Thermal Event 5 Year Summary

Bus #	Date	Shop	Brand Bus	Year Model	Cause	Current Bus Status
					FY 12/13	
506-0047	3/13/2013	Horry	Blue Bird Type D	2003	Rt. Rear Flat Tire	Junked
507-0258	6/5/2013	Richland	Thomas Type D	1995	Alternator Cable Chaffed	Junked
508-0091	2/1/2013	Taylors	Thomas Type C	1999	Wheel Seal Failure due to park brake being applied (Bus equipped with park brake interlock)	Junked
Total	3					
					FY 13/14	
507-2204	8/21/2013	Chester	Thomas Type D	1996	Wheel Seal Failure due to park brake being applied (Bus equipped with park brake interlock)	Junked
507-1869	8/30/2013	Richland	Thomas Type D	1995	Alternator Internal Short	Junked
Total	2					
					FY 14/15	
507-0109		Richland	Thomas Type D	1995	Engine Failure. Broken connecting rod compromised the engine block allowing engine oil to come in contact with the exhaust system	Junked
507-0800	4/21/2015	Aiken	Thomas Type D	1995	Racor fuel filter bracket failed. This allowed the filter assembly to become loose allowing the steel braded fuel line to come in contact with the positive post on the alternator	Junked
507-1650	3/15/2015	Beaufort	Thomas Type D	1995	Starter Cable	Junked
507-0422	4/6/2015	Sumter	Thomas Type D	1995	Turbo Failure (Very minor, bus is currently operating)	In-Service
Total	3					
					FY 15/16	
507-1588	9/1/2015	Beaufort	Thomas Type D	1995	Positive Starter cable came in contact with engine block.	Junked
503-7088	1/19/2016	Beaufort	International Type C	1990	Air filter housing (metal) made contact with an unshielded glow plug control solenoid. Fire was minor and bus is currently operating.	In-Service
503-6648	3/30/2016	Beaufort	International Type C	1988	Starter Cable leading to battery was unsecured and came in contact with Rt, frame rail. This caused the cable to chaff causing a positive-to-ground short.	Junked
507-1311	4/18/2016	Beaufort	Thomas Type D	1995	Manifold heater solenoid failed (top broke off) causing positive cable to come in contact with the engine intake manifold causing a positive-to-ground short.	Junked
508-0033	5/31/2016	Charleston	Thomas Type C	1999	Alternator cable was improperly secured (Broken Bracket) causing a positive-to-short ground.	Junked
508-0149	12/5/2015	Calhoun	Thomas Type C	1999	Body Solenoid in drivers area electrical panel shorted.	
Total	6					
					FY 16/17	
507-0286	10/19/2016	Fairfield	Thomas Type D	1995	Positive Battery Cable shorted where routed through battery box. There was a policy change to replace the factory grommet with a more robust PVC grommet, December 2012.	Junked
507-1521	2/10/2017	Florence	Thomas Type D	1995	Spin-on filter gasket failed causing diesel fuel to make contact with the altermator. This was a minor event and the bus was repaired and placed bak into serivce.	In-Service
	5/8/2017	Berkeley	Blue Bird Type C	1988	Accelerator had came in contact a the glow plug power solenoid	Junked
	5/19/2017	Spartanburg	Thomas Type D	1995	Rear heater motor shorted out causing the event. Bus was a total loss.	Junked
			Freightliner Type C	2003	Vehicle Caught fire while parked at the parking location. Fire was caused an alternator cable being chaffed causing a positive-to-ground short.	Junked
	4/7/2017	Johnston	Freightliner Type C	2003	Fire caused from bus above	Junked
			Thomas Type C	2008	Fire caused from bus above	
			International, Type C	2004	Fire caused from bus above	Junked
Total	(*) 5					
Thomas Type D						
Thomas Type C	(*) 8 buses damaged					
Blue Bird Type D						
International Type C						
Direct Electrical						
Brakes						
Tire						
Engine						
Indirect Electrical						