



## GeoSwift Mapper Fixed-Wing Drone

The GeoSwift Mapper provides the ability to capture millions of data points in one flight. GeoSwift Mapper's exclusive intuitive mission planning software is an integrated system for collecting data over geography that is topically diverse with confidence. There is no need to reserve manned aircraft or land-based vehicle, thus reducing equipment and pilot costs and scheduling delays.

The GeoSwift Mapper can be programmed in minutes to calculate the area under review and then begin collecting the data for immediate analysis and decision making.

Accuracy of flight data following Geotag locations significantly reduce errors.



### FEATURES

- **Ready-to-fly turnkey flight system**
- **Each photograph is time and GPS tagged**
- **Intuitive SwiftStation Mission Planning Software**
- **Hand launchable with automated landing functionality**
- **Rugged and resilient airframe**
- **Durable enough to withstand accidental groundings**
- **Reliable in inclement conditions**

### APPLICATIONS

The GeoSwift Mapper is ideal for survey and mapping applications offering a fully automated system with outstanding image quality and photogrammetric accuracy. Professionals use the GeoSwift Mapper to produce detailed modeling and site topography. Data collected is reliable, accurate and detailed. The GeoSwift Mapper is able to access areas that might be dangerous for human access. Challenging terrain is safely and quickly accessed with a drone.

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# GeoSwift Mapper

## Fixed-Wing Drone

### SPECIFICATIONS

#### Aircraft Specifications

Platform Type:	Fixed Wing
Wing Span:	67.5"
Operating Temperature:	-5 to 100°F
Gross Weight:	6 lbs.
Maximum Indicated Airspeed:	20 m/s
Maximum Operational Winds:	25 mph (11 m/s)
Maximum Landing Crosswind:	10 mph (4 m/s)
Stall Speed:	11 m/s
Maximum Rate of Climb:	4.6 m/s
Best Glide Speed:	13 m/s
Operational Ceiling:	15,000' MSL
Payload:	RGB or Multispectral
Supported Flight Battery:	8000mAh LiPO
Maximum Power Consumption:	135 Watts
Maximum Flight Time:	1 hour

#### SwiftStation Specifications

Operating System:	SwiftStation Flight Planning Software Touch Screen Android Tablet, 9.7"
Weight:	2 lbs.
Dimensions:	12.5" x 10" x 2"
Run Time:	4+ Hours
Communication Frequency:	900mhz
Manual R/C Handset:	Futaba 6-Channel Transmitter

### KIT INCLUDES

- GeoSwift Mapper Aircraft
- Choice of RGB or Multispectral
- Camera SD Card/Autopilot SD Card
- Aircraft Battery 8000mAh LiPO
- SwiftStation with Case
- R/C Handset
- Performance LiPO Charger
- Tool Kit
- Field Tripod
- Protective Case



SwiftStation with Touch Screen Tablet  
and 6-Channel Transmitter



Available Flight Training

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