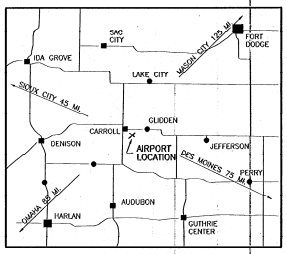
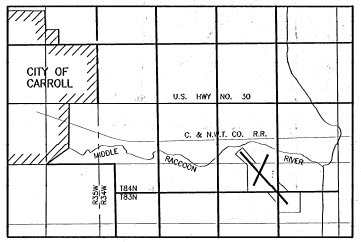
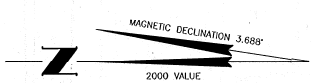
CopySystems Demo

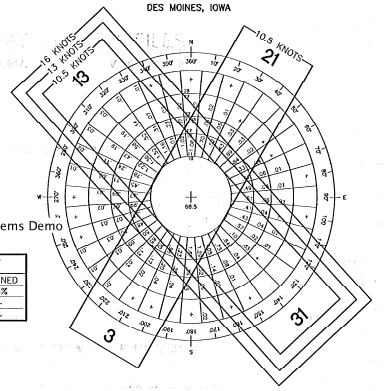


LOCATION MAP



VICINITY MAP





WIND COVERAGE SUMMARY			
RUNWAY	13/31	3/21	COMBINED
10.5 KNOTS	91.3%	85.4%	96.4%
13.0 KNOTS	97.0%	--	--
16.0 KNOTS	98.4%	--	--

AIRPORT DATA

ITEM	EXISTING	FUTURE
AIRPORT DATUM	NAD 83	NAD 83
AIRPORT ELEVATION	1203.7	1203.7
MEAN MAX DAILY TEMP	86.1°	86.1°
A.R.P. COORDINATES		42 02 48.033N 94 47 19.221W
NAVAIDS – AIRPORTS	NDB/GPS	NDB/GPS
TAXIWAY LIGHTING & MARKING	MITL	MITL
CRITICAL AIRCRAFT	FAL 50	HS 125
AIRPORT REFERENCE CODE	C-II	C-II

RUNWAY END COORDINATES

	EXISTING	FUTURE
R/W 31	42 02 26.30N 94 46 54.21W	SAME
R/W 13	42 03 05.93N 94 47 05.73W	SAME
R/W 21	42 02 58.57N 94 47 08.93W	SAME
R/W 03	42 02 38.56N 94 47 20.66W	SAME

SURVEY CONTROL POINT – FBN W-89

NAD 83	42 03 19.07N 94 47 01.27W
NAVD 88	ELEV. 1200.91

RUNWAY DATA

ITEM	RUNWAY 13/31		RUNWAY 03/21	
	EXISTING	FUTURE	EXISTING	FUTURE
APPROACH CATEGORY/DESIGN GROUP	C-II	C-II	B-I	B-I
RUNWAY LENGTH/WIDTH	5500x100	5500x100	3300x60	3300x60
RUNWAY MARKINGS	NON-PREC INSTRUMENT	NON-PREC INSTRUMENT	BASIC	BASIC
RUNWAY LIGHTING	MIRL	MIRL	MIRL	MIRL
PAVEMENT MATERIAL	P.C.C.	P.C.C.	P.C.C.	P.C.C.
PAVEMENT STRENGTH (000)	30,000lbs	30,000lbs	12,500lbs	12,500lbs
RUNWAY SAFETY AREA (RSA) LENGTH	7000	7000	3780	3780
RUNWAY SAFETY AREA (RSA) WIDTH	400	400	120	120
R/W OBJECT FREE AREA (OFA) LENGTH	7000	7000	3900	3900
R/W OBJECT FREE AREA (OFA) WIDTH	800	800	400	400
OBSTACLE FREE ZONE (OFZ) LENGTH	5900	5900	3700	3700
OBSTACLE FREE ZONE (OFZ) WIDTH	400	400	250	250
TAXIWAY WIDTH	35'	35'	25'	25'
TAXIWAY LIGHTING	MITL	MITL	MITL	MITL
EFFECTIVE GRADIENT %	0.115	0.115	0.048	0.048
	13	31	13	31	3	21	3	21
APPROACH SURFACE SLOPE	34:1	34:1	34:1	34:1	20:1	20:1	20:1	20:1
ELECTRONIC NAV AIDS	NDB/GPS	NDB/GPS	NDB/GPS	NDB/GPS			NDB/GPS	NDB/GPS
VISUAL APPROACH AIDS	PAPI-REIL	PAPI-REIL	PAPI-REIL	PAPI-REIL			VASI-REIL	VASI-REIL
APPROACH VISIBILITY MINIMUMS	>1M ≥500'	>1M ≥500'	>1M ≥500'	>1M ≥500'	V	V	V	V
TOUCHDOWN ZONE ELEVATION	1204	1203	1204	1203	1201	1201	1201	1201
TAKEOFF RUN AVAILABLE (TORA)	5500'	5000'	5500'	5000'	3300	3300	3300	3300
TAKEOFF DISTANCE AVAILABLE (TODA)	5500'	5000'	5500'	5000'	3300	3300	3300	3300
ACCEL/STOP DISTANCE AVAILABLE (ASDA)	5500'	5000'	5500'	5000'	3300	3300	3300	3300
LANDING DISTANCE AVAILABLE (LDA)	5000'	5000'	5000'	5000'	3300	3300	3300	3300

