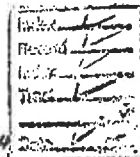


ATTN: Dan
From: Joyce
Airport

95585

AIRPORT ZONING ORDINANCE
RED LAKE FALLS MUNICIPAL AIRPORT
Red Lake Falls, Minnesota

Office of Register of Deeds
Red Lake County, Minn.
I hereby certify that the within instrument
was filed in this office for record on 1974
day of MAY 4 1974, at 9 o'clock A.M.
and was duly Recorded in Book 98
of DEEDS on Page 213
G. W. Thibert
Register of Deeds



G. W. "JERRY" THIBERT
Register of Deeds
Red Lake County
Red Lake Falls, Minnesota 56750

I hereby certify that this plan, specification or report
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.

Howard C. Smith
Date: February 20 1976 Reg. No. 5814

BOOK # 98
PAGE # 213

BOOK #

98

PAGE #

213

Red Lake Falls, Minnesota
Airport Zoning Ordinance

95585

TABLE OF CONTENTS

DESCRIPTION	PAGE NUMBER
Introduction	1
SECTION I: Purpose and Authority	1
SECTION II: Short Title	2
SECTION III: Definitions	2
SECTION IV: Airspace Obstruction Zoning	4
A. Airspace Zones	
1. Primary	
2. Horizontal	
3. Conical	
4. Approach	
5. Precision Instrument Approach	
6. Transitional	
B. Height Restrictions	
SECTION V: Land Use Safety Zoning	5
A. Safety Zone Boundaries	
1. Safety Zone A	
2. Safety Zone B	
3. Safety Zone C	
B. Use Restrictions	
1. General	
2. Zone A	
3. Zone B	
4. Zone C	
SKETCH Dimensions of Land Use Safety Zones	7A
SECTION VI: Airport Zoning Map	8
SECTION VII: Nonconforming Uses	8
SECTION VIII: Permits	8
A. Future Uses	
B. Existing Uses	
C. Nonconforming Uses Abandoned or Destroyed	
SECTION IX: Variances	10

95585

EXHIBIT A

RED LAKE FALLS MUNICIPAL AIRPORT ZONING ORDINANCE

This Ordinance affects All of a Portion of the Following Sections of Land:

