



Title: Locomotive Inbound Inspection Report	
Document Control No.: 10007	Revision: A
Release Document : 08/29/2014	Revision Date: 08/29/2014
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Model: SD40-2 Road No.: NREX 6486 Frame No.: 72642-6 Sold To: \_\_\_\_\_  
(conversion - on  
45 frame)

OEM Serial #: \_\_\_\_\_ Date Built: 1973 Origin: \_\_\_\_\_

Inspector: J. REININGER / J. McCLUSKY Location: MT. VERNON, IL

### BOTTOM INSPECTION

Front: Short / Long Nose: High / Low MU: Yes / No MU Hose: Yes / No  
Dynamics: Yes / No Extended: Yes / No Grid(s) Condition: FAIR  
Bell: Yes / No Horn: Yes / No Frame Condition: FAIR  
Fuel Tank Size: 4000 GAL (?) Retention Tank: Yes / No Condition: INTERNAL  
Wheels: \_\_\_\_\_ L1 1 15/16" L4 2 3/8" R1 2" R4 2 3/8"  
Size: \_\_\_\_\_ L2 2 1/16" L5 2 1/2" R2 2 1/8" R5 2 7/16"  
L3 2 1/16" L6 2 5/16" R3 2 1/16" R6 2 1/4"  
Box Type: Hyatt / Timken (H / T)  
1. H / T 2. H / T 3. H / T 4. H / T 5. H / T 6. H / T  
T.M. Type 1. ALL D-78's 4. \_\_\_\_\_ List Cut / Missing TM leads: N/A  
2. \_\_\_\_\_ 3. \_\_\_\_\_ Gear Ratio: 62:15 Brake Shoe Type: HFC  
Axle Drive Type & Condition: QUANTUM, FAIR  
Draft Gear Type & Condition: Front: 390, FAIR Rear: 390, FAIR  
Draft Gear Pocket Condition: Front: FAIR Rear: FAIR  
Coupler Type: Front: E Rear: E Self-Aligning: YES Condition: FAIR  
Pilot Type: REAR - 8" General Condition: FAIR TO POOR Plow Type: 36"  
Truck Type: 1. HTC 2. HTC Rigging Pin Type: 1. \_\_\_\_\_ 2. \_\_\_\_\_  
Brake Cylinder: 1. High / Low 2. High / Low

### LONGHOOD INSPECTION

Walkway Condition: FAIR Handrail Condition: FAIR TO POOR  
Engine Type: 16-645-E3B S/N: 80-C1-1106 EMD Block No. (From A Frame) 16E80A126 Bars Over: Yes / No?  
GE Engine: \_\_\_\_\_ Block #: \_\_\_\_\_ H'Number: \_\_\_\_\_ MFG: Japstar Anleister BCI Other: \_\_\_\_\_  
Engine Overall Condition: FAIR TO POOR Internal / Bottom End Condition: FAIR  
Turbo P/N: 9525597-R S/N: QT022515 01 Condition: GD TO FR Diffusor Condition: FAIR  
Fuel Pump: Yes / No Pre-Heater: Yes / No Oil Cooler: Yes / No Starter: Yes / No  
Fuel Bypass Valve & Gauge: Yes / No Spark Arrestors: Yes / No Exhaust Leaks: Yes / No  
Spin-On Filters: Yes / No Load Regulator Style: LINEAR Defective Tag: Yes / No  
Radiators: In / Out Leaks: Yes / No Radiator Type: Solder Mech. Bond.  
Fire Extinguishers: YES Longhood: Yes / No Cab: Yes / No  
AC Cabinet: YES Fan Fuses: Yes / No 200 lb. Air Gauge: Yes / No



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Air Compressor Type: WBO Base Style: HIGH Condition: FAIR  
 Air Filter Type / System: \_\_\_\_\_ Condition: FAIR  
 Air Filter Media Type: Baggie Paper -PLEATED Other: \_\_\_\_\_  
 Air Braker Type / System: 26L Condition: GOOD TO FAIR  
 EMD Main Gen./Alt. Type AR10A7 / D14 S/N: 79H1-1098 Condition: FAIR  
 EMD Aux. Generator Type: 18 KW S/N: CANNOT SEE Condition: CANNOT SEE  
 GE AUXI. Model N/A S/N: N/A Condition: N/A  
 GE EXCITER. Model: N/A S/N: N/A Condition: N/A  
 A.G. Blower Wheel Type: DUAL Condition: FAIR  
 D.B. Fan: YES Qty: 2 Size: 48" Blades: 10 Type: FAB  

