“Silent Arrow” compact airdrop drone
U.S. aviation firm YEC has unveiled the Silent Arrow cargo drone – a compact aircraft kit which can deliver up to 740kg of supplies

SILENT ARROW ASSEMBLY

1. Majority of aircraft comes stowed in large crate

2. Lift off heavy lid – wings folded and attached to underside

3. Rotate 180°

4. Cargo volume: 0.75m² (750 litres)

5. Attach tail

Fill container with battlefield supplies or disaster relief aid – up to 740kg

Reattach upturned lid and latch side clasps again

Aeroplane or helicopter lifts drone to 460m-7,600m

Once released, can glide silently to destination, up to 60km away

Flightpath programmed with Mission Planner software

Four spring-deployed wings open

Unit cost depends on volume purchased

Source: Yates ElectroSpace Corporation