mo-3



Locomotive Release from Shop Form

To be completed on every engine released from the Shop

I have reviewed the work packet for locomotive <u>GS1S</u> on this date <u>G-19+13</u> and take no exception to applicable laws, rules and or MMA standards, policies and standards.

B-23, B-39, C-30, GP-7 MO3 INSPECTION			
11 1 1/84 - 1- 1/84		WC	RKED BY:
In-Bound Loadtest Electrical/Mechanical ELECTRICAL			
VERIFY THE OPERATION OF THE GROUND RELAY		1	Aux S
VERIFY THE OPERATION OF THE GROUND KEEA!		J.	Ret
CHECK FOR LOW VOLTAGE GROUNDS (7 watt bulb)			
CHECK OPERTION OF:		T.	Hotel
A. HEATING COMPLETE THE IN-BOUND LOAD TEST SHEETS		**************************************	
CHECK THE FOLLOWING FOR PROPER OPERATION:		*	
		Ī	ILES
A. CREW ALERT		J	115
B. RADIO AND ANTENNA		N.16	AS
C. AXLE ALT. SPEEDO			-115
D. MU ENGINE SHUTDOWN		3	1125
E. FUEL CUT-OFF		J.	WS
F. TEST WARNING DEVICES		a Colonia de la	
MECHANICAL		$\mathcal{C}$	L
CLEAN AND SERVICE TOILET AND RESTROOM		$-\underline{\underline{}}$	
DRAIN RETENTION TANK			Cantages 11.
PROPER LUBRICATION? FUEL LEAKS? CAM ROLLER ROTATION? ETC.			
INSPECT FUEL SYSTEM HOSES AND PIPES FOR LEAKS			
INSPECT COOLING SYSTEM:			<del>a. (populo, profesio de composiçõe a modes a</del> profesion de composições de composições de constitucion de cons
A: CHECK HOSES AND PIPES FOR LEAKS			
CHECK OPERATION OF ENGINE PROTECTION DEVICES:			A PROCESSOR OF THE SECOND SECO
A. CRANKCASE PRESSURE			
VISUALLY INSPECT AIR COMPRESSOR FOR WATER, AIR OR OIL LEAKS			
PERFORM MANUAL AIR BRAKE TEST	NOTE: 120-		
Verify Flow Gauge	130-140 main	1 1	
130 main reservoir is 64 + or - 3,	100 110 1110		
reservoir is 60 + o		5	- H.DC
PERFORM PENALTY BRAKE TEST			1
CHECK FOR CORRECT AIR PRESSURE SETTINGS:	and the second s		
A. MAIN RESERVOIR (130 - 140 PSI)			
B. BRAKE PIPE (90 PSI)	And the second s		
C. EQUALIZING RESERVOIR (90 PSI)		-	
D. BRAKE CYLINDER (72 - 74 PSI)			7
E. COMPRESSOR CONTROL (130 - 140 PSI +/-5 PSI)			
CHECK FLUID LEVELS BEFORE LOADING:			
A: ENGINE OIL		1 1	
B: COOLING WATER		1 1	
C: AIR COMPRESSOR OIL	The second secon	++	
TEST OPERATION OF THE FOLLOWING DEVICES:		1	
A. BELL			/
B. SANDERS (FORWARD, REVERSE, EMERGENCY)		1 1	
C. RADIATOR SHUTTERS			A. C.

