

1404

MM&A 1104 DAY INSPECTION SHEET

LOCATION: Derby DATE: 5/3/10

LOCOMOTIVE NO. 3000

No.	INSPECT-CHECK	INSPECTOR'S SIGNATURE
	PERFORM ALL 100 SERIES INSPECTIONS AND TESTS WITH LOCOMOTIVE OUTSIDE OF SHOP BUILDING	
100	PERFORM SELF TEST ON ALERTER-EVENT RECORDER. DOWN LOAD EVENT RECORDER. INSURE THAT ALL DATA PARAMETERS ARE BEING RECORDED, VERIFY PROPER TIME AND DATE ON RECORDER.	Downloaded, Printed, SEE DEFECTS - Filed J. Harsh
101	SELF LOAD UNIT OUTSIDE. RECORD KW, AMPS AND VOLTS	<i>[Signature]</i>
102	MANUALLY PULL EACH FUEL PUMP RACK SLIGHTLY AND LISTEN FOR A SHARP WRAP, WHICH INDICATES THAT THE NOZZLE AND CYLINDER ARE MOST LIKELY OPERATING PROPERLY.	DRH
103	CHECK "DID" ON THE BRIGHTSTAR SCREEN. IF FAULT IS DISPLAYED, RECORD ON DEFECT SHEET AND INVESTIGATE THE CAUSE. RUN LOCOMOTIVE SELF TEST IF NEEDED.	-N/A-
104	LISTEN TO DIESEL ENGINE IN IDLE FOR ANY UNUSUAL SOUNDS. MAKE VISUAL INSPECTION WITH ALL DOORS OPEN. LOOK FOR WATER, LUBRICATION AND FUEL LEAKS AND MAKE CORRECTIONS AS NECESSARY.	DRH
105	CHECK ENGINE OIL LEVEL AT IDLE. ADD OIL TO FULL MARK AS NECESSARY. TAKE OIL SAMPLE AFTER RUNNING ENGINE FOR A MINIMUM OF FIVE (5) MINUTES.	DRH
106	CHECK AIR COMPRESSOR OIL LEVEL WITH ENGINE AT IDLE.	DRH
107	CHECK OIL LEVEL IN ALTERNATOR GEAR TRAIN. ADD DIESEL ENGINE OIL AS NEEDED.	DRH see Defects
108	CHECK OPERATION OF WINDOW WIPERS. REPLACE BLADES AS NECESSARY.	DRH
109	CHECK COOLING WATER LEVEL AND WATER TREATMENT CONCENTRATION. ADD TREATED OR CLEAN WATER AND COMPATIBLE WATER TREATMENT COMPOUND AS NEEDED.	DRH see Defects
110	CHECK OPERATION OF GROUND RELAY SYSTEM AND LOCK OUT PER GETS MI GEI-83418A.	<i>[Signature]</i>
111	CHECK EXHAUST MANIFOLD FOR LEAKS, CRACKS OR BROKEN WELDS. REPAIR AS NECESSARY.	DRH
112	CHECK OPERATION OF ENGINE AIR FILTER PRESSURE SWITCH PER GETS MI GEK-18104.	-N/A-
113	CHECK OPERATION OF EMERGENCY FUEL TRIPS AND THROTTLE STOPS	DRH