#1 Cool Fan: Size: <u>48"</u> Blades: <u>9</u> Type: <u>Cast</u> <u>Fab</u>	GE, ALCO Fan Drive Type Eddy Current Direct Drive Condition: <u>N/A</u>
#2 Cool Fan: Size: <u>48"</u> Blades: <u>9</u> Type: <u>Cast</u> <u>Fab</u>	
#3 Cool Fan: Size: <u>48"</u> Blades: <u>8</u> Type: <u>Cast</u> <u>Fab</u>	
#4 Cool Fan: Size: <u>N/A</u> Blades: <u>N/A</u> Type: <u>Cast</u> <u>Fab</u>	

 Equipment Rack: Yes / No Type: \_\_\_\_\_ Inertial Filters & Blower Motor: Yes / No  
 Paint Color Condition: Carbody: BLUE/YLW-FAIR TO PR Eng. Room: GREY-POOR Cab: GREY-FAIR

**CAB / SHORT NOSE INSPECTION**

Cab Condition: Floor: FR TO PR Wall: FAIR Glass Meets FRA Req.: Yes / No Condition: FAIR  
 Cab Lights: Yes / No Modules: Yes / No # Missing: N/A Air Brake Change Date: 2/19/15  
 H.V. Cabinet: YES Wire Type: Exane Hyplon Gear Magnetic Pneumatic  
 Evidence of Rewire? Yes / No Comments: \_\_\_\_\_  
 Speedo Type: QUANTUM DIG. Heaters Water Electric Strip Seats 3 Arm Rest: \*2 Yes / No  
 Cab Cards: Yes / No (If YES, record available data) Event Recorder Equipped: Yes / No Type: QUANTUM Q1044B  
 Toilet Type: PRIME SS Water Cooler Type: N/A Wipers: 5 Visors: 2  
 Batteries: In / Out Condition: FAIR Style: 4-CELL  
 Control Stand Type: AAR Round Cash Register / Pedestal Condition: FAIR  
 Radio Equipped: Yes / No EOT: Yes / No Alerter: Yes / No BUILT INTO SPEEDO  
 Cab Signal: Yes / No Computer Control: Yes / No

**Additional Notes:**



- NO AFM PRESENT, NO REAR DITCH LIGHTS
- BATTERY BOX FACE PANELS ARE BOLT-ON
- 2 DENTS IN FRONT WALKWAY FACE
- FRONT CROSSOVER POST BENT OUT SOME
- 3" PLUS GAPS BETWEEN ALL MIDDLE STEP KICK PLATES & STEP WELLS
- SHEATHING FOR R/S EFCO WIRING HAS HOLE WORN THROUGH IT
- SOME MU VALVE HANDLES STICKING
- REAR PILOT BENT SOME
- RUSTING IN R/S SUBBASE FLOOR
- 1 OF L/S BATTERIES HAS 1" HOLE/CRACK IN TOP
- SOME ELECTRICAL CABLES LAYING DISCONNECTED IN SHORTNOSE
- SOME RUSTING AT BASES OF INTERIOR SHORTNOSE WALLS
- RUSTING AT REAR MEC
- HINGE/EARS MISSING FROM L/R SANDER PANEL(TAKE-OFF)
- RUSTING AT TOP OF L/F STAIRWELL
- CHECK CLEARANCE FOR STEP EDGES BETWEEN SWITCH AND MIDDLE STEPS - SEEMS TIGHT
- \*\*EXCESSIVE AMOUNTS OF OIL ON TOP OF CAB, DOWN SHORTNOSE, FRONT HALF OF LONGHOOD,
- \*\*WALKWAYS, AR10, FRONT LONGHOOD FLOOR & SUMP