B-23, B-39, C-30, GP-7 MO3 INSPECTION		
THE CLANICAL IN HOLE	W	ORKED BY:
MECHANICAL IN HOUSE		
REVIEW LAB CODE AND PERFORM A COMPLETE AIRBOX/CRANKCASE INSPECTION IF A LAB	0	6 -
CODE EXISTS	_/_	ME
CODE EXISTS  CHANGE THE FOLLOWING FILTERS AND ASSOCIATED GASKETS:		
FUEL SPIN ON FILTERS. EMD ONLY	Marine - 1	
SOAK BACK FILTER. EMD ONLY		tv/
TURRO SPIN ON FILTER EMD ONLY		
COMPLETE FRA INSPECTION (DAILY INSPECTION CHECKLIST)	-lj=	
CAUDIN		and the second s
INSURE SAND NOZZLES AND HOSES ARE IN PLACE AND SECURED. MAKE SURE THEY ARE	A.	_ da
ALIGNED WITH WHEEL AND TRACK INSPECT SAND TRAPS AND REPAIR AS NEEDED.	-	1
CHECK KNUCKLE CLEARANCE AND KNUCKLE THROWER, MAKE KEPAIRO AS NEEDED THRO		
THE PART OF THE PROPERTY OF TH		
ELECTION OF ONLY OF EVENDED FUNDING AND ELOCATION		1
CHECK ALITO BLOWDOWNS FOR PROPER OPERATIONS IN AUTOMATIC MODE		
ENSURE SUMP DRAINS ARE OPEN AND FREE OF DEBRIS	0	- da
TRUCKS	1	.!
INSPECT WICK BOLT SECUREMENT AND REPAIR IF NECESSARY		
OUEOK OLICDENCION REARING OIL LEVEL		
CHECK SUSPENSION BEALTING OF ELLEVEL  CHECK JOURNAL BOX OIL LEVEL (FILL TO POINT OF OVERFLOW)  CHECK JOURNAL BOX OIL LEVEL (FILL TO POINT OF OVERFLOW)		
TOUROUS OF A DICACES AND INSPECT BUILD GLAR (AUDIO) OF OLARONOL OF THE		
CHECK GEAR CASES AND INGLEST BOLL STATE OF THE CHECK OIL FILLED GEAR CASES AND FILL (RECORD USAGE BELOW)		
# 1 TRACTION MOTOR: OIL USED <u>&amp; SICO</u>		
# 2 TRACTION MOTOR: OIL USED <u>&amp; GREO</u>	<del> </del>	
# 3 TRACTION MOTOR: OIL USED 6900	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
TO THE TOTAL CONTROL OF THE TO		W
# 4 HOOTICH MOVE		29 mary 1
# 5 TRACTION MOTOR: OIL USED	-	
# 6 TRACTION MOTOR: OIL USED		
# 6 TRACTION MOTOR: OIL USED		
I INF WITH WHEELS		
CAR	1 5	W.C
CHECK FIRE EXTINGUISHERS, DATE AND TAG. REPLACE IF USED OR OUT OF DATE.		ME
CHECK HANDBRAKE AND INSPECT DATE. MAKE REPAIRS AS NECESSARY		
MISC		Ì
IIN ACCORDANCE WITH FRA 229.23. VERIL FAIR SAS 325		
REQUIRES 130 PSI MR) CHECK ALL FLUID LEVELS, ENGINE OIL, COOLING WATER, AIR COMPRESSOR OIL		
CHECK ALL FLUID LEVELS, ENGINE OIL, COOLING WATER, THE GOIL FLUID LEVELS, ENGINE OIL FLUID LEVEL		
DRAIN RETENTION TANK		
TOILET MAINTENANCE: A. INSPECT/REPAIR AS NEEDED TOILET DRAIN VALVE & FLOOR SEALS		
Cab Seat Inspection:	T	
Cab Seat Inspection:  A. INSPECT THE VERTICAL ADJUSTMENT LEVER. VERIFY THAT THE LEVER OPERATES AND THE LEVER OPERATE		
THE SEAT PAN ADJUSTS UP AND DOWN AND DOES NOT DROP GODDAN		
B. LUBRICATE PIVOT POINTS		
THE LOCK TO THE LO		
(PULL OUT TO RELEASE LOCK) AND THAT THE SEAT ROTATES WHEN ONE OF		
THE DIVING OF A SECULA NICK		
F. VERIFY THAT THE LEVER SLIDES SIDEWAYS TO UNLOCK SEXT TO STATE		
SEAT SLIDES FOR/AFT EASILY	-	
G. IF THE SEAT MOVEMENT IS IMPEDED, REMOVE SEAT COSTITION, AND LACK OF LUBRICATION.		
G. IF THE SEAT MOVEMENT IS INFLICION, OR LACK OF LUBRICATION.  ROLLER TRACK FOR DEBRIS, MALFUNCTION, OR LACK OF LUBRICATION.		V
H. INSPECT SEAT RAILS AND REPLACE IF DAWAGED ON WORK 32 TO THE		
STABLE MOUNTING OF SEAT.		

