



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 9-30-10 and take no exception to applicable laws, rules and or MMA standards, policies and standards.

Rike out Street

UNIT 8569DATE 9-30-10**Service Operations****THROTTLE 8 INBOUND LOAD TESTS**


| | | | | |
|----------------|------|-------------|-------------------|------------|
| Eng RPM (900) | EMD | <u>—</u> | Lube Oil Pres | <u>50</u> |
| Eng RPM (1050) | GE | <u>✓</u> | Water Temp | <u>185</u> |
| Horsepower | | <u>3750</u> | Overspeed Setting | <u>OK</u> |
| Volts (5.3) | B-23 | <u>—</u> | RACK SETTING | <u>OK</u> |
| Volts (7) | C-30 | <u>—</u> | | |
| Volts (720) | B-39 | <u>718</u> | | |

THROTTLE #1 STALL TEST

| | | | |
|---------------|--------|------------|---------------------------------|
| OP Mode | (PWR) | <u>—</u> | |
| AMPS | (300) | <u>—</u> | |
| MGA | (1220) | <u>—</u> | NOT APPLICABLE TO B-23 AND C-30 |
| Charging Rate | (70v) | <u>74V</u> | |

TL 24T

| | | |
|------------|-------|-------------|
| Throttle 1 | (1V) | <u>5.1</u> |
| Throttle 2 | | <u>17</u> |
| Throttle 3 | | <u>26</u> |
| Throttle 4 | | <u>41</u> |
| Throttle 5 | | <u>57</u> |
| Throttle 6 | | <u>61</u> |
| Throttle 7 | | <u>72</u> |
| Throttle 8 | (72V) | <u>72.8</u> |

| | | |
|--|--|---|
|  | | REVISION: REVISION DATE: 06/22/2010 ISSUED BY: T. A. Scalia |
| | | B-23, B-39, C-30, GP-7 UNSCHEDULED |
| In-Bound Or Running Electrical | | UNIT: 8569 |
| ITEM | 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 | <i>Not Running</i> |
| | REVIEW COMPUTER ARCHIVE DATA AND NOTE ON DEFECT SHEETS IF APPLICABLE | <i>DAS/PC</i> |
| | NOTE SIGNIFICANT FAULTS ON DEFECT SHEETS. | <i>DRS/PC</i> |
| | DOWNLOAD & TEST EVENT RECORDER SYSTEM, | <i>DRS/PC</i> |
| | TEST RADIO ANTENNA WITH MFJ-269 ANALYZER | <i>DRS/PC</i> |
| | CLOSELY INSPECT THE HEAD END DEVICE CONNECTOR. ENSURE IT IS TIGHTLY CONNECTED AND NOT CROSS THREADED | <i>DRS/PC</i> |
| | PERFORM ALL LOCOMOTIVE SELF TEST FUNCTIONS | <i>DRS/PC</i> |
| | B. CHECK FOR AC GROUNDS IN COOLING FAN CIRCUIT WITH TEST LIGHT (30 watt bulb) ONLY APPLIES TO GP-7. | <i>DRS/PC</i> |
| | CHECK OPERATION OF GROUND RELAY | <i>DRS/PC</i> |
| | (TEST THREE TIMES TO VERY LOCK-OUT)(DYNAMIC & POWER) | <i>DRS/PC</i> |
| | CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb) | <i>DRS/PC</i> |
| | WHILE IN THROTTLE 3 LOAD TEST, CHECK FOR AC GROUNDS. DOES NOT APPLY TO C-30, B-23 AND B-39. | <i>DRS/PC</i> |
| | CHECK OPERATION OF: | <i>DRS/PC</i> |
| | A. HEATING | <i>DRS/PC</i> |
| | B. WINDSHIELD HEATERS/DEFOGGER (SEPTEMBER - FEBRUARY) | <i>DRS/PC</i> |
| | CHECK OPERATION OF ALERTNESS DEVICES | <i>DRS/PC</i> |
| | CHECK OPERATION OF ALL EMERGENCY FUEL SHUTOFF DEVICES | <i>DRS/PC</i> |
| | A. EMERGENCY FUEL CUTOFFS | <i>DRS/PC</i> |
| | B. MU ENGINE STOP | <i>DRS/PC</i> |



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

UNIT: 8569

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

English

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

UNIT: 8569

Out-Bound Loadtest Electrical/Mechanical

WORKED

ITEM

MECHANICAL

BY:

INSPECT ENGINE OVERHEAD (WITH ENGINE AT IDLE):

DAS/PC

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

DAS/PC

INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS

DAS/PC

INSPECT COOLING SYSTEM:

DAS/PC

A: CHECK HOSES AND PIPES FOR LEAKS

DAS/PC

VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS

DAS/PC

TEST AIR BRAKE EQUIPMENT PER RULE 212

DAS/PC

PERFORM PENALTY BRAKE TEST

PC/DAS

CHECK FLUID LEVELS BEFORE LOADING:

PC/DAS

A: ENGINE OIL

DAS/PC

B: COOLING WATER

DAS/PC

C: AIR COMPRESSOR OIL

DAS/PC

INSPECT SAND TRAP, NOZZLES, HOSES AND BRACKETS

DAS/PC

TEST OPERATION OF THE FOLLOWING DEVICES:

A. BELL

PC/DAS

B. SANDERS (FORWARD, REVERSE, EMERGENCY)

PC/DAS

C. RADIATOR SHUTTERS

ELECTRICAL

CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)

N/A

IF A TRACTION MOTOR WAS REPALCED, 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

PC/DAS

COMPLETE THE LOAD TEST SHEETS

PC/DAS

INSPECT AIR COMPRESSOR GOVERNOR SETTING. 135 TO 145 PSI

DAS/PC

INSPECT SAFETY POP. 155 PSI

DAS/PC



Service Operations

THROTTLE 8 OUTBOUND LOAD TESTS

UNIT _____

DATE _____

| | | | | |
|----------------|------|-------------|-------------------|-------------|
| Eng RPM (900) | EMD | <u> </u> | Lube Oil Pres | <u>50</u> |
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THROTTLE #1 STALL TEST

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| 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> |

Unit: _____

Date: _____

DEFECTS FOUND DURING INSPECTION

| | |
|---|--------------------------------|
| DEFECT <u>#6 2 cyl air box fire</u> | INSPECTED BY: <u>DRS/PC</u> |
| REPAIR <u>Checked engine adj. changed out 9 b/gaskets</u> | CORRECTED BY: <u>DRS/PC</u> |

| | |
|-------------------------------------|--------------------------------|
| DEFECT <u>2 platform lights out</u> | INSPECTED BY: <u>DRS/PC</u> |
| REPAIR <u>replace</u> | CORRECTED BY: <u>DRS/PC</u> |

| | |
|---|--------------------------------|
| DEFECT <u>Two Number board lights out</u> | INSPECTED BY: <u>DRS/PC</u> |
| REPAIR <u>replace</u> | CORRECTED BY: <u>DRS/PC</u> |

| | |
|--------------|---------------------|
| DEFECT _____ | INSPECTED BY: _____ |
| REPAIR _____ | CORRECTED BY: _____ |

| | |
|--------------|---------------------|
| DEFECT _____ | INSPECTED BY: _____ |
| REPAIR _____ | CORRECTED BY: _____ |

Description of Work Performed

Locomotive ID _____

Time Started _____

Time Finished _____

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