

CONDITIONAL APPROVAL

The approval indicated by my signature is given subject to the condition that the items identified in our approval letter dated 6/12/09 may not be undertaken without prior written environmental approval by the Federal Aviation Administration. This approval action does not imply an commitment for Federal funding, or approval of future structures requiring notice under FAR Part 77.

Scott O. ...
 Airport Planning Engineer
 FAA Central Region

Date: 6/12/09

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0 600

Magnetic Declination: 0° 37' E
 Annual Rate of Change: 0° 6' W
 July 7, 2010
 NOAA National Geophysical Data Center

APPROVED:

... 5/20/10

CITY OF BLOOMFIELD DATE

Building Table	
No.	EXISTING
1	Maintenance Hangar
2	Pilot Lounge
3	Tee Hangar
4	Tee Hangar
5	Fuel Storage Tank

WIND DATA		
RWY 18/36		
WIND SPEED	ALL WEATHER	IFR CONDITIONS
10.5 KNOTS	87.49%	81.11%
13.0 KNOTS	93.06%	89.22%
16.0 KNOTS	97.59%	95.88%

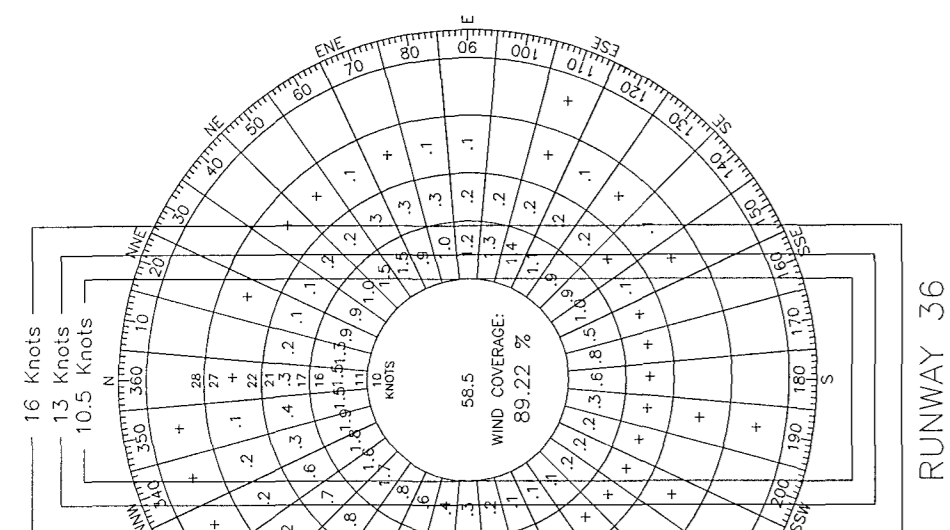
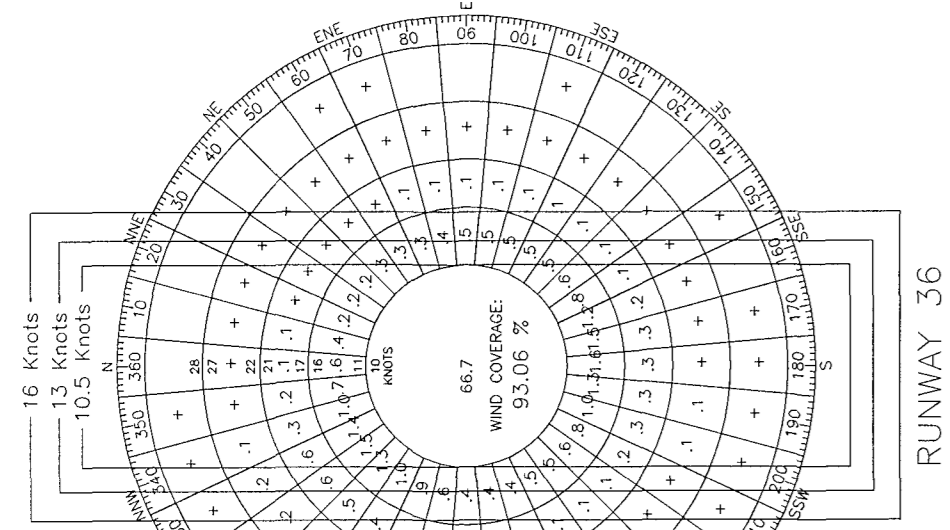
SOURCE: OTTUMWA MUNICIPAL AIRPORT
 Period 1999-2008

DESCRIPTION	EXISTING	FUTURE	ULTIMATE
AIRPORT PROPERTY LINE	PL		
BUILDING RESTRICTION LINE			
RUNWAY VISIBILITY ZONE/LINE OF SIGHT	N/A	N/A	N/A
RUNWAY PROTECTION ZONE	RPZ-EX	RPZ-FUT	RPZ-ULT
RUNWAY PROTECTION ZONE EASEMENT			
RUNWAY SAFETY AREA	RSA	RSA-FUT	RSA-ULT
OBJECT FREE AREA	OFA	OFA-FUT	OFA-ULT
BUILDING - STRUCTURES			
PRECISION APPROACH PATH INDICATOR (PAPI)	-	-	■
RUNWAY END IDENTIFIER LIGHTS (REIL)	-	-	△
THRESHOLD LIGHTS	●●●● ●●●●	○○○○ ○○○○	○○○○ ○○○○

