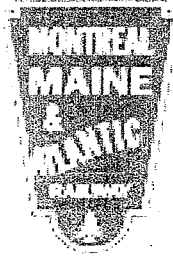


8525



~~8525~~

Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 8525 on this date 1-10-11 and take no exception to applicable laws, rules and or MMA standards, policies and standards.

[Handwritten signature]

Service Operations

THROTTLE 8 INBOUND LOAD TESTS

UNIT _____

DATE _____

Eng RPM (900)	FMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	_____
Horsepower		_____	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	_____
Volts (7)	C-30	_____		
Volts (720)	B-39	_____		

THROTTLE #1 STALL TEST

CP Mode	(PWR)	_____	
AMPS	(300)	_____	
MGA	(1220)	_____	NOT APPLICABLE TO B-23 AND C-30
Charging Rate	(70v)	_____	

CAME DEAD and DEWIVED
B-23, B-39, C-30, GP-7 INSPECTION
In-Bound Loadtest Electrical/Mechanical

	WORKED BY:
ELECTRICAL	
VERIFY THE OPERATION OF THE GROUND RELAY	
CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)	
WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS	
CHECK OPERATION OF:	
A. HEATING	
COMPLETE THE IN-BOUND LOAD TEST SHEETS	
GROUND RELAY-(TEST THREE TIMES TO VERY LOCK-OUT)(DYNAMIC & POWER)	
CHECK THE FOLLOWING FOR PROPER OPERATION:	
A. CREW ALERT	
B. RADIO AND ANTENNA	
C. AXLE ALT. SPEEDO	
D. MU ENGINE SHUTDOWN	
E. FUEL CUT-OFF	
F. TEST WARNING DEVICES	
MECHANICAL	
CLEAN AND SERVICE TOILET AND RESTROOM	
DRAIN RETENTION TANK	
PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.	
INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS	
INSPECT COOLING SYSTEM:	
A. CHECK HOSES AND PIPES FOR LEAKS	
CHECK OPERATION OF ENGINE PROTECTION DEVICES:	
A. CRANKCASE PRESSURE	
VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS	
PERFORM MANUAL AIR BRAKE TEST	
Verify Flow Gauge	
130 main reservoir is 64 + or - 3,	
reservoir is 60 + 0	NOTE: 120- 130-140 main
PERFORM PENALTY BRAKE TEST	
CHECK FOR CORRECT AIR PRESSURE SETTINGS:	
A. MAIN RESERVOIR (130 - 140 PSI)	
B. BRAKE PIPE (90 PSI)	
C. EQUALIZING RESERVOIR (90 PSI)	
D. BRAKE CYLINDER (72 - 74 PSI)	
E. COMPRESSOR CONTROL (130 - 140 PSI +/- 5 PSI)	
CHECK FLUID LEVELS BEFORE LOADING:	
A. ENGINE OIL	
B. COOLING WATER	
C. AIR COMPRESSOR OIL	
TEST OPERATION OF THE FOLLOWING DEVICES:	
A. BELL	
B. SANDERS (FORWARD, REVERSE, EMERGENCY)	
C. RADIATOR SHUTTERS	

Service Operations ^{8216000's}

THROTTLE 8 INBOUND LOAD TESTS

UNIT _____

DATE _____

Eng RPM (900)	EMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	<u>165</u>
Horsepower		<u>3758</u>	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	<u>23.5</u>
Volts (7)	C-30	_____		
Volts (720)	B-39	<u>701</u>		

THROTTLE #1 STALL TEST

OP Mode	(PWR)	<u>F</u>	
AMPS	(300)	<u>300</u>	
MGA	(1220)	384 <u>1290</u>	NOT APPLICABLE TO B-23 AND C-30
Charging Rate	(70v)	<u>74</u>	

Unit: 8625

Date: 1-07-11

DEFECTS FOUND DURING INSPECTION

DEFECT	<u>Fitting over top of water tank split</u>	INSPECTED BY:	<u>J. Black</u>
REPAIR	<u>Replaced fitting / squeezed - OK Reset AUTO DRAIN Valve.</u>	CORRECTED BY:	<u>B. Clency</u>

DEFECT	<u>Bolt missing from R-3 pedestal line</u>	INSPECTED BY:	<u>J. Black</u>
REPAIR	<u>Replaced Bolt</u>	CORRECTED BY:	<u>J. Black</u>

DEFECT	<u>Batteries Dead</u>	INSPECTED BY:	<u>J. Black</u>
REPAIR	<u>put unit on charge - Replaced batteries</u>	CORRECTED BY:	<u>JK - DB</u>

DEFECT	<u>Bolts Missing R#3 bottom missing</u>	INSPECTED BY:	<u>D. Black</u>
REPAIR	<u>Replaced Bolts</u>	CORRECTED BY:	<u>D. Black</u>

DEFECT	<u>Governor bad diaphragm Bad hose to governor + plugged</u>	INSPECTED BY:	<u>D. Black</u>
REPAIR	<u>replace diaphragm and new hose + unplugged.</u>	CORRECTED BY:	<u>To. Porter</u>

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

DEFECT	<i>FT, sand empty near sand empty</i>	INSPECTED BY:	<i>D. Blund</i>
REPAIR	<i>full of sand FTR</i>	CORRECTED BY:	<i>D. Blund</i>

DEFECT	<i>Governor leaking water</i>	INSPECTED BY:	<i>JH</i>
REPAIR	<i>Replaced Diaphragm</i>	CORRECTED BY:	<i>JH</i>

DEFECT	_____	INSPECTED BY:	_____
REPAIR	_____	CORRECTED BY:	_____

DEFECT	_____	INSPECTED BY:	_____
REPAIR	_____	CORRECTED BY:	_____

DEFECT	_____	INSPECTED BY:	_____
REPAIR	_____	CORRECTED BY:	_____

Description of Work Performed

Locomotive ID

~~1835~~

Time Started

7:00

Time Finished

5:00

repaired gouner disiphon and water hose + unpluged
T. Hartin. Replaced bolt #13 pedestal liner. D. Black
added treatment and full with water. D. Black
replace light bulbs, T. Hartin.
repaired water lock and squeezed unit B. Clary

Description of Work Performed

Locomotive ID

Time Started

Time Finished

Employee Signature _____ Form to fill out completely and Signature must be legible.