B-23, B-39, C-30, GP-7 MO3 INSPECTION  I. INSPECT THE FORE/AFT SEAT POSITIONING TRACK. INSPECT THE SEAT RAILS AND REPLACE IF DAMAGED OR WORN BEYOND PROVIDING SECURE, STABLE MOUNTING OF SEAT.  J. LUBRICATE THE SEAT RAILS WITH SILICONE LUBRICANT.  K. INSPECT THE BACKREST RAKE ADJUSTMENT KNOW. VERIFY THAT THE KNOB ROTATES EASILY TO ADJUST BACKREST ANGLE.  L. INSPECT KNOB FOR CRACKS OR SPLITS AND THAT IT IS SECURELY FASTENED.	
J. LUBRICATE THE SEAT RAILS WITH SILICONE LUBRICANT.  K. INSPECT THE BACKREST RAKE ADJUSTMENT KNOW. VERIFY THAT THE KNOB ROTATES	
J. LUBRICATE THE SEAT RAILS WITH SILICONE LUBRICANT. K. INSPECT THE BACKREST RAKE ADJUSTMENT KNOW. VERIFY THAT THE KNOB ROTATES	
K. INSPECT THE BACKREST RAKE ADJUSTMENT KNOW. VERIFY THAT THE KNOW KOTATES	
TARRIVED AD HIST DACKDEST ANGLE	
EASILT TO ADJOUR FOR CRACKS OR SPLITS AND THAT IT IS SECURELY FASTENED.	
I INISDELLI KNUB FUR URAUNG ON OF ELIOTARD INTO THE	
TO THE STATE OF TAXABLE FOR ANY MEAN OF THE STATE OF THE	
M. INSPECT GEAR MECHANISM FOR ANY WEAR OR DAIM/OE.  N. ENSURE THAT THE BACKREST MECHANICAL STOP IS INTACT AND FUNCTIONS AS INTENDED PREVENTS THE SEAT BACKREST FROM RECLINING BEYOND APPROXIMATELY 45 DEGREES	
- COMMENCE FROM A VERTICAL ROSITION	
O: INSPECT THE LUMBAR SUPPORT ADJUSTMENT LEVER. VERIFY THAT THE ADJUSTMENT	
P: VERIFY ALL ARMREST FASTENERS ARE SECURE. REPLACE ANY MISSING OR STRIPPED OUT FASTENERS.	
Q: INSPECT ARMREST SWIVEL FASTENERS. ENSURE SWIVEL FASTENER IS SECURE ON EACH ARMREST SUCH THAT THE ARMREST IS WITHOUT SIDE TO SIDE MOVEMENT. ARMREST SHOULD SWIVEL TO VERTICAL. ARMREST SHOULD NOT DROP DOWN PAST IT'S ORIGINAL STOP.	-
R: INSPECT SEAT FABRIC ON SEAT PAN AND BACKREST. INSPECT FOR RIPS, TEARS, OR HOLES. SEAT PAN OR BACKREST COMPONENT MAY BE REPLACED IF THERE IS AN EXCESSIVE RIP, TEAR,	
OR HOLE.	
SEAT PART NUMBERS: Cab Seat, Freight with arms: 2043511 Cab Seat Mid Back: 20425731 Wall Mounted Pedestal: 20435541 Trunion Pedestal Assembly: 20425721 Seat Pedestal Rail Left Side 65": 20422211 Seat Pedestal Rail Right Side 46": 20422221	
INSPECT AND REPAIR AS REQUIRED:	
A. CAB / CARBODY/DOORS/HINGES/WINDOWS/LATCH SEALS/WEATHER STRIPPING AND	
SEALS/MIRRORS. ALSO LUBRICATE/CHANGE AS NEEDED	
A. CLEAN THE CAB, WINDOWS, AND EQUIPMENT	
COMPLETE WINTERIZATION SHEET (AUGUST - APRIL)  COMPLETE WINTERIZATION SHEET (AUGUST - APRIL)	·
WASH LOCOMOTIVE ENGINE/ENGINE ROOM/AND AIR COMPRESSOR ROOM	
WASH THE LOCOMOTIVE	

	THE CORD	
UNITE		Egit
P55 1 2 3 4 6 VA 9 VVV 10 VVV 11 12 12	POS 1 2 3 8 W B OR 12 SIGNATURE J. Make	POS 1 2 3 B V  B V V V V V V V V V V V V V V V V
SIGNATURE	NO. 3 TRACTION MOTOR	NO.4 TRACTION MOTOR
POS 1 2 3 B W 2 4 8 10 SEGNATURE  **EITER GENERATOR POS 1 2 3 B W 2	POS 1 Z 3 B W  3 6 9 12 SIGNATURE  POS 1 Z 3 B W  3 6 9 12	POS 1 2 3 8 W  3 6 9 12 SIGNATURE  POS 1 2 3 8 W  3 6 9 12
8	SIGNATURE	SIGNATURE
IGNATURE	DYMANIC BRAKI	NG BLOWER MOTORS
POS I B W	POS 1 3 W	POS I B W