amps 1838  
VTE 1240  
HP 2747

114	CHECK GOVERNOR OVER SPEED SYSTEM TO ENSURE PROPER OPERATION. CHECK GOVERNOR OIL LEVEL AT IDLE.	DRh
115	TEST FLUID AMPLIFIER FOR LEAKAGE PER MI GE K-35899.	DRh
116	INSPECT AND TEST ALL ALARMS, AUTOMATIC CONTROLS AND PROTECTIVE DEVICES	
117	RUN MANUAL SELF TEST USING DID PANEL.	-N/A-
118	CHECK AND VERIFY OPERATION OF SPEEDOMETER	DRh
119	ENSURE WATER GOES INTO RADIATOR AND TANK SIGHT GLASS IS LOWER AT APPROX 180 DEGREES ON WATER TANK TEMP GAGE. CHECK COOLING WATER AMPLIFIER FOR LEAKS DURING LOAD BOX TEST.	DRh
120	PERFORM OUTBOUND AIR BRAKE LEAKAGE TESTS AND VERIFY AUTOMATIC AND INDEPENDENT WORK CORRECTLY. APPLY AUTOMATIC BRAKE TO FULL SERVICE POSITION, CUT OUT AIR VALVE, AND VERIFY THAT BRAKE CYLINDERS STAY APPLIED FOR FIVE (5) MINUTES.	DRh
121	APPLY INDEPENDENT BRAKES, MOVE REVERSER TO FORWARD, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. RETURN THROTTLE TO IDLE, MOVE REVERSER TO REVERSE, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. IF NO AMPERAGE APPEARS, IDENTIFY AND CORRECT PROBLEM.	DRh
122	CHECK OPERATION OF CAB HEATERS AND REFRIGERATOR. MAKE REPAIRS AS NECESSARY.	DRh see defects
200	CHECK THAT ALL ACCESS PANEL HATCHES AND DOORS OF ELECTRICAL EQUIPMENT AND CABINETS ARE IN PLACE AND SECURED AND PROPERLY STENCILED WITH WARNING LABELS	J. Hartin
201	CLEAN AND INSPECT CAB. MAKE SURE NO TOOLS OR DEBRIS IS ON THE FLOOR.	J. Hartin
202	CHECK ALL CIRCUITS FOR GROUNDS, SHORT CIRCUITS AND DAMAGED INSULATION. CLEAN CONTROL EQUIPMENT COMPARTMENTS USING LOW VELOCITY DRY AIR OR A VACUUM CLEANER WITH A SOFT BRUSH	HV - 2.1 Meg LV - ok J. Hartin
203	INSPECT ELECTRICAL EQUIPMENT POWER CONTACTOR TIPS, ARC CHUTES AND INTERLOCK PLUNGER BOLTS. CHECK FOR BURNED WIRING AND LOOSE OVERHEATED ELECTRICAL	J. Hartin

204	INSPECT MASTER CONTROLLER (17KC120), CLEANING CONTACT BRUSH WEAR DUST OR DEBRIS FROM DYNAMIC BRAKE POTENTIOMETER (IF PAINTED GREY VERSION) WITH DRY COMPRESSED AIR.	J. Martin
205	TEST ALL GAUGES FOR ACCURACY	RECORD IN AIR SHEET
206	INSPECT LOW PRESSURE FUEL HOSE. REPLACE AS NECESSARY.	J. Martin
207	INSPECT MAIN ALTERNATOR COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Martin
208	INSPECT AUXILIARY ALTERNATOR AND EXCITER COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION. (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Martin
209	INSPECT <del>DYNAMIC BRAKE BLOWER</del> MOTORS AND FUEL BOOSTER PUMP MOTOR COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION. (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Martin
210	REMOVE CARBON BUILD UP FROM CRANKCASE BREATHER PIPE IN EXHAUST STACK (IF EQUIPPED).	J. Martin
211	REPLACE FUEL FILTER ELEMENT.	J. Anderson
212	GREASE AND INSPECT GOVERNOR LINKAGE TO FUEL RACKS FOR PROPER OPERATION. APPLY TORQUE ADAPTER AND CHECK THAT TORQUE REQUIRED TO OPERATE LINKAGE DOES NOT EXCEED 25 FT.-LBS. DRAIN AND REFILL WITH NEW OIL (GE SPEC. D6B17F10, SAE 10W-30 GRADE SF OR BETTER); OPERATE ENGINE FOR FIVE (5) MINUTES TO CIRCULATE OIL, ADD OIL TO PROPER LEVEL WHILE ENGINE IS AT IDLE. CHECK	J. Anderson
213	CHANGE ALL LUBE OIL FILTERS, CLEAN LUBE OIL STRAINER AND TAKE LUBE OIL SAMPLE	J. Anderson
214	INSPECT ALL FLEXIBLE COUPLINGS. CHECK RUBBER BUSHINGS FOR DETERIORATION, REPLACE AS NECESSARY	J. Martin

