



UNIT 8525

DATE 6-28-10

Service Operations

THROTTLE 8 INBOUND LOAD TESTS

Eng RPM (900)	EMD	<u> </u>	Lube Oil Pres	<u> </u>
Eng RPM (1050)	GE	<u> </u>	Water Temp	<u> </u>
Horsepower		<u> </u>	Overspeed Setting	<u> </u>
Volts (5.3)	B-23	<u> </u>	RACK SETTING	<u> </u>
Volts (7)	C-30	<u> </u>		
Volts (720)	B-39	<u>73 volts</u>		

THROTTLE #1 STALL TEST

QB Mode	(PWR)	<u> </u>	NOT APPLICABLE TO B-23 AND C-30
AMPS	(300)	<u> </u>	
MGA	(1220)	<u> </u>	
Charging Rate	(70v)	<u> </u>	

TL 24T

Throttle 1	(1V)	<u> </u>
Throttle 2		<u> </u>
Throttle 3		<u> </u>
Throttle 4		<u> </u>
Throttle 5		<u> </u>
Throttle 6		<u> </u>
Throttle 7		<u> </u>
Throttle 8	(72V)	<u> </u>



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

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

UNIT:

ITEM	<p><i>In-Bound Or Running Electrical</i></p> <p>ELECTRICAL</p>	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	N/A
	CLOSELY INSPECT THE HEAD END DEVICE CONNECTOR. ENSURE IT IS TIGHTLY CONNECTED AND NOT CROSS THREADED	LeBlanc
	PERFORM ALL LOCOMOTIVE SELF TEST FUNCTIONS	
	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	LeBlanc
	(TEST THREE TIMES TO VERY LOCK-OUT)(DYNAMIC & POWER)	LeBlanc
	CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)	
	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	N/A
	B. WINDSHIELD HEATERS/DEFOGGER (SEPTEMBER - FEBRUARY)	N/A
	CHECK OPERATION OF ALERTNESS DEVICES	LeBlanc
	CHECK OPERATION OF ALL EMERGENCY FUEL SHUTOFF DEVICES	
	A. EMERGENCY FUEL CUTOFFS	LeBlanc
	B. MU ENGINE STOP	LeBlanc



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

UNIT:

MMA 8525

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



English

B-23, B-39, C-30, GP-7 UNSCHEDULED**UNIT:***Out-Bound Loadtest Electrical/Mechanical*

WORKED

ITEM

MECHANICAL

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

INSPECT SAND TRAP, NOZZLES, HOSES AND BRACKETS

TEST OPERATION OF THE FOLLOWING DEVICES:

A. BELL

B. SANDERS (FORWARD, REVERSE, EMERGENCY)

C. RADIATOR SHUTTERS

ELECTRICAL

CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)

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

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

COMPLETE THE LOAD TEST SHEETS

INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI

INSPECT SAFETY POP. 155 PSI



Service Operations

THROTTLE 8 OUTBOUND 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)	_____	
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)	_____

Unit: 8525

Date: 6-28-10

DEFECTS FOUND DURING INSPECTION

DEFECT <u>Oil leak at inlet to Eng, block Eng. side</u>	INSPECTED BY: <u>[Signature]</u>
REPAIR <u>Tightened Clamp</u>	CORRECTED BY: <u>J. Anderson</u>

DEFECT <u>Cond frnt. step light conduit broken at light-base</u>	INSPECTED BY: <u>[Signature]</u>
REPAIR _____	CORRECTED BY: _____

DEFECT <u>R 1 Thin Flange</u>	INSPECTED BY: <u>DM DS</u>
REPAIR <u>Change out IM</u>	CORRECTED BY: <u>M. Bailey D Black</u>

DEFECT <u>R 3 High Flange</u>	INSPECTED BY: <u>DM DS</u>
REPAIR <u>Change out IM</u>	CORRECTED BY: <u>McAuley D Black</u>

DEFECT <u>L 3 High Flange</u>	INSPECTED BY: <u>DM DS</u>
REPAIR <u>Change out IM</u>	CORRECTED BY: <u>McAuley D Black</u>

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

DEFECT	Turbo elbow bolts broke	INSPECTED BY:	J. Anderson
REPAIR	replace with new bolts	CORRECTED BY:	J. Anderson

DEFECT	Bad LR + RF snubbers	INSPECTED BY:	D Black
REPAIR	Changed out 2 snubbers	CORRECTED BY:	M. Corley

DEFECT	10 Bad pedestal liners	INSPECTED BY:	D Black
REPAIR	Replaced	CORRECTED BY:	M. Corley

DEFECT	Sand nozzels on front gone	INSPECTED BY:	M. Corley
REPAIR	Replaced	CORRECTED BY:	D Black

DEFECT	Plow + Pilot to High	INSPECTED BY:	M. Corley
REPAIR	Set Down to 5 1/2	CORRECTED BY:	D Black

Description of Work Performed

Locomotive ID

8825

Time Started

Time Finished

Going to change out all 4 wheels
two are FRA defects #1+3 and 2+4 are
smash wheels. All TM changed out 40"
wheels put in. Changed out 10 pedestal
liners. Changed out 2 snubbers
replaced rubber sand boots on front.

Description of Work Performed

Locomotive ID

Time Started

Time Finished

Employee Signature _____ **Form to fill out completely and Signature must be legible.**

UNIT#	DATE	DESCRIPTION	PART #	QUANTITY	INSTALLED	AWP

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

DEFECT #1 T.M. Small WHEEL (1.04), THIN Flange. ② PEDISTAL LINERS WORN THIN MAJOR STACK (SAUBBER) BROKEN SPRING	INSPECTED BY: <i>J. Black</i>
REPAIR Built SAME T.M. with NEW (3.0) WHEEL Replaced ② PED LINERS Replaced SAUBBER.	CORRECTED BY: <i>J. Black</i>

DEFECT # 3 WHEEL THIN Flange, small tread ③ pedistal liners worn thin Built same T.M. with New 3.0 wheels	INSPECTED BY: <i>J. Black</i>
REPAIR Built same T.M. with 3.0 wheels replace 3 pedistal liners 1 inspection T.M. cover	CORRECTED BY: <i>W. [unclear]</i> <i>J. Black</i>

DEFECT _____ _____ _____	INSPECTED BY: _____ _____
REPAIR _____ _____ _____	CORRECTED BY: _____ _____

DEFECT _____ _____ _____	INSPECTED BY: _____ _____
REPAIR _____ _____ _____	CORRECTED BY: _____ _____

DEFECT _____ _____ _____	INSPECTED BY: _____ _____
REPAIR _____ _____ _____	CORRECTED BY: _____ _____

Description of Work Performed

Locomotive ID

AS25

Time Started

Time Finished

7-5-10 - 7:00 - 3:00 #3 T.M. Same motor replace with #3 wheels

7-5-10 - 7:00 - 3:00 replace 3 pedestal rollers w/PS + Black Shred.

7-5-10 7:00 - 3:00 - replace inspection cover