D-M

SIGNA-JRE

16. On MUI engines, pull the Governor button and hold back the Lay-shaft while cranking									ng		
the eng	e engine over to prevent unit from starting.										
18. Bas	sed on th	e cranking vo	ltages, is any	battery sus	pect of n	eeding	replace	ed? Yl	ES NO		
2 Battery Units		Specific Grav	vity		Water Added					9 -	Replaced- eason
Battery 1	Cell 1	Cell 2	Cell 3	Cell 4	Yes		Vo		Yes	0	
Section A								5	paled		
Section B											
Section C		170	MA	201							
Section D											
2 Battery Units		Specific Gra	vity			Water	· Added	j			Replaced- eason
Battery 2	Cell 1	Cell 2	Cell 3	Cell 4	Yes		No		Yes	0	
Section A								Se	aled		
Section B					enter de la companya			~			and the second s
Section C		1 10	FIT	201							
Section D											
8 Battery Units		Specific Gra	vity			Water	Added	d			Replaced- eason
	Cell 1	Cell 2	Cell 3	Cell 4	Yes		No		Yes	0	
Battery 1											
Battery 2								(Company (n. p. in y all a mining any			
Battery 3											
Battery 4						Ī					
Battery 5											
Battery 6											
Battery 7											
Battery 8											
	V CRA	NKING VO	LTAGE C	HART							
ADJER REJEC		Battery 1	Battery 2	Battery 3	Batt	ery 4	Batte	ery 5	Battery 6	Battery 7	Battery 8
Battery V	oltage	33,3									
		Battery 1	Battery 2	Battery 3	Batt	ery 4	Battery 5 Battery 6		Battery 7	Battery 8	
Battery V	oltage	33.5									
							г _	***	D-21 C	Dass. 7	Dattani O
		Battery 1	Battery 2	Battery 3	Battery 4		Battery 5		Battery 6	Battery 7	Battery 8
CrankingE											
Volta							<u> </u>				
Battery V	orrage	<b>.</b>									
		Battery 1	Battery 2	Battery 3	Batt	ery 4	Batte	ery 5	Battery 6	Battery 7	Battery 8
CrankingE Volta											

