



heron

**A Medium Altitude Long Endurance (MALE)
UAS for Strategic and Tactical Missions**



Main Features and Capabilities:

- Fully redundant, state-of-the art avionics
- Multiple operational configurations
- Simultaneous multi-sensor use of EO/IR/LFR, SAR/GMTI, Maritime Patrol Radar, COMINT, ELINT, Voice Comm Relay, and Customer Provided Payloads
- Line of Sight and Beyond Line of Sight with SATCOM
- Adverse weather capability including anti-icing system
- Fully retractable landing gear
- Available Satellite Communication for extended ranges (SATCOM)
- Two proven simultaneous Automatic Takeoff and Landing (ATOL) systems for maximal safety
- Over 10 years of service with a proven record of safety, reliability, and ease of operations
- Only UAV Maritime Patrol Radar system in operational use

Performance:

- Mission Radius: Over 300 miles / 260 nm
- Endurance: 20 - 45 hours
- Ceiling: Greater than 30,000 Feet
- Loiter Speed: 60 - 80 KTAS
- Maximum Speed: 120 KTAS

Technical Data:

- Max. Takeoff Weight: 2750 lb / 1250 kg
- Max. Payload Weight: 550 lb / 250 kg
- Wingspan: 54.5 ft / 16.6 m

Heron

The Heron I is a Medium Altitude Long Endurance (MALE) unmanned aerial system (UAS) with superior surveillance and reconnaissance capabilities. The Heron has over 30 hours endurance, up to a 30,000 foot altitude and is the only UAS on the market with simultaneous air-to-air and air-to-surface tracking. With a fully redundant flight control system, Automatic Takeoff and Landing (ATOL) and Autonomous return home if lost link, the Heron boasts an impeccable safety record.

The Heron is currently flown with the MOSP 3000 EO/IR sensor and has a 550-pound multi-sensor payload ability. It





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The Heron is currently flown with the MOSP 3000 EO/IR sensor and has a 550-pound multi-sensor payload ability. It uses either an ELTA 2022 Maritime Patrol Radar (MPR) or an ELTA 2055 Synthetic Aperture Radar (SAR).

Product Info

Heron Specs

[Download PDF \(http://starkaerospace.com/wp-content/uploads/2014/07/Heron-Brochure.pdf\)](http://starkaerospace.com/wp-content/uploads/2014/07/Heron-Brochure.pdf)

Features:

- Fully redundant, state-of-the art avionics
- Multiple operational configurations
- Simultaneous multi-sensor use of EO/IR/LFR, SAR/GMTI, Maritime Patrol Radar, COMINT, ELINT, Voice Comm Relay and
- Customer Provided Payloads
- Line of Sight and Beyond Line of Sight with SATCOM
- Adverse weather capability including anti-icing system
- Fully retractable landing gear
- Available Satellite Communication for extended ranges (SATCOM)



- Two proven simultaneous Automatic Takeoff and Landing (ATOL) systems for maximal safety
- Over 10 years of service with a proven record of safety, reliability, and ease of operations
- Only UAV Maritime Patrol Radar system in operational use

Performance:

- Mission Radius Over 300 miles (260 nm)
- Endurance of 20 – 45 hours
- Ceiling Greater than 30,000 Feet
- Loiter Speed of 60 – 80 KTAS
- Maximum Speed of 120 KTAS

Technical Data:

- Maximum Takeoff Weight of 2750 lb. (1250 kg)
- Maximum Payload Weight of 550 lb (250 kg)
- Wingspan of 54.5 foot (16.6 m)

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Contact Info

At Stark, we know that to have an exceptional product, you have to have an exceptional team. We have brought together a group of individuals who have a vast amount of experience in the aerospace and defense industries, the skills to create a superior product, and the commitment to provide products and services that protect our armed forces.

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Stark Aerospace is located in Columbus, Mississippi, near the [Golden Triangle Regional Airport](#) at the [GTR Global Industrial Aerospace Park](#).

Directions:

- To get the Stark facility from the airport, exit the GTR Airport, turn left onto Airport Road, and turn left at the light (coming from east) onto the highway 22. Stay on the airport road and take a right and turn right at the second stoplight onto Charleigh D. Ford, Jr. Drive. The Stark facility will be on your left.
- For those traveling to Stark, regional air transportation is provided to Golden Triangle Regional Airport by Delta Airlines/ASA.

Local Accommodations:

- [Courtyard Marriott](#), Columbus, MS: (662) 245-1540
- [Fairfield by Marriott](#), Columbus, MS: (662) 241-1990
- [Hilton Garden Inn](#), Starkville, MS: (662) 615-9664
- [Wingate by Wyndham](#), Columbus, MS: (662) 327-9999

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