



6-6-11

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

I have reviewed the work packet for locomotive 8553 on this date 6-6-11 and take no exception to applicable laws, rules and or MMA standards, policies and standards.

*Defects*

*OK*

11110757  
7778780  
SC11



UNIT \_\_\_\_\_

# Service Operations

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 (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	WORKED BY:
	<i>Running Mechanical</i>	
	INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):	<i>W. Moore</i>
	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)	<i>W. Moore</i>
	C. RADIATOR SHUTTERS	
	INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI	<i>W. Moore</i>
	INSPECT SAFETY POP. 155 PSI	<i>W. Moore</i>



UNIT \_\_\_\_\_

DATE \_\_\_\_\_

# Service Operations

## THROTTLE & 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)	_____

*C.C.P.'s Check Base For Pressure on Out Bound*

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

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

### DEFECTS FOUND DURING INSPECTION

DEFECT #4 T/m TOP cover off - Broken bolts	INSPECTED BY: TPB
REPAIR Replaced cover - used	CORRECTED BY: TPB

DEFECT L3 B-cylinder Feed line leaking by O-ring	INSPECTED BY: K. Harsey
REPAIR Replaced O-ring	CORRECTED BY:

DEFECT L6 P/A out of Adj. - can hear it buffing out exhaust - no response to pump test	INSPECTED BY: TPB
REPAIR Adj values - Tight intake values loose exhaust Adj. Inj. timing - way off	CORRECTED BY: TPB / KH

DEFECT Both Fr. Ditch riter out	INSPECTED BY: TPB
REPAIR Fixed	CORRECTED BY: JA JAM

DEFECT LF release Lever bent / handrail bent in	INSPECTED BY: TPB
REPAIR Repaired both	CORRECTED BY: TPB KH

LF bottom step cracked LF corner

~~Fixed~~  
Fixed  
JAM

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

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

## DEFECTS FOUND DURING INSPECTION

DEFECT	missing 7 red flag in cab	INSPECTED BY:	TPB
REPAIR	Replaced Flag	CORRECTED BY:	TPB

DEFECT	2 rear # board lights out 1 step light out	INSPECTED BY:	TPH
REPAIR	Replaced all 3 bulbs	CORRECTED BY:	TPB

DEFECT	Toilet Stinks	INSPECTED BY:	TPB
REPAIR	Dumped - cleaned - refilled	CORRECTED BY:	TPB / KH

DEFECT	#2 spitter valve not working	INSPECTED BY:	TPB
REPAIR	Took apart & cleaned	CORRECTED BY:	TPB

DEFECT	2 worn out bushings 1 exc. piston travel	INSPECTED BY:	TPB
REPAIR	Replaced & adj - all 3 shoes	CORRECTED BY:	TPB

4" Low on oil - Added 4" oil  
2" Low on H<sub>2</sub>O Added 2" H<sub>2</sub>O > TPB

Fc. sand box > empty - Filled both TPB / KH  
Rear sand box







