

# DEAD RAIL RISING

*A gathering of Battery Powered Radio-Controlled S-Scale locomotives at the 2019 NASG National Convention*

*Profiles of each unique locomotive provide details on the owner, RC system, battery, installation, and operation*

*For more information on Dead Rail, a copy of the clinic “Better off Dead Rail”, as well as a copy of the locomotive profiles on display, please email: **DeadRailRising@gmail.com***



DEAD RAIL RISING

Informational cards and model train components are arranged on the table. The cards feature photographs of various locomotives and passenger cars, along with descriptive text. The model trains include a red and white locomotive, a green and yellow locomotive, and several passenger cars. A control unit is visible on the right side of the table.

**DEAD RAIL RISING**  
A collection of model trains, including locomotives and passenger cars, is displayed on a table. The display is set up on a black cloth and includes a wooden crossing sign that reads "DEAD RAIL RISING". The table is covered with several informational cards that provide details about the trains and the display. The background is a plain wall, and the floor has a patterned carpet.



Model: John Stephens  
Build Date: 10/2018  
Contact Info: June 2019  
Location: Exeter, NH  
Website: ExeterNH.com  
Maker: Cumberland West Virginia  
Year: 1983-84  
Type: MRC Loco Game  
Power: MRC Loco Game  
Control: MRC Loco Game Throttle  
Accessories: MRC Wireless Handheld

Battery Specs:	3.7V, 2P, 2000mAh LiPo
Battery Charger:	Stanton BPS-v4; DC 12V Power
Charge Method:	Thru-The-Rails
Run Time:	~3hrs
Sound:	~4-5hrs
Notes:	Yes
	Reed switch in tender below water hatch, activated with magnetic wand

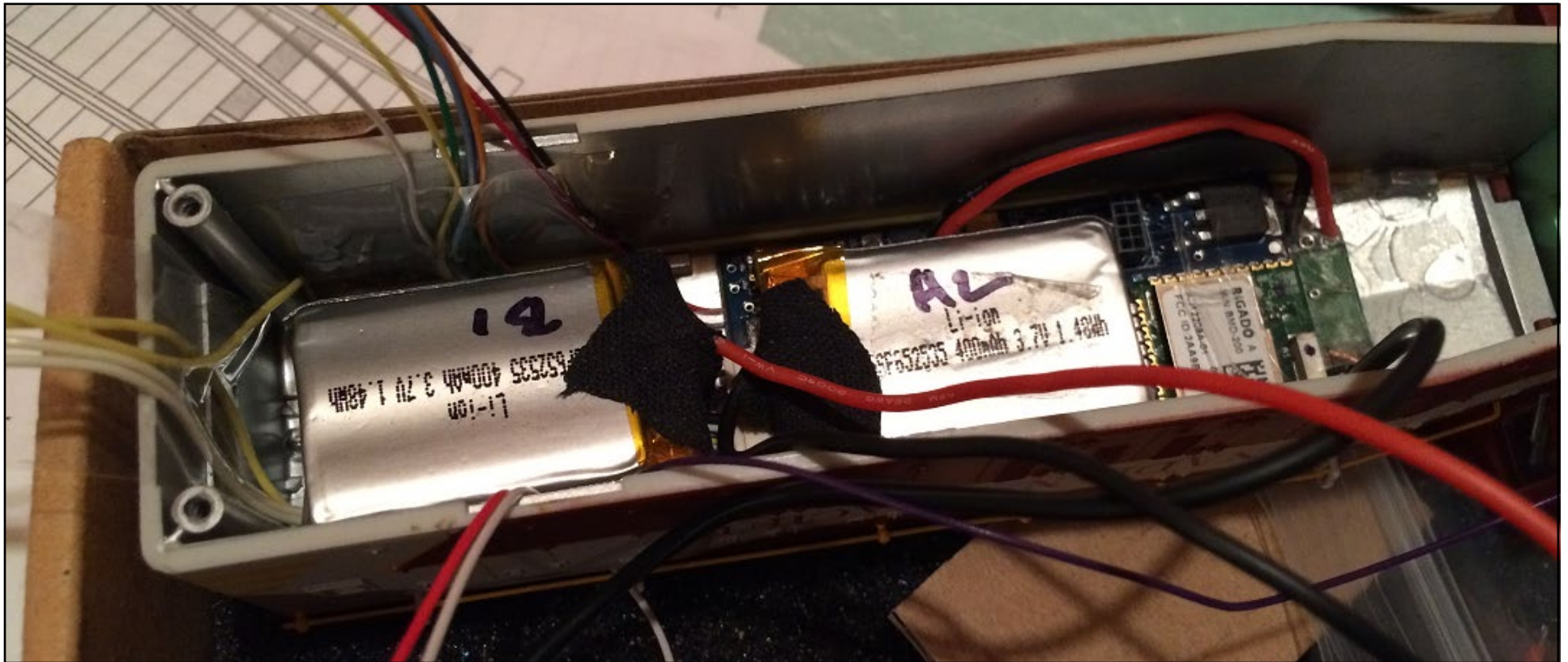
Owner
Installed
Install Date
Contact
Location
Make/Model
RC Receiver
RC Controller
Control



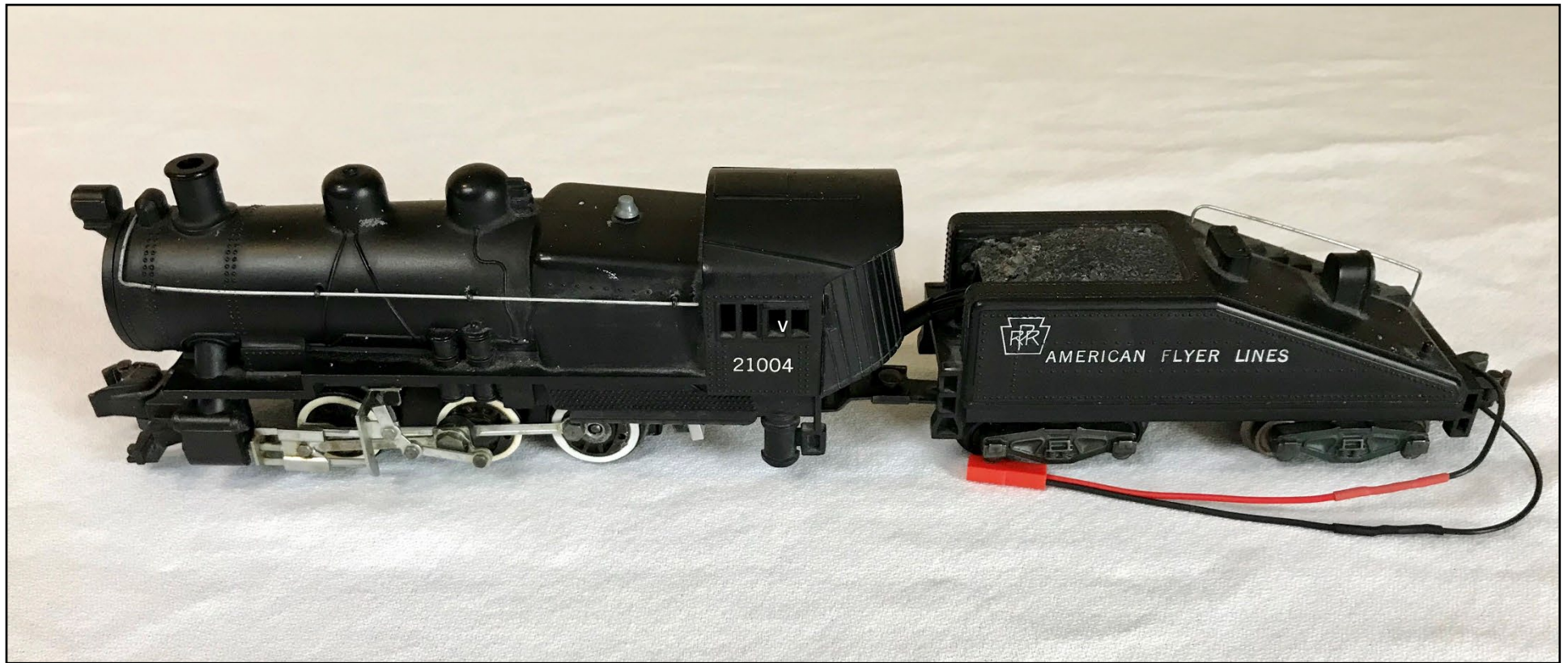
Owner:	Don Webster	Battery Specs:	
Installer:	Darby Marmott	Battery Charger:	DRI 11.1V, 3S, 850mAh LiPo
Contact Date:	February 2018	Charge Method:	iMAX B6AC
Location:	Howe's Railroad Co. Inc.	Run Time:	Thru-The-Rails, Isolated track
Make/Model:	Buffalo, New York	Sound:	~2
RC Receiver:	SWS-2-850	Notes:	~3:30
RC Controller:	BlueRail Trains Bluehorse		No
Control Type:	Android w/ BlueRail App		Power on/off and charge
	Direct Bluetooth Smart App		switch below water hatch;
			removable coal battery access



