

**NEW INTERNATIONAL STANDARD FOR SMALL UAS PARACHUTES
PUBLISHED BY ASTM**

- **PROVIDES THE REQUIREMENTS FOR TESTING AND DOCUMENT VALIDATION FOR PARACHUTE RECOVERY SYSTEMS (PRS) THAT MITIGATE SOME OF THE RISKS OF UAS OPERATIONS**
- **WILL HELP UAS OPERATORS RECEIVE APPROVAL FROM CIVIL AVIATION AUTHORITIES TO FLY SMALL UAS OVER PEOPLE**
- **STANDARD WILL BE PUBLISHED AS ASTM STANDARD F3322-18**

Drone safety solutions company **ParaZero Limited (ASX: PRZ) (ParaZero or Company)** is pleased to announce the publication of a new international standard for small Unmanned Aerial Systems (sUAS) parachute recovery systems by American Society for Testing and Materials ("**ASTM**").

ASTM is an international standards organisation that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services, with over 12,000 ASTM standards operating globally in more than 140 countries.

The new ASTM standard, also known as F3322, defines the requirements for the design, manufacturing and testing of sUAS parachute recovery systems. Amongst other things, the standard requires an autonomous triggering system to detect failures and deploy the parachute without relying on the RPIC (remote-pilot-in-command) as well as a flight termination system to stop the motors from spinning. To meet the standard, parachute systems will need to pass a series of aerial deployments (45 for multi-rotors) through which they need to prove the effectiveness of the system in the sUAS's full flight envelope and in various failure scenarios.

The standard applies to multi-rotor, single-rotor, hybrid, vertical take-off/landing (VTOL), or fixed-wing drones. ParaZero was a member of the standard development working group along with the Federal Aviation Authority (FAA), Amazon, DJI and other prominent industry players. ParaZero's systems intend to comply with the new standard requirements. This standard is one step further towards setting mandatory requirements requiring the use of a parachute recovery system in order to fly over people.

Commenting on the above announcement, ParaZero's CEO, Eden Attias, said: "I welcome the publication of the ASTM Standard F3322 and of ParaZero's active participation in the development of the new standard. The publication of F3322 will pave the path for safe and legal flight over people. This is an important step for the drone industry and for ParaZero providing best in class drone safety systems that enables drone operations everywhere, safely.

"I look forward to notifying the market on our further successes".

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About ParaZero

ParaZero (www.parazero.com) was founded in 2014 to accomplish a vision to enable the drone industry to realise its greatest potential. ParaZero offers a smart and intuitive solution to enable drone industry growth by designing, developing and providing best-in-class autonomous safety systems for commercial drones.