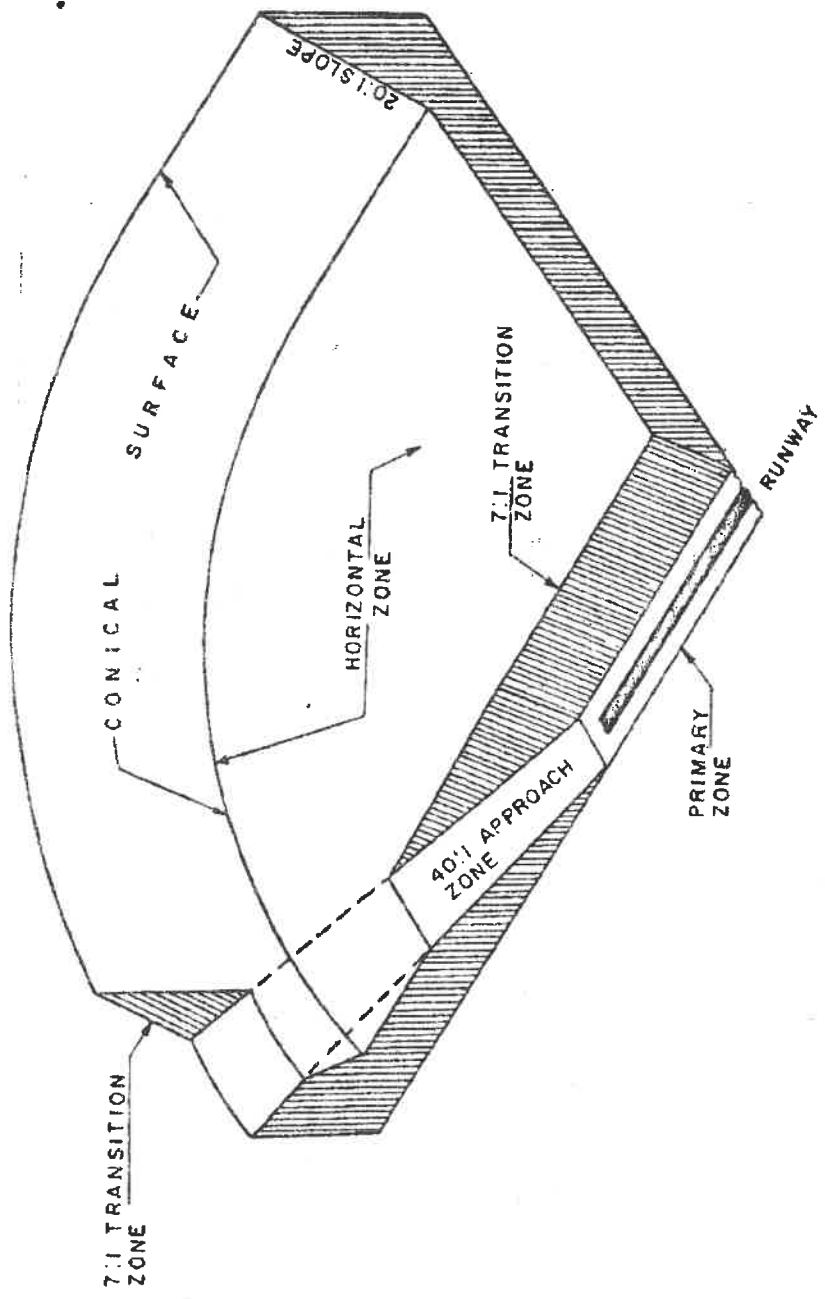
NAME & NUMBER OF TOWNSHIP	TYPE OF AIRPORT ZONING	
	AIRSPACE OBSTRUCTION ZONING Section IV of Ordinance Page 1/2 of Zoning Map	LAND USE SAFETY ZONING Section V of Ordinance Page 2/2 of Zoning Map
Red Lake Falls T 151 N R 44 W	Sections: 33, 34, 35 & 36	Sections: None
Pleasant T 150 N R 44 W	Sections: 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 22, 23, & 24	Sections: 1, 2, 3, 10, 11, 12, 13, 14, & 15
Terrebonne T 150 N R 43 W	Sections: 6, 7, & 18	Sections: None

A-1

BOOK # 98
PAGE # 213

BOOK # 98
PAGE # 213

95585



PERSPECTIVE VIEW SHOWING
IMAGINARY SURFACES

NO SCALE

FOR INFORMATION PURPOSES ONLY

Red Lake Falls, Minnesota
Airport Zoning Ordinance

95585

TABLE OF CONTENTS (Continued)

<u>DESCRIPTION</u>	<u>PAGE NUMBER</u>
SECTION X: Hazard Marking and Lighting	10
A. Nonconforming Uses	
B. Permits and Variances	
SECTION XI: Airport Zoning Administrator	11
SECTION XII: Airport Zoning Board of Adjustment	11
A. Establishment	
B. Powers	
C. Procedures	
SECTION XIII: Appeals	11
SECTION XIV: Judicial Review	12
SECTION XV: Penalties	13
SECTION XVI: Conflicts	13
SECTION XVII: Severability	13
SECTION XVIII: Effective Date	14
EXHIBIT A: Land Sections Affected	
PERSPECTIVE: View Showing Imaginary Surfaces (For Information Only)	
MAP : Airspace Zones	
MAP : Land Use Safety Zones	