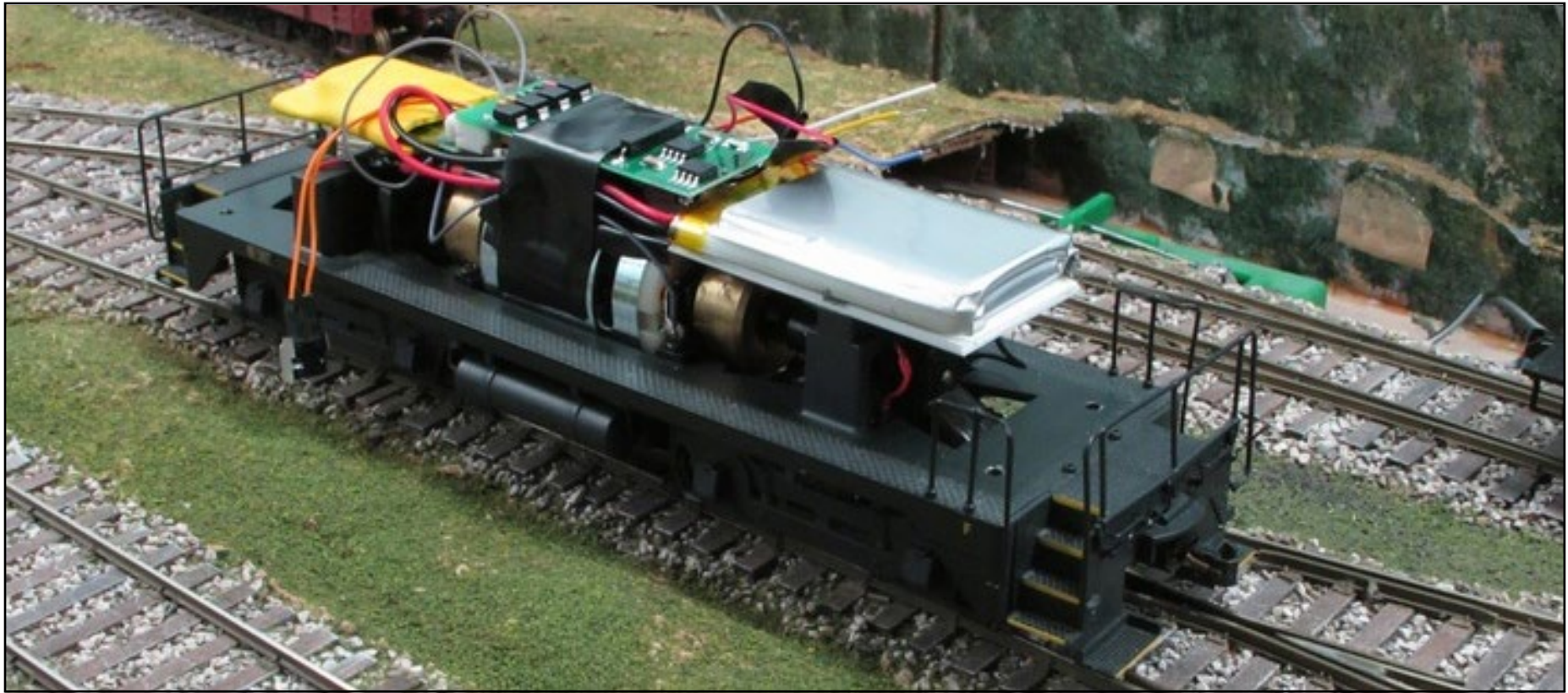
Owner:	Darby Marriott	Battery Specs:	DRI 11.1V, 3S, 400mAh LiPo
Installer:	Darby Marriott	Battery Charger:	iMAX B6AC
Install Date:	May 2016	Charge Method:	Thru-The-Rails, isolated track
Contact Info:	DeadRailRising@gmail.com	Charge Time:	~1:20
Address:	Kitchener, Ontario, Canada	Run Time:	~1:50
Model:	SHS SW9	Sound:	No
Control:	BlueRail Trains Bluehorse	Notes:	Power on/off and charge mode activation via switch buttons below smoke stack
Phone:	Phone 7 w/ BlueRail App		
App:	Bluetooth Smart App		



Owner:	Darby Marriott	Battery Specs:	DRI 11.1V, 3S, 400mAh LiPo
Installer:	Darby Marriott	Battery Charger:	iMAX B6AC
Install Date:	May 2016	Charge Method:	Thru-The-Rails, isolated track
Contact Info:	DeadRailRising@gmail.com	Charge Time:	~1:20
Location:	Kitchener, Ontario, Canada	Run Time:	~1:50
Make/Model:	SHS SW9	Sound:	No
RC Receiver:	BlueRail Trains Bluehorse	Notes:	Power on/off and charge mode activation via switch buttons below smoke stack
RC Controller:	iPhone 7 w/ BlueRail App		
Control Type:	Direct Bluetooth Smart App		