1						LOCOM	OTIVE	85	25		DATE 9-19			9-13
		Start	Readings		Ha	s Shims			END REA	ADING		Has	OLD GAUGE	
	Flange Height	Flange Thickness	Rím Thickness	Witness Grove	YES	NO		Flange Height	Flange Thickness	Rim Thickness	Witness Grove	YES	NO	FLANGE THICKNESS MEASUREMENT
↓L#1	0-16	0-0	46				L#1							0 - on 0 - 1 - 17/64* 1 - on 0 - 1 - 15/64*
L#2	0-2	00	45				L#2							2 - on 9 - 1 - 7/32* 3 - on 9 - 1 - 5/32*
L#3	0-20	00	46				L#3							4 - on 0 - 1 - 7/64" 5 - on 0 - 1 - 3/64" 6 - on 0 - 1 - /32"
L#4	0-16	0-0	43				L#4							7 ~ on 0 ~ 63/64" 8 ~ on 0 ~ 15/16"
L#5	13:						L#5							<i>\$</i> .
L#6							L#6						,	OLD GAUGE
		Ter. 1												FLANGE HEIGHT
R#1	0-18	0-0	46				R#1							MEASUREMENT 0-on-01* 0-on-11-1/16*
R#2	0-20	0-3	44			·	R#2							0-on-21-1/8* 0-on-33-16
R#3	0-20	0-0	46				R#3							0-on-41-1/4" 0-on-51-5/16"
R#4	0-19	00	43				R#4					ļ		0-on-61-3/8" 2-on-61-13/32"
R#5							R#5							4-on-61-7/16* 6-on-61-31/64*
R#6			VITCH LOCO			<u> </u>	R#6		<u> </u>					NEW GAUGE
FLANGE Height FRA 1 1/2"		ROAD & SW	Tread Wear ITCH LOCOS - Rim THICKNESS FRA 1" MMA 1 1/8"		Tread WEAR FRA 5/16"	WEAR LIMITS Flange HEIGHT FRA 1 '2" MMA 1 7/16"	Flange THICKNESS FRA 7/8"	THICKNESS	DAY REQ Tread WEAR FRA 5/16" MMA 1/2"				HEIGHT MEASUREMENT	0-on-211-5/16* 0-on-221-3/8* 2-on-221-13/32* 4-on-221-15/32* 6-on-221-1/2*
	,3÷				111111111111		A CANADA	Line in the second	-				1	NEW GAUGE
	SION CHAR	I FOR WH												
CONVERS 8= 9= 10= 11= 12= 13= 14=	37 1/8" 37 ½" 37 3/8" 37 ½" 37 5/8"		37 7/8" 38 " 38 1/8" 38 ¼" 38 3/8" 38 ½" 38 5/8"	IER	22= 23= 24= 25= 26= 27= 28=	38 ¾" 38 7/8" 39 39 1/8" 39 ¼" 39 3/8" 39 ½"	29= 30= 31= 32= 33= 34= 35=	39 ¾" 39 7/8" 40" 40 1/8" 40 ¼"	36= 37= 38= 39= 40= 41= 42=	40 ½" 40 5/8" 40 ¾" 40 7/8" 41 1/8" 41 1/8"			FLANGE THICKNESS MEASUREMENT	0 - on 0 - i - 17/64* i - on 0 - i - 15/64* 2 - on 0 - 1 - 15/32* 3 - on 0 - i - 5/32* 4 - on 0 - i - 7/64* 5 - on 0 - i - 3/64*
8= 9= 10= 11=+ 12=' 13= 14= LOCOMOTIV	37 1/8" 37 ½" 37 3/8" 37 ½" 37 5/8" 37 ½" /E RAIL CLEA	16= 17= 18= 19= 20= 21= RANCE	37 7/8° 38" 38 1/8" 38 ¼" 38 ¾" 38 ½" 38 ½" 38 5/8"		23= 24= 25= 26= 27= 28=	38 7/8" 39 39 1/8" 39 ½" 39 3/8"	30= 31= 32= 33= 34= 35=	39 ¾" 39 7/8" 40" 40 1/8" 40 ¼"	37= 38= 39= 40= 41= 42=	40 5/8" 40 ¾" 40 7/8" 41" 41 1/8"		LOCO RAI	THICKNESS	0 - on 0 - 1 - 17/64" 1 - on 0 - 1 - 15/64" 2 - on 0 - 1 - 7/32" 3 - on 0 - 1 - 5/32" 4 - on 0 - 1 - 7/64"
8= 9= 10= 11= 12= 13= 14= LOCOMOTIV COUPLE	37 1/8" 37 ½" 37 3/8" 37 ½" 37 5/8" 37 ½" /E RAIL CLEAR R HEIGHT	16= 17= 18= 19= 20= 21= RANCE	37 7/8° 38" 38 1/8" 38 ¼" 38 ¾" 38 ½" 38 ½" 38 5/8"	PILOT HEIGHT	23= 24= 25= 26= 27= 28=	38 7/8" 39 39 1/8" 39 ¼" 39 3/8" 39 ½"	30= 31= 32= 33= 34= 35= HEIGHT OF HOOR UNCOUPLINANDHOLD	39 3/4" 39 7/8" 40" 40 1/8" 40 3/8" ORIZONTAL END ING LEVER IF USI	37= 38= 39= 40= 41= 42=	40 5/8" 40 ¾" 40 7/8" 41" 41 1/8" 41 ¼"		Legislan and Const.	THICKNESS MEASUREMENT L CLEARANCE	0 - on 0 - i - 17/64" 1 - on 0 - 1 - 15/64" 2 - on 0 - 1 - 7/32" 3 - on 0 - 1 - 5/32" 4 - on 0 - 1 - 7/64" 5 - on 0 - 1 - 3/64 6 - on 0 - 1 - 1/32"
8= 9= 10= 11=- 12= 13= 14= LOCOMOTIV COUPLE	37 1/8" 37 ¼" 37 3/8" 37 ½" 37 5/8" 37 ½" 4F RAIL CLEAR HEIGHT  MAX 34 ½' MIN 31 ½'	16= 17= 18= 19= 20= 21= RANCE FRONT	37 7/8° 38" 38 1/8" 38 ¼" 38 ¾" 38 ½" 38 5/8"		23= 24= 25= 26= 27= 28= MAX 6	38 7/8" 39 39 1/8" 39 ¼" 39 3/8" 39 ½"	30= 31= 32= 33= 34= 35= HEIGHT OF HC OR UNCOUPLI HANDHOLD	39 %" 39 7/8" 40" 40 1/8" 40 3/8" ORIZONTAL END ING LEVER IF US	37= 38= 39= 40= 41= 42=	40 5/8" 40 ¾" 40 7/8" 41" 41 1/8" 41 ¼"		FRA MIN 2 35	THICKNESS MEASUREMENT L CLEARANCE	0 - on 0 - 1 - 17/64* 1 - on 0 - 1 - 15/64* 2 - on 0 - 1 - 7/32* 3 - on 0 - 1 - 5/32* 4 - on 0 - 1 - 17/64* 5 - on 0 - 1 - 3/64* 6 - on 0 - 1 - 1/32* 7 - on 0 - 63/64*
8-9-11-11-11-11-11-11-11-11-11-11-11-11-1	37 1/8" 37 3/8" 37 3/8" 37 3/8" 37 5/8" 37 5/8" 37 7/8" FE RAIL CLEAN R HEIGHT  MAX 34 1/3" MIN 31 1/3"  MAX 34 1/3" MIN 32 1/3"	16= 17= 18= 18= 19= 20= 21= RANCE FRONT 34 SUREMENTS	37 7/8" 38" 38 1/8" 38 1/8" 38 3/8" 38 5/8" FFRA  MMMA	PILOT HEIGH	23= 24= 25= 26= 27= 28= MAX 6* MIN 3*	38 7/8" 39 39 1/8" 39 1/3" 39 3/8" 39 3/8" 39 3/2" FRONT	30= 31= 32= 33= 34= 35= HEIGHT OF HO OR UNCOUPLI HANDHOLD	39 %" 39 7/8" 40" 40 1/8" 40 1/8" 40 3/8" ORIZONTAL END ING LEVER IF USI FRA MIN 30" MMA MIN 30" FRA MAX 50"	37= 38= 39= 40= 41= 42= HANDHOLD ED AS HORIZON	40 5/8" 40 ½" 40 7/8" 41 1/8" 41 1/8" 41 ½"		FRA MIN 2 19	THICKNESS MEASUREMENT L CLEARANCE	0 - on 0 - 1 - 17/64* 1 - on 0 - 1 - 15/64* 2 - on 0 - 1 - 7/32* 3 - on 0 - 1 - 5/32* 4 - on 0 - 1 - 17/64* 5 - on 0 - 1 - 3/64* 6 - on 0 - 1 - 1/32* 7 - on 0 - 63/64*
