

DCA16MR011 NJT Collision of Train 1614 Hoboken Station Hoboken, NJ September 29, 2016

## **Attachment 8**

FRA form F6180-49A Locomotive Inspection Record and Repair Record-locomotive 4214

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## Locomotive Inspection and Repair Record

Federal Railroad Administration  Year: 1. Operated by:		See reverse for Paperwork R			OMB No.2130-0004		
LA015 \ N.	JTRO	RR Code:	2. Owned by:		RR Code:		
3. Model No.	1 Logs No.	1 0636	NJTI		0636		
COME	6036	If renumbered, Pre		Burney Committee	Check if new loca		
6. Propelled by: 7. Hor	epower 8. Type of	Service: Passes	100 1 7	008			
MMUC	A Road	Yard Other	9. Steam Gas a. No.:	b. Working	10. Max. Piston	Sept 2	
Type of Air Brake: Air Dr	÷ 11.0	Out of use Credit:	12. Last Periodic	Pressure /	A Travel in (see RE	M)	
AFM CAL 92 day max	NO		Inspection	a. Date 11-19-14	b/Place S	1	
AFM CAL. 92 day max. 229.29(b) interval	Przvious date:	Date & Cert:	Date & cert:			204,1	
PERIODIC INSPECTIONS	N/A	N/A	N/A	Date & cert:	Date & cert:	TOTAL SECTION	
Name and Address of the Owner, where the Owner, which is the Owner, whi	The second of th	k one: 7 92 days pe	r 229.23(a)	1 184 days re	A N/A	1	
The state of the s	15. Items*	16. Person Conducting	15 Items*	Person Conducting			
2-5-15 KEARN				Total Conducting	17. Certified by		
	+11,2,4,7		3.5				
5-6-15 Holes A	11/1/1-		F : / =				
4	-1/1/		3.5				
001 04	DERVICE	1	1				
8-11-15 KEXEL			-6-1)			1	
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1-6-15 HOBE	ENTITION	<b>1</b> 2	777		ÿ.		
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15 10		All the second s					
15. item Cude: 1. Brakes 2. Rus	ming Gear 3. Cab Equ	ip 4. Mech Equip 5. Elect E	quin 6 Sterm Con 2				
15 Item Code: 1 Brakes 2. Rus LSTS IS H&H Test Pr	ming Gear 3. Cab Equ	p 4. Mech Equip 5 Elect E				1	
		19. Waiver Part 229		Safety Appl 0. Waiver - Other			
	Interval	21. Person Conducting	22. Test Date & 2	0. Waiver - Other			
pe ent Recorder	Interval Not more than:	21. Person Conducting	20		24. Previous Test Date & Place		
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<u>INSTRUCTIONS</u>: This Locomotive Inspection and Repair Record (Record or F6180-49A) covers a calendar year, except as noted. The Record for the preceding calendar year shall be retained in the locomotive until the first periodic inspection of the new year or, until the Record is replaced on April 2 or July 3 (if 184 day eligible) as required by 49 CFR 229.23(f) or, until the locomotive changes ownership (see 2 below.) Enter the requested information in each block. Special instructions are given below.