215	INSPECT EXHAUST MANIFOLD, HEAT SHIELDS, SILENCER AND EXHAUST STACK.	J. Black
216	CHECK OIL LEVEL OF RADIATOR FAN GEAR BOX. CLEAN FAN BLADES AND MAKE CLOSE VISUAL INSPECTION FOR CRACKS. IF ANY CRACKS ARE FOUND, REPLACE RADIATOR FAN.	J. Martin
217	REPLACE BAGGIE AIR FILTERS WITH NEW ELEMENTS	B. Wiles
218	CLEAN EXTERIOR OF AIR COMPRESSOR INTERCOOLER AND INSPECT FOR LEAKAGE. CHECK OPERATION OF UNLOADERS. DRAIN OIL, CLEAN SUMP SCREEN, ADD NEW OIL, (GE SPEC D6B11D3) AND CLEAN FILTER (if applicable). REPLACE INLET AIR FILTERS. REPLACE CMV SYSTEM IN-LINE FILTER	J. Martin
219	FREEDOM OF OPERATION	J. Martin
220	INSPECT AND CLEAN ENGINE COALESCER AIR FILTER CARTRIDGE WITH MINERAL SPIRITS	J. Martin
221	CLEAN ENGINE ROOM WITH APPROVED CLEANING AGENT. MAKE SURE PLATFORM DRAINS ARE NOT PLUGGED	
222	INSPECT COOLING SYSTEM FOR OIL AND CORROSION. CLEAN AS NECESSARY (MI 09601). CHECK COOLING WATER LEVEL AND WATER TREATMENT CONCENTRATION. ADD TREATED OR CLEAN WATER AND COMPATIBLE WATER TREATMENT COMPOUND AS NEEDED. REPLACE OR RECONDITION AMOT THERMOSTAT	J. Martin
223	CHANGE OUT FUEL INJECTION NOZZLES. TORQUE NUTS IN HIGH PRESSURE LINE TO SPECIFICATION.	N/A
224	LUBRICATE EQUIPMENT BLOWER BEARINGS (GE SPEC. D6A2C5)	J. Martin
300	VISUALLY INSPECT ALL COMPONENTS OF THE CRANK CASE OF DIESEL ENGINE. PRESSURIZE THE COOLING SYSTEM AND BAR THE ENGINE OVER SLOWLY AND INSPECT THE INSIDE OF THE LINERS, BOTTOM OF PISTONS, ROD THRUST FACES ETC.	J. Black RI-8-015
301	TAKE AND RECORD CRANKSHAFT LATERAL MEASUREMENT	0.026 J. Black
302	VISUALLY INSPECT ALL CYLINDER INLET PORTS FOR CARBON BUILD UP. IF CARBON THICKNESS APPROACHES 6 MM IN ANY PORT, CLEAN ENTIRE ENGINE.	J. Black
303	CHECK CYLINDER TAPPET CLEARANCE AND ADJUST AS NECESSARY.	J. Black / J. Martin
304	CLEAN AND QUALIFY FUEL HEATER.	
400	INSPECT ENTIRE LOCOMOTIVE FOR LOOSE BOLTS, NUTS AND PIPE JOINTS. TIGHTEN OR REPAIR AS APPROPRIATE.	J. Black
	CHANGE AUX-CAB FILTER	J. Martin

401	CLEAN RADIATORS.	
402	INSURE THAT SAND BOXES ARE FULL.	DR
403	INSPECT ALL HAND RAILS AND RAILINGS TO INSURE THEY ARE STRAIGHT AND SECURE.	J. Martin
404	INSPECT ALL LIGHT BULBS TO INSURE THEY ARE OPERATIONAL.	J. Martin
405	CHECK COUPLER HEIGHT (950 MM MIN, 1080 MM MAX, 1050 MM NOMINAL) AND DRAFT GEAR ON BOTH ENDS FOR FREE SLACK (FREE SLACK SHALL NOT EXCEED 13 MM) AND RECORD-FRONT: <u>7/16</u> REAR: <u>0</u>	J. Anderson
406	WASH EXTERIOR OF BATTERY TRAYS. INSPECT BATTERIES FOR PROPER ELECTROLYTE LEVEL, FILLING AS NECESSARY, CHECK ALL ELECTRICAL CONNECTIONS, FLUSH AND GREASE TERMINALS AS NEEDED, CHECK AND RECORD SPECIFIC GRAVITY ON BACK OF THIS SHEET.	F - Good - 33.9V R - Good - 33.4V J. Martin
407	TEST / QUALIFY MU JUMPER CABLE WITH TESTER	
500	PERFORM INTERNAL TRACTION MOTOR INSPECTION. INSPECT ALL VISIBLE INSULATION AND CONNECTIONS ON TRACTION MOTOR LEADS AND CARBODY BOOTS. INSPECT ALL CABLES FOR INDICATIONS OF RUBBING AGAINST OTHER CABLES OR THE BOGIES-ELIMINATE ANY RUBBING. CHECK MOTOR FLEXIBLE AIR DUCTS FOR LEAKS. CHECK FOR LOOSE OR MISSING TRACTION MOTOR COMMUTATOR COVERS. CHECK COMMUTATOR FOR DISCOLORATION AND DAMAGE. CHECK FOR CHIPPED, BROKEN OR DAMAGED BRUSHES. REPLACE BRUSHES IN SETS IF TOO SHORT TO LAST TO NEXT INSPECTION.	J. Martin
501	PERFORM TRACTION MOTOR LUBRICATION INSPECTION. CHECK FOR HEAVY FILM OF LUBRICANT ON GEAR TEETH. IF LOW, FILL TO BOTTOM OF LOWER INSPECTION OPENING (GE SPECIFICATION D50E8C) REPLACE LEAKING OR DEFECTIVE FILLER CAPS. DRAIN OIL FROM TRACTION MOTOR SUPPORT BEARINGS. REMOVE WICK ASSEMBLY. REFILL WITH NEW OIL (GE SPEC D50E14) NOTE: CLEAN DIRT AND DEBRIS FROM WICK, WICK PLATE AND FILL OPENING AREAS PRIOR TO INSPECTION OR FILLING. CHECK FOR SIGNS OF EXCESS HEAT AROUND THE SUPPORT BEARING CAPS AND DIRT SHIELD.	J. Anderson
GREASE ALL DRIVE SHAFTS		
+ FANS		
D.O top Deck inspection		
WASH Windows on		
Owt Bound		

