

BRS Aerospace



E-FLIGHT FORUM
Beijing, China
November 8-10, 2017

Overview

- History of BRS Aerospace
 - ✓ Boris Popov Aircraft Structural Failure
 - ✓ Beginning Years
 - ✓ Ballistics, zero porosity, slider, pressure packing
 - ✓ 36 Year History
 - ✓ 30,000+ systems installed
- Market Base
 - ✓ Sport Aviation
 - ✓ Certified Aircraft
 - ✓ Military Trainers
 - ✓ Unmanned Aircraft
 - ✓ Spin Recovery Parachute Systems
 - ✓ VTOL Multicopter manned Aircraft
 - ✓ VTOL Multicopter unmanned Aircraft



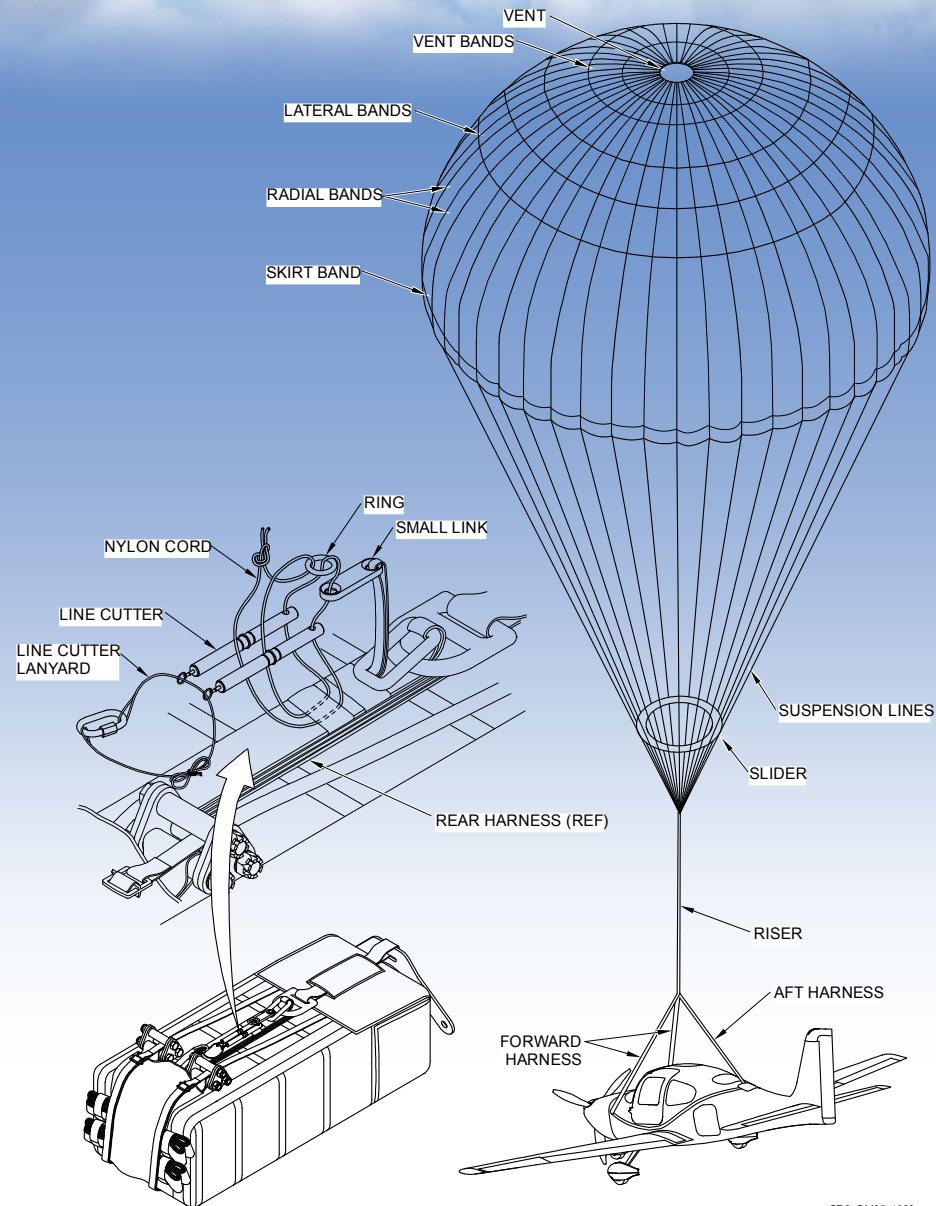
Expanding Aircraft Base

Over 400 different design installations of Whole Airframe Emergency Recovery Parachutes, Spin Recovery Systems and Flight Termination Systems.