8-9-9-10-10-11-12-113-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	37 1/8" 37 3/8" 37 3/8" 37 3/8" 37 5/8" 37 5/8" 37 5/8" WE RAIL CLEAK R HEIGHT MAX 34 ½" MIN 31 ½" MIN 32 ½"  AMETER MEA TER WHEEL TCHING STA	16= 17= 18= 19= 20= 21= RANCE FRONT SUREMENTS SUREMENTS WITHESS GR ANDARDS FO	37 7/8° 38" 38 1/8" 38 1/8" 38 3/8" 38 3/8" 38 5/8"  FRA  MMA  ARE TAKEN F  ROOVE = 38" OR 6 AXLE LC	PILOT HEIGHT	23= 24= 25= 26= 27= 28= MAX 6' MIN 3' MAX 6' MIN 3 '%'	38 7/8" 39 39 1/8" 39 1/8" 39 1/3" 39 1/2"  FRONT  FRONT  TNESS GROOV A STANDARDS	30= 31= 32= 33= 34= 35= HEIGHT OF HOOR UNCOUPLING HANDHOLD	39 %" 39 7/8" 40" 40 1/8" 40 1/8" 40 3/8"  DRIZONTAL END ING LEVER IF US FRAMIN 30" FRAMIN 30" FRA MAX 50" MMA MAX 50" ER WHEELS WIT MME)	37= 38= 39= 40= 41= 42= HANDHOLD ED AS HORIZON	40 5/8° 40 ½° 40 7/8° 41 1/8° 41 1/8° 41 ½°		FRA MIN 2 19	THICKNESS MEASUREMENT L CLEARANCE	0 - on 0 - 1 - 17/64* 1 - on 0 - 1 - 15/64* 2 - on 0 - 1 - 7/32* 3 - on 0 - 1 - 5/32* 4 - on 0 - 1 - 17/64* 5 - on 0 - 1 - 3/64* 6 - on 0 - 1 - 1/32* 7 - on 0 - 63/64*
8991109110911091109110911091109110911091	37 1/8" 37 3/8" 37 3/8" 37 5/8" 37 5/8" 37 5/8" 37 5/8" MAX 34 5/2" MIN 31 5/2"  MAX 34 5/2 MIN 32 5/2"  AMETER MEA TER WHEEL V. T.CHING STA	16= 17= 17= 19= 20= 21= RANCE FRONT SUREMENTS WITHESS GR ANDARDS FOR	37 7/8" 38" 38" 38 1/8" 38 3/8" 38 5/8"  FRA  MMA  S ARE TAKEN F  ROOVE = 38" OR 6 AXLE LC  LLOWED, IN W  ALLOWED, IN W  ALLOWED, IN W	FROM THE TO DOCOMOTIVES WHEEL DIAM	23= 24= 25= 26= 27= 28= MAX 6* MIN 3* MAX 6* MIN 3 3*	38 7/8" 39 39 1/8" 39 1/8" 39 3/8" 39 3/8" 39 3/8"  FRONT  FRONT  THESS GROOV  A STANDARDS  EEN ANY 2 W  WEEN ANY 2 W	30= 31= 32= 33= 34= 35=  HEIGHT OF HOOR UNCOUPLINANOHOLD  /E 40" DIAMET  S ARE THE SA HEELS IN THE WHEELS IN THE	39 %" 39 7/8" 40" 40 1/8" 40 1/8" 40 3/8"  DRIZONTAL END ING LEVER IF US FRAMIN 30" MMA MIN 30" FRA MAX 50" MMA MAX 50" ER WHEELS WIT	37= 38= 39= 40= 41= 41= HANDHOLD ED AS HORIZON  WITHOUT SHIM  < WITH SHIMS	40 5/8° 40 ½° 40 7/8° 41 7/8° 41 1/8° 41 ½° NTAL		FRA MIN 2 19	THICKNESS MEASUREMENT L CLEARANCE	0 - on 0 - 1 - 17/64" 1 - on 0 - 1 - 15/64" 2 - on 0 - 1 - 7/32" 3 - on 0 - 1 - 5/32" 4 - on 0 - 1 - 7/64" 5 - on 0 - 1 - 3/64" 6 - on 0 - 1 - 1/32" 7 - on 0 - 63/64"
99 105 114 124 135 144 LOCOMOTIV COUPLEI FRA  WHEEL DIA 42" DIAME WHEEL MA 42" DIAME WHEN FIGURE 1 MAIS THE NOTE WHEN FIGURE REMEMBER 0 10 5 DIAMI	37 1/8" 37 3/8" 37 3/8" 37 3/8" 37 5/8" 37 5/8" 37 5/8" 7 FE RAIL CLEAI R HEIGHT  MAX 34 1/3" MIN 31 3/3"  AMETER MEA TER WHEEL V TCHING STA MAXIMUM V M M M M M M M M M M M M M M M M M M	16= 17= 17= 18= 19= 20= 21= RANGE FRONT SUREMENTS WITHESS GR NDARDS FO NDARDS FO NDARDS FO NARIATION AL VARIATION A VARIATION	37 7/8" 38" 38" 38 1/8" 38 3/8" 38 3/8" 38 5/8"  FRA  MMA  SARE TAKEN F  ROOVE = 38" OOR 6 AXLE LC  LLOWED, IN M ALLOWED, IN M A	FROM THE TO COMOTIVES WHEEL DIAM WHEEL DIAI WHEEL DIAI DETERMINE IF S DIAMETER DIFF	23= 24= 25= 26= 27= 28=  MAX 6* MIN 3*  MAX 6* MIN 3 3*  MAX 6* MIN 3 BETW METER, BETW MET	38 7/8" 39 39 1/8" 39 1/8" 39 1/8" 39 3/8" 39 3/8" 39 ½"  FRONT  FRONT  THESS GROON  A STANDARDS  EEN ANY 2 W  WEEN ANY 2 W  WEEN ANY 2 V  WEEN ANY 2 V  WEEN ANY 2 V  FROM THE SHIM  THE BE TRUED OF CI	30= 31= 32= 33= 34= 35=  HEIGHT OF HOOR UNCOUPLING HANDHOLD  /E 40" DIAMET  S ARE THE SA HEELS IN THE WHEELS IN THE WHEELS IN THE WHEELS ON D	39 3/" 39 7/8" 40 1/8" 40 1/8" 40 3/8"  PRIZONTAL END ING LEVER IF US: FRAMIN 30" MMA MIN 30" FRA MAX 50" ER WHEELS WIT  ME)  SAME TRUCK VIE	37= 38= 39= 40= 41= 41= HANDHOLD ED AS HORIZON  INESS GROVE: WITHOUT SHIMS CWITH SHIMS CKS.	40 5/8° 40 ½° 40 7/8° 41 1/8° 41 1/8° 41 1/4°  NTAL  = 36°  MS. APPLIED.	EOUIRES WHEEL	FRA MIN 2 33 MMA MIN 3	THICKNESS MEASUREMENT L CLEARANCE	0 - on 0 - 1 - 17/64" 1 - on 0 - 1 - 15/64" 2 - on 0 - 1 - 7/32" 3 - on 0 - 1 - 5/32" 4 - on 0 - 1 - 7/64" 5 - on 0 - 1 - 3/64" 6 - on 0 - 1 - 1/32" 7 - on 0 - 63/64" 8 - on 0 - 15/16"

