

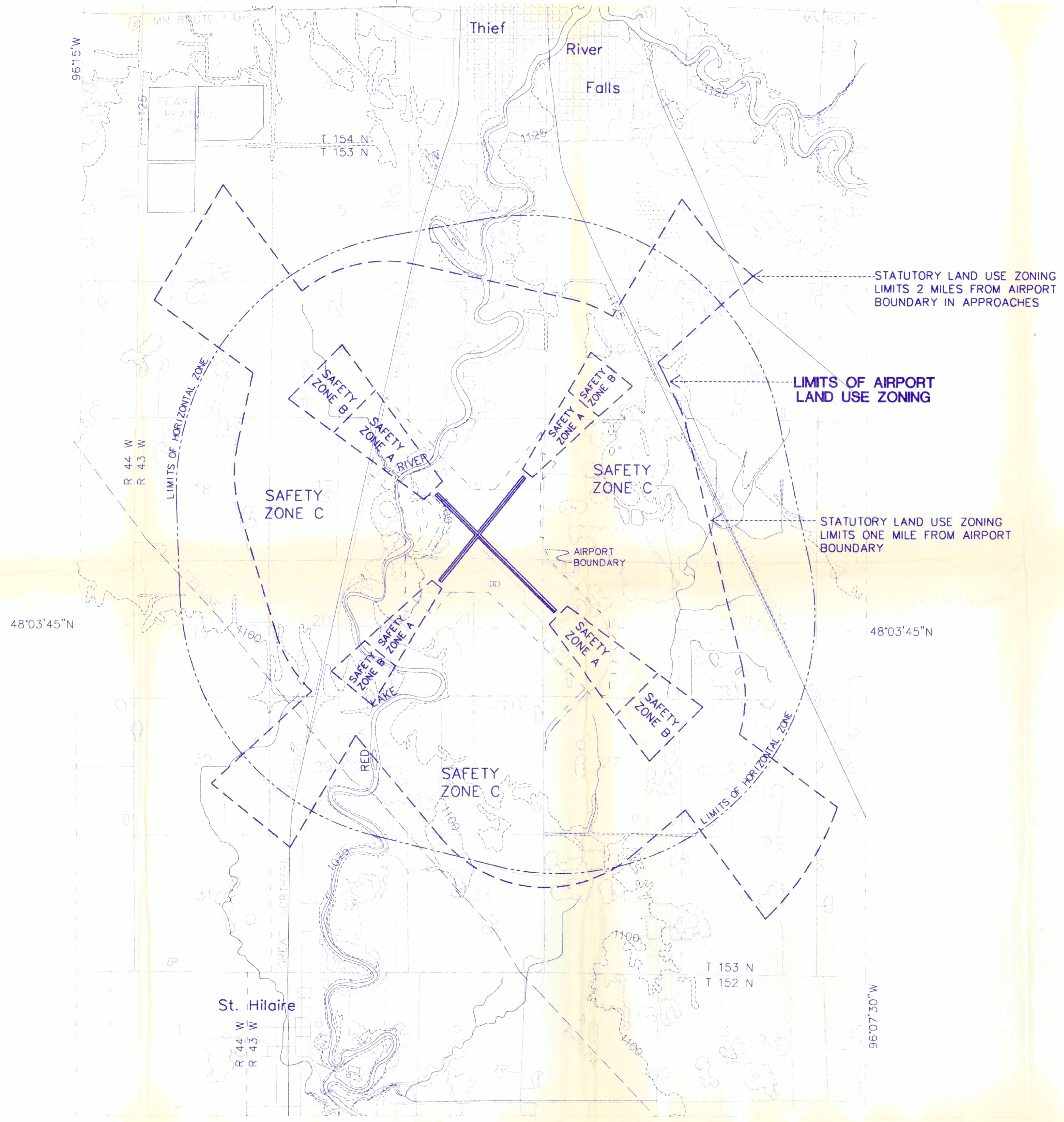
AVIATION SERVICES GROUP

# AIRPORT AIRSPACE ZONING MAP

THIEF RIVER FALLS REGIONAL AIRPORT - THIEF RIVER FALLS, MINNESOTA

*David J. ...*  
09/30/06





AVIATION SERVICES GROUP

# AIRPORT LAND USE ZONING MAP

THIEF RIVER FALLS REGIONAL AIRPORT – THIEF RIVER FALLS, MINNESOTA

