

PARAZERO SAFEAIR ACHIEVES COMPLIANCE WITH NEW ASTM STANDARD OPENING THE SKIES FOR FLIGHT OVER PEOPLE

- ParaZero's compliance with new industry standard ASTM F3322-18 opens the door for commercial waivers for drone flights over people
- ParaZero's SafeAir Phantom is the only safety system in the world to comply with the new ASTM standard for the world's bestselling drone – the DJI Phantom 4
- ASTM F3322 specifies requirements for the design, manufacturing and testing of Small Unmanned Aircraft System (sUAS) parachutes
- A Phantom 4 equipped with a SafeAir Phantom is expected to be an acceptable means of compliance with the requirements for flight over people in the US Federal Aviation Administration's (FAA) recently published draft rule.

Drone safety systems company, **ParaZero Limited (ASX: PRZ) (ParaZero or Company)**, has achieved ASTM compliance for its SafeAir Phantom System. This achievement is expected to enable operational waivers for flight over people for commercial UAS operators.

The SafeAir Phantom System is a smart parachute system that monitors UAS flight in real time, identifies critical failures and autonomously triggers a parachute, a flight termination system and an audio-warning buzzer.

ASTM International is one of the largest voluntary standards developing organisations in the world. In September, it released ASTM standard F3322-18, which defines the requirements for the design, manufacturing and testing of sUAS parachute systems for flight over people. It was created by an industry working group comprising the FAA, ParaZero, DJI, Amazon and others.

ParaZero tested and demonstrated the reliability and effectiveness of its system to the Standard Institution of Israel (SII), completing 45 successful aerial deployments in various failure scenarios.

The certificate of compliance, including the SII testing validation report, are critical components of a waiver application. These will enable commercial operators globally to expand their use of DJI Phantom 4 drones, the world's bestselling drone, for more efficient operations in areas that were previously restricted.

The FAA has already indicated that parachute systems that comply with F3322-18 can be used as risk mitigation as part of waiver applications. ParaZero's granted waiver with US-based operator, Botlink, included testing and data based on the standard.

"DJI is pleased that its drones are increasingly being used as a platform for safety solutions in advanced operations, such as flight over people," said Brendan Schulman, DJI Vice President of Policy & Legal Affairs. "As regulators worldwide develop the framework for beneficial drone uses, DJI drones, using innovative solutions from companies like ParaZero, are positioned to expand the scope of vital applications such as search and rescue, newsgathering, and public safety."

"Development and compliance with the ASTM standard is at the core of ParaZero's vision" said Eden Attias, CEO of ParaZero. "To comply with the standard, we pushed the system to its limit and tested every imaginable failure scenario. ParaZero will continue expanding the safe and legal flight envelope of UAS operators by testing and certifying our safety systems for other DJI products already on the market."

Michael Huerta, Former FAA Administrator and member of ParaZero's Advisory Board added "ParaZero's SafeAir Systems have already been proven to mitigate risk in real-life scenarios. Certification based on the standard will allow regulators to approve operations far more easily going forward, which is expected to facilitate further growth in the use of commercial UAS's."

ASTM compliance creates potential for new revenue stream

Given ParaZero's compliance with ASTM F3322-18, and the Company's active participation in worldwide regulatory bodies such as FAA and EASA, it has developed the know-how of the regulatory process and internal procedures to ensure waiver success. As such, the Company is exploring the potential to create a service offering that expedites and simplifies the approval process for flights over people for commercial operators. Further information will be provided on this in due course.

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About ParaZero

ParaZero (www.parazero.com) was founded in 2014 with the vision to enable the global drone industry to realise its greatest potential. ParaZero offers smart and intuitive solutions for commercial and professional consumer drone markets to enable drone industry growth by designing, developing and providing best-in-class autonomous safety systems.