Montreal, Maine, & Atlantic Railway
Locomotive
Unit 8525 Date 9-19-13
3 Month Federal Air Work
Signature
1. Inspect and repair air piping and valves for leaks
2. Test all air gauges with gauge tester and set if required
3. With full brake pipe pressure, make a 20lb. reduction, move the cutoff valve to "OUT" position and move the lead – dead valve to "DEAD" position. Brakes must remain applied for 5
minutes
4. Cover each trainline hose coupling with hand and test for leakage through valve, then apply blank dummy couplings to the trainline hoses on each end of the unit and open trainline valves. Make a 20lb. reduction with the Automatic, move the cutoff valve to "OUT" position and check for brake pipe leakage. Leakage shall not exceed 5 lb. per
minute
5. Reduce main reservoir pressure to 85 lbs. by draining #2 main reservoir.(*) Check cab gauge for leakage from main reservoirs and piping for 3 minutes. Leakage must not exceed an average of 3 lb. per minute during the test.
6. Drain #1 main reservoir (*) completely and test check valve between reservoirs.  Pressure should remain on the main reservoir gauge in the cab as #1 main reservoir is drained.
7. Check all MU valve handles to ensure the locking devices work properly. Lubricate or replace as
necessaryQ

Note (\*) #1 reservoir is without the check valve.# 2 is with the check valve.