- OPERATED BY: Enter the name and code of the primary railroad operating the locomotive at the time this Record is placed in it. Operator
  changes, including dates, shall be noted in "Remarks." The "RR Code" is as assigned by FRA to the railroad.
- 2. OWNER: Enter the name and RR Code of the owner. Changes in ownership shall be submitted as final reports.
- 3. LOCOMOTIVE NO.: Enter digits only. Include letters if they differ from the "RR Code." if renumbered, enter the previous number.
- 4. YEAR BUILT: Enter the year the locomotive was built and check if new. If remanufactured per 49 CFR 229.5, enter "RM" and the year.
- 5. PROPELLED BY: Enter Diesel-Electric (D-E), Electric (E), Electric Multiple Unit (MU), Diesel Multiple Unit (DMU), MU Control Cab (MUC), Non-MU Control Cab (NMUC), Turbine (T), Torque Converter (TC), or Other (O).
- 6. MAXIMUM PISTON TRAVEL: Enter only "nominal" travel. Do not include the manufacturer's tolerance.
- 7. OUT-OF-USE CREDIT: Enter the number of creditable calendar days the locomotive was out-of use since the last periodic inspection on the previous F6180-49A. Less than 30 consecutive calendar days for any out-of-use period may not be counted per 49 CFR 229.33. For current periods out-of-use, an entry "Out-of-use from to "shall be made on a Periodic Inspection line and certified when a locomotive which would otherwise be due for inspection is out-of-use. If the locomotive is out of use at the end of the annual reporting period, complete the "To" entry with the last day of the period. An entry shall then be made on the new Record showing the first day of the new reporting period as the "From" date.
- 8. LAST PERIODIC INSPECTION: When a new Record is placed in the locomotive transfer the last periodic inspection information into block 12 a & b and the last test information into column 24 of the new Record. Tests that are not applicable should be noted "NA".
- 9. <u>AFM CAL</u>: Enter the date of the last Air Flow Method Indicator (AFM) calibration from the previous year. Enter and certify subsequent calibrations as they are done.
- 10. <u>PERIODIC INSPECTIONS</u>: Check 184 days *only* if the locomotive qualifies per 49 CFR 229.23(b)(1) and the railroad chooses to abide by the requirement for 33 day QMI Daily inspections, otherwise check 92 days. Persons making the required inspections shall sign and list the litem codes inspected. The employee's supervisor shall certify that the inspections were completed.
- 11. HSH: Enter the test pressure for the hydrostatic air reservoir test. If the reservoirs are drilled, enter "NA" here and "Drilled" in the Hammer and Hydro line below.
- 12. <u>WAIVERS:</u> Any waiver applicable to this locomotive shall be entered by waiver number in block 19 if a waiver from Part 229, or block 20, if a waiver from any other regulation. Enter explanatory information regarding the scope and content of each waiver under "Remarks".
- 13. TESTS: The maximum number of days for Event Recorder, Level 2 and Level 3 air brake tests shall be entered per the referenced sections of 49 CFR 229. Where the railroad has chosen to fragment air brake clean, repair and test requirements as permitted under 49 CFR 229.29, a separate air record shall be maintained an the cab of the locomotive and the word "Fragmented" shall be entered in the Level 2 and Level 3 lines.

Level 3 lines, REPAIRS: Special potes sale	Tagrienced Stall be entered in the Lavel 2 and
Acraina: opecial notes rela	ating to repairs performed to restore compliance.
NOISE: Enter any noise test	ts or related information in accordance with 49 CFR 210.31.
ITC PUEBLO, CO. PASS-BY	4-6-200269Db28
REMARKS: Additional explain	natory or clarifying information.
This locomotive / cab car / MU	C2F is equipped with Unitized units: a salf-contained balls
or brake pags to the wheel or d  Event Recorder Fourier	disc. Unitized units incorporate an automatic slack adjuster and the piston stroke cannot be measured.  Oed:  ASAIDO
Stolle Hotological Edgibb	CASES)

Public reporting burden for this collection of information is estimated to average 15 minutes per response including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. A federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless that collection of information displays a current OMB Number. The OMB control number for this information is 2130-0004. Anyone with comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden, may send them to: Information Clearance Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25, Washington, DC 20590

