

LEGEND		
EXISTING	ITEM	PROPOSED
---	RUNWAY CENTERLINE	---
---	RUNWAY SAFETY AREA (RSA)	---
---	RUNWAY OBJECT FREE AREA (ROFA)	---
---	RUNWAY OBJECT FREE ZONE (ROFZ)	---
---	RUNWAY PROTECTION ZONE (RPZ)	---
---	TAXIWAY OBJECT FREE AREA (TOFA)	---
---	TAXIWAY SAFETY AREA	---
---	BUILDING RESTRICTION LINE	---
---	AIRPORT PAVEMENT	---
---	AIRPORT REFERENCE POINT	---
---	AIRPORT BUILDINGS	---
---	OTHER BUILDINGS	---
---	AIRPORT PROPERTY LINE	---
---	OTHER PROPERTY LINES	---
---	RAILROAD	---
---	FENCE	---
---	ROADS	---
---	TREELINE	---
---	WETLANDS	---
---	GROUND ELEVATION CONTOURS	---
---	PROPOSED LAND ACQUISITION	---
---	EASEMENT ACQUISITION	---
---	THRESHOLD LIGHTS	---
---	RUNWAY END IDENTIFICATION LIGHTS	---
---	PRECISION APPROACH PATH INDICATOR	---
---	VISUAL APPROACH SLOPE INDICATOR	---
---	MEDIUM INTENSITY APPROACH LIGHT SYSTEM	---
---	POWER LINE	---
---	TELEPHONE LINE	---
---	TILE LINE & INTAKE	---

ULTIMATE RUNWAY PROTECTION ZONE 1000' X 1750' X 2500' 50:1 SLOPE LOWER THAN 3/4 MILE

SOUTH BUTTERMILK ROAD RE-ALIGNMENT

EXISTING RUNWAY PROTECTION ZONE 1000' X 1750' X 2500' 50:1 SLOPE LOWER THAN 3/4 MILE

RAILROAD RIGHT OF WAY

ULTIMATE RUNWAY PROTECTION ZONE 500' X 700' X 1000' 34:1 SLOPE NOT LOWER THAN 1-MILE

EXISTING RUNWAY PROTECTION ZONE 500' X 700' X 1000' 34:1 SLOPE NOT LOWER THAN 1-MILE

NGS SURVEY CONTROL POINT  
DESIGNATION: DVN A 1975  
NAD 83 (2007) - 41°37'01.21365"N/090°35'38.92537"W

THE STATION IS A STANDARD TOP DISK STAMPED DVN A 1975 SET IN THE TOP OF A ROUND CONCRETE MONUMENT THAT IS FLUSH WITH THE GROUND.

ANNUAL CHANGE - 0'06"W  
MAGNETIC VARIANCE - N0°55'W (2010)  
SCOTT COUNTY, IOWA  
IOWA SOUTH ZONE (1402)  
HORIZONTAL DATUM: NAD83 (1996)  
VERTICAL DATUM: NAVD (1988)

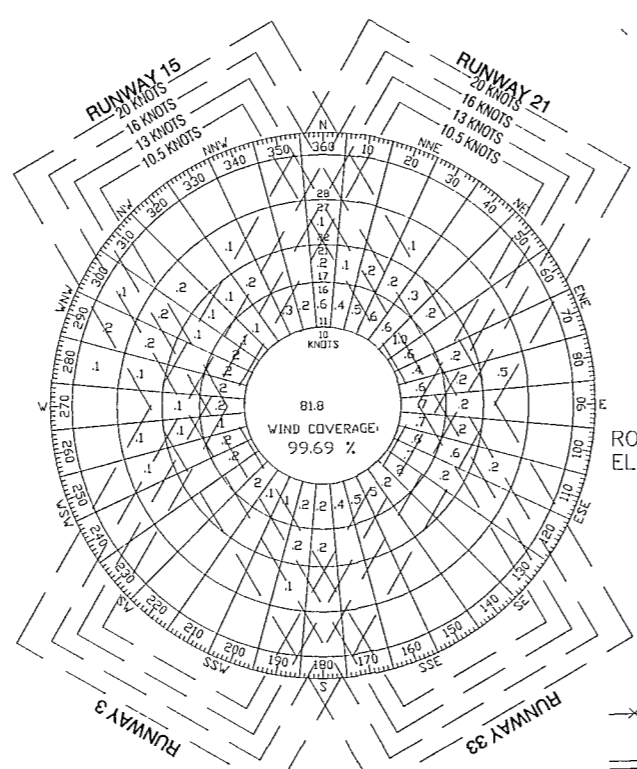
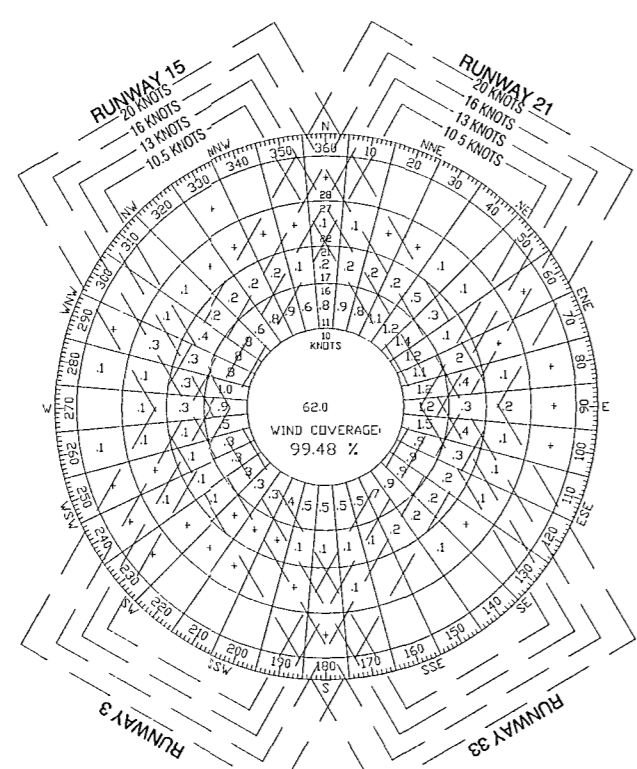
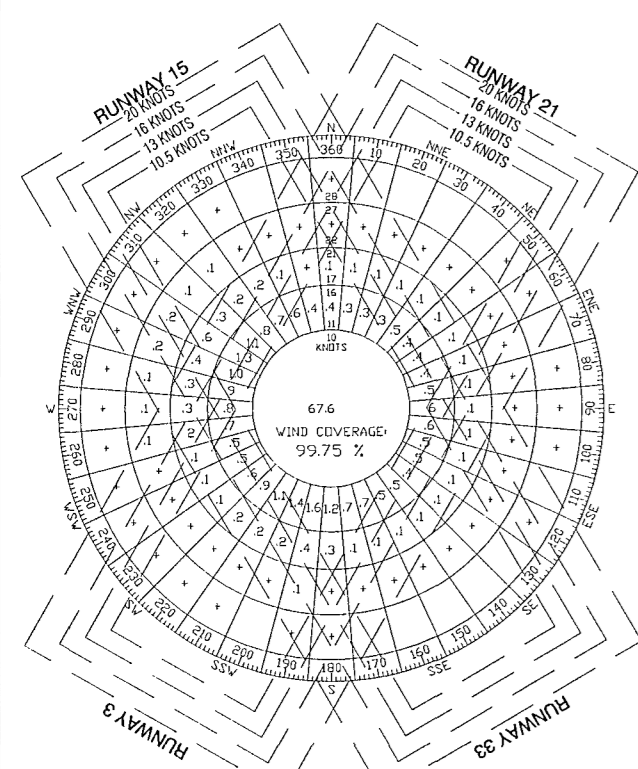
AIRPORT DATA TABLE		
AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	751'	753.8
AIRPORT REFERENCE POINT (NAD 83)		
LATITUDE	41°36'37.013"N	41°36'38.246"N
LONGITUDE	90°35'18.114"W	90°35'22.454"W
AIRPORT ELECTRONIC AIDS	ILS/DME, VOR, GPS, LOC	ILS/DME, VOR, GPS, LOC
MEAN MAX TEMPERATURE OF THE HOTTEST MONTH	86.1	86.1
MAGNETIC VARIATION	0°55'W	2°35'W
DATE OF MAGNETIC VARIATION	2010	2030
NPAS SERVICE LEVEL	GENERAL AVIATION	GENERAL AVIATION
STATE SERVICE LEVEL	ENHANCED SERVICE	ENHANCED SERVICE
AIRPORT REFERENCE CODE	C-II	D-II
DESIGN AIRCRAFT CATEGORY	75% OF FLEET	100% OF FLEET / REGIONAL JET

