

Air Safety Week

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Life Saving Smart Recovery System

Aviation Safety Resources (ASR), a pioneer in life-saving emergency-landing systems for small aircraft, has filed a patent for a sensor-based Smart Recovery System (SRS) that promises to bring a new level of safety to owners of private aircraft, small commercial jets and helicopters. Applying sensor systems currently available in commercial and military aircraft to general aviation aircraft, the Smart Recovery System detects the environment in which the aircraft is operating and makes decisions based on monitoring data. The system immediately evaluates an emergency situation, identifies the devices and systems available on the aircraft, and then automatically deploys the appropriate device and/or system in the safest manner unless overridden by the pilot. ASR President Dario Manfredi said "our Smart Recovery System will save lives by bringing a whole new level of automation, sophistication and systems integration to general aviation aircraft." Among the devices and systems deployed by the Smart Recovery System to rectify an in-flight emergency are fire suppression agents, fire extinguisher systems, flight control systems, rocket members, airbags and ballistic parachute recovery systems such as the company's patented TriChute Landing System. http://www.aviationtoday.com/asw/topstories/Life-Saving-Smart-Recovery-System_30337.html