAME INTERMEDIATE OBSTACLE AND AIRSPACE.
LPV INTERMEDIATE OBSTACLE: AAO 414142.00N/0903212.00W, 1034 (4E), 500, AC98 AT 768, 2400.
TERRAIN 414145.00N/0903154.00W, 834 (800), AS 1500, 2300.

52' TCH USED TO MITIGATE GQS PENETRATION: 765 ROAD (N) (KDVNT0051) 413705.67N/0903504.10W (1.06)

ISA DEVIATION: -30
LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 25.02:1

STRAIGHT IN AND CIRCLING TO RW21 AND CIRCLING TO RW03 NA AT NIGHT WHEN VGSI INOP DUE TO UNLIGHTED 20:1 PENETRATIONS.

TERPS, VOL 1, "VISUAL PORTION OF FINAL" PENETRATIONS:
RWY 21 34:1:
763 RD (N) (KDVNT0059) 413705.69N/0903458.59W (1.22)
763 RD (N) (KDVNT0058) 413705.69N/0903459.97W (2.74)
764 RD (N) (KDVNT0057) 413705.67N/0903501.35W (5.31)
765 RD (N) (KDVNT0056) 413705.65N/0903505.48W (10.91)
765 RD (N) (KDVNT0055) 413705.65N/0903506.84W (12.41)
774 TREE (KDVNT0052) 413705.21N/0903508.05W (23.89)
765 RD (N) (KDVNT0051) 413705.67N/0903504.10W (9.34)
764 RD (N) (KDVNT0050) 413705.67N/0903502.73W (6.83)
766 ROAD (N) (KDVN0024) 413705.65N/0903505.87W (12.34)
20:1:
765 RD (N) (KDVNT0056) 413705.65N/0903505.48W (7.21)
765 RD (N) (KDVNT0055) 413705.65N/0903506.84W (9.76)
774 TREE (KDVNT0052) 413705.21N/0903508.05W (22.97)
765 RD (N) (KDVNT0051) 413705.67N/0903504.10W (4.54)
764 RD (N) (KDVNT0050) 413705.67N/0903502.73W (0.97)
766 ROAD (N) (KDVN0024) 413705.65N/0903505.87W (8.94)
RWY 03 20:1:
753 TREE (KDVNT0002) 413624.40N/0903532.44W (3.14)

MAINTAIN CURRENT PUBLISHED MINIMUMS.

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV	NUTGE	JUNRI/1.70 NM TO	15. AAO	414006.05N/0903329.39W	1009 (2C)	250	RA47 DG34	1340
		RW21						
FINAL: LNAV STEPDOWN	JUNRI/1.70 NM TO	RW21	16. TWR (KDVNT0281)	413659.83N/0903425.16W	906 (1A)	250	XP20	1180
	RW21							

3. MISSED APPROACH									
	MAP:								
	ELEV:								

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

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE	ELEVATION: 751 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
DAVENPORT, IA	DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1A	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:			ADJUSTMENT:

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

5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	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		RUNWAY THRESHOLD	FT. FROM THRESHOLD
		ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

RADIO FIX AND HOLDING DATA RECORD

NAME: YODUP **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 412643.93N/0904250.59W **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	208.49	028.49	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-001512)	413003.00N/0904024.00W	1249	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLD PAT 1 OBSTACLE VERIFIED 4D AC VIA OEAAA CASE STUDY 1998-ACE-556-OE.
LOCATION STATE CHANGED FROM IOWA TO ILLINOIS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 03		1	KDVN	DAVENPORT	IA (US)
IAP	RNAV (GPS) RWY 21		1	KDVN	DAVENPORT	IA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
CORRECTED FIX STATE LOCATION.

DEVELOPED BY: **DATE:** 04/05/2012 **OFFICE:** AJV-353 **NAME:** ROY BARNETT

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: QUAD CITY APP CON
OTHER: