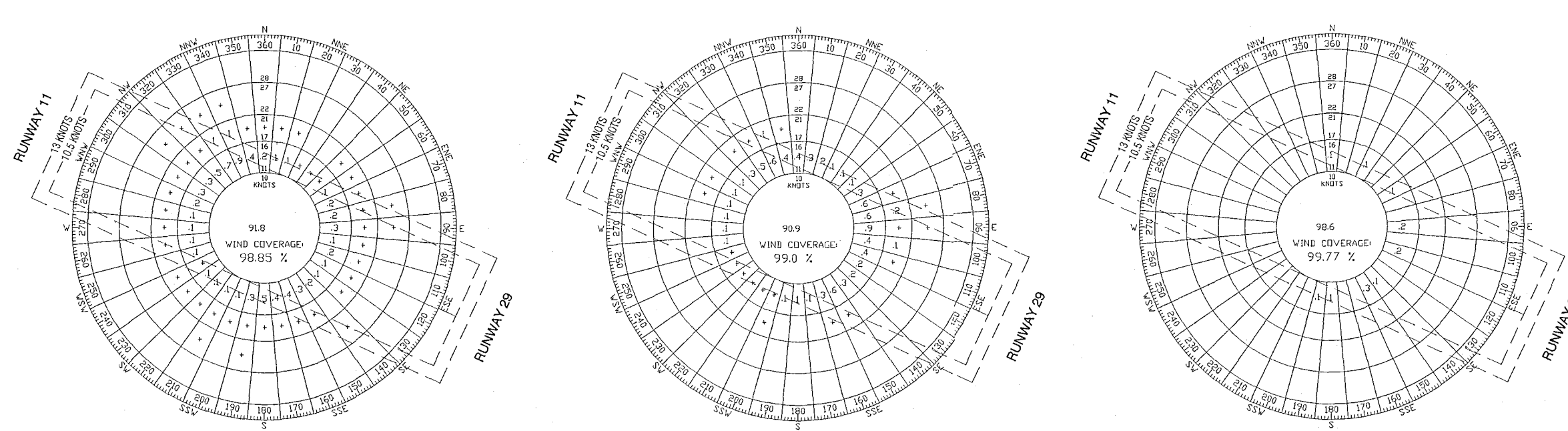


ANNUAL CHANGE - 0°06'W MAGNETIC VARIANCE - 0°11'W (2010)
 WINNEBAGO COUNTY, IOWA
 IOWA NORTH ZONE (1401)
 HORIZONTAL DATUM: NAD83 (2007)
 VERTICAL DATUM: NAVD (2007)



ALL-WEATHER CONDITIONS
 WEATHER STATION: AWOS - DECORAH, IOWA
 2000 - 2009

IFR CONDITIONS VISIBILITY < 3 MILES
 WEATHER STATION: AWOS - DECORAH, IOWA
 2000 - 2009

CLOSED CONDITIONS
 WEATHER STATION: AWOS - DECORAH, IOWA
 2000 - 2009

RUNWAY	WIND COVERAGE					
	ALL WEATHER		IFR CONDITIONS		CLOSED CONDITIONS	
11/29	10.5 KNOTS	13 KNOTS	10.5 KNOTS	13 KNOTS	10.5 KNOTS	13 KNOTS
	97.12%	98.85%	97.28%	99.07%	99.83%	99.77%

97% OF ALL WEATHER READINGS WERE IFR CONDITIONS

EXIST & ULT RUNWAY PROTECTION ZONE (500x700x1000)

EXIST & ULT RUNWAY END ELEV=1145.5 (LOW POINT)

EXIST & ULT RUNWAY END ELEV=1157.5 (HIGH POINT)

NOTES:
 THERE ARE NO OFZ OBJECT PENETRATIONS.
 THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
 THERE ARE NO MODIFICATIONS TO DESIGN STANDARDS.

EXISTING AWOS (TO BE RELOCATED)
 EXISTING NDB

NGS SURVEY CONTROL POINTS
 DESIGNATION: DECOPORT
 NAD 83 (1996) - 43°16'29.36754"N/091°44'12.21798"W
 THE STATION IS A PUNCH MARK ON TOP OF A STAINLESS STEEL ROD DRIVEN INTO THE GROUND AND ENCASED IN A 5-INCH PVC PIPE WITH A LOGO CAP.
 DESIGNATION: DECOPORT AZ MK
 NAD 83 (1996) - 43°16'40.55275"N/091°44'45.86360"W
 THE STATION IS A PUNCH MARK ON TOP OF A STAINLESS STEEL ROD DRIVEN INTO THE GROUND AND ENCASED IN A 5-INCH PVC PIPE WITH A LOGO CAP.

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	---
---	PROPOSED BASEMENT ACQUISITION	---
---	PAVEMENT TO BE REMOVED	---
---	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	---

RUNWAY DATA TABLE		
RUNWAY DATA	EXISTING	ULTIMATE
EFFECTIVE GRADIENT (%)	0.29%	0.29%
MAXIMUM GRADIENT CHANGE	11.7	11.7
MAX. ELEVATION (MSL)	1157.5	1157.5
RUNWAY LENGTH	4001'	4001'
RUNWAY WIDTH	75'	75'
DISPLACED THRESHOLD	0' / 0'	0' / 0'
USABLE RUNWAY LENGTH	4001'	4001'
SURFACE TYPE	CONCRETE	CONCRETE
PAVEMENT STRENGTH		28,000
SINGLE WHEEL	28,000	28,000
DUAL WHEEL		
APPROACH SURFACE SLOPE	34:1 / 34:1	34:1 / 34:1
APPROACH MINIMUMS	VISUAL / 1 MILE	1 MILE / 1 MILE
VISUAL APPROACH AIDS	REIL / VASL / REIL	PAPI / REIL / PAPI / REIL
RUNWAY LIGHTING	MRL	MRL
RUNWAY MARKING	NPRI	NPRI
AIRPORT REFERENCE CODE (ARC)	B-I	B-I
CRITICAL AIRCRAFT	BEECH C90	BEECH C90
RUNWAY OBJECT FREE AREA (ROFA)	300' / 300'	300' / 300'
LENGTH BEYOND RUNWAY	300'	300'
WIDTH	500'	500'
RUNWAY SAFETY AREA (RSA)	300' / 300'	300' / 300'
LENGTH BEYOND RUNWAY	150'	150'
WIDTH	4400' x 400'	4400' x 400'
OBJECT FREE ZONE (OFZ)	C (NP)	C (NP)
FAR PART 77 CATEGORY	C (NP)	C (NP)
RUNWAY END COORDINATES (NAD 83)		
LATITUDE	43°16'40.000"N / 43°16'29.597"N	43°16'40.000"N / 43°16'29.597"N
LONGITUDE	91°44'46.320"W / 91°43'57.175"W	91°44'46.320"W / 91°43'57.175"W
RUNWAY END ELEVATIONS (MSL)	1145.5 / 1157.5	1145.5 / 1157.5
DISPLACED THRESHOLD ELEVATION (MSL)		
TDZ ELEVATION (MSL)	1154.6 / 1157.5	1154.6 / 1157.5
LINE OF SIGHT VIOLATIONS	NONE	NONE

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 3-19-0025-09-2012 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."

CONDITIONAL APPROVAL
 The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated 5/21/14 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.
 [Signature]
 Airport Planning Engineer
 FAA Central Region
 Date

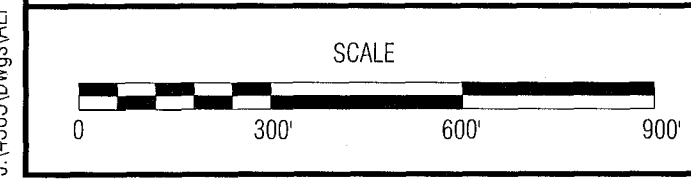
AIRPORT DATA TABLE		
AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	1158.0	1158.0
AIRPORT REFERENCE POINT (NAD 83)		
LATITUDE	43°16'31.841"N	43°16'31.841"N
LONGITUDE	91°44'21.744"W	91°44'21.744"W
MEAN MAX TEMPERATURE OF THE HOTTEST MONTH	83.6°F	83.6°F
AIRPORT TERMINAL AREA NAVAIDS	GPS, NDB, VOR	GPS, NDB, VOR
MAGNETIC VARIATION	N 0°11' W	N 2°49' W
DATE OF MAGNETIC VARIATION	2010	2035
NPAS SERVICE LEVEL	GENERAL AVIATION	GENERAL AVIATION
STATE SERVICE LEVEL	GENERAL SERVICE	GENERAL SERVICE
AIRPORT REFERENCE CODE	B-I	B-I
TAXIWAY LIGHTING	MTL	MTL
TAXIWAY MARKING	NON-CERTIFICATED	NON-CERTIFICATED

DECLARED DISTANCES							
RUNWAY END ID	TORA	TODA	ASDA	LDA	LDA		DATE OF APPROVAL
					APPROACH END RSA LENGTH	STOP END RSA LENGTH	
EXISTING 11	4001'	4001'	4001'	4001'	300'	4607'	
EXISTING 29	4001'	4001'	4001'	4001'	300'	4607'	
ULTIMATE 11	4001'	4001'	4001'	4001'	300'	4607'	
ULTIMATE 29	4001'	4001'	4001'	4001'	300'	4607'	

RUNWAY SAFETY AREA DETERMINATION					
RUNWAY END ID	STANDARD RSA		ACTUAL RSA		DATE APPROVED
	LENGTH BEYOND RUNWAY	LENGTH BEYOND RUNWAY	VIOLATIONS TO RSA* ALONG SIDE OF RUNWAY	RSA DETERMINATION	
11	300'	300'	NONE		
29	300'	300'	NONE		

FACILITIES TABLE				
NO.	FACILITY NAME	PROPOSED		
		TOP ELEVATION	NO.	TOP ELEVATION

APPROVED:
 [Signature]
 CITY OF DECORAH
 DATE: May 21, 2014



NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE
1	UPDATED	TJA	1-02	4	UPDATED	TJA	5-07
2	UPDATED	TJA	12-04	5	UPDATED	WLB	8-13
3	UPDATED	TJA	2-06	6	UPDATED	WLB	1-14

CGA
 Clapsaddle-Garber Associates, Inc.
 16 East Main Street
 Marshalltown, Iowa 50158
 PH 641-752-6701
 WWW.CGAINSTALLMENTS.COM

DESIGNED: _____ DATE: _____
 DRAWN: _____ DATE: _____
 CHECKED: _____ DATE: _____
 APPROVED: _____ DATE: _____

DECORAH MUNICIPAL AIRPORT
 DECORAH, IOWA

AIRPORT LAYOUT DRAWING

PROJECT NO. 4385.03
 SHEET NO. 2 of 10

J:\4385\DWG\AUP_UPDATE_2013\base.dwg - Sht 2 - 05-15-14 - 12:22pm - wld278