502	INSPECT WHEELS FOR CRACKS, SHELLLED TREADS OR FLAT SPOTS. CHECK FOR PROPER RIM THICKNESS AND MAKE CORRECTIONS AS NECESSARY. COMPLETE WHEEL INSPECTION REPORT.	<i>J. Anderson</i>
503	DRAIN WASTE OIL RETENTION TANK. INSPECT DRAIN TROUGHS ALONG THE WALKWAYS TO ENSURE DRAIN HOLES ARE NOT PLUGGED.	<i>DRM</i>
504	CHECK OIL LEVEL IN JOURNAL BOXES (IF APPLICABLE)	<i>J. Anderson</i>
505	CHECK TRACTION MOTOR NOSE SUSPENSION FOR DAMAGE, DETERIORATED RUBBER PADS, SEPARATION OF RUBBER FROM STEEL SEPARATORS AND FOR CRACKS IN PARTS OR AT WELDS. RENEW WEAR PLATES WHEN EXCESSIVELY WORN.	<i>J. Anderson</i>
506	INSPECT TRUCK WEAR PLATES FOR PRESENCE, CRACKED WELDS AND EXCESSIVE WEAR. MEASURE PEDESTAL WEAR LINER WEAR AND REPLACE IF WORN TO 11 MM OR LESS. REPLACE AS NECESSARY. INSPECT SHOCK ABSORBERS FOR LEAKING CYLINDERS OR LOOSE MOUNTING HARDWARE. INSPECT TIE BAR BOLTS FOR TIGHTNESS.	<i>J. Anderson</i>
507	CHECK GEARCASE BOLTS FOR PROPER SECUREMENT BY GENTLY TAPPING WITH A HAMMER TO DETECT LOOSE BOLTS. IF LOOSE, TORQUE: CASE TO MOTOR-440-495 ft.-lbs., GEARCASE HALVES-185-210 ft.-lbs. REPLACE LEAKING OR DEFECTIVE FILLER CAPS.	<i>J. Anderson</i>
508	DRAIN FUEL TANK CONDENSATION.	<i>N/A</i>
509	INSPECT TRUCKS FOR LOOSE OR DRAGGING EQUIPMENT. REPAIR AS NEEDED. ENSURE THAT SAND PIPES ARE PROPERLY ALIGNED SO THAT THE SANDERS DEPOSIT SAND ON RAIL IN FRONT OF WHEELS.	<i>J. Anderson</i>
510	INSPECT BRAKE RIGGING, BRAKE BLOCKS AND SLACK ADJUSTERS FOR EXCESSIVE WEAR. REPLACE BRAKE BLOCKS AS NEEDED. ADJUST SLACK ADJUSTER AS NEEDED FOR PROPER PISTON TRAVEL WHICH MUST NOT EXCEED 150 MM.	<i>J. Anderson</i>
600	PERFORM OUTBOUND SELF LOAD TEST AND RECORD HP, AMPS, VOLTS, BATTERY VOLTS, WATER AND OIL TEMP	<i>A-1847 HP 2748 V-1049 J. Hartin</i>
601	ENSURE WATER GOES INTO RADIATOR AND TANK SITE GLASS IS LOWER AT APPROX 180 DEGREES ON WATER TANK TEMP GAGE	<i>J. Hartin</i>

