

RUNWAY END COORDINATES - NAD 83							
RUNWAY 18		RUNWAY 36		RUNWAY 14		RUNWAY 32	
EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
LATITUDE	42° 23'01.207" N	42° 23'01.207" N	42° 22'20.714" N	42° 22'20.714" N	42° 23'01.625" N	42° 23'00.659" N	42° 22'41.221" N
LONGITUDE	84° 58'45.767" W	84° 58'45.767" W	84° 58'46.325" W	84° 58'46.325" W	84° 58'55.073" W	84° 58'57.541" W	84° 58'39.062" W

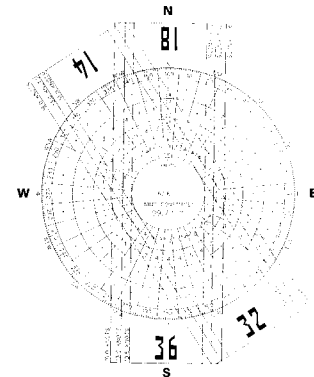
AIRPORT DATA		
	EXISTING	ULTIMATE
AIRPORT ELEVATION	1250.0'	1249.5'
AIRPORT REFERENCE CODE	AIC 04-I	AIC 04-II
AIRPORT REFERENCE POINT (ARP)	42° 22'46.9" N 84° 58'46.5" W	42° 22'44.5" N 84° 58'46.5" W
MEAN MAX. TEMP.	86° F	88° F
AIRPORT NAVIGATIONAL AID	NDB, GPS	NDB, GPS
ROTATING BEACON	YES	YES
SEGMENTED CIRCLE	YES	YES
LIGHTED WIND INDICATOR	YES	YES

HOLDING POSITION TABLE		
HOLDING POSITION	HOLD TYPE	DISTANCE
HL 1	RUNWAY	300'
HL 2	RUNWAY	200'
HL 3	RUNWAY	150'
HL 4	RUNWAY	125'

• DISTANCE IS MEASURED REFERENCING FROM RUNWAY CENTERLINE

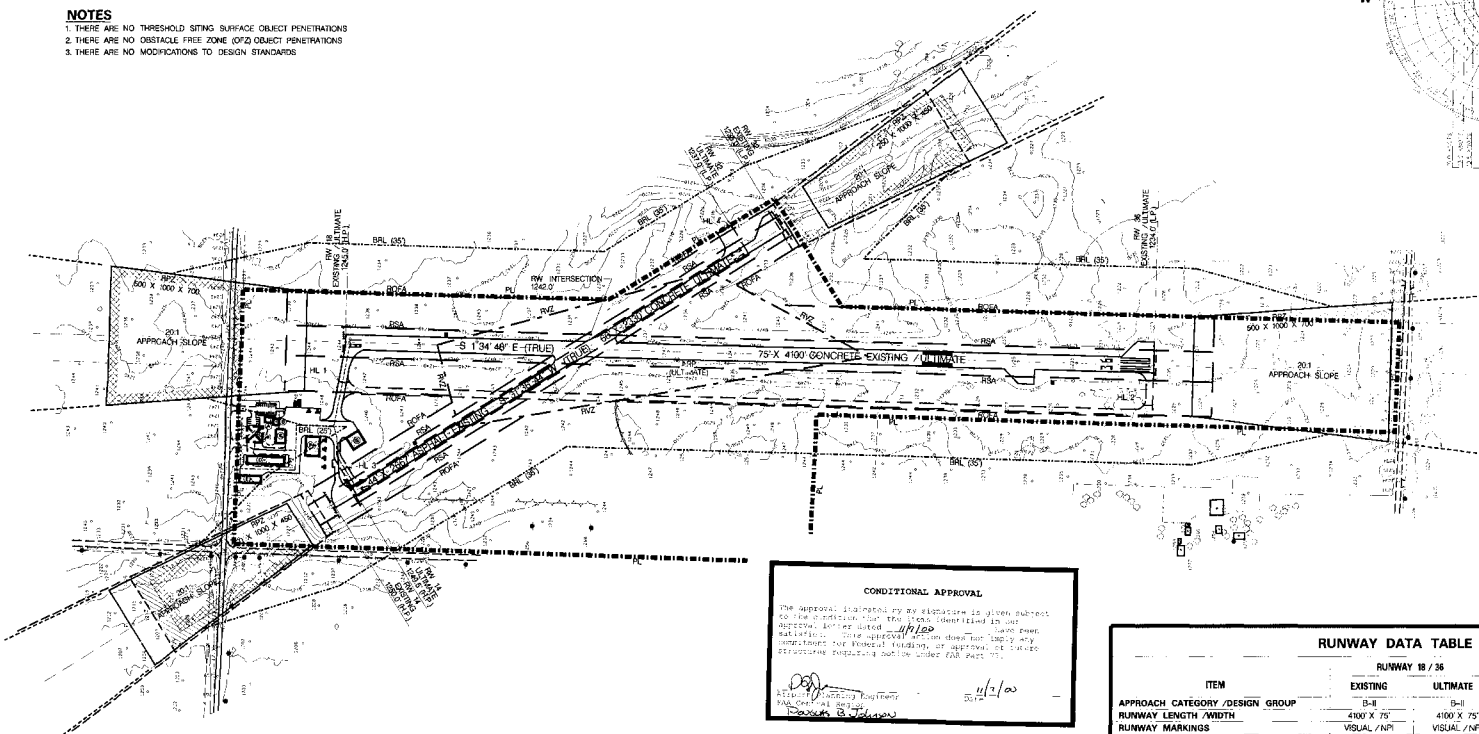
WIND DATA			
CROSSWINDS	RWY 18/36	RWY 14/32	COMBINED
10.5 KNOTS	87.83	92.70	96.88
13.0 KNOTS	93.74	96.34	98.74
16.0 KNOTS	97.75	98.97	99.70

