

Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 8583 on this date 10-8-12 and take no exception to applicable laws, rules and or MMA standards, policies and standards.



# Service Operations

DATE \_\_\_\_\_

## THROTTLE #8 INBOUND LOAD TESTS

Eng RPM (100)	(100)	_____	Life Oil Pres	_____
Eng RPM (200)	(200)	_____	Water Temp	_____
Oil Pressure		_____	Over speed Setting	_____
Water S/G	(100)	_____	RACE SETTING	_____
Water T°	(120)	_____		
Water T° (200)	(130)	_____		

## THROTTLE #1 STALL TEST

OP Mode	(PWR)	_____	
AMPS	(300)	_____	
MGA	(120)	_____	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).	
	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	

# Service Operations

## THROTTLE 8 OUTBOUND LOAD TESTS

DATE \_\_\_\_\_  
DATE \_\_\_\_\_

Eng RPM (1000)	(1000)	_____	Gate Oil Press	_____
Eng RPM (1000)	(1000)	_____	Water Temp	_____
Eng RPM (1000)	(1000)	_____	Eng Speed Setting	_____
Volts (8.3)	(8.3)	_____	RAISE SET POINT	_____
Volts (7)	(7)	_____		
Volts (7.25)	(7.25)	_____		

### THROTTLE #1 STALL TEST

OP Mode	(DWR)	_____	
AMPS	(300)	_____	
MOA	(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.O.P.'s Check Base For Pressure on out Board

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

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

### DEFECTS FOUND DURING INSPECTION

DEFECT	Aux gen fails To buildup error message 445B	INSPECTED BY:	JH
REPAIR	Replaces BFR Panel and sticking side door safety switch	CORRECTED BY:	JH

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 8583 Time Started \_\_\_\_\_ Time Finished \_\_\_\_\_

Tested BFR panel - Found High resistance  
across panel - Replaced panel

side door safety switch sticking - replaced with  
new switch. Charging 73 Volts