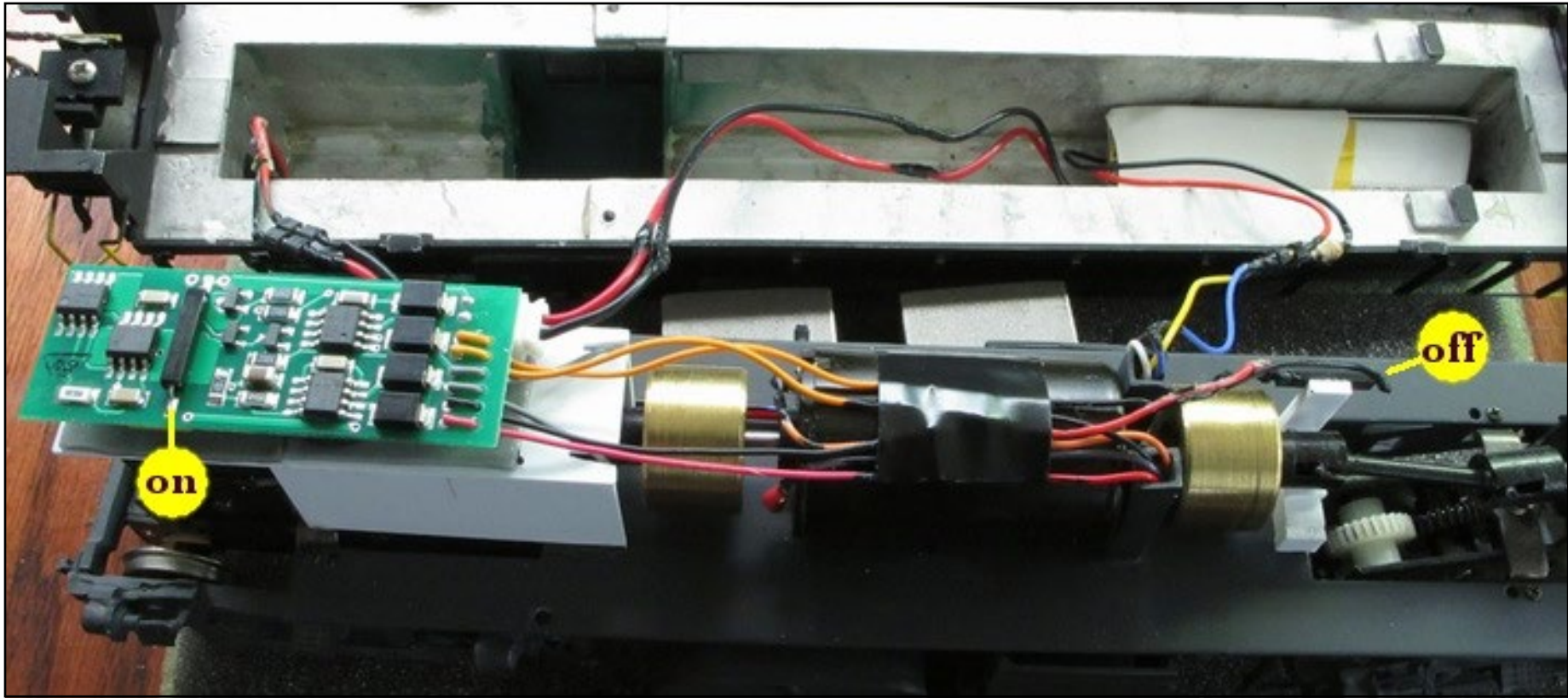


Owner:	Steve Galka	Battery Specs:	DRI 11.1V, 3S, 850mAh LiPo
Installer:	Steve Galka	Battery Charger:	iMAX B6AC
Install Date:	July 2019	Charge Method:	Remove battery
Contact Info:	sgalka@sympatico.ca	Charge Time:	~2hrs
Location:	Mississauga, Ontario, Canada	Run Time:	>2hrs
Make/Model:	American Flyer Steam 21004	Sound:	No
RC Receiver:	CVP Airwire G3	Notes:	DC can motor; receiver in tender; battery in trailing car; smoke
RC Controller:	CVP T5000		
Control Type:	Direct Wireless Handheld		

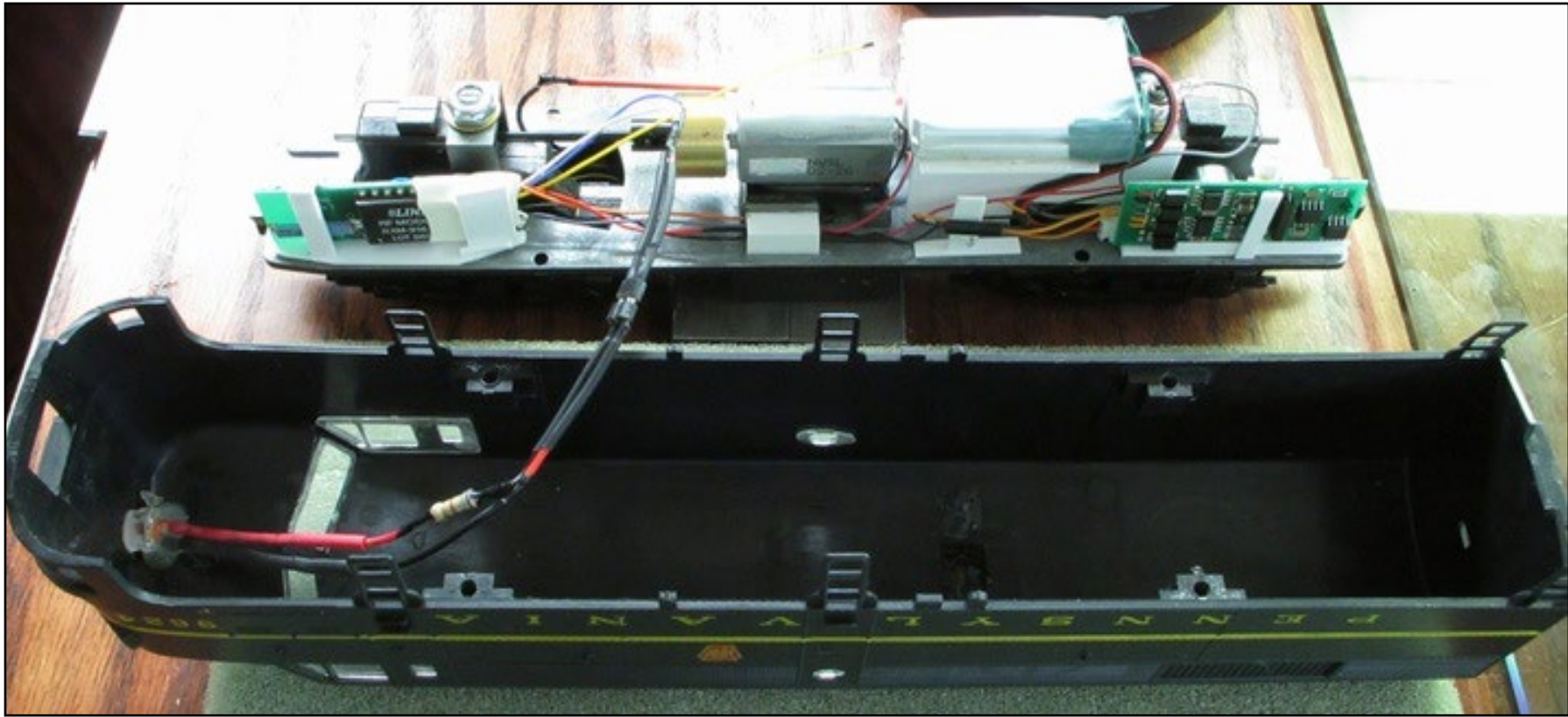


Owner:	Peter Vanvliet	Battery Specs:	3.7V, 1-cell, 1000mAh LiPo
Installer:	Peter Vanvliet	Battery Charger:	S-CAB BPS-v3; DC Power
Install Date:	December 2012	Charge Method:	Thru-The-Rails
Contact Info:	peter@fourthray.com	Charge Time:	Overnight (~8hrs)
Location:	Houston, Texas	Run Time:	~3hrs (6.5hrs on DCC power)
Make/Model:	SHS NW2	Sound:	No
RC Receiver:	S-CAB	Notes:	<a href="https://pmrr.org/Equipment/NW2/index.htm">https://pmrr.org/Equipment/NW2/index.htm</a>
RC Controller:	S-CAB Throttle		
Control Type:	Direct Wireless Handheld		