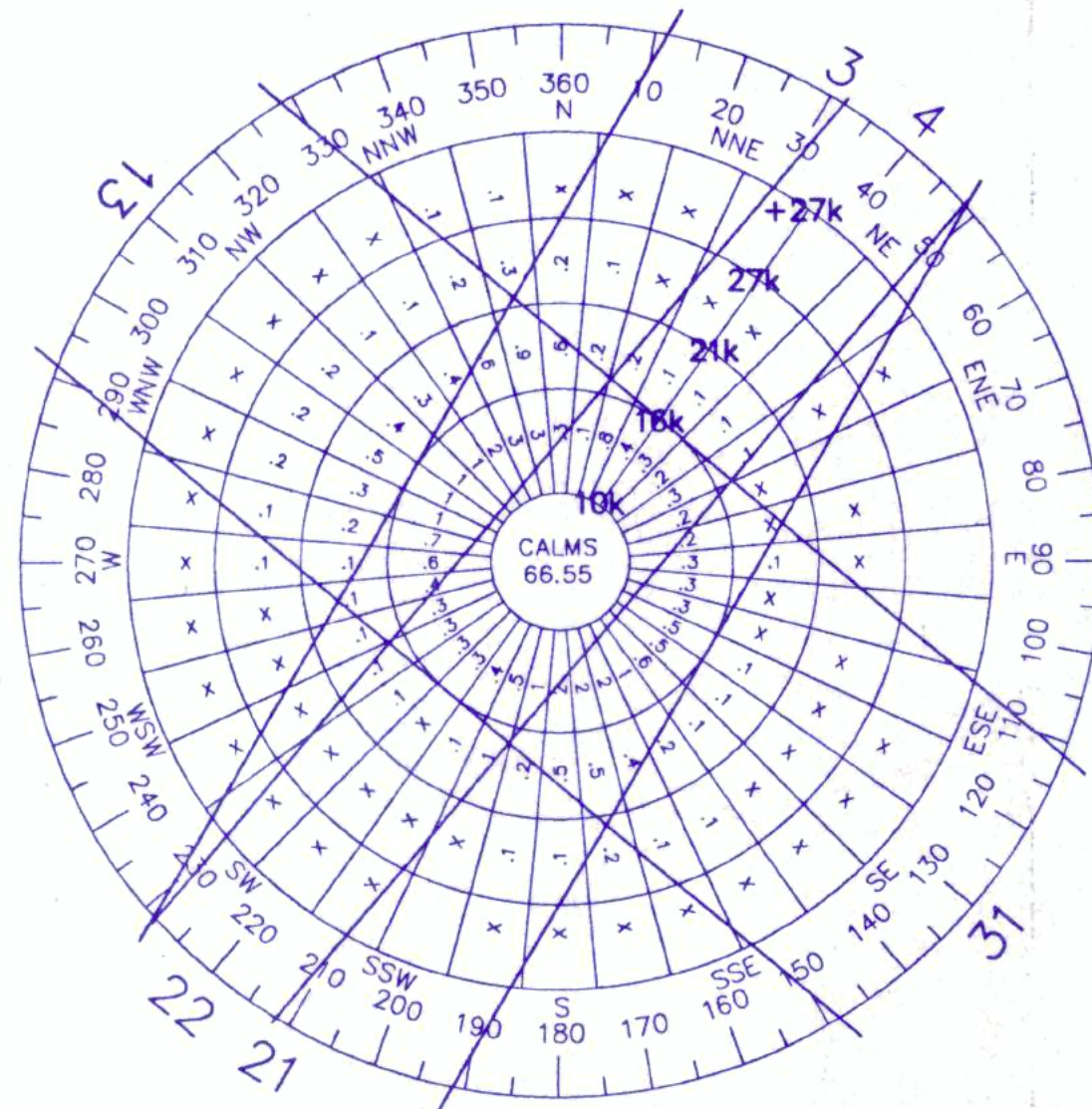
*David J. [Signature]* 09/30/08



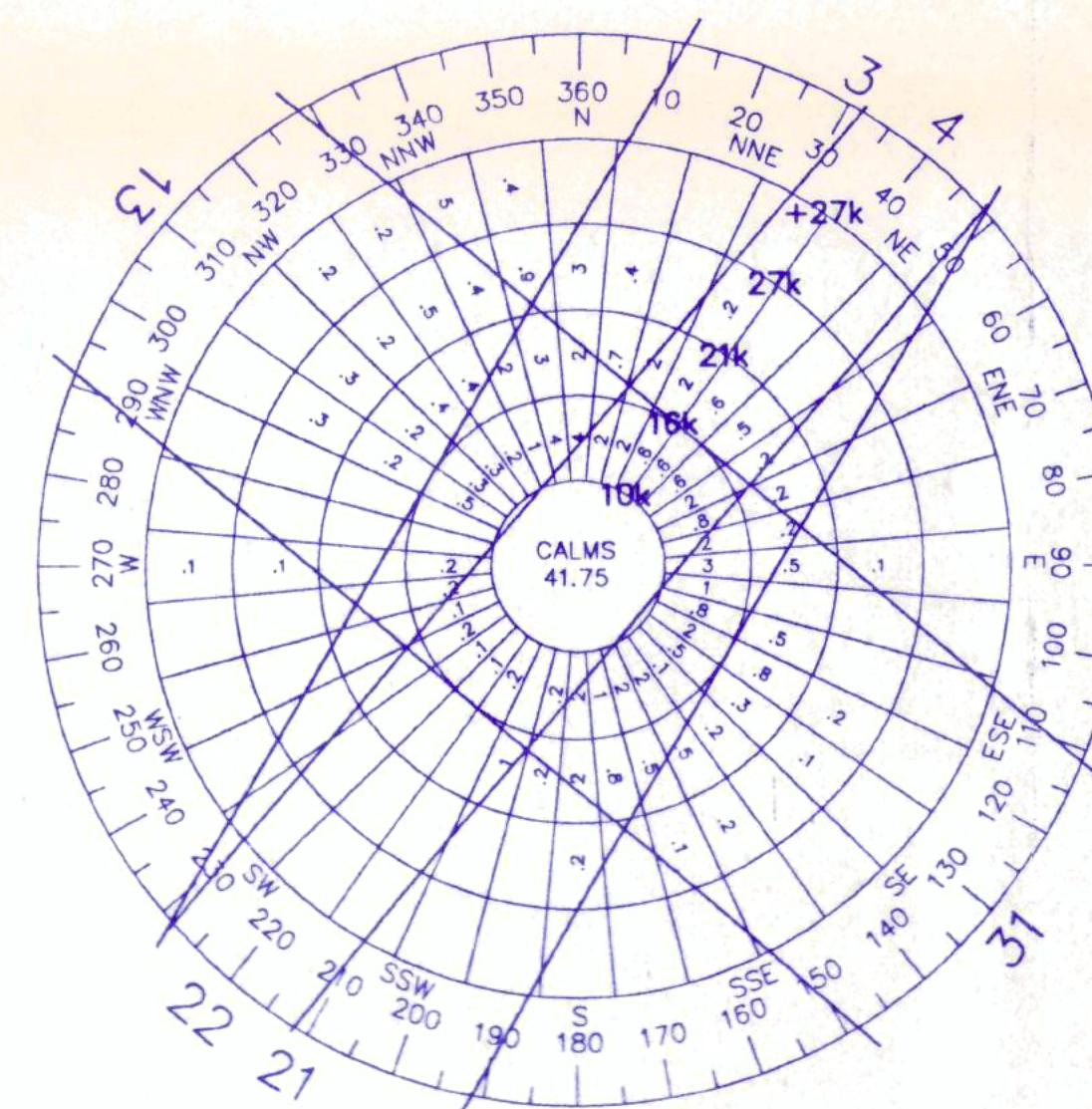
# AIRPORT LAYOUT PLAN

## THIEF RIVER FALLS REGIONAL AIRPORT

### THIEF RIVER FALLS, MINNESOTA



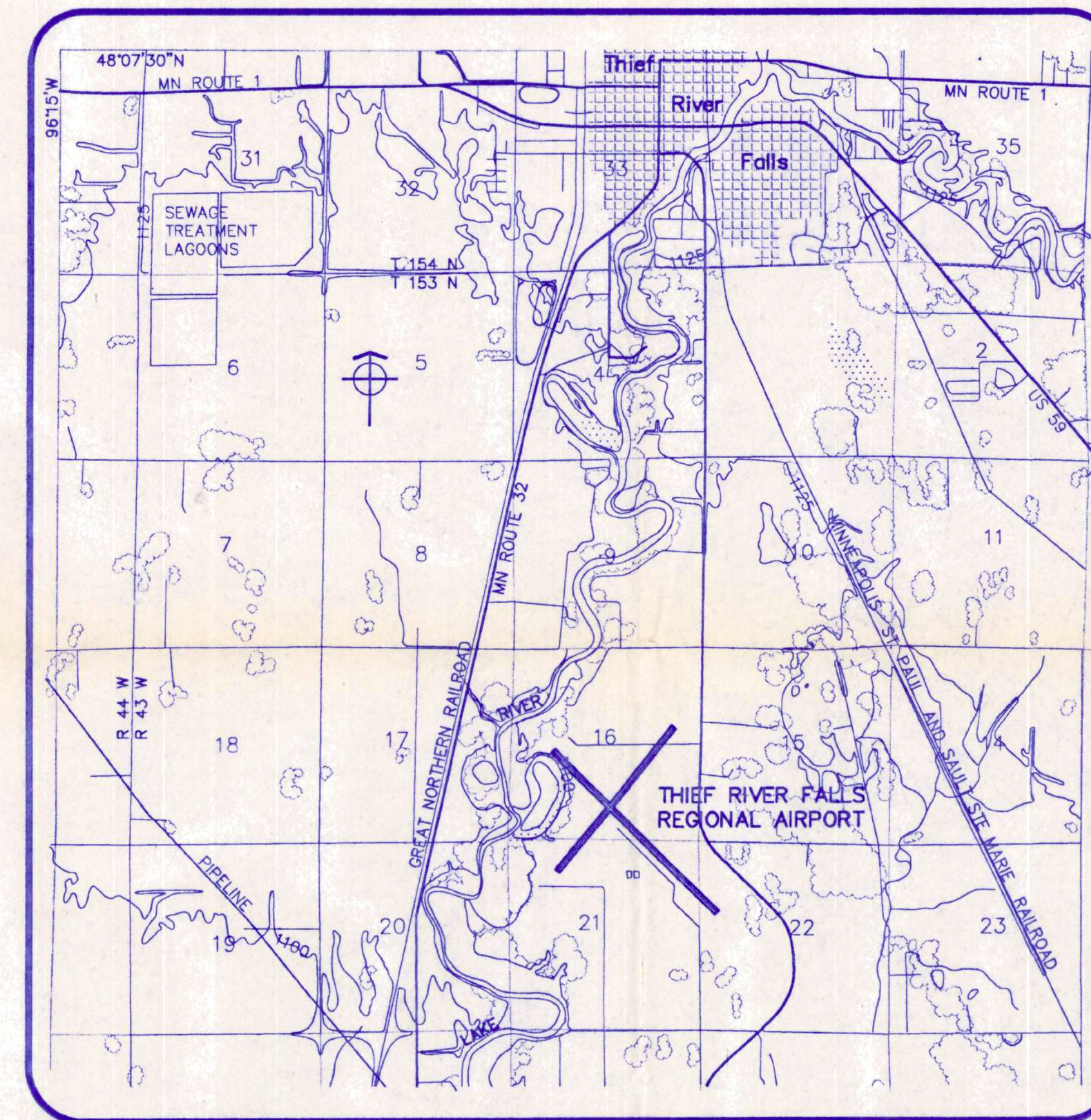
ALL WEATHER WIND ROSE



INSTRUMENT FLIGHT WIND ROSE



LOCATION MAP  
NO SCALE



VICINITY MAP  
SCALE: 1"=3,000'

MAGNETIC DECLINATION = 6° 16' E  
SOURCE: TWIN CITIES SECTIONAL 43RD EDITION  
DATE: FEBRUARY 6, 1992

#### INDEX TO SHEETS

- 1 — TITLE SHEET
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- 3 — AIRPORT AIRSPACE DRAWING
- 4 — APPROACH PLAN & PROFILE - RWY 13
- 5 — APPROACH PLAN & PROFILE - RWY 31
- 6 — APPROACH PLAN & PROFILE - RWY 03
- 7 — APPROACH PLAN & PROFILE - RWY 21
- 8 — APPROACH PLAN & PROFILE - RWY 04/22
- 9 — TERMINAL AREA DRAWING
- 10 — LAND INVENTORY DRAWING
- 11 — AIRPORT LAND USE DRAWING