NOTES

There are no OFZ Object Penetrations
There are no Threshold Siting Surface Object Penetrations
There are no Modifications to Design Standards

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated 7/5/07 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.

Airport Planning Engineer
FAA Central Region

7/5/07
Date

CERTIFICATION

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

C. PETER CRAWFORD 8152 — LICENSED PROFESSIONAL ENGINEER — IOWA

C. Peter Crawford, P.E. 1-14-08
My license renewal date is December 31, 2009

Pages or sheets covered by this seal:
SHEETS 1 – 9

LEGEND

EXISTING	FUTURE	DESCRIPTION
		FACILITIES
		EASEMENTS
		PROPERTY LINE (FEE ACQUISITION)
BRL	BRL	BUILDING RESTRICTION LINE
		FENCE LINE & PROPERTY LINE
1200	1200	GROUND CONTOURS
+ 1212.5	+ 1212.5	SPOT ELEVATIONS
		AIRPORT REFERENCE POINT
		POWER POLE
		AREA LIGHTS
		SECTION CORNER
BM 0	BM 0	BENCH MARK
		RUNWAY THRESHOLD LIGHTS
		BEACON LIGHT
		DRAINAGE STRUCTURES
RVZ	RVZ	RUNWAY VISIBILITY ZONE
		FUEL PUMPS
		TURF RUNWAY THRESHOLD MARKERS
		RUNWAY SAFETY AREA
		RUNWAY OBJECT FREE AREA/O.F.A.
		A-7 AIRCRAFT AND PEDESTAL

BUILDINGS

NO.	STRUCTURE
1	EXISTING ADMINISTRATION AND F.B.O.
2	EXISTING AIRCRAFT MAINTENANCE/HANGAR
3,5,6	EXISTING HANGARS
4	CopySystems Demo
7,8	FUTURE HANGARS
9	EXISTING AND FUTURE LIGHT BEACON
10	EXISTING WIND CONE (LIGHTED)
11	EXISTING RADIO BEACON (N.D.B.)
12	FUTURE RADIO BEACON (N.D.B.)
13	EXISTING AWOS

APPROVAL BLOCK

CARROLL AIRPORT COMMISSION — DATE 2-14-08

NO.	REVISIONS	BY	APPD.	DATE
1	UPDATED FOR PROJ # 3-19-0011-07 & 08 AS BUILTS			
	CONSTRUCTION OF R/W 3/21	BK	CPC	11/07
2				

DRAWN BY	DATE	APPROVED BY	DATE
LMD	FEB 2000	CPC	FEB 2000

PREPARED BY:
JFSCO ENGINEERING, P.C.
CONSULTING ENGINEERS

CopySystems Demo
ARTHUR N. NEU AIRPORT
CARROLL, IOWA

AIRPORT LAYOUT PLAN

SHEET 1 OF 9