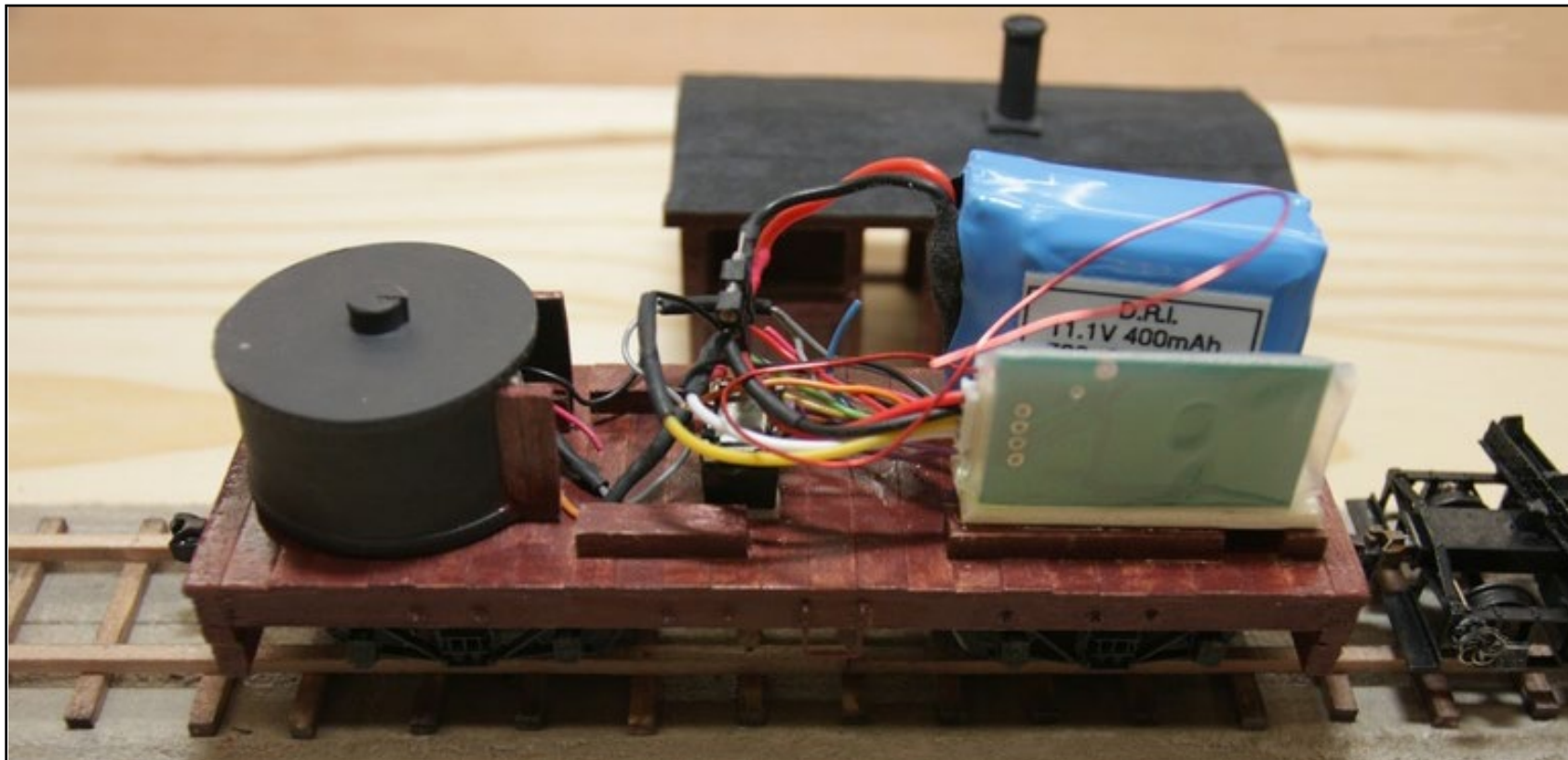




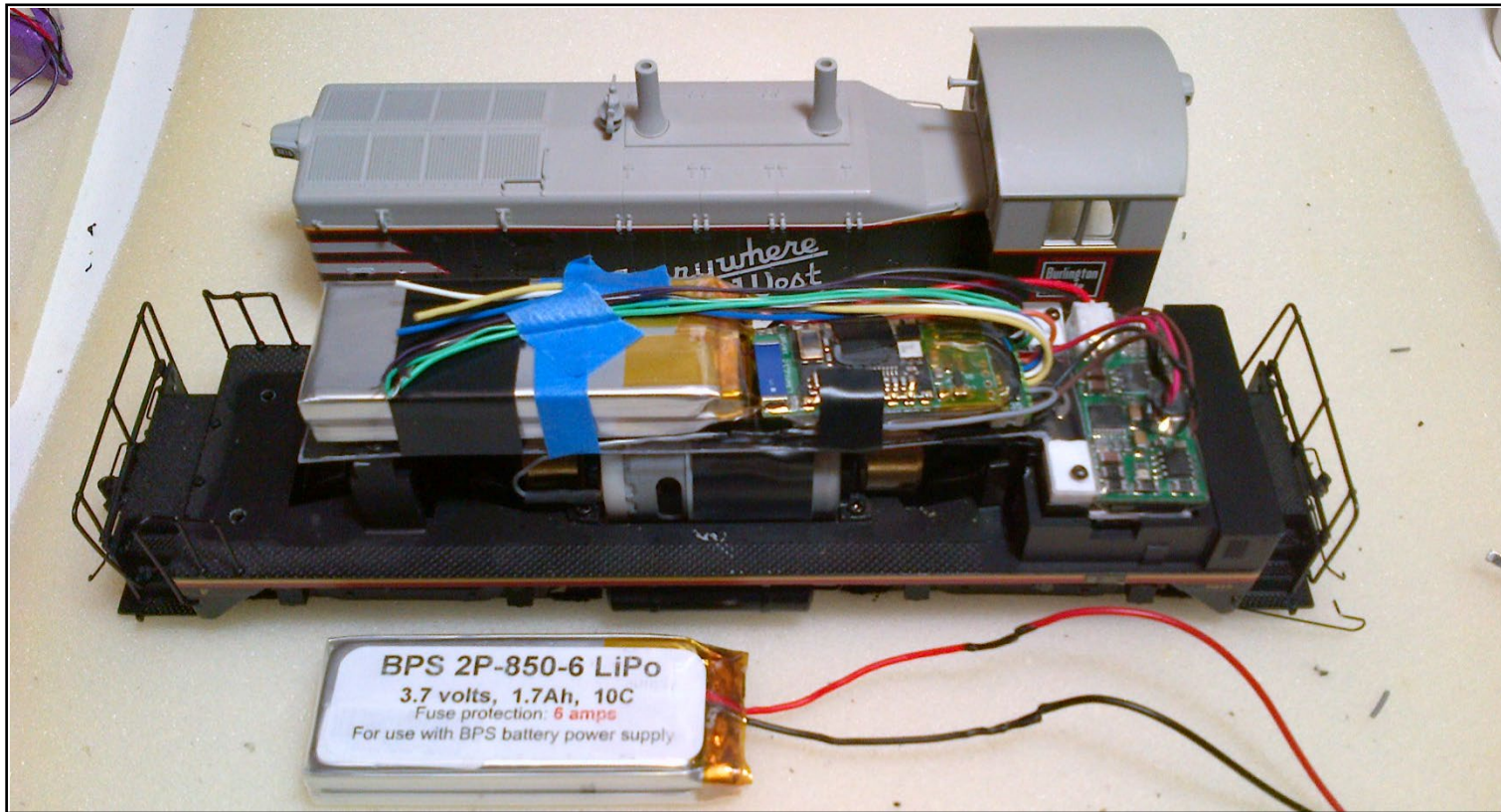
Owner:	Peter Vanvliet	Battery Specs:	3.7V, 1-cell, 850mAh LiPo
Installer:	Peter Vanvliet	Battery Charger:	S-CAB BPS-v3; DC Power
Install Date:	April 2013	Charge Method:	Thru-The-Rails
Contact Info:	peter@fourthray.com	Charge Time:	Overnight (~8hrs)
Location:	Houston, Texas	Run Time:	~1.5hrs (3hrs on DCC power)
Make/Model:	Railmaster Hobbies RS-1	Sound:	No
RC Receiver:	S-CAB	Notes:	North Yard chassis maybe hampering run duration <a href="https://pmrr.org/Equipment/RS1/index.htm">https://pmrr.org/Equipment/RS1/index.htm</a>
RC Controller:	S-CAB Throttle		
Control Type:	Direct Wireless Handheld		