WIND COVERAGE			
	10.5 KNOTS	13 KNOTS	16 KNOTS
RUNWAY 13/31:	86.14% ALL 87.27% VFR 71.91% IFR	92.96% ALL 93.73% VFR 83.87% IFR	97.67% ALL 98.09% VFR 92.79% IFR
RUNWAY 4/22: (To be Abandoned)	76.67% ALL 77.85% VFR 62.90% IFR	86.47% ALL 87.44% VFR 77.98% IFR	94.72% ALL 95.50% VFR 89.12% IFR
RUNWAY 3/21:	80.60% ALL 81.50% VFR 70.74% IFR	88.98% ALL 89.69% VFR 82.68% IFR	95.69% ALL 95.50% VFR 91.70% IFR
RWYS 13/31 AND 3/21:	96.22% ALL 96.95% VFR 89.73% IFR	98.86% ALL 99.23% VFR 96.77% IFR	99.78% ALL 99.85% VFR 99.30% IFR

SOURCE: GRAND FORKS AIR FORCE BASE, GRAND FORKS INTERNATIONAL AIRPORT  
PERIOD COVERED 1964-1970, 1974-1978

AIRPORT DATA		
	EXISTING	ULTIMATE
AIRPORT ELEVATION	1116 MSL	1122 MSL
AIRPORT REFERENCE POINT (LATITUDE)	48° 03' 55.80" N	48° 04' 12.66" N
(LONGITUDE)	96° 11' 00.10" W	96° 11' 05.64" W
MEAN MAX. TEMP. OF HOTTEST MONTH	80° f	S A M E
TAXIWAY LIGHTING	MILT	MILT
AIRPORT AND TERMINAL NAVAIDS	ILS, VOR, NDB	ILS, VOR, NDB
AIRPORT AND TERMINAL VISUAL AIDS	VASI, MALSR, REIL	VASI, MALSR, REIL
NPIAS SERVICE LEVEL	CM	CM
NPIAS AIRPORT ROLE	S	S
SASP CLASSIFICATION	KEY SYSTEM	KEY SYSTEM
AIRPORT REFERENCE CODE (ARC)	C - III	C - III *

\* RWY 13/31=ARC C-III / RWY 04/22=ARC A-I / ULTIMATE RWY 03/21=ARC B-II

Approved: \_\_\_\_\_  
City of Thief River Falls

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Approved: \_\_\_\_\_  
Mn/DOT Aeronautics

Title: \_\_\_\_\_ Date: \_\_\_\_\_

No.	BY	DATE	REVISIONS
3	N.P.	09/30/96	ADDED 1/2 MILE APPROACH - RWY 13
2	N.P.	05/01/96	REALIGN ULTIMATE RUNWAY 03/21
1	RDC	08/28/94	FAA COMMENTS-MAY 23, 1994 LETTER