	DECLARED DISTANCE TABLE			
	RUNWAY 18		RUNWAY 36	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
TAKEOFF RUNWAY AVAILABLE (TORA)	3401	4200	3401	4200
TAKEOFF DISTANCE AVAILABLE (TODA)	3401	4200	3401	4200
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	3401	4200	3401	4200
LANDING DISTANCE AVAILABLE (LDA)	3401	4200	3401	4200

RUNWAY DATA	RUNWAY 18			RUNWAY 36		
	EXISTING-A(V)	FUTURE-A(NP)	ULTIMATE-C(NP)	EXISTING-A(NP)	FUTURE-A(NP)	ULTIMATE-C(NP)
APPROACH CATEGORY & DESIGN GROUP	ARC B-I	ARC B-I	ARC B-I	ARC B-I	ARC B-I	ARC B-I
RUNWAY (LENGTH/WIDTH)	3,401/150'	4,000/60'	4,200/60'	3,401/150'	4,000/60'	4,200/60'
TOUCHDOWN ZONE ELEVATION (TDZE)	882.3	885.2	886.0	886.5	886.5	886.5
INSTRUMENT RUNWAY	-	GPS(1)	GPS(1)	NDB(1), GPS(1)	NDB(1), GPS(1)	NDB(1), GPS(1)
PART 77 APPROACH SURFACE TYPE, SLOPE	20:1	20:1	34:1	20:1	20:1	34:1
PAVEMENT MATERIAL	PCC	PCC	PCC	PCC	PCC	PCC
PAVEMENT DESIGN STRENGTH (SW)	12,500' SW	12,500' SW	12,500' SW	12,500' SW	12,500' SW	12,500' SW
RUNWAY EDGE & THRESHOLD LIGHTING	MIRL	MIRL	MIRL	MIRL	MIRL	MIRL
RUNWAY MARKINGS	NPI	NPI	NPI	NPI	NPI	NPI
TAXIWAY WIDTH	30'	30'	30'	30'	30'	30'
TAXIWAY LIGHTING	MITL	MITL	MITL	MITL	MITL	MITL
ELECTRONIC AIDS (1)	-	GPS	GPS	NDB, GPS	NDB, GPS	NDB, GPS
VISUAL AIDS	-	PAPI-REIL	PAPI-REIL	-	PAPI-REIL	PAPI-REIL
RUNWAY SAFETY AREA (LENGTH/WIDTH)	3,880/120'	4,480/120'	4,680/120'	3,880/120'	4,480/120'	4,680/120'
OBJECT FREE AREA (LENGTH/WIDTH)	3,880/250'	4,480/250'	4,680/250'	3,880/250'	4,480/250'	4,680/250'
OBSTACLE FREE ZONE (LENGTH/WIDTH)	3,800/250'	4,400/250'	4,600/250'	3,800/250'	4,400/250'	4,600/250'
RUNWAY END	LATITUDE	40°44'12.34" N	40°44'18.26" N	40°44'20.24" N	40°43'38.74" N	40°43'38.74" N
COORDINATES						
NAD 83	LONGITUDE	092°25'42.0" W	092°25'42.07" W	092°25'42.09" W	092°25'41.58" W	092°25'41.58" W

(1) VISIBILITY NOT LESS THAN ONE MILE



	AIRPORT DATA	
	EXISTING	ULTIMATE
AIRPORT ELEVATION	888	888
AIRPORT REFERENCE POINT (ARP)	LAT. 40 43'55.20" N LONG. 092 25'42.67" W	LAT. 40 43'59.49" N LONG. 092 25'41.84" W
MEAN MAX. TEMP.	88°	88°
AIRPORT NAVAIDS	NDB, GPS	NDB, GPS
ROTATING BEACON	YES	YES
SEGMENTED CIRCLE	NO	NO
LIGHTED WIND INDICATOR	YES	YES
REILS	NO	YES
AWOS	NO	YES
AIRPORT REFERENCE CODE	ARC B-I	ARC B-I
CRITICAL DESIGN AIRCRAFT	Beech Baron 58	Beech Baron 58

MODIFICATIONS TO AIRPORT DESIGN STANDARDS			
APPROVAL DATE	AIRSPACE CASE NO.	STANDARD MODIFIED	DESCRIPTION
NONE	NONE	NONE	NONE
NONE	NONE	NONE	NONE

NOTES:
 THERE ARE NO OFZ OBJECT PENETRATIONS.
 THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
 THERE ARE NO MODIFICATIONS TO DESIGN STANDARDS.
 NAD83 (HORIZONTAL COORDINATES) AND NAVD88 (MSL) DATUM ARE USED.

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NO.	REVISION	DESCRIPTION	APPROVED	DATE

FRENCH-RENEKER-ASSOCIATES, INC.
 Fairfield, Iowa Engineers & Surveyors

ANDERSON-BOGERT
 Engineers & Surveyors, Inc.

Drawn By: CVP
 Date: 6/8/09
 Project No. 204201

Approved By: JCD
 Scale: See Bar

Bloomfield
 Municipal Airport

Airport Layout
 Plan

SHEET NO.
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