

FOR IMMEDIATE RELEASE



INVICTA

EDGE OF SPACE

WATCH PROJECT



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## A Dream Mission, **Accomplished!**

On December 8th, 2012 Invicta Watch made history by launching 36 timepieces to the upper reaches of the stratosphere. Working with physicist Benjamin Longmier- PhD in Plasma Physics from the University of Wisconsin and Founder of Project Aether, the watches journeyed over 100,000 ft (30km) meeting the curvature of the Earth, confronting temperatures of -64F and travelling at 773 MPH. At this altitude, the pressure, thermal, and radiation environment is nearly identical to that of outer-space.

In these atmospheres where the air pressure is 1% of what it is at sea level, standard equipment (i.e. cameras) are destroyed. To survive in this alien environment, the equipment that carried and tracked the watches either had to be meticulously modified or built from scratch by Longmier and his team. To survive shifts in temperature, altitudes, speed and the overall atmospheric nature, silicon and argon gas were utilized to stabilize the cameras. Because standard GPS systems cannot survive above 60,000 ft, the GPS units used for this launch were custom-made by Longmier and his team. For this process the team utilized a special blend of carbon fiber so that the system would survive, track and detect radar. While hitting this high altitude, the watches were thermally soaked for nearly 3 hours in these extreme conditions. Due to the near-vacuum environment, the watches returned to Earth at supersonic speeds of Mach 1.

Because of their naturally robust construction, unlike the equipment carrying them, the set of 36 Invicta's were launched, unmodified, and survived this extreme environment. Our watches reached a maximum altitude of, 114,537 ft and the longest travel distance of a recovered balloon from the launch site was 220 miles and the longest time travelled, clocked in at 3:34 hrs:mins. 24 of the 36 watches have been recovered thus far. **To view the full documentary of the, Invicta Edge of Space Project, please visit: [www.invictawatch.com](http://www.invictawatch.com).**



1 Invicta Way (3069 Taft Street) Hollywood Florida, 33021 . 954-921-2444 . [invictawatch.com/pr](http://invictawatch.com/pr)