



62N

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

I have reviewed the work packet for locomotive 5016 on this date 7/29/11 and take no exception to applicable laws, rules and or MMA standards, policies and standards.

R/S - 11/2/11  
L/4 - Replace P/A



UNIT \_\_\_\_\_

# Service Operations

DATE \_\_\_\_\_

## THROTTLE 8 INBOUND LOAD TESTS

Ing RPM (900)	EMF	_____	Tube Oil Pres	_____
Ing RPM (1050)	GE	_____	Water Temp	_____
Horsepower		_____	Overspeed Setting	_____
Volts (5.5)	B-23	_____	RACK SETTING	_____
Volts (7)	C-30	_____		
Volts (7.20)	B-39	_____		

## THROTTLE #1 STALL TEST

OP Mode	(PWR)	_____	NOT APPLICABLE TO B-23 AND C-30
AMPS	(300)	_____	
MGA	(1220)	_____	
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	WORKED BY:
	<i>Running Mechanical</i>	
	INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):	
	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	
	VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS	
	TEST AIR BRAKE EQUIPMENT PER RULE 212	
	PERFORM PENALTY BRAKE TEST	
	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	
	INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI	
	INSPECT SAFETY POP. 155 PSI	



UNIT \_\_\_\_\_

# Service Operations

DATE \_\_\_\_\_

## THROTTLE 8 OUTBOUND LOAD TESTS

Eng RPM (900)	BMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	_____	Water Temp	_____
Horsepower		_____	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SHIFTING	_____
Volts (71)	C-30	_____		
Volts (720)	B-30	_____		

## 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.P.'s Check Base For Pressure on out Board*

Unit: 5016

Date: 7-29-11

DEFECTS FOUND DURING INSPECTION

DEFECT	Gov no Good	INSPECTED BY:	J. Hart
REPAIR	CHANGE Gov	CORRECTED BY:	K. Hasey

DEFECT	RACK WAS DRY & #1 Right cylinder #2 INJECTOR sticking	INSPECTED BY:	K. Hasey
REPAIR	GREASED RACK & SET IT & REPLACED INJECTOR #2 Right 19 1/2	CORRECTED BY:	K. Hasey

DEFECT	PLUG GOING INTO GOV AND BROKEN WIRE	INSPECTED BY:	Randy Stall
REPAIR	Put new plug on	CORRECTED BY:	J. Hart

DEFECT	SPRINGS ON Tax shaft unhook	INSPECTED BY:	K. Hasey
REPAIR	HOOKED BACK UP	CORRECTED BY:	K. Hasey

DEFECT	Low oil	INSPECTED BY:	K. Hasey
REPAIR	charges out	CORRECTED BY:	K. Hasey

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

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

### DEFECTS FOUND DURING INSPECTION

DEFECT	<i>Self Loaded Engine Max Changing # 7 Left Cyl</i>	INSPECTED BY:	<i>[Signature]</i>
REPAIR	<i>AOK 2930 hp.</i>	CORRECTED BY:	<i>[Signature]</i>

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 \_\_\_\_\_

# Description of Work Performed

Locomotive ID

Time Started

Time Finished

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



AIR TEST

5016 Top Dead Center

R

L-

check for  
air leakage

1-

1-OK

2-OK

2-OK

3- done-OK

3-OK

4- Done-OK

4

- Air blow by  
power Assy NO GOOD

5-OK

5-OK

6 OK

6-OK

7 OK

7-OK

8-OK

8-OK



Checked

Oil p - 45

ATR p - none - would load

Fuel p - 26 LBS

Water - 15 LBS

### Hot Engine Comp test

R	L	
1-340	1-350	29.30 # charge cyl
2-320	2-400	
3-340	3-340	
4-390	4-280	
5-350	5- <del>340</del> 340	
6-330	6-360	
7-320	7-110	
8-390	8-350	

BAD - cyl  
Low