



NATIONAL RAILWAY

LOCOMOTIVE INBOUND INSPECTION REPORT

QF-10007 REV 1

(circle items in **bold**)

Model SD40 Road No. RLCX 3002 Frame No 7159-8 Sold To _____
 Inspector TRENT BRIGGS Location SILVIS Date 10/7/2007

BOTTOM INSPECTION

Front	Short	Long	Nose	High	Low	MU	Yes	No	MU Hoses	Yes / No
Dynamics	Yes	No	Extended	Yes	No	Grid(s) Condition	<u>OK</u>			
Bell	Yes	No	Horn	Yes	No	Frame Condition	<u>OK</u>			
Fuel Tank Size	<u>4,000 GALS</u>		Retention Tank	Yes	No	Condition	_____			
Wheels	L1 <u>1 5/8</u>	L4 <u>1 1/4</u>	R1	<u>1 5/8</u>	R4	<u>1 1/4</u>	_____			
SIZE	L2 <u>1 5/8</u>	L5 <u>1 1/2</u>	R2	<u>1 5/8</u>	R5	<u>1 1/2</u>	_____			
	L3 <u>1 11/16</u>	L6 <u>1 1/2</u>	R3	<u>1 5/8</u>	R6	<u>1 1/2</u>	_____			
Box TYPE	1: <u>Hyatt/Timken</u>	2: <u>Hyatt/Timken</u>	3: <u>Hyatt/Timken</u>	4: <u>Hyatt/Timken</u>	5: <u>Hyatt/Timken</u>	6: <u>Hyatt/Timken</u>	_____			
T.M. Type	1 <u>NONE</u>	4 <u>NONE</u>	List cut / missing TM leads			<u>NONE</u>				
	2 <u>NONE</u>	5 <u>NONE</u>	Gear Ratio		Brake Shoe Type <u>COMP</u>					
	3 <u>NONE</u>	6 <u>NONE</u>	Axle Drive Type & Cond			<u>NONE</u>				
Draft Gear Type & Cond	Front	<u>390</u>	Rear	<u>390</u>	_____					
Draft Gear Pocket Cond	Front	<u>OK</u>	Rear	<u>OK</u>	_____					
Coupler Type	Front <u>E</u>	Rear <u>E</u>	Self-aligning		<u>YES</u>	Condition	<u>OK</u>			
Pilot Type	<u>PLATE</u>	General Condition			<u>GOOD</u>	Plow Type	<u>MISSING</u>			
Truck Type	1 <u>SD</u>	2 <u>SD</u>	Rigging Pin Type		1 <u>SINGLE</u>	2 <u>SINGLE</u>	_____			
Brake Cyl.	1 High	Low	2 High	Low	_____					

LONGHOOD INSPECTION

Walkway Condition	<u>GOOD</u>	Handrail Condition	<u>GOOD</u>	_____						
Engine Type	<u>16-645E3</u>	S/N	<u>82E31506</u>	EMD Block No (from A frame)	<u>16E74A158</u>	Bars Over	<u>Yes / No</u>			
GE Engines:	Block # _____	H' number	_____	Manufacturer	<u>Japstar</u>	<u>Anleister</u>	<u>BCI</u>	<u>Other</u>		
Engine Overall Condition	<u>GOVERNOR MISSING</u>			Internal / Bottom End Condition	<u>GOOD</u>					
Turbo P/N	<u>40057113</u>	S/N	<u>97H31087</u>	Condition	<u>OK</u>	Diffusor Condition	<u>OK</u>			
Fuel Pump	Yes	No	PreHeater	Yes	No	Oil Cooler	Yes	No	Starter	<u>Yes / No</u>
Fuel Bypass Valve & Gage	Yes	No	Spark Arrestors	<u>Yes / No</u>		Exhaust Leaks	Yes	No	_____	
Spin On Filters	Yes	No	Load Reguator Style	<u>PANCAKE</u>			Defect Tag	Yes	No	_____
Radiators	In	Out	Leaks?	Yes	No	Radiator Type	<u>Soldered Mech. Bond</u>			
Fire Extinguishers:	Longhood	Yes	No	Cab	Yes	No	_____			
AC Cabinet	<u>YES</u>	Fan Fuses	Yes	No	200 Lb. Air Gauge	Yes	No	_____		
Air Compressor Type	<u>WBO</u>	Base Style	<u>HIGH</u>	Condition	<u>RTO, MISSING FILTER HOUSINGS</u>					
Air filter media type	Baggie	Paper	Other	_____						
Air Brake Type/System	<u>26L</u>	Condition	<u>MISSING PARTS</u>							
EMD Main Gen/Alt. Type	<u>AR10</u>	S/N	<u>C31122</u>	Condition	<u>COVERS REMOVED / PARTS MISSING</u>					
EMD Aux. Generator Type	<u>14KW</u>	S/N	_____	Condition	<u>OK</u>					
GE AUXI	Model _____	Serial #	_____	Condition	_____					
GE EXCITER	Model _____	Serial #	_____	Condition	_____					
A.G. Blower Wheel Type	<u>DUAL</u>	Condition	<u>OK</u>							



