

SCAX859 Next PM Due By
08/10/18 11:59 PM
Bombardier Transportation

Locomotive Inspection and Repair Record
OMB No.2130-0004

U.S. Department of Transportation
Federal Railroad Administration

See reverse for Paperwork Reduction Act Statement

Year: 2018	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. 859	If renumbered, Prev. No.	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"/> Passenger <input checked="" type="checkbox"/> Other <input type="checkbox"/>	9. Steam Gen. a. No.: N/A	b. Working Pressure N/A
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 11/20/2017
AFM CAL. 229.29(b)	92 day max. interval	Previous date: N/A	Date & cert: N/A	b. Place LOS ANGELES, CA
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/Yr	14. Place	15. Items*	16. Person Conducting	15. Items*	16. Person Conducting	17. Certified by
OUT OF USE FROM	2-20-18	TO	2-21-18	LOS ANGELES, CA		<i>[Signature]</i>
	2-21-18	LOS ANGELES, CA	1-4 & 7	5	<i>[Signature]</i>	<i>[Signature]</i>
OUT OF USE FROM	5-25-18	TO	5-31-18	LOS ANGELES, CA		<i>[Signature]</i>
	5-31-18	LOS ANGELES, CA	1-4 & 7	5	<i>[Signature]</i>	<i>[Signature]</i>
OUT OF USE FROM		TO		LOS ANGELES, CA		
		LOS ANGELES, CA	1-4 & 7	5		
OUT OF USE FROM		TO		LOS ANGELES, CA		
		LOS ANGELES, CA	1-4 & 7	5		

* 15. Item Code: 1. Brakes 2. Running Gear 3. Cab Equip 4. Mech Equip 5. Elect Equip 6. Steam Gen

TESTS		18. H&H Test Pressure	19. Waiver Part 229	21. Person Conducting	22. Test Date & Place	23. Date & Place
Type	Interval	DRILLED				
Event Recorder 229.25(d) or 229.27(c)	No. of days: 368				LOS ANGELES, CA	08/07/2017 LOS ANGELES, CA
Annual Tests 229.27	368 days				LOS ANGELES, CA	08/07/2017 LOS ANGELES, CA
Hand Brake 232.105(c)	368 days				LOS ANGELES, CA	08/07/2017 LOS ANGELES, CA
Air Brakes: Level 1 229.29(c)(1)	368 days				LOS ANGELES, CA	08/07/2017 LOS ANGELES, CA
Level 2 229.29(c)(2)	No. of days: 1,472				LOS ANGELES, CA	07/29/2016 LOS ANGELES, CA
Level 3 229.29(c)(3)	No. of days: 1,472				LOS ANGELES, CA	07/29/2016 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. 859
Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec.1001)

Officer-in-charge _____ Date _____

Office DEPOT

SEARCHED INDEXED SERIALIZED FILED
 JUN 15 12 11 30 PM '15
 MARSHFIELD TRANSPORTATION

Locomotive Inspection and Repair Record
 OMB No. 2130-0002

See reverse for Paperwork Reduction Act Statement

1. Year: 2018
 2. Loco No: N59
 3. RR Code: AMTK
 4. Owned By: Southern California Regional Rail Authority
 5. RR Code: SCA
 6. Loco No: N59
 7. Year Built: 1982
 8. Type of Service: Road Yard Passenger Other
 9. Steam Unit a No: N/A
 10. Working Pressure: N/A
 11. Out of use Credit: 0 Days
 12. Last Periodic Inspection: a. Date: 11/30/2017
 b. Place: LOS ANGELES, CA
 13. AFMCAI (28 CFR):
 a. Date & cert: N/A
 b. Date & cert: N/A
 c. Date & cert: N/A
 d. Date & cert: N/A

PERIODIC INSPECTIONS
 Check one: 93 days per 229.23(a) 181 days per 229.23(b)(1) only

14. Date	14. Place	15. Items*	16. Person Conducting	15. Items*	16. Person Conducting	17. Certified by
2-20-16	LOS ANGELES, CA	TO	2-21-16	LOS ANGELES, CA		ALB
2-21-16	LOS ANGELES, CA	1-4 & 7	2-21-16	LOS ANGELES, CA	James C.	ALB
5-25-18	LOS ANGELES, CA	TO	5-31-18	LOS ANGELES, CA		ALB
5-31-18	LOS ANGELES, CA	1-4 & 7	5-31-18	LOS ANGELES, CA	Wade	ALB
	LOS ANGELES, CA	TO		LOS ANGELES, CA		
	LOS ANGELES, CA	1-4 & 7		LOS ANGELES, CA		
	LOS ANGELES, CA	TO		LOS ANGELES, CA		
	LOS ANGELES, CA	1-4 & 7		LOS ANGELES, CA		

* 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: DRILLED
 19. Waiver Part 229
 20. Waiver - Other

Type	Interval Not more than	21. Person Conducting	22. Test Date & Place	23. Certified by	24. Previous Test Date & Place
Event Recorder 229.23(d) or 229.27(c)	No. of days: 368		LOS ANGELES, CA		08/07/2017 LOS ANGELES, CA
Annual Tests 229.27	368 days		LOS ANGELES, CA		08/07/2017 LOS ANGELES, CA
Hand Brake 232.103(c)	368 days		LOS ANGELES, CA		08/07/2017 LOS ANGELES, CA
Air Brakes Level 1 229.29(c)(1)	368 days		LOS ANGELES, CA		08/07/2017 LOS ANGELES, CA
Level 2 229.29(c)(2)	No. of days: 1,472		LOS ANGELES, CA		07/29/2016 LOS ANGELES, CA
Level 3 229.29(c)(3)	No. of days: 1,472		LOS ANGELES, CA		07/29/2016 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 appearances 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. 859
 Attention: A false entry on this form is punishable by fine or imprisonment (18 USC Sec 1091)

Officer-in-charge _____ Date _____

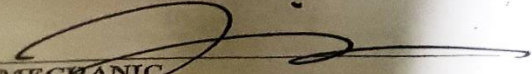
**MAINTENANCE ANALYSIS PROGRAM
DIESEL ELECTRIC LOCOMOTIVES AND CAB CARS
INTERMITTENT INDUCTIVE TRAIN STOP INSPECTION**

✓ PERIODIC _____ FAILURE

UNIT NO. SCH 859	LOCATION Los Angeles, CA CMT	DATE 6/13/18	TIME 9:00 AM
		FOUND	LEFT
1. Receiver height should be $4\frac{1}{2} \pm \frac{1}{4}$ ".		7 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.		16	16
5. Receiver resistance NS and A. Should be 27 to 41 Ohms.		36	36
6. Receiver resistance NA and NS. Should be 37 to 56 Ohms.		47	47
7. System voltage. Should be 30 to 32 volts.		32 VDC	32 VDC
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.		7 SEC.	7 SEC.
11. Condition of audible alarm and penalty indicators.		Good	Good
12. Test ATS system by using the ATS portable tester.		Passed	Passed
ATS CONTROL BOX DATE: <u>11/20/17</u>			
ATS CONTROL BOX SERIAL NO.: <u>2898008</u>			
ATS MAGNET VALVE DATE: <u>7/26/16</u>			

REMARKS

ATS CONTROL BOX SEAL NO: **0237273**


MECHANIC


SUPERVISOR