



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 157 ENTRY YEAR: 2008

Compartment Acreage: 1621 County: Presque Isle

Revision Date: August 14, 2006

Stand Examiner: Tim Paulus

Legal Description: T36N, R1E, Sec.19,20,& 21 .

RMU (if applicable):

Management Goals:

Recreation, Timber, & Wildlife

Soil and Topography:

Gravelly soils, steep hills.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Mostly State owned.

Unique, Natural Features (include only non-site specific and non-sensitive information): None

Archeological, Historical, and Cultural Features.

SHIPO hit in Section 21

Special Management Designations or Considerations: Black Mountain Recreation Area.

Watershed and Fisheries Considerations: None

Fisheries Concerns is General:

Wildlife Habitat Objectives and Considerations:

Mineral Resource and Development Concerns and/or Restrictions: None

Vehicle Access: Some road closures may be needed to address erosion and O.R.V. damage.

Survey Needs: None

Recreational Facilities and Opportunities: Black Mountain Recreation Area.

Fire Protection: Onaway DNR

Additional Compartment Information: None

- **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

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 157

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
Aspen			127	220	64	19			109										539
Cedar										3	43	6							52
Jack Pine			6						24										30
Lowlnd Brush										4									4
Lowlnd Poplr				50						39									89
Marsh	40																		40
Non Stocked	17																		17
Oak									19	144									163
Red Pine			27						122	57	105	46							357
Swamp Hrdwds										26									26
Upland Brush	34																		34
Upland Hdwds																		191	191
White Pine									34			4						41	79
Total	91		160	270	64	19			308	273	148	56						232	1621

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

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: 157

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	539																										539	
C Cedar				52																							52	
J Jack Pine							30																				30	
L Lowlnd Brush									4																		4	
P Lowlnd Poplr										89																	89	
N Marsh											40																40	
X Non Stocked													17														17	
O Oak														163													163	
R Red Pine																357											357	
E Swamp Hrdwds																				26							26	
U Upland Brush					1																			33			34	
M Upland Hdwds																								191		191		
W White Pine																										79	79	
Total	539			52	1		30		4	89	40		17	163		357				26				33	191		79	1621

MACKINAW STATE FOREST

ATLANTA FOREST MGT UNIT

PRESQUE ISLE COUNTY

COMPARTMENT: **157**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	10657 Cds	Hardwood	1535 Cds
Hardwood	1045 Mbf	Hardwood	361 Mbf
Softwood	5588 Cds	Softwood	548 Cds
Softwood	3205 Mbf	Softwood	569 Mbf
Sum TotVol	24745 Cds	Sum CutVol	3943 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	332
1621			

