



SCAX871 Next PM Due By
12/21/17 11:59 PM
Bombardier Transportation

Locomotive Inspection and Repair Record

U.S. Department of Transportation
Federal Railroad Administration

See reverse for Paperwork Reduction Act Statement

OMB No.2130-0004

Year: 2017	1. Operated by: Amtrak		RR Code: AMTK	2. Owned by: Southern California Regional Rail Authority		RR Code: SCAX
3. Model No: F59PH	4. Loco No: 871		5. Year Built: 1992		Check if new loco. <input type="checkbox"/>	
6. Propelled by: D - E	7. Horsepower: 3000	8. Type of Service: Road <input type="checkbox"/> Yard <input type="checkbox"/> Other <input checked="" type="checkbox"/> Passenger <input checked="" type="checkbox"/>		9. Steam Gen. a No.: N/A	b. Working Pressure: N/A	10. Max. Piston Travel: 8 in.
Type of Air Brake: 26LUL	Air Dryer: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	11. Out of use Credit: 0 Days		12. Last Periodic Inspection	a. Date: 11/14/2016	b. Place: LOS ANGELES, CA
AFM CAL. 229.29(b)	92 day max. interval: N/A	Previous date: N/A	Date & Cert: N/A	Date & cert: N/A	Date & cert: N/A	Date & cert: N/A
PERIODIC INSPECTIONS			Check one: <input checked="" type="checkbox"/> 92 days per 229.23(a)		<input type="checkbox"/> 184 days per 229.23(b)(1) only	
13. Date: Mo/Day/Year	14. Place	15. Items*	16. Person Conducting	15. Items*	16. Person Conducting	17. Certified by
OUT OF USE FROM 1/22/17	LOS ANGELES, CA	TO 1/27/17	5	LOS ANGELES, CA		<i>[Signature]</i>
1/27/17	LOS ANGELES, CA	1-4 & 7	5	LOS ANGELES, CA		<i>[Signature]</i>
OUT OF USE FROM 4/28/17	LOS ANGELES, CA	TO 5/01/17	5	LOS ANGELES, CA		<i>[Signature]</i>
5/01/17	LOS ANGELES, CA	1-4 & 7	5	LOS ANGELES, CA		<i>[Signature]</i>
OUT OF USE FROM 8/02/17	LOS ANGELES, CA	TO 8/04/17	5	LOS ANGELES, CA		<i>[Signature]</i>
8/04/17	LOS ANGELES, CA	1-4 & 7	5	LOS ANGELES, CA		<i>[Signature]</i>
OUT OF USE FROM 11/3/17	LOS ANGELES, CA	TO 11/16/17	5	LOS ANGELES, CA		<i>[Signature]</i>
11/16/17	LOS ANGELES, CA	1-4 & 7	5	LOS ANGELES, CA		<i>[Signature]</i>
* 15/Item Code: 1. Brakes 2. Running Gear 3. Cab Equip 4. Mech Equip 5. Elect Equip 6. Steam Gen 7. Safety Appl						
TESTS		18. H&H Test Pressure		19. Waiver Part 229		20. Waiver - Other
		DRILLED				
Type	Interval	21. Person Conducting	22. Test Date & Place	23. Certified by	24. Previous Test Date & Place	
Event Recorder 229.25(d) or 229.27(c)	No. of days: 368		1/27/17 LOS ANGELES, CA	<i>[Signature]</i>	01/20/2016 LOS ANGELES, CA	
Annual Tests 229.27	368 days		1/27/17 LOS ANGELES, CA	<i>[Signature]</i>	01/20/2016 LOS ANGELES, CA	
Hand Brake 232.105(c)	368 days		1/27/17 LOS ANGELES, CA	<i>[Signature]</i>	01/20/2016 LOS ANGELES, CA	
Air Brakes: Level 1 229.29(c)(1)	368 days		1/27/17 LOS ANGELES, CA	<i>[Signature]</i>	01/20/2016 LOS ANGELES, CA	
Level 2 229.29(c)(2)	No. of days: 1,472		LOS ANGELES, CA		12/10/2013 LOS ANGELES, CA	
Level 3 229.29(c)(3)	No. of days: 1,472		LOS ANGELES, CA		12/10/2013 LOS ANGELES, CA	
Hammer and Hydro 229.31	736 days		DRILLED		DRILLED	

In accordance with the Locomotive Inspection Act, 49 USC Chapter 207 and the regulations issued pursuant to that Act, the parts and appurtenances of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired.

Certification of true copy: I certify that this is a true copy of the inspection and repair record of locomotive no. 871
Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec 1001)

Officer-in-charge _____ Date _____

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OUT OF USE FROM 1/22/17	LOS ANGELES, CA	TO 1/27/17	LOS ANGELES, CA	5	HL	M/By
OUT OF USE FROM 1/27/17	LOS ANGELES, CA	TO 5/01/17	LOS ANGELES, CA	5	HL	M/By
OUT OF USE FROM 5/01/17	LOS ANGELES, CA	TO 8/04/17	LOS ANGELES, CA	5	HL	M/By
OUT OF USE FROM 8/04/17	LOS ANGELES, CA	TO 11/3/17	LOS ANGELES, CA	5	HL	M/By
OUT OF USE FROM 11/3/17	LOS ANGELES, CA	TO 11/16/17	LOS ANGELES, CA	5	HL	M/By
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Officer-in-charge _____ Date _____

Office Depot

July, 99

SMP# ATS

MAINTENANCE ANALYSIS PROGRAM
DIESEL ELECTRIC LOCOMOTIVES AND CAB CARS
INTERMITTENT INDUCTIVE TRAIN STOP INSPECTION

PERIODIC

FAILURE

UNIT NO.	LOCATION	DATE	TIME
SCAX 871	CMF Los Angeles, CA	11-16-17	12:20pm

	FOUND	LEFT
1. Receiver height should be $4\frac{1}{2} \pm \frac{1}{4}$ ".	4 1/2"	4 1/2"
2. Resistance B32/B31 to ground. (System de-energized). Should be no less than 250,000 Ohms.	∞	∞
3. Resistance C32/C31 to ground. (System de-energized). Should be no less than 250,000 Ohms.	∞	∞
4. Receiver resistance NA and A. Should be 12 to 21 Ohms.	15	15
5. Receiver resistance NS and A. Should be 27 to 41 Ohms.	32	32
6. Receiver resistance NA and NS. Should be 37 to 56 Ohms.	43	43
7. System voltage. Should be 30 to 32 volts.	32VDC	32VDC
8. Acknowledge time. Hold ACK switch down and time start of air blow (MV open). Should be 6 to 8 seconds.	7 SEC.	7 SEC.
9. Brake cylinder pressure after ATS reduction. Should be equal or greater than full service.	64 LB.	64 LB.
10. Delay time from MV open (air blow) to ATS penalty (PCS open). Maximum allowed 8 seconds.	6 SEC.	6 SEC.
11. Condition of audible alarm and penalty indicators.	Good	Good
12. Test ATS system by using the ATS portable tester.	Pass	Pass
ATS CONTROL BOX DATE: <u>1-8-16</u>		
ATS CONTROL BOX SERIAL NO.: <u>2898012</u>		
ATS MAGNET VALVE DATE: <u>1-8-16</u>		

REMARKS

ATS CONTROL BOX SEAL NO: 0212482

Wade C
MECHANIC

Adam [Signature]
SUPERVISOR