

Shadow R.1 [MC-12W Liberty, King Air 350ER-ISR] - 2023, Miysis DIRCM

United Kingdom

Type: Area Surveillance

Min Speed: 180 kt

Max Speed: 300 kt

Commissioned: 2023

Length: 14.2 m

Wingspan: 17.7 m

Height: 4.37 m

Crew: 3

Empty Weight: 4321 kg

Max Weight: 7430 kg

Max Payload: 2530 kg

Propulsion: 2x PT6A-60A

Sensors / EW: - AN/APY-8 Lynx - Radar, Radar, Surface Search, Short-Range, Max range: 83.3 km

- AN/AAS-52 MTS [Laser Designator] - (AN/AAS-53) Laser Designator, Laser Target Designator & Ranger (LTD/R),
Max range: 27.8 km

- AN/AAS-52 MTS [IR/EO] - (AN/AAS-53) Infrared, Infrared, Target Tracking and Identification Camera, Max range:
185.2 km

- Miysis DIRCM - (AN/AAS-53) ECM, IRCM, Max range: 0 km