



OFFSHORE AVIATION **OA-2E** PHOENIX



AIRCRAFT SPECIFICATION

OA-2E PHOENIX

TARGET SYSTEM

The Offshore Aviation OA-2E Phoenix is an expendable gas powered Group II UAS . The wingspan is 12 feet, which gives the Phoenix the capability to carry over 3 hours of fuel while carrying 17.6 lbs of payload.

The quick-detach design makes it easy to assemble and disassemble. The airframe utilizes a conventional landing gear configuration, which provides stability during take-off or landing.

The complementary boom design allows for an unprecedented control during all phases of flight.

FEATURES:

- Extremely tough durable design
- Redundancy throughout
- Weather resistant
- High resilience in harsh conditions
- Removable wings for transport
- Fully autonomous operation
- Flight time in excess of 3 hours
- Flexible specification
- Custom configurations available

PLUS tailored builds to match exacting or project-specific needs

GAS POWERED

Group II Fixed Wing UAS

Wingspan: 11 ft 8 inches, Length: 8 ft 2 inches

Empty weight: 28.5 lbs, Max Take-off weight: 62 lbs

Speed: Min 25 Kts, Cruise 60 Kts, Max 100 Kts

Flight Time: 3.5 hours

Payload capacity: 17.6 lbs

With over a 3 hour endurance, the Phoenix can perform a wide variety of mission sets.

The aircraft can be outfitted with IR, thermal, or spectral sensors for ISR mission requirements.

It can also be tracked, engaged, and destroyed by CUAS systems.



OA-2PT PHOENIX TRAINER

TARGET SYSTEM TRAINER

The Offshore Aviation OA-2E Phoenix Trainer (PT) is a scale version of the 12 foot OA-2E. The wingspan is 8.5 feet, which gives the Phoenix Trainer the capability to carry over 2 hours of fuel while carrying 8.8 lbs of payload.

The quick-detach design makes it easy to assemble and disassemble. The airframe utilizes a conventional landing gear configuration, which provides stability during take-off or landing.

The complementary boom design allows for an unprecedented control during all phases of flight.

The OA-2PT is a perfect transition training platform for the OA-2E

FEATURES:

- Extremely tough durable design
- Redundancy throughout
- Weather resistant
- High resilience in harsh conditions
- Removable wings for transport
- Fully autonomous operation
- Flight time in excess of 3 hours
- Flexible specification
- Custom configurations available

PLUS tailored builds to match exacting or project-specific needs

GAS POWERED

Wingspan: 8.5 feet

Length: 6.75 feet

Wing Area: 88dm²

Empty weight: 14.3 lbs

Engine: 20-35cc gasoline engine

Propeller: 19 * 8 propeller thrust

Maximum Takeoff Weight: 33 lbs

Payload: 8.8 lbs

Cruising speed: 75 mph

Stall speed: 21.75 mph

Flight time: 2 hours

With a 2 hour endurance, the Phoenix Trainer can perform a wide variety of mission sets.

The aircraft can be outfitted with IR, thermal, or spectral sensors for ISR mission requirements.

It can also be tracked, engaged, and destroyed by CUAS systems just like its larger namesake.





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