Owner:	Peter Vanvliet	Battery Specs:	3.7V, 2P, 2000mAh LiPo
Installer:	Peter Vanvliet	Battery Charger:	S-CAB BPS-v3; DC Power
Install Date:	September 2013	Charge Method:	Thru-The-Rails
Contact Info:	peter@fourthray.com	Charge Time:	Overnight (~8hrs)
Location:	Houston, Texas	Run Time:	~6.25 (8.5hrs on DCC power)
Make/Model:	American Models FA-2	Sound:	No
RC Receiver:	S-CAB	Notes:	Required new NWSL motor (AM motor either off or full) <a href="https://pmrr.org/Equipment/FA2/index.htm">https://pmrr.org/Equipment/FA2/index.htm</a>
RC Controller:	S-CAB Throttle		
Control Type:	Direct Wireless Handheld		



Owner:	David Heine	Battery Specs:	DRI 11.1V, 3S, 400mAh LiPo
Installer:	David Heine	Battery Charger:	
Install Date:	2017	Charge Method:	Removable; charge off-line
Contact Info:	dheineww4@gmail.com	Charge Time:	~1hr
Location:	Easton, Pennsylvania	Run Time:	Never tested
Make/Model:	Sn42 Class A Dunkirk (scratchbuilt)	Sound:	Yes, Zimo MX646 DCC decoder with a small ice cube speaker
RC Receiver:	Tam Valley DRS1	Notes:	Mini-article about wooden Dead Rail on the NASG Website
RC Controller:	Tam Valley DRS1 Transmitter		<a href="http://nasg.org/Scale/Articles/WoodenStringerLogging.php">http://nasg.org/Scale/Articles/WoodenStringerLogging.php</a>
Control Type:	Direct Wireless Handheld		



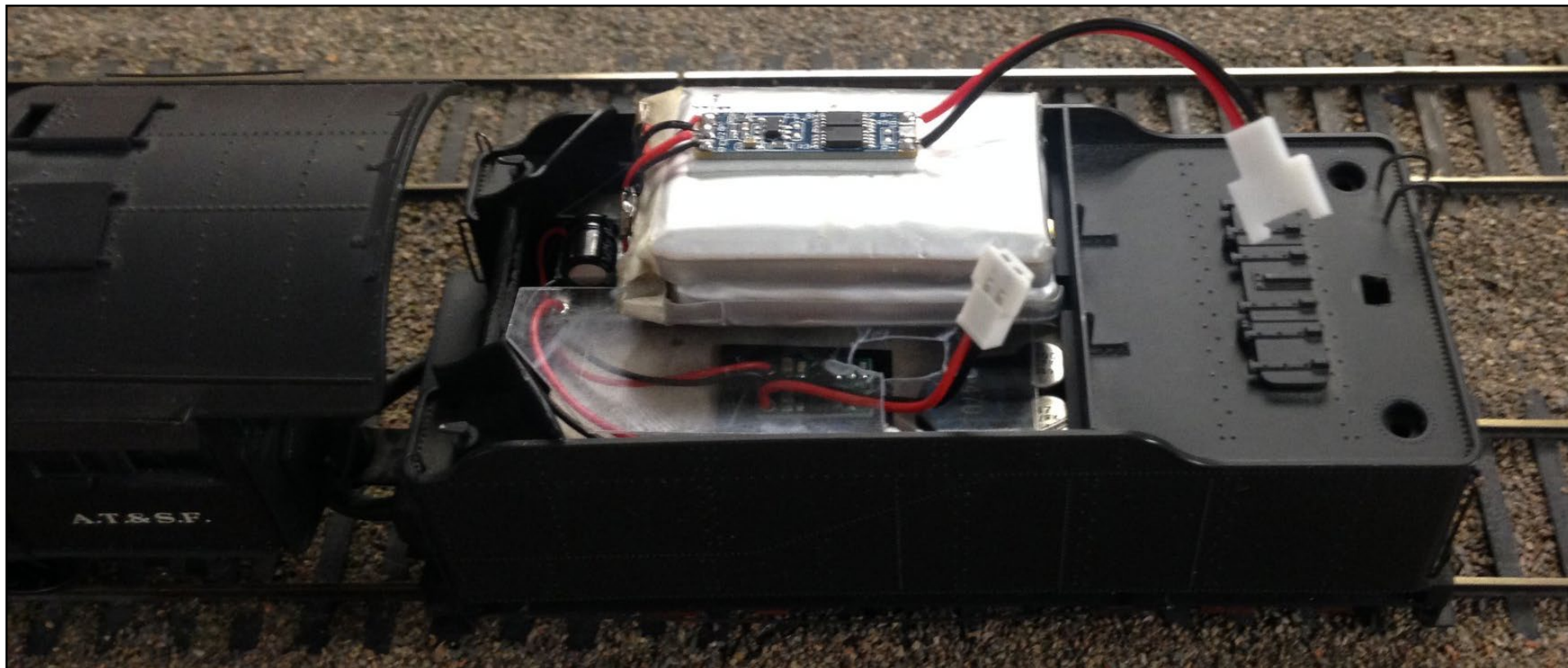
Owner:	Brian Walsh	Battery Specs:	3.7V, 2P, 2000mAh LiPo
Installer:	Brian Walsh	Battery Charger:	S-CAB BPS-v4; DC Power
Install Date:	September 2018	Charge Method:	Thru-The-Rails
Contact Info:	bcw.backshop@sympatico.ca	Charge Time:	Overnight (~8hrs)
Location:	Caledon, Ontario, Canada	Run Time:	~months!
Make/Model:	SHS NW2	Sound:	Yes
RC Receiver:	S-CAB Tsunami2 - 2 amp	Notes:	On/off via reed switches on engineer and fireman sides of cab
RC Controller:	S-CAB Throttle		
Control Type:	Direct Wireless Handheld		



