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Locomotive Release from Shop Form  
To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 5078 on this  
date 11-3-11 and take no exception to applicable laws, rules and or MMA  
standards, policies and standards.



UNIT \_\_\_\_\_

DATE \_\_\_\_\_

## Service Operations

### 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 (7.20)	B-39	_____		

### THROTTLE #1 STALL TEST

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

### TL 24T

Throttle 1	(1V)	_____
Throttle 2		_____
Throttle 3		_____
Throttle 4		_____
Throttle 5		_____
Throttle 6		_____
Throttle 7		_____
Throttle 8	(72V)	_____



B-23, B-39, C-30, GP-7 UNSCHEDULED

UNIT:

ITEM	MECHANICAL	<i>Running Mechanical</i>		WORKED BY:
	INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):	<i>T. Boadie</i>	<i>J. Black</i>	
	PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.	<i>T. Boadie</i>	<i>J. Black</i>	
	INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS	<i>T. Boadie</i>	<i>J. Black</i>	
	INSPECT COOLING SYSTEM:	<i>T. Boadie</i>	<i>J. Black</i>	
	A: CHECK HOSES AND PIPES FOR LEAKS	<i>T. Boadie</i>	<i>J. Black</i>	
	VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS	<i>T. Boadie</i>	<i>J. Black</i>	
	TEST AIR BRAKE EQUIPMENT PER RULE 212	<i>T. Boadie</i>	<i>J. Black</i>	
	PERFORM PENALTY BRAKE TEST	<i>T. Boadie</i>	<i>J. Black</i>	
	CHECK FLUID LEVELS BEFORE LOADING:	<i>T. Boadie</i>	<i>J. Black</i>	
	A: ENGINE OIL	<i>T. Boadie</i>	<i>J. Black</i>	
	B: COOLING WATER	<i>T. Boadie</i>	<i>J. Black</i>	
	C: AIR COMPRESSOR OIL	<i>T. Boadie</i>	<i>J. Black</i>	
	TEST OPERATION OF THE FOLLOWING DEVICES:			
	A. BELL	<i>T. Boadie</i>	<i>J. Black</i>	
	B. SANDERS (FORWARD, REVERSE, EMERGENCY)	<i>T. Boadie</i>	<i>J. Black</i>	
	C. RADIATOR SHUTTERS			
	INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI	<i>T. Boadie</i>	<i>J. Black</i>	
	INSPECT SAFETY POP. 155 PSI	<i>T. Boadie</i>	<i>J. Black</i>	



UNIT \_\_\_\_\_

DATE \_\_\_\_\_

# Service Operations

## THROTTLE 8 OUTBOUND LOAD TESTS

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

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

### TL 24T

Throttle 1	(1V)	_____
Throttle 2		_____
Throttle 3		_____
Throttle 4		_____
Throttle 5		_____
Throttle 6		_____
Throttle 7		_____
Throttle 8	(72V)	_____

*L.C.G.P.'s Check Base For Pressure on out Board*

Unit: 5078

Date: 11-3-11

### DEFECTS FOUND DURING INSPECTION

DEFECT	<u>#4 TM BAD BEARING IN MOTOR</u>	INSPECTED BY:	<u>T. Boocki</u>
REPAIR	<u>REPLACED #4 TM - <del>TM</del></u>	CORRECTED BY:	<u>J. Black / T. Boocki</u>
DEFECT	<u>#2 G-Case bolts All LOOSE - spoiled G-Case seal</u>	INSPECTED BY:	<u>T. Boocki</u>
REPAIR	<u>Removed &amp; Replaced G-Case</u>	CORRECTED BY:	<u>J. Black / T. Boocki</u>
DEFECT	<u>L2 B-cylinder Bracket bolts loose - bad bushing on Brake Arm</u>	INSPECTED BY:	<u>T. Boocki</u>
REPAIR	<u>Replaced with new bolts &amp; bushing</u>	CORRECTED BY:	<u>J. Black</u>
DEFECT	<u>#L4 &amp; R4 pedestal liners worn out</u>	INSPECTED BY:	<u>J. Black</u>
REPAIR	<u>Replaced with new G-E liners</u>	CORRECTED BY:	<u>T. Boocki / J. Black</u>
DEFECT	<u>#2 TM pedestal liners (L5) bad</u>	INSPECTED BY:	<u>T. Boocki</u>
REPAIR	<u>Replaced both</u>	CORRECTED BY:	<u>J. Black / T. Boocki</u>

Unit: 5078

Date: 11-3-11

### DEFECTS FOUND DURING INSPECTION

DEFECT <u>Cab windows dirty</u>	INSPECTED BY: <u>J. Black</u>
REPAIR <u>cleaned windows inside + out</u>	CORRECTED BY: <u>J. Black / P. Boode</u>

DEFECT <u>Cont. Tank Full</u>	INSPECTED BY:
REPAIR <u>Draimed</u>	CORRECTED BY:

DEFECT <u>5" Low on water - cold water leak below tank</u>	INSPECTED BY: <u>P. Boode</u>
REPAIR <u>stopped leaking when engine is up to Temp.</u>	CORRECTED BY: <u>P. Boode</u>

DEFECT <u>3" Low on Eng. oil</u>	INSPECTED BY: <u>J. Black</u>
REPAIR <u>Added 3" oil</u>	CORRECTED BY: <u>J. Black</u>

DEFECT <u>RS comp. intake tube loose</u>	INSPECTED BY: <u>P. Boode</u>
REPAIR <u>Tightened</u>	CORRECTED BY: <u>P. Boode</u>

L4 shock snubber bad - Replaced - P. Boode / J. Black

# Description of Work Performed

Locomotive ID \_\_\_\_\_

Time Started \_\_\_\_\_

Time Finished \_\_\_\_\_

# Description of Work Performed

ocomotive ID

Time Started

Time Finished

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



