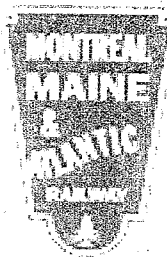


3613



~~3613~~

Locomotive Release from Shop Form

To be completed on every engine released from the Shop

3613

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

# Service Operations

UNIT \_\_\_\_\_

DATE \_\_\_\_\_

## THROTTLE & INBOUND LOAD TESTS

Eng RPM (900)	EMD	_____	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

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

**B-23, B-39, C-30, GP-7 INSPECTION**

**In-Bound Loadtest Electrical/Mechanical**

**ELECTRICAL**

WORKED BY:

- 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
- 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

NOTE: 120-130-140 main

*T. Plouffe*  
*T. Plouffe / D. Black*  
*T. Plouffe*  
*T. Plouffe*

# Service Operations

UNIT \_\_\_\_\_

DATE \_\_\_\_\_

## THROTTLE 8 INBOUND LOAD TESTS

Eng RPM (900)	EMD	_____	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

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

Unit: 3613

Date: 1-11-11

### DEFECTS FOUND DURING INSPECTION

DEFECT <u>5 worn THW BRAKE SHOES</u>	INSPECTED BY: <u>TP Goodie</u>
REPAIR <u>REPLACED 5 B-SHOES</u>	CORRECTED BY: <u>TP Goodie / J. Black</u>

DEFECT <u># 2 TM Bad / locked up / cut pinion</u>	INSPECTED BY: <u>TP Goodie / J. Black</u>
REPAIR <u>REPLACED # 2 TM WITH a RTO TM</u>	CORRECTED BY: <u>TP Goodie / J. Black</u>

DEFECT <u># Spitter valve bad</u>	INSPECTED BY: <u>TP Goodie</u>
REPAIR <u>Replaced valve</u>	CORRECTED BY: <u>TP Goodie</u>

DEFECT <u># 2 Heater for spitter valve bad wiring</u>	INSPECTED BY: <u>J. Black</u>
REPAIR <u>Replaced Heater</u>	CORRECTED BY: <u>J. Black</u>

DEFECT <u>4 bad light bulbs</u>	INSPECTED BY: <u>TP Goodie</u>
REPAIR <u>Replaced bulbs</u>	CORRECTED BY: <u>TP Goodie</u>

#3 6-Case bolt missing

Replaced 6-Case bolt

TP Goodie

Unit: \_\_\_\_\_

Date: \_\_\_\_\_

### DEFECTS FOUND DURING INSPECTION

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

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

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

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

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



# Description of Work Performed

Locomotive ID

Time Started

Time Finished

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



