



RUNWAY DATA TABLE			
	RUNWAY 12/30 EXISTING	RUNWAY 12/30 FUTURE	RUNWAY 18/36 FUTURE
RUNWAY LENGTH AND WIDTH	4,300' X 75'	4,850' X 75'	2,500' X 75'
RUNWAY APPROACH	NPI	NPI	NPI
RUNWAY GRADIENT	0.13%	0.10%	0.22%
PAVEMENT TYPE	ASPHALT	ASPHALT	ASPHALT
PAVEMENT STRENGTH	12,500 LBS SWG	30,000 LBS SWG	12,500 LBS SWG
RUNWAY LIGHTING	MIRL	MIRL	MIRL
RUNWAY MARKING	NON-PRECISION	NON-PRECISION	NON-PRECISION
NAVAIDS	PAPI, REIL	PAPI, REIL	PAPI, REIL

CRITICAL AIRCRAFT DATA		
	EXISTING	FUTURE
RUNWAY LENGTH	ADG B-II	ADG B-II
APPROACH SPEED	CATEGORY B	CATEGORY B
WINGSPAN	GROUP II	GROUP II
TAIL HEIGHT	15'-4"	15'-4"

RUNWAY END TABLE			
	STATION	ELEVATION	COORDINATES
EXISTING RUNWAY 12	93+00	911.26'	N 46°50'30.81" W 96°40'17.18"
EXISTING AND FUTURE RUNWAY 30	50+00	917.00'	N 46°50'11.94" W 96°39'21.77"
FUTURE RUNWAY 12	98+50	911.00'	N 46°50'33.22" W 96°40'24.26"
FUTURE RUNWAY 18	200+00	911.00'	N 46°50'36.76" W 96°39'56.44"
FUTURE RUNWAY 36	225+00	912.00'	N 46°50'12.09" W 96°39'55.13"

TOUCHDOWN ZONE TABLE			
	3,000' STATION	TDZ STATION	ELEVATION
EXISTING RUNWAY 12	83+00 TO 63+00	76+36	914.5'
EXISTING AND FUTURE RUNWAY 30	50+00 TO 80+00	76+36	914.5'
FUTURE RUNWAY 12	98+50 TO 68+50	76+36	914.5'
FUTURE RUNWAY 18	200+00 TO 225+00	213+43	914.0'
FUTURE RUNWAY 36	225+00 TO 200+00	213+43	914.0'

RUNWAY PROTECTION ZONE DATA			
RUNWAY	INNER WIDTH	LENGTH	OUTER WIDTH
EXISTING RUNWAY 12	500'	1000'	700'
EXISTING AND FUTURE RUNWAY 30	500'	1000'	700'
FUTURE RUNWAY 12	500'	1000'	700'
FUTURE RUNWAY 18	500'	1000'	700'
FUTURE RUNWAY 36	500'	1000'	700'

MNDOT CLEAR ZONE DATA			
RUNWAY	INNER WIDTH	LENGTH	OUTER WIDTH
EXISTING RUNWAY 12	500'	1000'	800'
EXISTING RUNWAY 30	500'	1000'	800'
FUTURE RUNWAY 12	500'	1700'	1010'
FUTURE RUNWAY 30	500'	1700'	1010'
FUTURE RUNWAY 18/36	500'	1000'	800'

RUNWAY SAFETY AREA		
	WIDTH	LENGTH BEYOND END
EXISTING 12/30	150'	300'
FUTURE 12/30	150'	300'
FUTURE 18/36	150'	300'

RUNWAY OBJECT FREE AREA		
	WIDTH	LENGTH BEYOND END
EXISTING 12/30	500'	300'
FUTURE 12/30	500'	300'
FUTURE 18/36	500'	300'

MODIFICATION TO STANDARDS			
MODIFICATION	APPROVAL	DATE	
NONE			

DECLARED DISTANCES		
ITEM	RUNWAY 12/30 EXISTING	RUNWAY 12/30 FUTURE
TAKE-OFF RUN AVAILABLE (TORA)	4,300'	4,850'
TAKE-OFF DISTANCE AVAILABLE (TODA)	4,300'	4,850'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4,300'	4,850'
LANDING DISTANCE AVAILABLE (LDA)	4,300'	4,850'

REVISIONS	
NO.	DESCRIPTION

NOTES

- This drawing reflects planning standards specific to this airport, and is not a product of detailed engineering design analysis. It is not intended to be used for construction documentation or navigation.
- The preparation of this plan was financed in part through a planning grant from the Federal Aviation Administration as provided under Section 505 of the Airport and Airway Improvement Act of 1982, as amended. The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this plan 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 in accordance with appropriate public laws.
- Horizontal Datum: NAD 83, Vertical Datum: NAVD 88

DRAWING LEGEND		
	EXISTING	FUTURE
AIRPORT PROPERTY LINE	—	—
AIRPORT SECURITY FENCE	—	—
AIRPORT BUILDINGS	—	—
AIRFIELD PAVEMENT	—	—
PAVED SHOULDER	—	—
DEPARTURE SURFACE	—	—
THRESHOLD STOP SURFACE	—	—
RUNWAY PROTECTION ZONE	—	—
RUNWAY SAFETY AREA	—	—
RUNWAY OBJECT FREE AREA	—	—
RUNWAY OBJECT FREE ZONE	—	—
AIRPORT BEACON	★	★
LIGHTED WIND CONE & SEGMENTED CIRCLE	⊙	⊙
AUTOMATED SURFACE OBSERVATION SYSTEM (ASOS)	⊙	⊙
PRECISION APPROACH PATH INDICATOR (PAPI)	—	—
SURVEY MONUMENT	⊙	⊙
HOLDLINES	—	—
TAXIWAY OBJECT FREE AREA	—	—
AIRPORT REFERENCE POINT	⊙	⊙

Moorhead Municipal Airport

MOORHEAD, MINNESOTA

Airport Layout Plan

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DATE
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SCALE
1" = 400'

SHEET NO.
2 of 10