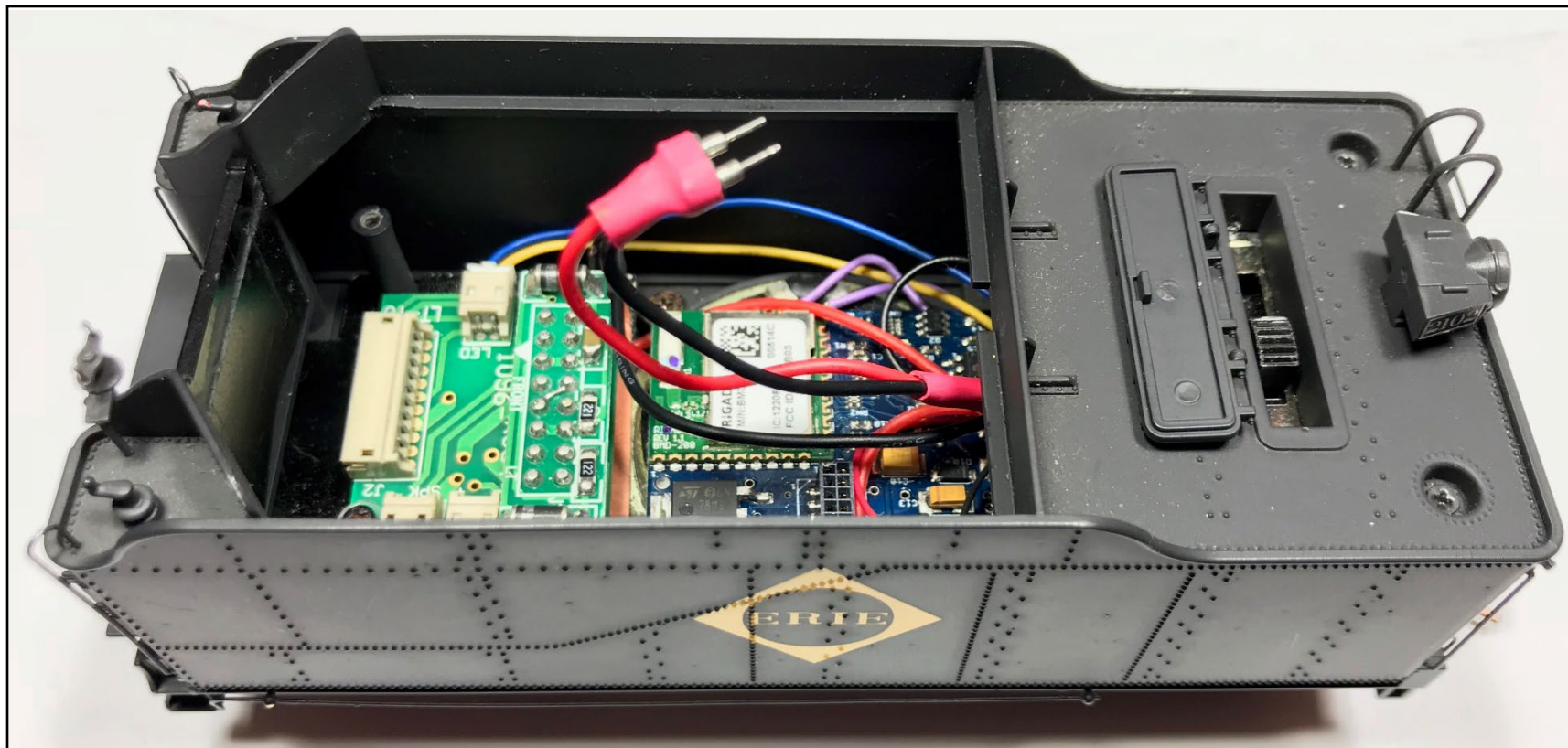
Owner:	Alex Binkely	Battery Specs:	3.7V, 2P, 2000mAh LiPo
Installer:	Darby Marriott	Battery Charger:	S-CAB BPS-v4; DC Power
Install Date:	July 2019	Charge Method:	Thru-The-Rails
Contact Info:	alex.binkley@sympatico.ca	Charge Time:	Overnight (~8hrs)
Location:	Ottawa, Ontario, Canada	Run Time:	~2:46*
Make/Model:	SHS SW9	Sound:	No
RC Receiver:	S-CAB NCE D13DRJ	Notes:	*Run Time at 90% throttle drawing ~.24A. Second loco identical
RC Controller:	S-CAB Throttle		
Control Type:	Direct Wireless Handheld		



Owner:	Luther Stephens	Battery Specs:	3.7V, 2P, 2000mAh LiPo
Installer:	Ed Sauers	Battery Charger:	Stanton BPS-v4; DC 12V Power
Install Date:	June 2018	Charge Method:	Thru-The-Rails
Contact Info:	lcs464@yahoo.com	Charge Time:	~3hrs
Location:	Cumberland, West Virginia	Run Time:	~4-5hrs
Make/Model:	SHS 2-8-0	Sound:	Yes
RC Receiver:	MRC Loco Genie	Notes:	Reed switch in tender below water hatch, activated with magnetic wand
RC Controller:	MRC Loco Genie Throttle		
Control Type:	Direct Wireless Handheld		

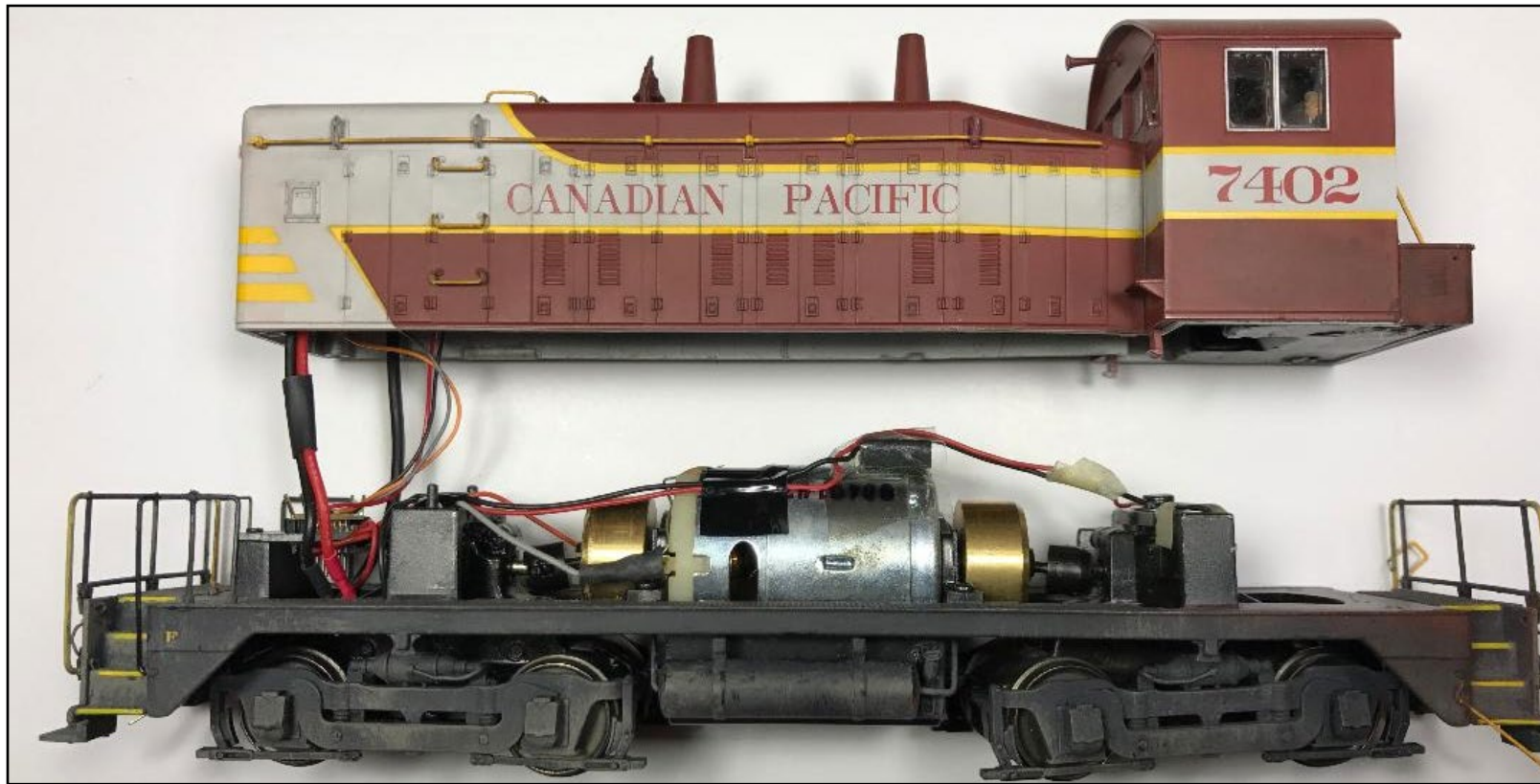


Owner:	Rusty Westermeier	Battery Specs:	7.4V, 2-cell LiPo
Installer:	Rusty Westermeier	Battery Charger:	
Install Date:		Charge Method:	Removable; charge off-line
Contact Info:	westerm9@msn.com	Charge Time:	~1:30
Location:	Glenwood, Iowa	Run Time:	~1:30
Make/Model:	SHS 2-8-0	Sound:	
RC Receiver:	CVP Airwire CONVRTR-15X	Notes:	Also Ominicon 2-8-0, AM FA-2 with dummy FB, and Scenery Unlimited Gas/Electric
RC Controller:	CVP T5000		
Control Type:	Direct Wireless Handheld		

