



OPENWORKS

PARACHUTE



SP40 PROJECTILE



CAPTURED DRONE



SP10 AND SP40

SKYWALL NET CAPTURE PROJECTILES

KEY FEATURES:

- Physical Capture
- Re-useable
- Fire and Forget – not susceptible to interference
- No batteries required

The SP range of intelligent projectiles deliver a specifically designed ‘drone entangling’ net to the target drone. They are programmed and propelled by the SkyWall100 and SkyWall300 compressed-air-powered launching systems. The SP40 projectile includes a parachute that is deployed to control the descent of the captured drone.

The full range of SkyWall projectiles is designed to be reset, and used multiple times, to ensure that the through life cost is minimised.

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TRAINING

The SP01 projectile is a training round that allows new operators to learn how to use SkyWall systems in a cost effective way. It can be configured to simulate the SP10 or SP40 SkyWall projectiles.



NET ONLY

The SP10 is a compact projectile containing a large specifically designed net that incapacitates a drone. The use of a large net, accurately deployed, gives a very high confidence level that a UAS will be captured.



NET AND PARACHUTE

The SP40 delivers the same style of drone defeat net as the SP10 but also deploys a parachute, which controls the descent of the now seized UAS, to minimise collateral damage to both the drone and the surrounding area. If the drone eludes capture, the parachute deploys regardless and controls the safe descent of the tethered projectile components to minimise the risk of collateral damage.

PERFORMANCE

Weight:	780g (1.7lbs)
Composite drone capture net:	8 sq.m (85 sq.ft) coverage at point of capture
Environmental:	-5°C to +50°C Operating Temperature -20°C to +71°C Storage Temperature (see operation and support manual for storage preparation requirements) IP54 Rated
Parachute descent control:	Example: DJI Phantom 3 drop speed of 3.3m/s (7.4mph)
Safety:	The energy used to deploy the net and parachute is only received when the projectile is loaded into a SkyWall100 launcher. It dissipates quickly if removed from the launcher to ensure safe handling and transport All components remain tethered together during deployment of the net and parachute.
Cost:	The projectile is designed to be Re-useable to ensure a low 'cost per capture'

DIMENSIONS



Due to the complexity of the on-board counter measures, projectile resetting is carried out at an approved OpenWorks service centre.

Other counter measures to suit a specific scenario can also be integrated, such as audible and visual alarms and tamper proof marking systems.