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 157 **Entry Year: 2008**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
15	A6	9	75	52	aspen (upland)	mature	final harvest	1	planting	
comnts Fmd : CC LEAVE A FEW OAK JP WP FOR VISUAL ALONG ROAD. PROTECT OAK AND PINE REPRODUCTION. Will accept mixed pine-aspen reproduction.										
16	R9	37	75	64	red pine	mature	shelterwood-seed	2		
comnts Fmd : ORV TRAIL										
18	R9	45	88	58	red pine	immature	shelterwood-seed	2		
comnts Fmd : ROLLING TERRAIN, MIXED STAND- VARIES IN SIZE AND STOCKING OF PINE.REMOVE SOME MATURE PINE.										
29	A6	39	76	60	aspen (upland)	two aged	final harvest	1		
comnts Fmd : PROTECT DIVERSE UNDERSTORY ORV TRAIL-SNO MO TRAIL.Leave some oak for mast.										
38	O6	42	86	60	oak	two aged	shelterwood-seed	2		
comnts Fmd : mixed stand, oaks appear to be good mast producers, lots of recreational influences. Mostly a south slope.Try shelterwood cut where not steep or no white pine understory exists.										
41	M6	67		70	northern hardwood	unevenaged	selection	2		
comnts Fmd : NICE HDWD. Close two-track running north-south through stand(mud bog run). Oak are producing a lot of mast,aspen are decadent and producing good soft snags.Stand also contains some ash,beech, and yellow birch.										
44	R9	12	88	66	red pine	mature	thinning	1		
comnts Fmd : SNO-MO TRAIL ,MIXED STAND-REMOVE SOME MATURE PINE,ASPEN,BIRCH,& RED MAPLE.PROTECT PINE REPRODUCTION.										
115	A6	17	75	52	aspen (upland)	mature	final harvest	1	planting	
comnts Fmd : CC LEAVE A FEW OAK JP WP FOR VISUAL ALONG ROAD. PROTECT OAK AND PINE REPRODUCTION. Will accept mixed pine-aspen reproduction.										
116	R9	4	75	64	red pine	mature	shelterwood-seed	2		
comnts Fmd :										
118	R9	5	88	58	red pine	immature	shelterwood-seed	2		
comnts Fmd : ROLLING TERRAIN, MIXED STAND- VARIES IN SIZE AND STOCKING OF PINE.REMOVE SOME MATURE PINE.										
129	A6	30	76	60	aspen (upland)	two aged	final harvest	1		
comnts Fmd : PROTECT DIVERSE UNDERSTORY ORV TRAIL-SNO MO TRAIL.Leave some oak for mast.										
144	R9	1	88	66	red pine	mature	thinning	1		
comnts Fmd : SNO-MO TRAIL ,MIXED STAND-REMOVE SOME MATURE PINE,ASPEN,BIRCH,& RED MAPLE.PROTECT PINE REPRODUCTION.										
216	R9	6	75	64	red pine	mature	shelterwood-seed	2		
comnts Fmd : ORV TRAIL										
248	U1	1		65	grass	nonstocked		0	opening maintenance	
comnts Fmd :										
Total Acres.....		315								

ATLANTA FOREST MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 157 Entry Year: 2008

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
5	A6	7	76	60	aspen (upland)	two aged	final harvest	2		

TREATMENT LIMITING FACTORS: Water quality/bmps
Too steep

comnts Fmd : very steep with stream in bottom, beaver activity, O.R.V. passes through north part of stand.

53	R6	11	74	50	red pine	mature	thinning	1		
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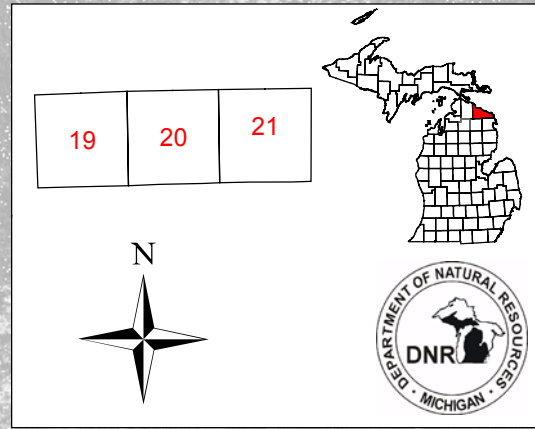
TREATMENT LIMITING FACTORS: Inadequate volume due to small acreage

comnts Fmd : REPLANT WITH RED KEEP RED AND WHITE-VISUALLY IMPORTANT

Total Acres..... 18

Field Map

Compartment 157
 T36N, R02E, Sec. 19, 20, 21
 County: Presque Isle
 Unit: Atlanta
 YOE: 2008
 Acres: 1,621 GIS Calculated
 Stand Examiner: Timothy Paulus
 Map Revised: 9/21/2006
 Map Phase: Pre-review



Legend

- RLS Corners
- Miris Corners
- County Gravel
- Paved Roads
- Gravel Roads
- Powerlines
- Trails
- Snowmobile Trails
- Ski Trails
- Stand Boundary
- 026 - Opening Maintenance
- 100 - Final Harvest
- 116 - Final Harvest/Planting
- 300 - Shelterwood-seed
- 400 - Thinning
- 800 - Selection