NOTES:  
THERE ARE NO OFZ OBJECT PENETRATIONS.  
THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.  
THERE ARE NO MODIFICATIONS TO AIRPORT DESIGN STANDARDS  
AIRSPACE CASE NO. XXXX-XXX-XXX-XXX

DISCLAIMER STATEMENT

"The preparation of this document may have been supported, in part, through the Airport Improvement Program financial assistance from the Federal Aviation Administration Project Number 3-19-0024-14-2009 as provided under Title 49 U.S.C., Section 47104. The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this report by the FAA does not in any way constitute a commitment on the part of the United States to participate in any development depicted therein nor does it indicate that the proposed development is environmentally acceptable or would have justification in accordance with appropriate public laws."

RUNWAY DATA	RUNWAY 15 / 33		RUNWAY 3 / 21	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE (APC)	C-II	B-II	B-II	B-II
RUNWAY LENGTH	5511'	4900'	4800'	4800'
RUNWAY WIDTH	100'	100'	100'	100'
EFFECTIVE GRADIENT (%)	0.14%	0.15%	0.21%	0.21%
MAXIMUM GRADIENT CHANGE	7.5'	10.7'	2.7'	5.1'
RUNWAY LIGHTING	MIRL	MIRL	MIRL - NON STANDARD	MIRL
RUNWAY MARKING	PIR	PIR	PIR	PIR
PAVEMENT MATERIAL	PCC	PCC	PCC	PCC
PAVEMENT DESIGN STRENGTH				
SINGLE WHEEL	68,000 LBS	68,000 LBS	68,000 LBS	68,000 LBS
DUAL WHEEL	93,000 LBS	93,000 LBS	93,000 LBS	93,000 LBS
DUAL Tandem Wheel	122,000 LBS	122,000 LBS	122,000 LBS	122,000 LBS
RUNWAY SAFETY AREA (RSA)				
LENGTH BEYOND RUNWAY	1000'	1000'	300'	300'
WIDTH	400'	500'	150'	150'
RUNWAY OBJECT FREE AREA (ROFA)				
LENGTH BEYOND RUNWAY	1000'	1000'	300'	300'
WIDTH	800'	800'	500'	500'
OBSTACLE FREE ZONE (OFZ)	5911' X 400'	7300' X 400'	4401' X 400'	5200' X 400'
TAXIWAY WIDTH	50'	50'	35'	35'
TAXIWAY LIGHTING	MIRL	MIRL	MIRL	MIRL
APPROACH SURFACE SLOPE	15' / 33'	3' / 21'	3' / 21'	3' / 21'
ELECTRONIC AIDS	ILS, GPS / GPS	ILS, GPS / GPS	VOR, GPS / GPS, VOR	VOR, GPS / GPS, VOR
VISUAL APPROACH AIDS	VASI-4, MALSR / VASI-4, REIL	VASI-4, MALSR / VASI-4, REIL	VASI-4 / VASI-4	VASI-4 / VASI-4
APPROACH VISIBILITY MINIMUMS	1/2 MILE / 1 MILE	1/2 MILE / 1 MILE	1 MILE / 1 MILE	3/4 MILE / 1 MILE
FAR PART 77 CATEGORY	PIR / C	PIR / C	C / C	D / C
AERONAUTICAL SURVEY TYPE REQUIRED				WITH VERTICAL GUIDANCE
TDZ ELEVATION (MSL)	750.6 / 748.8	753.8 / 748.6	749.5 / 749.5	749.5 / 749.5
RUNWAY END COORDINATES (NAD 83)				
LATITUDE	41°36'55.388"N / 41°36'08.448"N	41°37'07.219"N / 41°36'08.448"N	41°36'28.842"N / 41°37'01.220"N	41°36'18.214"N / 41°36'59.463"N
LONGITUDE	90°35'36.430"W / 90°34'59.668"W	90°35'45.695"W / 90°34'59.668"W	90°35'31.198"W / 90°35'05.213"W	90°35'37.718"W / 90°35'06.541"W
RUNWAY END ELEVATIONS (MSL)	750.6 / 743.1	753.8 / 743.1	746.8 / 748.8	744.4 / 748.8
TAKEOFF RISK AVAILABLE (TORA)	5511'	6900'	4001'	4900'
TAKEOFF DISTANCE AVAILABLE (TODA)	5511'	6900'	4001'	4900'
ACCELERATE STOP DISTANCE AVAILABLE	5511'	6900'	4001'	4900'
LANDING DISTANCE AVAILABLE (LDA)	5511'	6900'	4001'	4900'