SOURCE: SIOUX CITY MUNICIPAL AIRPORT PERIOD: 1985-1994



BUILDING IDENTIFICATION			
A	AIRPORT MANAGER RESIDENCE	E	TEE HANGAR-B UNIT
B	TERMINAL	F	CONV. HANGAR
C	MAINTENANCE	G	CARDUSSEL HANGAR
D	TEE HANGAR-A UNIT	H	FUTURE HANGAR

- NOTES**
1. THERE ARE NO THRESHOLD STING SURFACE OBJECT PENETRATIONS
 2. THERE ARE NO OBSTACLE FREE ZONE (OFZ) OBJECT PENETRATIONS
 3. THERE ARE NO MODIFICATIONS TO DESIGN STANDARDS



CONDITIONAL APPROVAL

The approval indicated by this signature is given subject to the condition that the plans identified in and above, better noted as 10/31/00 have been submitted to the appropriate FAA office for approval of these construction proposals under FAR Part 77.

[Signature]
10/31/00

ITEM	RUNWAY 18 / 36		RUNWAY 14 / 32	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
APPROACH CATEGORY / DESIGN GROUP	B-I	B-II	B-I	B-I
RUNWAY LENGTH / WIDTH	4100' X 75'	4100' X 75'	2667' X 44'	2330' X 67'
RUNWAY MARKINGS	VISUAL / NPI	VISUAL / NPI	VISUAL	VISUAL
RUNWAY LIGHTING	MIRL	MIRL	MIRL	MIRL
PAVEMENT MATERIAL	CONCRETE	CONCRETE	ASPHALT	CONCRETE
PAVEMENT STRENGTH (000)	12.5 SW	12.5 SW	12.5 SW	12.5 SW
RUNWAY SAFETY AREA (RSA) LENGTH	4700'	4700'	3147'	2810'
RUNWAY SAFETY AREA (RSA) WIDTH	150'	150'	120'	120'
OBJECT FREE AREA (OFA) LENGTH	4700'	4700'	3147'	2810'
OBJECT FREE AREA (OFA) WIDTH	500'	500'	260'	250'
OBSTACLE FREE ZONE (OFZ) LENGTH	4500'	4500'	2967'	2730'
OBSTACLE FREE ZONE (OFZ) WIDTH	400'	400'	260'	250'
TAXIWAY WIDTH	NONE	35'	NONE	NONE
TAXIWAY LIGHTING	NONE	NONE	NONE	NONE
APPROACH SURFACE SLOPE	18 / 36	18 / 36	14 / 32	14 / 32
ELECTRONIC AIDS	201 / 201	201 / 201	201 / 201	201 / 201
VISUAL APPROACH AIDS	PSL	REL.PSL	PSL	REL.PSL
	1245'	1242'	1245'	1242'
TOUCHDOWN ZONE ELEVATION	1250.0'	1250.0'	1249.5'	1249.5'
	1 MILE	1 MILE	1 MILE	1 MILE
APPROACH VISIBILITY MINIMUMS	1 MILE	1 MILE	1 MILE	1 MILE
	1 MILE	1 MILE	1 MILE	1 MILE

DECLARED DISTANCE TABLE				
	RUNWAY 18		RUNWAY 36	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
TAKEOFF RUNWAY AVAILABLE (TORA)	4100	4100	4100	4100
TAKEOFF DISTANCE AVAILABLE (TODA)	4100	4100	4100	4100
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	4100	4100	4100	4100
LANDING DISTANCE AVAILABLE (LDA)	4100	4100	4100	4100
	RUNWAY 14		RUNWAY 32	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
TAKEOFF RUNWAY AVAILABLE (TORA)	2667	2330	2667	2330
TAKEOFF DISTANCE AVAILABLE (TODA)	2667	2330	2667	2330
ACCELERATE STOP DISTANCE AVAILABLE (ASDA)	2667	2330	2667	2330
LANDING DISTANCE AVAILABLE (LDA)	2667	2330	2667	2330

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

