

FOR IMMEDIATE RELEASE

HighWater Innovations introduces PlaneGard 350 to safely contain Li-ion battery fires in even the largest laptop computers

Johnson City, Tennessee USA, September 14, 2014 – HighWater Innovations, the leader in the PED onboard fire containment industry, reports that customers wanted a larger version of our PED Fire Containment Case to handle laptops with screens up to 17" diagonal. Since the recent introduction of PlaneGard 250, most of our customers have always requested smaller and lighter to fit into the limited storage space on their business jets. But there are those business passengers than just cannot work on a small computer screen and that is where PlaneGard 350 will save the day. Imagine, it's just another routine flight cruising over oceanic airspace en route to Asia at 41,000 feet with a quiet cabin and several passengers working on laptop computers and updating smartphones. Suddenly, there's a whiff of pungent smoke followed almost instantly by a "pop" sound as one of the laptop computers erupts with a wave of noxious smoke and toxic fumes. The smoke and fumes begin quickly dispersing throughout the aircraft and the passengers start to panic. Within about a minute the fuming laptop bursts into flames. You are now faced with a runaway Lithium-Ion (Li-ion) battery fire and have no options for landing.



Sound farfetched? Think again. There have been over 132 confirmed aircraft related personal electronic device (PED) battery incidents over the last ten years. The rate of these incidents is increasing as the number of PEDs (laptop computers, smart phones, Tablet PC's, e-readers, MP3 players, etc.) passengers carry multiplies. The airline industry recently estimated that since the typical passenger carries multiple PEDs, they bring an average of 4.5 Li-ion cells onto each flight. (NOTE: a typical smart phone contains 1 Li-ion cell, a tablet PC has 2 cells, a laptop computer contains 6-10 cells, and an e-reader contains 2 cells.)