U.S. Dept. Of Transportation Federal Railroad Administration

See reverse for Paperwork Reduction Act Statement

OMB No. 2130-0004

Year: 2016	I. Operated by	ansit Rail Operati	ons	RR Code: 0636	2. Owner		ul Operations	RR Code: 0636
3. Model No. GP40-PH2-	4. La	00 No. 4214		If renumbered, Prev.		5. Year		Check if new loco.
6. Propelled by:	7. Horsepo		f Service:	Passenger 🖾	9. Steam	Gen. a. No:	b. Working Pressure	10, Max Piston
DIESEL	3000	Road	Yard	Other 🗆		N/A	N/A	Travel 8" in. (see REM)
Type of Air Brake: 26L CS2	Air Dryer Yes ⊠	No 🗆 1	1. Out of us	Credit:	12. Last Perio	odic	a. Date 4/12/16	b. Place KEARNY, N.J.
AFM CAL. 229 29(b)	92 day max. interval	Previous	date: N/A	Date & Cert:	N/A Date &	& Cert: N/		N/A Date & Cert: N/A
PERIODIC INSP	ECTIONS	Check One:	W Specif	☑ 92 days per	229.23(a)		☐ 184 days per 22	9.23(b)(1) <u>only</u>
13.Date Mo/Day/Yr	14. Place	15. Items*	16	Person Conducting	15. Items	16. 1	Person Conducting	17. Certified by:
		Out o		7/11/2016	TO	7	1/18/2016	
7/18/244	KEARNY, N.	3-5	4	9	. 1			4
7/18/2016	KEARNY, NJ	2-4-7			-	V	(	
'' '								
							37011	
				- Fawar				
*15. Item Code:	1 Denker 2 D	unning Coop 2	Cab Faur	4 Mach Cours	Fleet Fauls	6 Star C-	7 Cofety A 1	
The second secon	1. Brakes 2. R 1. H&H Test Pres		. Cab. Equip	19. Waiver Part 229	i. Elect Equip ike FRA-2007 -	6. Steam Ger	7. Safety Appl 20. Waiver -Other	****
Туре	A	Interval		Person Conducting	22. Test	Date &	13. Certified by:	24. Previous Test Date
		Not more than			Place		o, Centilled by:	& Place
Event Recorder 229.25(d) or 229.2	7(c)	No. of days 368 days						1/14/2016 HOBOKEN, N.J.
Annual Tests 229	27	368 days						1/14/2016 HOBOKEN, N.J.
Hand Brake 23	2.105(c)	368 days						1/14/2016 HOBOKEN, N.J.
		and the state of t						HOBOKEN, NJ.
Air Brakes: Level	1 229,29(c)(1)	368 days						1/14/2016 HOBOKEN, N.J.
	1 229.29(c)(1) 2 229.29(c)(2)	368 days						1/14/2016
Level								1/14/2016 HOBOKEN, N.J. 4/13/2013
Level	2 229.29(c)(2) 3 229.29(c)(3)	1472 days:		N/A			4*	1/14/2016 HOBOKEN, N.J. 4/13/2013 KEARNY, N.J 4/13/2013
Level  Level  Hammer and Hydre	2 229.29(c)(2) 3 229.29(c)(3) 2 229.31 with the Locomt have been inspect	1472 days: 1472 days: 736 days otive Inspection octed and all defective copy: I certificate the copy:	ts disclosed y that this is		e been properly section and repair	repaired. ir records of l		1/14/2016 HOBOKEN, N.J. 4/13/2013 KEARNY, N.J 4/13/2013 KEARNY, N.J
Level  Level  Hammer and Hydre	2 229.29(c)(2) 3 229.29(c)(3) 2 229.31 with the Locomt have been inspect	1472 days: 1472 days: 736 days otive Inspection cted and all defective copy: I certification	ts disclosed y that this is	apter 207 and the reg by the inspection have a true copy of the insp	e been properly section and repair	repaired. ir records of l	ocomotive no. 42	1/14/2016 HOBOKEN, N.J.  4/13/2013 KEARNY, N.J  4/13/2013 KEARNY, N.J  Drilled appurtenances of the

INSTRUCTIONS: This Locomotive Inspection and Repair Record (Record or F6180-49A) covers a calendar year, except as noted. The Record for the preceding calendar year shall be retained in the locomotive until the first periodic inspection of the new year or, until the Record is replaced on April 2 or July 3 (if 1844 day eligible) as required by 49 CFR 229.23(f) or, until the locomotive changes ownership (see 2 below.) Enter the requested information in each block. Special instructions are given below.