8. Check knuckle thrower to make sure it opens the knuckle. Lubricate or repair as



## Quantum Desktop Playback Data Scan Report

Report Date: 09-19-2013

Locomotive 8525

Data Removed on 09-19-13

SPEED (MPH) OK
TRACTION MOTOR CURRENT OK
BRAKE PIPE PRESSURE OK
INDEPENDENT BRAKE OK

END-OF-TRAIN PSI Never above 20.
EP BRAKE REQUESTED Never ON/ACTIVE

THROTTLE Dynamic Brake never reported.

Stop never reported.

Low Idle never reported.

REVERSE OK
EIE OK
PCS OK
HORN OK

EOT MOVING
EOT MSG. JUST RX
Never ON/ACTIVE
EOT LIGHT
Never ON/ACTIVE
EP OPERATING MODE
EP PENALTY BRAKE
EP ENGINEER EMERGENCY
Never ON/ACTIVE
Never ON/ACTIVE

## Quantum Desktop Playback



Manufacturer is QEI Version #S45E Serial Number is 0204110402 Customer is MMAR

Data was removed on

-08:25:08 on 09/19/13

Last Downloaded on

- 13:58:00 on 08/30/13

Battery was installed on

- 11/12/04

Locomotive Number is

- 8525

Downloaded by -

jh

Location

derby

Train

232

Wheel Size Entry - 40

Wheel Size used by program:

Circumference = 125.7 Diameter = 40.0

No memo present.

Wheel size used for printout is 125.66