602	PERFORM OUTBOUND AIR BRAKE LEAKAGE TESTS AND VERIFY AUTOMATIC AND INDEPENDENT WORK CORRECTLY. APPLY AUTOMATIC BRAKE TO FULL SERVICE POSITION, CUT OUT AIR VALVE, AND VERIFY THAT BRAKE CYLINDERS STAY APPLIED FOR FIVE (5) MINUTES.	J. Hart
603	APPLY INDEPENDENT BRAKES, MOVE REVERSER TO FORWARD, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. RETURN THROTTLE TO IDLE, MOVE REVERSER TO REVERSE, OPEN THROTTLE AND OBSERVE AMPERAGE ON AMPERAGE METER. IF NO AMPERAGE APPEARS, IDENTIFY AND CORRECT PROBLEM.	J. Hart
604	CHECK SANDERS FOR PROPER OPERATION, COMPRESSOR PICK-UP AND DROP-OUT PRESSURES, AND INSPECT ANY OIL, FUEL OR WATER LEAKS CORRECTED.	J. Hart
605	RUN AUTO SELF TEST USING DID PANEL.	<hr/>
606	REVIEW COMMENT AND DEFECT SHEETS AND CORRECT ANY DEFECTS NOT CORRECTED.	
0	SUPERVISOR'S SIGNATURE	

Montreal, Maine, & Atlantic Railway  
Mechanical Department

Unit Number. MMA 3600

Date 5-4-10

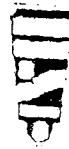
1. Inspect traction motor wicks and report action

	L	R	
#1.	LOK	OK	... <u>J. Anderson</u>
#2.	OK	OK	... <u>J. Anderson</u>
#3.	OK	OK	... <u>J. Anderson</u>
#4.	OK	OK	... <u>J. Anderson</u>
#5.	Coming out		... <u>J. Anderson</u>
#6.	OK.	OK.	... <u>J. Anderson</u>



# Montreal, Maine & Atlantic Railway

## LOCOMOTIVE & CAR WHEEL REPORT



Loco or Car Initial & Number MMA 3000

Date of inspection 5-4-10

Location of inspection Derby

Inspector's Name J. Anderson  
(Check One)

Incoming Inspection	Outbound Inspection
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Left Side

Right Side

Flange Thickness <b>A</b>	Rim Thickness <b>B</b>	Flange Height <b>D</b>	Location	Flange Thickness <b>A</b>	Rim Thickness <b>B</b>	Flange Height <b>D</b>	Motor Type	NOISE CHECK
1.09	1.09	3.18	1	1.09	1.09	3.18		7/16
1.06	1.08	2.18	2	1.06	1.08	2.18		7/16
1.09	1.09	3.20	3	1.08	1.08	3.20		1/2
1.08	1.08	3.20	4	1.10	1.10	3.20		3/8
1.04	1.06	3.24	5	1.04	1.07	3.24		1/2
1.08	1.08	3.20	6	1.09	1.09	3.20		1/2

Coupler Height (minimum 31.5" maximum 34.5")

Front	33	Rear	34
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Pilot Height (minimum 3" maximum 6")

Front	5	Rear	5 1/2
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Side Bearing Clearance (total to be between 3/16" & 1/2")

Left Front	1/4	Right Front	3/16	Left Rear	1/4	Right Rear	3/16
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UNIT # 3000