BOOK # 98
PAGE # 213

RED LAKE FALLS MUNICIPAL AIRPORT ZONING ORDINANCE

9558

Created By The
CITY OF RED LAKE FALLS - RED LAKE COUNTY JOINT AIRPORT ZONING BOARD

AN ORDINANCE REGULATING AND RESTRICTING THE HEIGHT OF STRUCTURES AND OBJECTS OF NATURAL GROWTH, AND OTHERWISE REGULATING THE USE OF PROPERTY, IN THE VICINITY OF THE RED LAKE FALLS MUNICIPAL AIRPORT BY CREATING THE APPROPRIATE ZONES AND ESTABLISHING THE BOUNDARIES THEREOF; PROVIDING FOR CHANGES IN THE RESTRICTIONS AND BOUNDARIES OF SUCH ZONES; DEFINING CERTAIN TERMS USED HEREIN; REFERRING TO THE RED LAKE FALLS AIRPORT ZONING MAP WHICH IS INCORPORATED IN AND MADE A PART OF THIS ORDINANCE; PROVIDING FOR ENFORCEMENT; ESTABLISHING A BOARD OF ADJUSTMENT; AND IMPOSING PENALTIES..

IT IS HEREBY ORDAINED BY THE CITY OF RED LAKE FALLS - RED LAKE COUNTY JOINT AIRPORT ZONING BOARD PURSUANT TO THE AUTHORITY CONFERRED BY MINNESOTA STATUTES 360.061 - 360.074, AS FOLLOWS:

SECTION 1: Purpose and Authority

The City of Red Lake Falls - Red Lake County Joint Airport Zoning Board, created and established by joint action of the Common Council of the City of Red Lake Falls and the Board of County Commissioners of Red Lake County pursuant to the provisions and authority of Minnesota Statutes 360.063, hereby finds and declares that:

- A. An airport hazard endangers the lives and property of users of the Red Lake Falls Municipal Airport, and property of occupants of land in its vicinity, and also if of the obstructive type, in effect reduces the size of the area available for the landing, takeoff, and maneuvering of aircraft, thus tending to destroy or impair the utility of the Red Lake Falls Municipal Airport and the public investment therein.
- B. The creation or establishment of an airport hazard is a public nuisance and an injury to the region served by the Red Lake Falls Municipal Airport.
- C. For the protection of the public health, safety, order, convenience, prosperity and general welfare, and for the promotion of the most appropriate use of land,

Red Lake Falls, Minnesota
Airport Zoning Ordinance

95585

It is necessary to prevent the creation or establishment of airport hazards.

D. The prevention of these airport hazards should be accomplished, to the extent legally possible, by the exercise of the police power without compensation.

E. The prevention of the creation or establishment of airport hazards and the elimination, removal, alteration, mitigation or marking and lighting of existing airport hazards are public purposes for which political subdivisions may raise and expend public funds.

SECTION II: Short Title

This ordinance shall be known as "Red Lake Falls Municipal Airport Zoning Ordinance". Those sections of land affected by this Ordinance are indicated in "Exhibit A" which is attached to this Ordinance.

SECTION III: Definitions

As used in this Ordinance, unless the context otherwise requires:

AIRPORT means the Red Lake Falls Municipal Airport located in Section 11, Township One Hundred Fifty North (T 150 N), Range Fourteen West (R 44 W) of the Fifth Principal Meridian, Red Lake County, Minnesota.

AIRPORT ELEVATION means the established elevation of the highest point on the usable landing area which elevation is established to be 1,061 feet above mean sea level.

AIRPORT HAZARD means any structure or tree or use of land which obstructs the air-space required for, or is otherwise hazardous to, the flight of aircraft in landing or taking off at the airport; and any use of land which is hazardous to persons or property because of its proximity to the airport.

DWELLING means any building or portion thereof designed or used as a residence or sleeping place of one or more persons.

BOOK # 98PAGE # 213

Red Lake Falls, Minnesota
Airport Zoning Ordinance

95585

HEIGHT for the purpose of determining the height limits in all zones set forth in this Ordinance and shown on the zoning map, the datum shall be mean sea level elevation unless otherwise specified.

LANDING AREA means the area of the airport used for the landing, taking off or taxiing of aircraft.

NONCONFORMING USE means any pre-existing structure, tree, natural growth, or use of land which is inconsistent with the provisions of this Ordinance or an amendment hereto.

PERSON means an individual, firm, partnership, corporation, company, association, joint stock association, or body politic, and includes a trustee, receiver, assignee, administrator, executor, guardian or other representative.