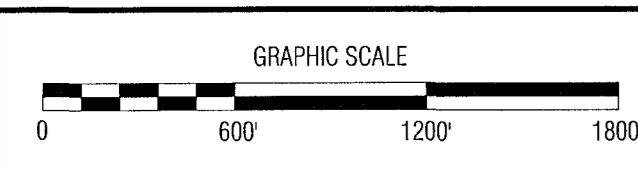
ALL-WEATHER CONDITIONS  
WEATHER STATION: DAVENPORT, IOWA  
1999 - 2008

IFR CONDITIONS-VISIBILITY <3 MILES  
WEATHER STATION: DAVENPORT, IOWA  
1999 - 2008

CLOSED CONDITIONS  
WEATHER STATION: DAVENPORT, IOWA  
1999 - 2008

RUNWAY	ALL WEATHER				IFR CONDITIONS				CLOSED CONDITIONS			
	10.0 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS	10.5 KNOTS	13 KNOTS	16 KNOTS	20 KNOTS
15/33	85.56%	82.11%	97.21%	99.22%	80.53%	88.87%	95.71%	98.61%	89.51%	93.57%	97.31%	99.01%
3/21	83.73%	89.65%	95.62%	90.44%	79.59%	87.23%	94.54%	97.95%	90.92%	93.94%	96.55%	98.40%
Combined	94.31%	97.51%	99.03%	99.75%	91.60%	96.07%	98.31%	99.48%	95.17%	97.35%	98.66%	99.69%

8.8% OF ALL-WEATHER READINGS WERE IFR CONDITIONS



NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE

**CGA** Clapsaddle-Garber Associates, Inc  
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www.cgaconsultants.com

DESIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_  
DRAWN: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED: \_\_\_\_\_ DATE: \_\_\_\_\_  
APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

**DAVENPORT MUNICIPAL AIRPORT**  
DAVENPORT, IOWA

**AIRPORT LAYOUT DRAWING**

PROJECT NO. 4335.03  
SHEET NO. 2

**CONDITIONAL APPROVAL**  
The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated 6/17/13 may not be undertaken without prior written environmental approval by the Federal Aviation Administration. This approval action does not imply any commitment for Federal funding, or approval of future structures requiring notice under FAR Part 77.  
*Scott A. ...*  
Airport Planning Engineer  
FAA Central Region  
Date: 6/17/13

APPROVED:  
*Scott A. ...*  
CITY OF DAVENPORT, IOWA

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