OPERATED BY: Enter the name and code of the primary railroad operating the locomotive at the time this Record is placed in it. Operator changes, including dates, shall be noted in "Remarks." The "RR Code" is as assigned by FRA to the railroad.

OWNER: Enter the name and RR Code of the owner. Changes in ownership shall be submitted as final reports.

LOCOMOTIVE NO.: Enter digits only. Include letters if they differ from the "RR Code." If renumbered, enter the previous number.

YEAR BUILT. Enter the year the locomotive was built and check if new. If remanufactured per 49 CFR 229.5, enter "RM" and the

PROPELLED BY: Enter Diesel-Electric (D-E), Electric (E), Electric Multiple Unit (MU), Diesel Multiple Unit (DMU), MU Control 5. Cab (MUC), Non-MU Control Cab (NMUC), Turbine (T), Torque Converter (TC), or Other (O)

MAXIMUM PISTON TRAVEL: Enter only "nominal" travel. Do not include the manufacturer's tolerance.

OUT-OF-USE CREDIT: Enter the number of creditable calendar days the locomotive was out-of-use since the last periodic inspection on the previous F6180-49A. Less than 30 consecutive calendar days for any out-of-use period may not be counted per CFR 49 229.33. For current periods out-of-use, an entry "Out-of-use from For current periods out-of-use, an entry "Out-of-use from to "shall be made on a Periodic Inspection line and certified when a locomotive which would otherwise be due for inspection is out-of-use. If the locomotive is out of use at the end of the annual reporting period, complete the "To" entry with the last day of the period. An entry shall then be made on the new Record showing the first day of the new reporting as the "From" date.

LAST PERIODIC INSPECTION: When a new Record is placed in the locomotive transfer the last periodic inspection information into block 12 a & b and the last test information into column 24 of the new Record. Tests that are not applicable should be noted

AFM CAL. Enter the date of the last Air Flow Method Indicator (AFM) calibration from the previous year. Enter and certify subsequent calibrations as they are done.

10. PERIODIC INSPECTIONS: Check 184 days only if the locomotive qualifies per 49 CFR 229.23(b)(1) and the railroad chooses to abide by the requirement for 33 day QMI Daily inspections, otherwise check 92 days. Persons making the required inspections shall sign and list the item codes inspected. The employee's supervisor shall certify that the inspections were completed.

11. H&H: Enter the test pressure for the hydrostatic air reservoir test. If the reservoirs are drilled, enter "NA" here and "Drilled" in the

Hammer and Hydro line below.

- 12. WAIVERS: Any waiver applicable to this locomotive shall be entered by waiver number in block 19 if a waiver from Part 229, or block 20, if a waiver from any other regulation. Enter explanatory information regarding the scope and content of each waiver under
- 13. TESTS: The maximum number of days for Event Recorder, Level 2 and Level 3 air brake tests shall be entered per the referenced sections of 49 CFR 229. Where the railroad has chosen to fragment air brake clean, repair and test requirements as permitted under 49 CFR 222.29, a separate air record shall be maintained an the cab of the locomotive and the work "Fragmented" shall be entered in the Level 2 and Level 3 lines.

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REMARKS: Additional explanatory or clarifying information.

EVENT RECORDER EQUIPPED: Invensys-Q1036

Public reporting burden for this collection of information is estimated to average 15 minutes per response including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. A federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information displays a current OMB Number. The OMB control number for this information is 2130-004. Anyone with comments regarding this burden estimate or any aspect of this information collection, including suggestions for reducing this burden, may send them to: Information Clearance Officer, Federal Railroad Administration, 1200 New Jersey Avenue, SE, MS-25, Washington, DC 20590.

U.S. GOVERNMENT PRINTING OFFICE 2012 461-823/33002 Form FRA F6180-49A (11/2012)