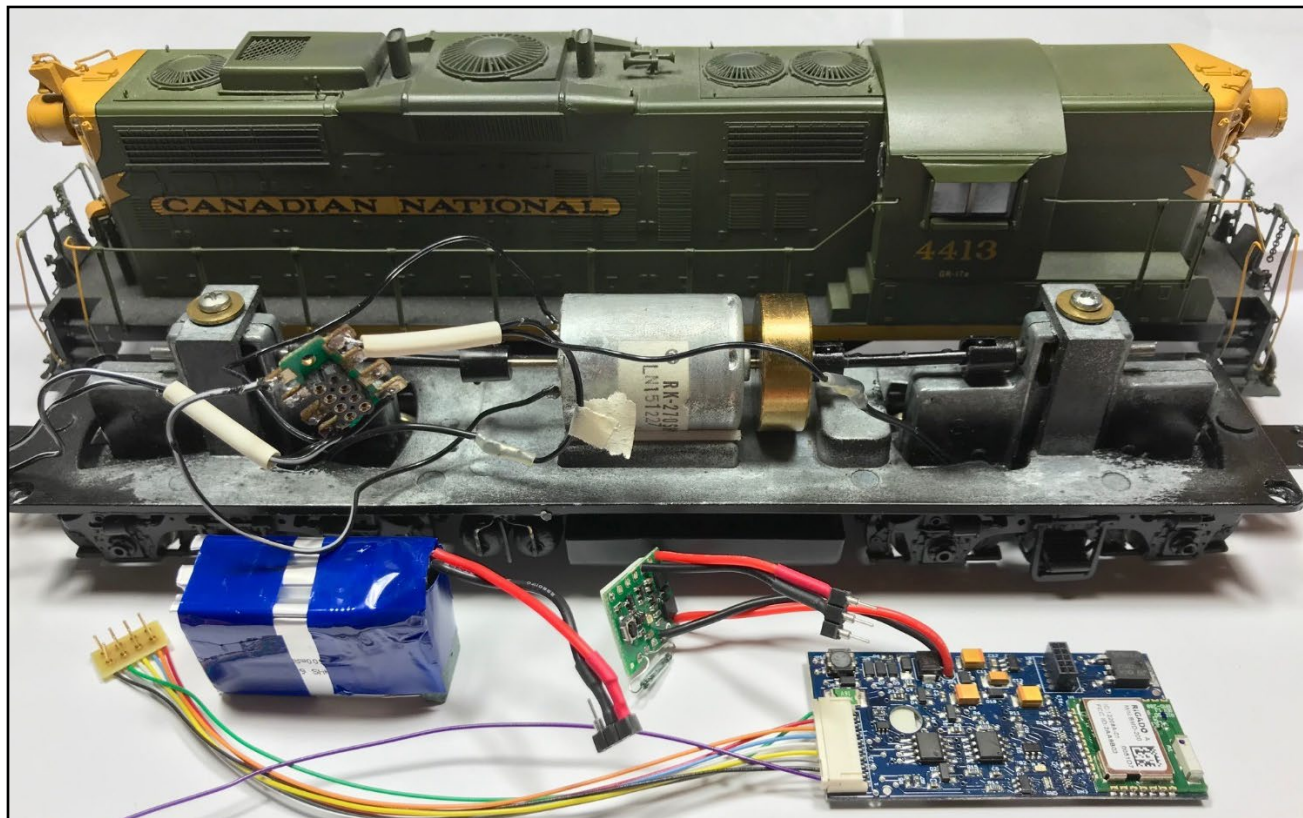


Owner:	Don Webster	Battery Specs:	DRI 11.1V, 3S, 850mAh LiPo
Installer:	Darby Marriott	Battery Charger:	iMAX B6AC
Install Date:	February 2018	Charge Method:	Thru-The-Rails, isolated track
Contact Info:	afdweb@aol.com	Charge Time:	~2
Location:	Buffalo, New York	Run Time:	~3:30
Make/Model:	SHS 2-8-0	Sound:	No
RC Receiver:	BlueRail Trains Bluehorse	Notes:	Power on/off and charge switch below water hatch; removable coal battery access
RC Controller:	Android w/ BlueRail App		
Control Type:	Direct Bluetooth Smart App		





Owner:	Jim Martin	Battery Specs:	DRI 11.1V, 3S, 500mAh LiPo
Installer:	Darby Marriott	Battery Charger:	iMAX B6AC
Install Date:	October 2017	Charge Method:	Thru-The-Rails, isolated track
Contact Info:	themartins@farnhamhouse.com	Charge Time:	~1:30
Location:	Port Colborne, Ontario Canada	Run Time:	~2:00
Make/Model:	SHS SW9	Sound:	No
RC Receiver:	BlueRail Trains Bluehorse	Notes:	Power on/off and charge mode activation via switches below smoke stack
RC Controller:	iPhone w/ BlueRail App		
Control Type:	Direct Bluetooth Smart App		



Owner:	Jim Martin	Battery Specs:	DRI 11.1V, 3S, 500mAh LiPo
Installer:	Darby Marriott	Battery Charger:	iMAX B6AC
Install Date:	July 2018	Charge Method:	Thru-The-Rails, isolated track
Contact Info:	themartins@farnhamhouse.com	Charge Time:	~1:30
Location:	Port Colborne, Ontario Canada	Run Time:	~2:00
Make/Model:	American Models GP9	Sound:	No
RC Receiver:	BlueRail Trains Bluehorse	Notes:	Power on/off and charge mode activation via switch below winterization hatch
RC Controller:	iPhone w/ BlueRail App		
Control Type:	Direct Bluetooth Smart App		



Owner:	Roy Meissner	Battery Specs:	S-CAB 3.7V, 2P, 2000mAh LiPo
Installer:	Rerailer Hobbies LLC	Battery Charger:	S-CAB BPS-v4; DC Power
Install Date:	2016	Charge Method:	Thru-The-Rails + charge port
Contact Info:	rmeissner@wi.rr.com	Charge Time:	Overnight (~8hrs)
Location:	Merton, WI	Run Time:	
Make/Model:	American Models 4-8-4	Sound:	Yes, DLG-8 bass reflex speaker
RC Receiver:	S-CAB, Tsunami2 TSU-1100	Notes:	RHLLC promotional no-charge installation,
RC Controller:	S-CAB Throttle		
Control Type:	Direct Wireless Handheld		



Owner:	Robert South	Battery Specs:	4.8V, 150mAh NiMH
Installer:	Robert South	Battery Charger:	iMAX B6AC
Install Date:	2014	Charge Method:	
Contact Info:	robert.south.57@gmail.com	Charge Time:	
Location:	Latrobe, PA	Run Time:	
Make/Model:	American High Rail, EMC Gas-Electric "Doodlebug"	Sound:	No
RC Receiver:	LOCI Micro-T RC car,	Notes:	First Dead-Rail project. Low cost but bulky handheld controller
RC Controller:	27MHz handheld		
Control Type:	Direct Wireless Handheld		