- Numerous European and US Ultra-Light and Experimental aircraft (Lancair, Carbon Cub, Kitfox, Glasair, Flight Design, Rans, RV7/9, Kolb, Zenair, Quicksilver...)
- 17 Light Sport Aircraft (CTSW, CTLS, Piper Sport Cruiser, Cessna Skycatcher, Bristell, FK-9, Icon A5...)
- 7 General Aviation Part 23 Certified aircraft (Cessna C-150, C-152, C-172, C-182, Symphony, Cirrus SR-20, SR-22)
- Aerospace (NASA, EADS, Airbus, Boeing, Lockheed, General Atomics)
- Military (USA, SPAIN, INDIA, TURKEY, ISRAEL, SWITZERLAND)
- Numerous Unmanned Air Vehicles



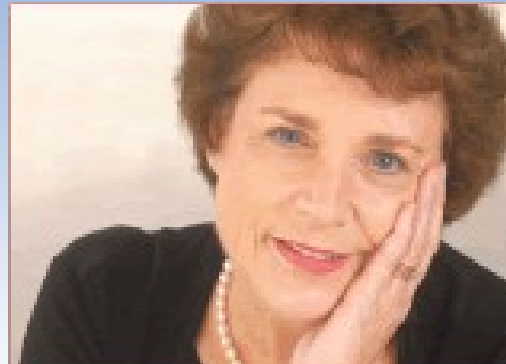
The parachute assembly



BRS extraction sequence



374 Lives Saved To Date...



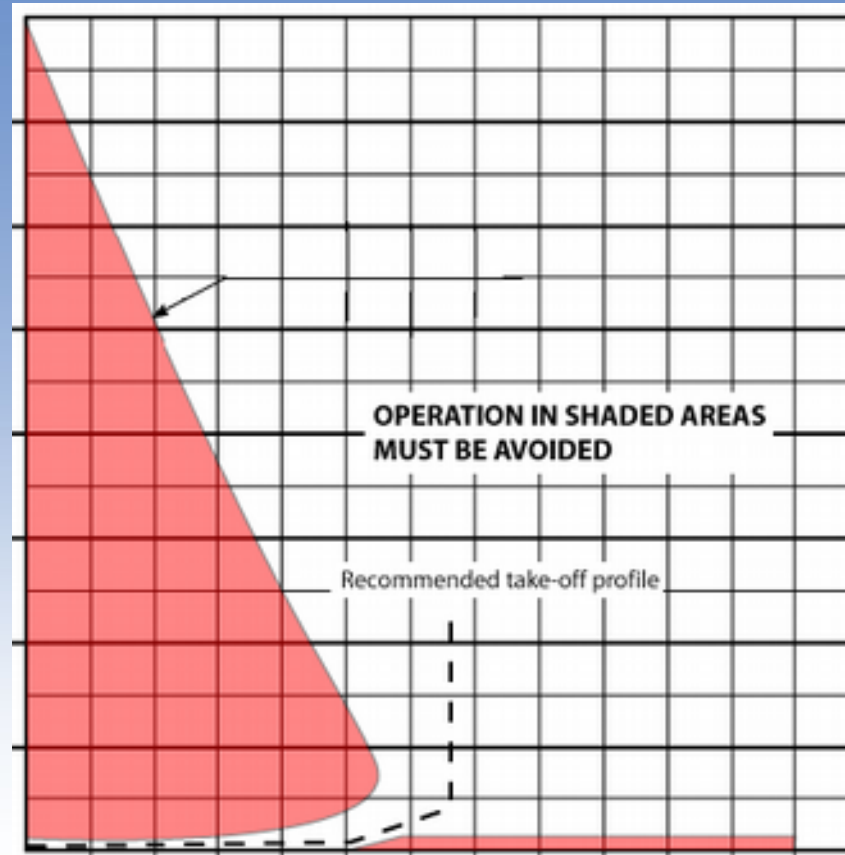
One of every 120 systems installed gets activated....

Electric propulsion/aircraft recovery issues

- “First impressions of a new technology defines its fate”. 20/20TV show, First Tesla auto fire..
- Imagine the negative media coverage when first electric VTOL crashes in an residential neighborhood..
- Reliability higher with electric? Loss of control will remain. Higher % of Gas power engine failures, but electric a/c burn and crash issue concerns.
- Isolating rocket ignitors from stray voltage? Hybrid Mechanical/ Electrical activation.
- VTOL; coffin corner TBD
- Easier integration of electronic/autonomous activation with electric propulsion.

VTOL Height/Velocity Deployment Curve

AGL



Airspeed

BRS Aerospace

- If you need a parachute, and you don't have one,
 - Will you EVER need one again?

BRS Aerospace

Thank you!

Enrique Dillon
President

BRS Aerospace

Phone: +1-305-815-8288

Email: edillon@brsaerospace.com

