

UES



Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 5017 on this date 10-01-10 and take no exception to applicable laws, rules and or MMA standards, policies and standards.

Done tomorrow



Service Operations

UNIT _____

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 (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)	_____

NO INBOUND



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

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

UNIT:

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



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

UNIT:

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

English

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

UNIT: 8017

Out-Bound Loadtest Electrical/Mechanical

WORKED

ITEM

MECHANICAL

BY:

INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):

DRS/PL

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

DRS/PL

INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS

DRS/PL

INSPECT COOLING SYSTEM:

A. CHECK HOSES AND PIPES FOR LEAKS

DRS/PL

VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS

DRS/PL

TEST AIR BRAKE EQUIPMENT PER RULE 212

DRS/PL

PERFORM PENALTY BRAKE TEST

DRS/PL

CHECK FLUID LEVELS BEFORE LOADING:

DRS/PL

A. ENGINE OIL

DRS/PL

B. COOLING WATER

DRS/PL

C. AIR COMPRESSOR OIL

DRS/PL

INSPECT SAND TRAP, NOZZLES, HOSES AND BRACKETS

DRS/PL

TEST OPERATION OF THE FOLLOWING DEVICES:

DRS/PL

A. BELL

DRS/PL

B. SANDERS (FORWARD, REVERSE, EMERGENCY)

DRS/PL

C. RADIATOR SHUTTERS

ELECTRICAL

CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)

PC/DAS

IF A TRACTION MOTOR WAS REPLACED, 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.

PC/DAS

CHECK OPERATION OF:

A. HEATING

PC/DAS

COMPLETE THE LOAD TEST SHEETS

PC/DAS

INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI

PC/DAS

INSPECT SAFETY POP. 155 PSI

PC/DAS

Service Operations

UNIT 5018

DATE 10-1-10

THROTTLE 8 OUTBOUND LOAD TESTS

Eng RPM (900)	EMD	<u>✓</u>	Lube Oil Pres	<u>40 PSI</u>
Eng RPM (1050)	GE	<u>✓</u>	Water Temp	<u>160</u>
Horsepower		<u>2714</u>	Overspeed Setting	<u>✓</u>
Volts (5.3)	B-23	<u>✓</u>	RACK SETTING	<u>✓</u>
Volts (7)	C-30	<u>6.4</u>		
Volts (720)	B-39	<u>✓</u>		

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)	<u>5.8</u>
Throttle 2		<u>17.7</u>
Throttle 3		<u>25.9</u>
Throttle 4		<u>37.7</u>
Throttle 5		<u>51.2</u>
Throttle 6		<u>58</u>
Throttle 7		<u>67</u>
Throttle 8	(72V)	<u>72</u>

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

DEFECT #3 IR Cam seg & roller B/O	INSPECTED BY: D B/PC
REPAIR Replaced seg & 2 rollers	CORRECTED BY: DRS/PC

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.

