U.S.ASIAN AEROSERVICES

Tomahawk

Class leading performance in an affordable group II UAS

Tomahawk is an unmanned airborne system designed for government or commercial use. In its Tactical configuration Tomahawk is a category II ISR platform capable of slow loitering flight for an extended time providing a persistent presence in the region of interest or performing reconnaissance over large areas and significant distances.

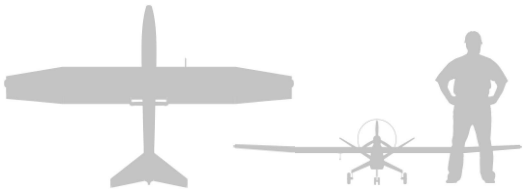
SYSTEM CHARACTERISTICS

Range: 90 Kilometers.
Extend over 100.

Duration: 5 to 7 Hours

Weight: 18 Kg (40Lbs) for flight

Dimensions:
Span: 3.5 M. 140"
Length: 2.36 M . 93"



Actual LWIR Snap-Shot

SPECIFICATIONS

STANDARD PAYLOAD	EO-Hi-Resolution Video. Long Range 50X ZOOM LWIR INFRARED
PAYLOAD CAPACITY	2 KILOS (4.4 Lbs.)
ALTITUDE	1500 METERS
SPEED	64 Kph CRUISE
RANGE	100 Km
LOITER	.5 hour
GROUND CONTROL STATION.	AC PLUG OR DC. 6 HOUR BATT. X2 = 12 Hr.
AUTOMATIC TAKEOFF AUTOMATIC LANDING	PAVED OR DIRT ROAD STOL PERFORMANCE

KEY FEATURES

- Automatic Takeoff and Land.
- Mouse "Point-and-Click" Waypoint navigation in flight.
- 10" GCS Pilot navigation screen
- 15" GCS Map and Systems monitoring screen
- 17" Observers camera screen

Camera: Joystick Controlled

- High Speed Target Tracking
- LWIR for night or low light operations
- Attitude Control always keeps the horizon level
- Object tracking mode. Scene steering mode (keeps a stationary object centered in the screen)
- GEO-Lock mode. Locks on a GPS point.
- Scale on zoom to define distances in display

U.S.ASIAN AEROSERVICES

Tomahawk

Class leading performance in an affordable group II UAS

Tomahawk is an airborne platform capable of providing substantial Geophysics and Agricultural data as well as Forest Fire detection over large areas and significant distances. It's flight profile allows for greater data detail than most fixed wing drones and significantly more area coverage than most rotary wing copter type drones.

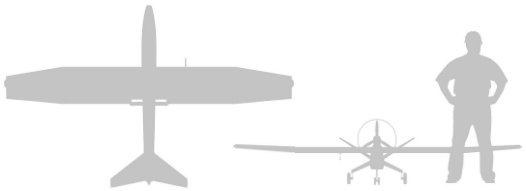
SYSTEM CHARACTERISTICS

Range: 90 Kilometers.
Extend to over 100.

Duration: 5 to 7 Hours

Weight: 18 Kg (40Lbs) for flight

Dimensions:
Span: 3.5 M. 140"
Length: 2.36 M . 93"



Ground Survey Lidar Unit

SPECIFICATIONS

STANDARD PAYLOAD	EO-Hi-Resolution Video. Long Range 50X ZOOM LWIR INFRARED
PAYLOAD CAPACITY	2 KILOS (4.4 Lbs.)
ALTITUDE	1500 METERS
SPEED	64 Kph CRUISE
RANGE	100 Km
LOITER	.5 hour
GROUND CONTROL STATION.	AC PLUG OR DC. 6 HOUR BATT. X2 = 12 Hr.
AUTOMATIC TAKEOFF AUTOMATIC LANDING	PAVED OR DIRT ROAD STOL PERFORMANCE

KEY FEATURES

- Automatic Takeoff and Land.
- Mouse "Point-and-Click" Flight Control
- 10" GCS Pilot navigation screen
- 15" GCS Map and Systems monitoring screen
- 17" Observers camera screen camera:
- Joystick controlled observer camera
- High Density Ground Topography Mapping
- Scan Beam oscillates providing accurate scans of deep canyons and steep hills.
- Corridor Mapping: Power Line, Highway, Railway Track and Pipeline Inspection
- Topography and coastal mapping, surveliance
- Surveying of Urban Environments
- Archeology and Cultural Heritage Documentation
- Agriculture & Forestry
- LWIR for Fire and Hot Spot Detection
- Ground Control Station included

US Asian Aero services. Co., Ltd. Craig@USAsianAeroservices.com. (T) +66 8477 20117