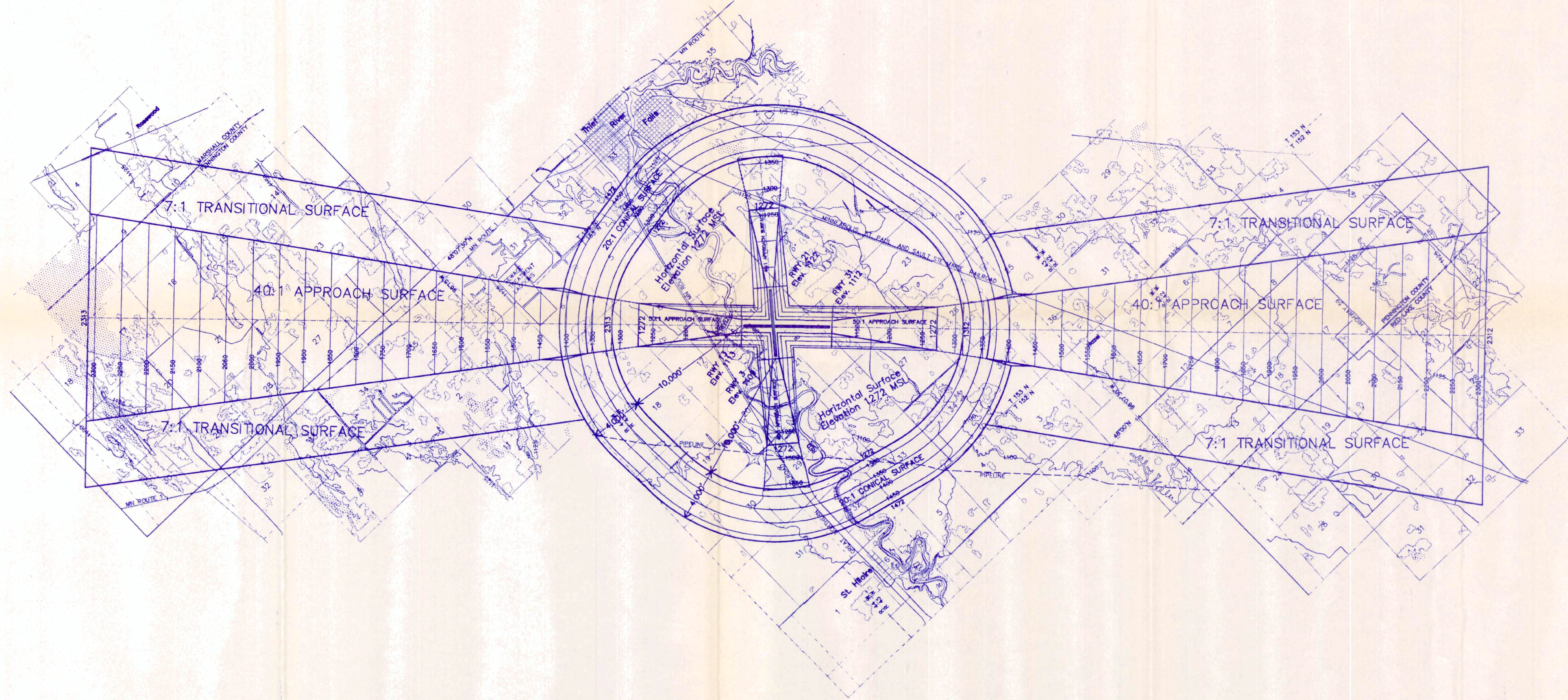
#### THIEF RIVER FALLS REGIONAL AIRPORT



I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

*Thief River Falls*  
Date: 04/21/97 Reg. No. 14429

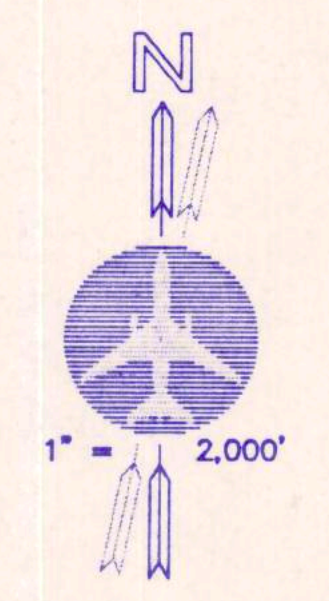
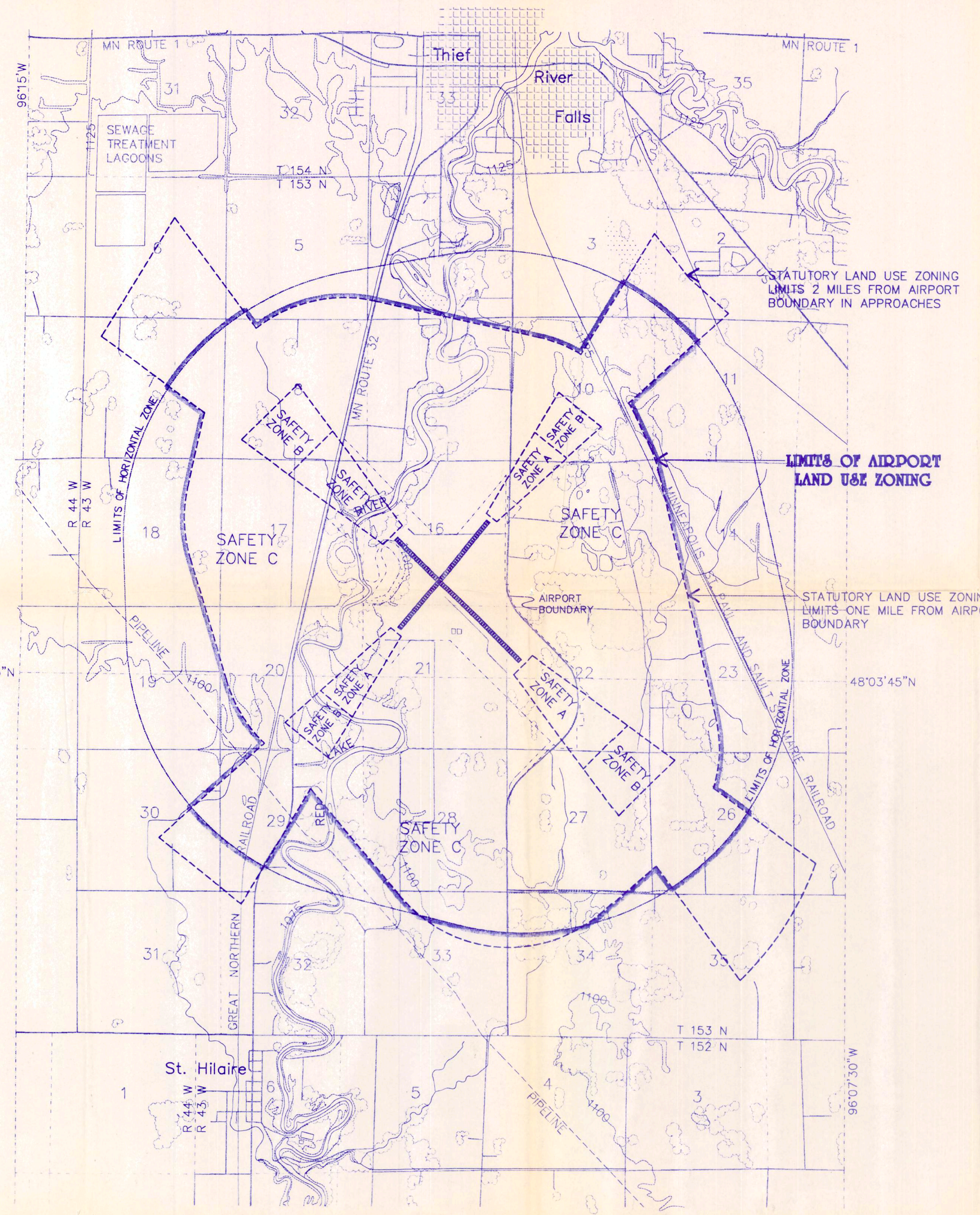




No.	BY	DATE	CHANGE
3	NJP	09/30/96	ADDED 1/2 MILE APPROACH - RWY 13
2	NJP	05/01/96	REALIGNED ULTIMATE CROSSWIND RWY
1	RDC	06/28/94	FAA COMMENTS-MAY 23, 1994 LETTER

REVISIONS





STATUTORY LAND USE ZONING LIMITS 2 MILES FROM AIRPORT BOUNDARY IN APPROACHES

LIMITS OF AIRPORT LAND USE ZONING

STATUTORY LAND USE ZONING LIMITS ONE MILE FROM AIRPORT BOUNDARY

Safety Zone "A" shall contain no buildings, temporary structures, exposed transmission lines, or other similar land use structural hazards, and shall be restricted to those uses which will not create, attract, or bring together an assembly of persons thereon. Permitted uses may include, but are not limited to, such uses as agriculture (seasonal crops), horticulture, raising of livestock, animal husbandry, wildlife habitat, light outdoor recreation (nonspectator), cemeteries, and auto parking.

Safety Zone "B" shall be restricted in use as follows. Each use shall be on a site whose area shall not be less than three acres. Each use shall not create, attract, or bring together a site population that would exceed 15 times that of the site acreage. Each site shall have not more than one building plot upon which any number of structures may be erected.

The following uses are specifically prohibited in zone B: churches, hospitals, schools, theaters, stadiums, hotels and motels, trailer courts, camp grounds, and other places of public or semipublic assembly.

Safety Zone "C" is subject only to the general restrictions contained in item A. Safety Zone "C" is enclosed within the perimeter of the horizontal zone.

No.	BY	DATE	CHANGE
3	NJP	09/30/96	ADDED 1/2 MILE APPROACH - RWY 13
2	NJP	05/01/96	REALIGNED ULTIMATE CROSSWIND RWY
1	RDC	06/28/94	FAA COMMENTS-MAY 23, 1994 LETTER

REVISIONS