PLANNED as used in this Ordinance refers only to those proposed future airport developments that are so indicated on a planning document having the approval of the Department of Aeronautics and the City of Red Lake Falls, Minnesota.

RUNWAY means any existing or planned paved surface or turf covered area of the airport which is specifically designated and used or planned to be used for the landing and/or taking off of aircraft.

SLOPE means an incline from the horizontal expressed in an arithmetic ratio of horizontal magnitude to vertical magnitude.

STRUCTURE means an object constructed or installed by man, including, but without limitations, towers, buildings, smokestacks, and overhead transmission lines.

TREE means any object of natural growth.

VISUAL RUNWAY means a runway intended solely for the operation of aircraft using visual approach procedures, with no straight-in instrument approach procedure and no instrument designation indicated on an approved planning document.

Red Lake Falls, Minnesota
Airport Zoning Ordinance

95585

WATER SURFACES for the purpose of this Ordinance shall have the same meaning as land for the establishment of protected zones.

SECTION IV: Airspace Obstruction Zoning

A. Airspace Zones - In order to carry out the purposes of this Ordinance, the following airspace zones are hereby established: Primary Zone, Horizontal Zone, Conical Zone, Approach Zone and Transitional Zone and whose locations and dimensions are as follow:

1. Primary Zone - All that land which lies directly under an imaginary primary surface longitudinally centered on a runway and extending:

- a. 200 feet beyond each end of Runway 16-34 (NW-SE).

The elevation of any point on the primary surface is the same as the elevation of the nearest point on the runway centerline. The width of the primary surface is:

- b. 500 feet for Runway 16-34 (NW-SE).

2. Horizontal Zone - All that land which lies directly under an imaginary horizontal surface 100 feet above the established airport elevation, or a height of 1,161 feet above mean sea level, the perimeter of which is constructed by swinging arcs of specified radii from the center of each end of the primary surface of the runway and connecting the adjacent arcs by lines tangent to those arcs. The radius of each arc is 6,000 feet for Runway 16-34.

3. Conical Zone - All that land which lies directly under an imaginary conical surface extending upward and outward from the periphery of the horizontal surface at a slope of 20 to 1 for a horizontal distance of 4,000 feet as measured radially outward from the periphery of the horizontal surface.

4. Approach Zone - All that land which lies directly under an imaginary approach surface longitudinally centered on the extended centerline at each end of a runway. The inner edge of the approach surface is at the same width and elevation as, and

BOOK # 98
PAGE # 213Red Lake Falls, Minnesota
Airport Zoning Ordinance

95585

coincides with, the end of the primary surface. The approach surface inclines upward and outward at a slope of:

- a. 40:1 for Runway 16-34 (NW-SE).

The approach surface expands uniformly to a width of:

- b. 2500 feet for Runway 16-34 (NW-SE).

at a distance of 10,000 feet to the periphery of the conical surface.

5. Transitional Zone - All that land which lies directly under an imaginary surface extending upward and outward at right angles to the runway centerline and the runway centerline extended at a slope of 7 to 1 from the sides of the primary surfaces and from the sides of the approach surfaces until they intersect the horizontal surface or the conical surface.

B. Height Restrictions - Except as otherwise provided in this Ordinance, and except as necessary and incidental to airport operations, no structure or tree shall be constructed, altered, maintained, or allowed to grow in any airspace zone created in Subsection IV-A so as to project above any of the imaginary airspace surfaces described in said Subsection IV-A hereof. Where an area is covered by more than one height limitation, the more restrictive limitations shall prevail.

SECTION V: Land Use Safety Zoning

A. Safety Zone Boundaries - In order to carry out the purpose of this Ordinance, there are hereby created and established the following land use safety zone boundaries:

1. Safety Zone A - All land in that portion of the approach zones of a runway, as defined in Subsection IV-A hereof, which extends outward from the end of the primary surface a distance equal to two-thirds of the planned length of the runway.

2. Safety Zone B - All land in that portion of the approach zones of a runway as defined in Subsection IV-A hereof, which extends outward from Safety Zone A a distance equal to one-third of the planned length of the runway.