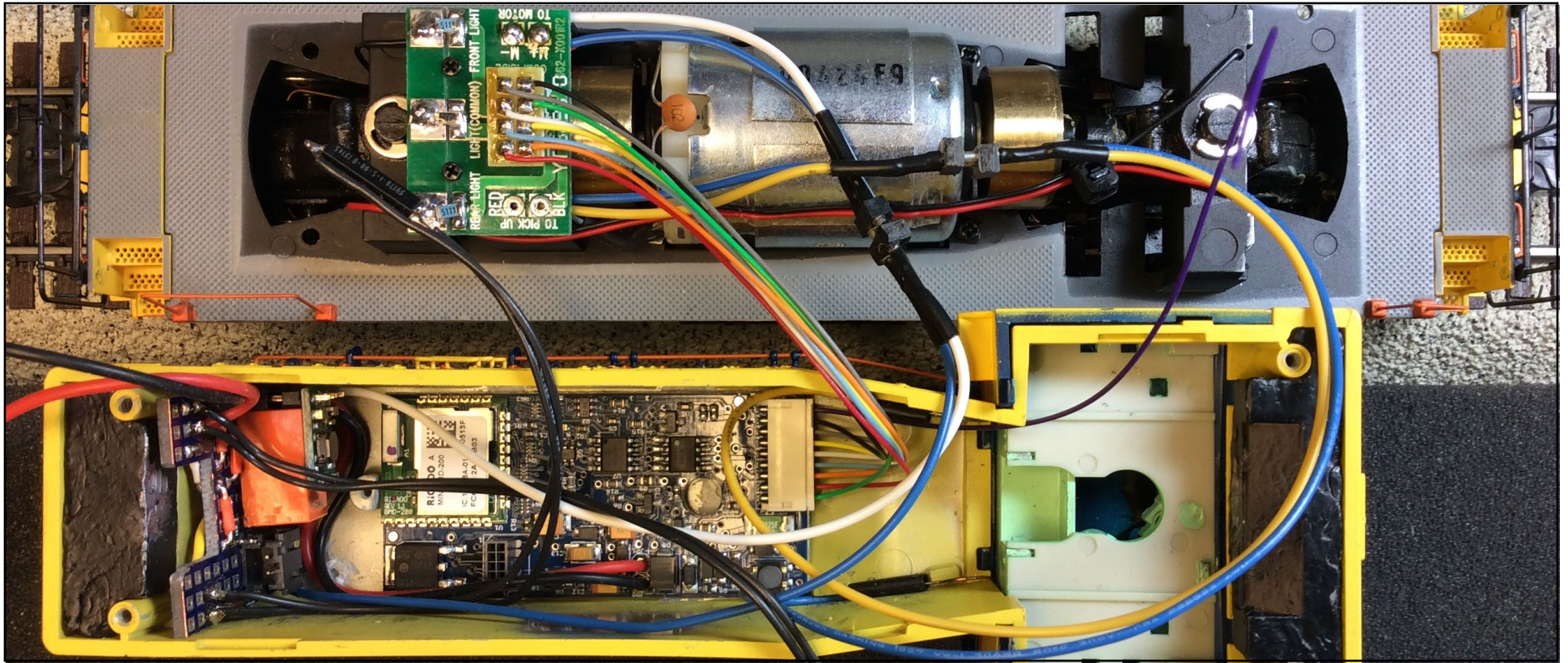
Owner:	Robert South	Battery Specs:	2S, 3.7V, 250mAh LiPo
Installer:	Robert South	Battery Charger:	iMAX B6AC @100mA
Install Date:	2014	Charge Method:	Charge port on loco
Contact Info:	robert.south.57@gmail.com	Charge Time:	
Location:	Latrobe, PA	Run Time:	
Make/Model:	American Models S-12	Sound:	No
RC Receiver:	DeiTang	Notes:	First DeiTang install. Generic batteries
RC Controller:	DeiTang		
Control Type:	Direct Wireless Handheld		



Owner:	Robert South	Battery Specs:	Tenergy 3.7V, 3S, 500mAh LiPo
Installer:	Robert South	Battery Charger:	iMax B6AC
Install Date:	2015	Charge Method:	
Contact Info:	robert.south.57@gmail.com	Charge Time:	
Location:	Latrobe, PA	Run Time:	
Make/Model:	American Flyer 4-6-2 Pacific	Sound:	No
RC Receiver:	Wireless DCC System DIY kit	Notes:	Wireless DCC System DIY kit from Garden Railways magazine. No knob problematic
RC Controller:	DIY kit		
Control Type:	Direct Wireless Handheld		



Owner:	Robert South	Battery Specs:	S-CAB 3.7V, 1P, 850mAh LiPo
Installer:	Rerailer Hobbies	Battery Charger:	BPS v3, DC Power
Install Date:	2016	Charge Method:	Thru-The-Rails
Contact Info:	rerailerhobbiesllc@gmail.com	Charge Time:	
Location:	Latrobe, PA	Run Time:	
Make/Model:	SHS 2-8-0 Consolidation	Sound:	Yes
RC Receiver:	S-CAB, Economi 100 decoder	Notes:	Rerailer Hobbies LLC's S-CAB demo locomotive
RC Controller:	S-CAB		
Control Type:	Direct Wireless Handheld		



Owner:	Robert South	Battery Specs:	3.7V, 1S, 500mAh LiPo
Installer:	Rerailer Hobbies	Battery Charger:	RHLLC kit-built w/voltmeter
Install Date:	2016	Charge Method:	Micro-USB charge port on loco
Contact Info:	rerailerhobbiesllc@gmail.com	Charge Time:	
Location:	Latrobe, PA	Run Time:	
Make/Model:	SHS SW-1	Sound:	No
RC Receiver:	BlueRail Trains Bluehorse	Notes:	Shenzhen PKCELL battery, lights replaced with warm-white LED at 1mA
RC Controller:	Iphone/Ipad-mini/Android		
Control Type:	Direct Bluetooth Smart App		





Owner:	Robert South	Battery Specs:	3.7V, 1S, 500mAh LiPo
Installer:	Robert South	Battery Charger:	RHLLC kit-built w/voltmeter
Install Date:	2015	Charge Method:	Micro-USB charge port on loco
Contact Info:	reraillerhobbiesllc@gmail.com	Charge Time:	
Location:	Latrobe, PA	Run Time:	
Make/Model:	SHS SW-8	Sound:	No
RC Receiver:	DeiTang	Notes:	Shenzhen PKCELL battery, lights replaced with warm-white LED at 1mA
RC Controller:	DeiTang		
Control Type:	Direct Wireless Handheld		



Owner:	James Schall	Battery Specs:	S-CAB 3.7V, 2P, 850mAh LiPo
Installer:	James Schall/Ken Klipple	Battery Charger:	BPS v4, DC Power
Install Date:	July, 2019	Charge Method:	Thru-The-Rails
Contact Info:	<a href="mailto:schallj@highland.net">schallj@highland.net</a>	Charge Time:	
Location:	Harriman, Tennessee	Run Time:	
Make/Model:	American Models Alco FA1	Sound:	Yes, Stanton
RC Receiver:	S-CAB/Tsunami2	Notes:	First of four conversions (1 more FA1, 2 RS-3s)
RC Controller:	S-CAB Throttle		
Control Type:	Direct Wireless Handheld		