

UN

Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive 8569 on this date 12-13-10 and take no exception to applicable laws, rules and or MMA standards, policies and standards.

# 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)	_____	

**B-23, B-39, C-30, GP-7 INSPECTION**

<i>In-Bound Loadtest Electrical/Mechanical</i>	WORKED BY:
<b>ELECTRICAL</b>	
VERIFY THE OPERATION OF THE GROUND RELAY	
CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)	
WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS	
CHECK OPERATION OF:	
A. HEATING	
COMPLETE THE IN-BOUND LOAD TEST SHEETS	
GROUND RELAY-(TEST THREE TIMES TO VERY LOCK-OUT)(DYNAMIC & POWER)	
CHECK THE FOLLOWING FOR PROPER OPERATION:	
A. CREW ALERT	
B. RADIO AND ANTENNA	
C. AXLE ALT. SPEEDO	
D. MU ENGINE SHUTDOWN	
E. FUEL CUT-OFF	
F. TEST WARNING DEVICES	
<b>MECHANICAL</b>	
CLEAN AND SERVICE TOILET AND RESTROOM	
DRAIN RETENTION TANK	
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	
CHECK OPERATION OF ENGINE PROTECTION DEVICES:	
A. CRANKCASE PRESSURE	
VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS	
PERFORM MANUAL AIR BRAKE TEST	
Verify Flow Gauge	NOTE: 120-
130 main reservoir is 64 + or - 3,	130-140 main
reservoir is 60 + 0	
PERFORM PENALTY BRAKE TEST	
CHECK FOR CORRECT AIR PRESSURE SETTINGS:	
A. MAIN RESERVOIR (130 - 140 PSI)	
B. BRAKE PIPE (90 PSI)	
C. EQUALIZING RESERVOIR (90 PSI)	
D. BRAKE CYLINDER (72 - 74 PSI)	
E. COMPRESSOR CONTROL (130 - 140 PSI +/-5 PSI)	
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	

# Service Operations

UNIT \_\_\_\_\_

DATE \_\_\_\_\_

## THROTTLE # INBOUND LOAD TESTS

Eng RPM (900)	BMD	_____	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)	_____	

Unit: 8569

Date: 12-14-10

DEFECTS FOUND DURING INSPECTION

DEFECT	Turbo BAD	INSPECTED BY:	Jeff Black
REPAIR	Took old one out & put new one IN	CORRECTED BY:	K. Hasey J. Anderson

DEFECT	HAND railing apart on both SIDES.	INSPECTED BY:	K. Hasey
REPAIR	FIXED	CORRECTED BY:	K. Hasey

DEFECT	Conductor seat rail missing lock	INSPECTED BY:	J. Anderson
REPAIR	Made new one & put on	CORRECTED BY:	J. Anderson

DEFECT	SETT Load UNIT with New Turbo in it	INSPECTED BY:	K. Hasey
REPAIR	3730 hpi	CORRECTED BY:	K. Hasey

DEFECT	Washed the engine unit and unit cover with oil	INSPECTED BY:	K. Hasey
REPAIR	Wash in sides out & drained containment tank	CORRECTED BY:	K. Hasey

Unit: 8569

Date: 12-17-10

DEFECTS FOUND DURING INSPECTION

DEFECT		INSPECTED BY:
REPAIR	ADDED Engine treatment	CORRECTED BY: [Signature]

DEFECT	Door Hinges broke left side	INSPECTED BY: [Signature]
REPAIR	FIXED	CORRECTED BY: [Signature]

DEFECT	Unit down 5" on oil	INSPECTED BY: [Signature]
REPAIR	put oil in	CORRECTED BY: [Signature]

DEFECT	CAB roof dirty	INSPECTED BY: [Signature]
REPAIR	Clean & washed all windows of CAB	CORRECTED BY: [Signature]

DEFECT	Toilet Dirty	INSPECTED BY: [Signature]
REPAIR	ADDED Winter treatment & cleaned	CORRECTED BY: [Signature] Todd Goodure



# Description of Work Performed

Locomotive ID

Time Started

Time Finished

Employee Signature \_\_\_\_\_ Form to fill out completely and Signature must be legible.