DATE 9/3/10

MAIN ALTERNATOR

POS	1	2	3	4	B	W
9						
10						
11	OK					
12						
1						
2						

SIGNATURE J. Hart

NO. 1 TRACTION MOTOR  
7411954 E Grease

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE J. Hart

NO. 2 TRACTION MOTOR  
2308192 E Grease

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE J. Hart

AUXILIARY GENERATOR

POS	1	2	3	B	W
2					
4	✓✓				
8					
10					

SIGNATURE J. Hart

NO. 3 TRACTION MOTOR  
7511775W E Grease

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE J. Hart

NO. 4 TRACTION MOTOR  
0386159956 AG 6800

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE J. Hart

EXCITER GENERATOR

POS	1	2	3	B	W
2					
4	OK				
8					
10					

SIGNATURE J. Hart

NO. 5 TRACTION MOTOR  
7489051 E 6800

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE J. Hart

NO. 6 TRACTION MOTOR  
AC244494 E 6800

POS	1	2	3	B	W
3					
6	OK				
9					
12					

SIGNATURE J. Hart

~~DIVISION BREAKING BLOWER MOTORS~~

FRONT Cab Heaters

POS	1	B	W
2			
4	OK		
8			
10			

SIGNATURE J. Hart

REAR

POS	1	B	W
2			
4	✓		
8	✓		
10			

SIGNATURE J. Hart

FUEL PUMP MOTOR

POS	1	B	W
3			
9	OK		

SIGNATURE J. Hart

Montreal, Maine, & Atlantic Railway  
Locomotive

Unit 3006

Date 5-5-6

3 Month Federal Air Work

1. Inspect and repair air piping and valves for leaks ..... J. Black Signature
2. Test all air gauges with gauge tester and set if required INC. Air Flow Meter
3. With full brake pipe pressure, make a 20lb. reduction, move the cutoff valve to "OUT" position and move the lead - dead valve to "DEAD" position. Brakes must remain applied for 5 minutes..... J. Martin
4. Cover each trainline hose coupling with hand and test for leakage through valve, then apply blank dummy couplings to the trainline hoses on each end of the unit and open trainline valves. Make a 20lb. reduction with the Automatic, move the cutoff valve to "OUT" position and check for brake pipe leakage. Leakage shall not exceed 5 lb. per minute..... J. Martin
5. Reduce main reservoir pressure to 85 lbs. by draining #2 main reservoir. (\*) Check cab gauge for leakage from main reservoirs and piping for 3 minutes. Leakage must not exceed an average of 3 lb. per minute during the test..... J. Martin
6. Drain #1 main reservoir (\*) completely and test check valve between reservoirs. Pressure should remain on the main reservoir gauge in the cab as #1 main reservoir is drained..... J. Martin
7. Check all MU valve handles to ensure the locking devices work properly. Lubricate or replace as necessary..... J. Martin
8. Check knuckle thrower to make sure it opens the knuckle. Lubricate or repair as necessary..... J. Black

Note (\*) #1 reservoir is without the check valve. # 2 is with the check valve.

Montreal, Maine and Atlantic Railway  
12 Month Airwork

Unit Number 3000

Date 5-3-10

1. Test resistance of Electrical Equipment to Ground:
  - a. Hi Voltage System..... J. Hartin
  - b. Low Voltage System..... J. Hartin
  - c. A/C System..... [Signature]
2. Check Fire Extinguisher..... J. Hartin
3. Lubricate Brake Pistons..... J. Hartin
4. Measure slack in draft gears & record: Front 1/4 Rear 3/8
5. Change Main Reservoir Relief Valve..... NONE IN STOCK
6. Remove and clean Salem Filters..... J. McNeill
7. Remove and clean Dirt Filter..... J. Black
8. Check Compressor on/off pressures.....
9. Check Brake Pipe pressures (90lbs.)..... J. McNeill
10. Check Brake Cylinder Pressure with Auto Application..... D.M.
11. Check Independent Brake Pressure..... D.M.
12. Cut out Compressor Unloader and test Main Reservoir Relief Valve.  
(Should pop @ 155psi)..... [Signature]
13. Inspect and test Hand Brake..... D.M.
14. Change Air Compressor oil and Filter (wipe out base)..... O. McNeill
15. Inspect Air Compressor Rod Bolts, Brgs., and Oil Pump... O. McNeill
16. Check Oil pressure @ idle and record..... 6.5 PSI [Signature]
17. Change Oil in Dash 7:
  - a. Alternator..... J. Hartin
  - b. Fan Drive..... J. Hartin
18. Check Engine Adjustments..... J. Black
19. Clean Air Boxes..... J. Hartin
20. Clean Diode Bank in Dash 8's... + Dash 7's..... J. Hartin

Comments:

Compression Readings <sup>#</sup> 3000 5-5-10

	L		R
1	325		1 310
2	315		2 350
3	320		3 330
4	335		4 270
5	325		5 320
6	350		6 370
7	325		7 270
8	325		8 350