



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 12 ENTRY YEAR: 2007

Compartment Acreage: 1009 County: Roscommon

Revision Date: 4/12/05

Stand Examiner: D. Ekdom

Legal Description: T24N R2W Sections 9 & 16

RMU (if applicable): Not Applicable

Management Goals: Maintain current age and species diversity in a range of early and late successional ecosystems.

Soil and Topography: Mostly flat to gently rolling. Soils are Grayling sand and Rifle peat.

Ownership Patterns, Development, and Land Use in and Around the Compartment: This compartment is mostly surrounded by state land. There are two small subdivisions with seasonal cabins and permanent residences in the SWSW Section 9 and SESW of Section 16. The Village of Roscommon sewage treatment facility is in the W1/2NW Section 9 and the DNR airport is located in Section 16.

Unique, Natural Features:

Archeological, Historical, and Cultural Features: None known or detected during fieldwork.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations: The South Branch of the Au Sable River just touches the north part of this compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Mississippian Michigan Formation and Marshall Sandstone. The Michigan is quarried for gypsum and the Marshall was previously used as a building stone in other areas of the State. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is in Section 8, but potential appears to be minimal. St. Helen Field lies three miles to the east. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation. It is in secondary recovery operations currently. None of the State land in the compartment is currently leased.

Vehicle Access: Vehicle access to the southern 2/3rds of this compartment is good via county roads and forest two-tracks. Vehicle access to the northern 1/3rd of the compartment is limited by private property and low, wet terrain.

Survey Needs: None necessary at this time.

Recreational Facilities and Opportunities: There is a small portion of the Roscommon to Saint Helen snowmobile trail in the SWSW of Section 16.

Fire Protection: In general, fire protection in this compartment should not be a problem due to access, terrain, and proximity to the Roscommon Field Station. However, access for fire suppression equipment into the northern 1/3rd of the compartment could be a problem due to lower and wetter terrain .

Additional Compartment Information: Treatments in this compartment include 28 acres of Final Harvests and 213 acres of prescribed burns to maintain open areas around the DNR airport.

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 12

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	102																										102
V Bog or Marsh			19																								19
G Grass					95																						95
J Jack Pine					100		284									28											412
L Lowlnd Brush									51																		51
N Marsh											20																20
Q Mx Swmp Cnfr												12															12
X Non Stocked													18														18
O Oak					110									22													132
R Red Pine																16											16
F Spruce Fir																			4								4
E Swamp Hrdwds																				120							120
D Treed Bog																							5				5
Z Water																									3		3
Total	102		19		305		284		51		20	12	18	22		44			4	120		5			3		1009

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 12

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	1543 Cds	Hardwood	113 Cds
Hardwood	124 Mbf	Hardwood	39 Mbf
Softwood	1943 Cds	Softwood	894 Cds
Softwood	163 Mbf	Softwood	46 Mbf
Sum TotVol	4060 Cds	Sum CutVol	1177 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	
1009		72	

ROSCOMMON FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 12

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
19	J3	17	6	55	grass	immature		0	other - specify in remarks	
comnts Fmd : SEEDED TP JP 5/98, BURN TO MAINTAIN AS GRASS FOR AIRPORT SAFETY REASONS, LEAVE 50' - 100' BUFFER ALONG M-76 FOR VISUAL, FTP ALREADY WRITTEN,										
20	J3	27	6	55	grass	immature		0	other - specify in remarks	
comnts Fmd : SEEDED TO JP 5/98, BURN TO MAINTAIN AS GRASS FOR AIRPORT SAFETY REASONS, LEAVE 50' - 100' BUFFER ALONG M-76 AND WEST OF 2T ON SECTION LINE FOR VISUAL, FTP ALREADY WRITTEN,										
25	O1	52	7	56	grass	sparse		0	other - specify in remarks	
comnts Fmd : PERIODIC BURNS TO MAINTAIN AS GRASS FOR AIRPORT SAFETY REASONS, FTP ALREADY WRITTEN										
26	O1	58	7	56	grass	sparse		0	other - specify in remarks	
comnts Fmd : PERIODIC BURNS TO MAINTAIN AS GRASS FOR AIRPORT SAFETY REASONS, FTP ALREADY WRITTEN										
28	J6	28	52	55	red pine	mature	final harvest	1	planting	
comnts Fmd : MIX OF OVER-MATURE/MATURE/IM-MATURE JACK PINE WITH SCATTERED OAKS, HARVEST AND PLANT RED PINE TO GET A LONGER LIVED SPECIES ADJACENT TO PRIVATE PROPERTY, AIRPORT, AND COUNTY ROAD, KOTAR TYPE IS PVCd BUT THERE IS ALSO A HIGH WATER TABLE MAKING IT HIGH END PVCd, ADDRESS VISUAL CONCERNS ALONG SMT AND COUNTY ROAD BY LEAVING PART OF STAND BETWEEN POWERLINE AND CO. RD. AS BUFFER										
30	J6	21	52	45	grass	mature	final harvest	1	other - specify in remarks	
comnts Fmd : CUT NOW AND USE PERIODIC BURNS TO MAINTAIN AS GRASS FOR AIRPORT SAFETY REASONS										
31	J5	4	39	45	grass	immature	final harvest	1	other - specify in remarks	
comnts Fmd : JUST PAST POLE SIZE, CUT AND USE PERIODIC BURNS TO MAINTAIN AS GRASS FOR AIRPORT SAFETY REASONS										
41	V0	3			bog or muskeg	nonstocked		0	other - specify in remarks	
comnts Fmd : BOG NE OF AIRPORT RUNWAY, INCLUDE IN BURN FOR AIRPORT										
48	J3	12	6	55	grass	immature		0	other - specify in remarks	
comnts Fmd : RECENTLY EXCHANGED - NOW STATE, CUT IN LATE 1990 BY PRIVATE LANDOWNER, PRESCRIBED BURN FOR AIRPORT SAFETY REASONS, LEAVE 50'-100' BUFFER ON THE EAST SIDE (WEST OF THE TWO-TRACK)										
49	J6	19	52	55	grass	mature	final harvest	1	other - specify in remarks	
comnts Fmd : MIX OF OVER-MATURE/MATURE/IM-MATURE JACK PINE WITH SCATTERED OAKS, HARVEST AND PRESCRIBE BURN TO MAINTAIN AS GRASS FOR AIRPORT SAFETY PURPOSES, MAINTAIN 50'-100' BUFFER ALONG M-76 FOR VISUAL										
50	X0	12			other non-stocked or non-forest or non-productive	nonstocked		0	other - specify in remarks	
comnts Fmd : DNR AIRPORT - PAVED RUNWAY - PLOW SNOW IN WINTER AS NECESSARY										
403	G0	79			grass	nonstocked		0	other - specify in remarks	
comnts Fmd : DNR AIRPORT - GRASS RUNWAY AND SHOULDERS OF PAVED RUNWAY - MOW GRASS AS NECESSARY IN THE SUMMER										
Total Acres.....		332								

**Proposed Treatments
With Limiting Factors**

Compartment: 12

Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... 0