FANS

D.B. Fan	Qty. <u>2</u>	Size <u>48"</u>	Blades <u>10</u>	Type <u>Cast</u>	Fab <u>Fab</u>	GE, ALCO
#1 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	Fab <u>Fab</u>	Fan Drive Type	
#2 Cool Fan	Size <u>48"</u>	Blades <u>8</u>	Type <u>Cast</u>	Fab <u>Fab</u>	<u>Eddy Current</u>	<u>Direct Drive</u>
#3 Cool Fan	Size <u>48"</u>	Blades <u>9</u>	Type <u>Cast</u>	Fab <u>Fab</u>	Condition _____	
#4 Cool Fan	Size _____	Blades _____	Type <u>Cast</u>	Fab <u>Fab</u>	Condition _____	
Equipment Rack	<u>Yes</u>	<u>No</u>	Type _____	Inertial Filters & Blower Motor		<u>Yes</u> <u>No</u>
Carbody Condition	<u>GOOD</u>					
Paint Color/Condition	Carbody <u>BLACK&GRAY, GOOD</u>	Eng Room <u>GRAY, DIRTY</u>	Cab <u>GRAY, DIRTY</u>			

CAB/SHORT NOSE INSPECTION

Cab Condition	Floor <u>OK</u>	Wall <u>OK</u>	Glass Meet FRA Req <u>Yes / No</u>	Condition <u>OK</u>
Cab Lights	<u>Yes / No</u>	Modules <u>Yes / No</u>	# missing _____	Air Brake change date _____
H.V. Cabinet	Wire Condition <u>GOOD</u>	Wire Type <u>Exane</u> <u>Hyplon</u>	Electric Switch Gear <u>Magnetic</u>	<u>Pnuematic</u>
Evidence of rewire?	<u>Yes</u>	<u>No</u>	Comments <u>PARTIALLY REWIRED</u>	
Speedo Type <u>NONE</u>	Heaters <u>Water</u> <u>Electric</u> <u>Strip</u>	Seats <u>0</u>	Arm Rests <u>Yes / No</u>	
Cab Cards <u>Yes / No</u>	(If yes, record available data)	Event Recorder Equipped <u>Yes / No</u>	Type _____	
Toilet Type <u>PRIME</u>	Water Cooler Type <u>PRIME</u>	Wipers <u>NONE</u>	Visors <u>NONE</u>	
Batteries <u>In</u> <u>Out</u>	Condition _____	Style _____		
Control Stand Type <u>AAR</u>	<u>Round</u>	Cash Register/Pedestal	Condition <u>MISSING PARTS</u>	
Radio Equipment	<u>Yes</u>	<u>No</u>	EOT? <u>X</u>	Alerter? <u>X</u>
			Cab Signal? <u>X</u>	Computer Control? <u>X</u>

ADDITIONAL DEFECTS/COMMENTS

- ENGINE LUBE OIL DRAIN PIPE VALVE MISSING**
- FRONT DITCH LIGHT BULBS MISSING**
- FRONT PLOW REMOVED, MISSING**
- L & R FRONT DUMMY MU RECEPTACLES MISSING**
- FRONT COUPLER BAIL BOLT LOOSE**
- CONDUCTOR'S HEATER DISASSEMBLED**
- ENGINE HEATER MISSING**
- ALL WIPER MOTORS, ARMS, BLADES MISSING**
- SPEEDO MISSING**
- HORN VALVE MISSING**
- BELL VALVE MISSING**
- CONDUCTOR'S LIGHT HANGING LOOSE**
- TM CUTOUT SWITCH SEAL MISSING**
- HV CABINET COVERS REMOVED**
- RVF2 & RVF3 WIRING DISCONNECTED**
- AR10 COVERS REMOVED / WINDOW CRACKED**



CAB & SUBFLOOR AREAS FILTHY

WARNING LIGHT JEWELS MISSING

REAR HV CABINET COVERS REMOVED, MISSING

GOVERNOR MISSING

AIR COMPRESSOR AIR FILTER HOUSING MISSING

AIR COMPRESSOR ROOM FLOOR OILY

RR NUMBER BOARD NEEDS REAPPLIED, FELL OUT

RR PLATFORM STANCHION BENT

REAR DITCH LIGHT BULBS MISSING

#2 DYNAMIC BRAKE FAN GUARD BENT, DAMAGED

#1 COOLING FAN GUARD MOUNTING BOLTS & CLIPS MISSING

#2 COOLING FAN GUARD MOUNTING BOLTS & CLIPS MISSING

#1,2,3 COOLING FAN GUARDS HAVE BENT GRILLS

[RLCX 3002.JPG](#)