



5018

Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 5018 on this date 7-21-10 and take no exception to applicable laws, rules and or MMA standards, policies and standards.



Service Operations

THROTTLE 8 INBOUND LOAD TESTS

UNIT _____

DATE _____

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)	_____	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)	_____



REVISION:
 REVISION DATE: 06/22/2010
 ISSUED BY: T. A. Scalia

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

UNIT:

ITEM	In-Bound Or Running Electrical ELECTRICAL	WORKED BY:
	ONLY INBOUND LOAD BOX A SWITCHER IF IT'S NECESSARY AND REPORTED WITH LOADING ISSUES. OTHERWISE THE LOAD BOX ON A SWITCHER WILL BE DONE ON THE OUTBOUND	
	REVIEW COMPUTER ARCHIVE DATA AND NOTE ON DEFECT SHEETS IF APPLICABLE	
	NOTE SIGNIFICANT FAULTS ON DEFECT SHEETS.	
	DOWNLOAD & TEST EVENT RECORDER SYSTEM,	
	TEST RADIO ANTENNA WITH MFJ-269 ANALYZER	Kim Hussey
	CLOSELY INSPECT THE HEAD END DEVICE CONNECTOR. ENSURE IT IS TIGHTLY CONNECTED AND NOT CROSS THREADED	Kim Hussey &
	PERFORM ALL LOCOMOTIVE SELF TEST FUNCTIONS	Kim Hussey / Dave S.
	B. CHECK FOR AC GROUNDS IN COOLING FAN CIRCUIT WITH TEST LIGHT (30 watt bulb) ONLY APPLIES TO GP-7.	
	CHECK OPERATION OF GROUND RELAY (TEST THREE TIMES TO VERY LOCK-OUT)(DYNAMIC & POWER)	NL / Kim Hussey
	CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)	Kim Hussey / Dave S.
	WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS. DOES NOT APPLY TO C-30, B-23 AND B-39.	
	CHECK OPERATION OF:	
	A. HEATING	Kim Hussey
	B. WINDSHIELD HEATERS/DEFOGGER (SEPTEMBER - FEBRUARY)	
	CHECK OPERATION OF ALERTNESS DEVICES	Kim Hussey
	CHECK OPERATION OF ALL EMERGENCY FUEL SHUTOFF DEVICES	Kim Hussey
	A. EMERGENCY FUEL CUTOFFS	Kim Hussey
	B. MU ENGINE STOP	

SEPT LOAD - 28.782

1
 21
~~24~~
 423
 68

 34 02
 25 3 80

 28 7.82



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

UNIT:

In-Bound Or Running Mechanical

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



English

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

UNIT: 5018

Out-Bound Loadtest Electrical/Mechanical

WORKED

ITEM

MECHANICAL

BY:

INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):

SMD

PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.

SMD

INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS

KIM HUSSEY

INSPECT COOLING SYSTEM:

A: CHECK HOSES AND PIPES FOR LEAKS

KIM HUSSEY

VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS

KIM HUSSEY

TEST AIR BRAKE EQUIPMENT PER RULE 212

KIM HUSSEY

PERFORM PENALTY BRAKE TEST

CHECK FLUID LEVELS BEFORE LOADING:

A: ENGINE OIL

KIM HUSSEY

B: COOLING WATER

KIM HUSSEY

C: AIR COMPRESSOR OIL

KIM HUSSEY

INSPECT SAND TRAP, NOZZLES, HOSES AND BRACKETS

KIM HUSSEY

TEST OPERATION OF THE FOLLOWING DEVICES:

A. BELL

KIM HUSSEY

B. SANDERS (FORWARD, REVERSE, EMERGENCY)

KIM HUSSEY

C. RADIATOR SHUTTERS

SMD

ELECTRICAL

CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)

IF A TRACTION MOTOR WAS REPLACED, ROLL TEST THE LOCOMOTIVE TO ENSURE THE TM LEADS ARE PROPERLY HOOKED UP

KIM HUSSEY

WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS. DOES NOT APPLY TO C-30, B-23 AND B-39.

CHECK OPERATION OF:

A. HEATING

KIM HUSSEY

COMPLETE THE LOAD TEST SHEETS

INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI

KIM HUSSEY

INSPECT SAFETY POP. 155 PSI

KIM HUSSEY

*Defects - No sand front of unit - Hussey
Put new 155 pop - Kim Hussey*



Service Operations

THROTTLE 8 OUTBOUND LOAD TESTS

UNIT _____

DATE _____

Eng RPM (900)	EMD	_____	Lube Oil Pres	_____
Eng RPM (1050)	GE	<u>1050</u>	Water Temp	<u>140</u>
Horsepower		<u>2878</u>	Overspeed Setting	_____
Volts (5.3)	B-23	_____	RACK SETTING	_____
Volts (7)	C-30	<u>6.4</u>		
Volts (720)	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)	_____

Unit: 5018

Date: 7-21-10

DEFECTS FOUND DURING INSPECTION

DEFECT <u>Fridge B/O</u>	INSPECTED BY:
REPAIR	CORRECTED BY: <u>Dave S.</u>

DEFECT <u>155 safety pop missing</u>	INSPECTED BY: <u>Kai Hony</u>
REPAIR	CORRECTED BY: <u>Kai Hony</u>

DEFECT	INSPECTED BY:
REPAIR	CORRECTED BY:

DEFECT	INSPECTED BY:
REPAIR	CORRECTED BY:

DEFECT	INSPECTED BY:
REPAIR	CORRECTED BY: