



aeroscout
unmanned aircraft technology

**10% DISCOUNT
FOR UNIVERSITIES**

Promotion 2012

Complete Scout B1-100 UAV System



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Our UAV Product

The Scout B1-100 UAV helicopter

has been recognized as one of the leading autonomous helicopter systems (UAV) for various applications and has shown its outstanding capabilities in multiple countries and projects such as high-accuracy 3D aerial laser mapping⁽¹⁾, autonomous 3D aerial magnetic scanning⁽²⁾, and aerial inspection.

The Scout B1-100 UAV system consists of an industrial-grade autonomously flying helicopter with a customer payload⁽³⁾ up to 18 kg and a flight endurance⁽⁴⁾ up to 90 min.

The complete flight mission can be pre-programmed from lift-off, hovering, cruising to landing with high positioning accuracy.

Various safety features such as autonomous homing and automatic landing in case of link-loss as well as redundant backup links are part of the standard UAV system.



(1) as documented in the EU research project at ETH Zurich 2006-2010, www.bacs.ethz.ch

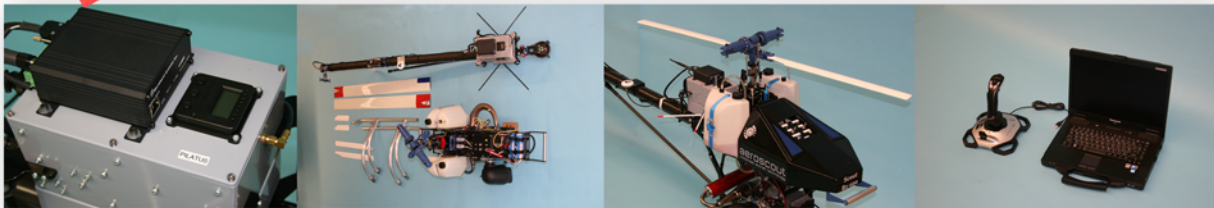
(2) as shown in joint projects with Mobile Geophysical Technologies (MGT), www.mgt-geo.com

(3) Total payload = equipment + electronics + fuel = 30kg.

(4) The flight endurance has been tested at 500m AMSL in hover flight out of ground effect.

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Our Offer To You



Complete Scout B1-100 UAV system

This promotion offers a complete Scout B1-100 UAV system ready to fly on fully automatic mode. For universities & research institutions 10% discount on the official system pricing is provided.

Our offer to you includes:

- 1x flight ready Scout B1-100 UAV helicopter as described in our brochure
- 1x fully integrated autonomous flight control system with INS/GPS navigation unit
- 1x fully operable ground control station (Panasonic toughbook CF-52 with weGCS software)
- 1x full-duplex data communication system between helicopter and ground control station
- 1x transportation set fulfilling international shipping standards as described in our brochure
- 1x six industrial-grade Volz servos integrated and programmed for the Scout B1-100 UAV
- 1x redundant LiPo power supply with continuous voltage & current monitoring
- 1x handover after successful system demonstration
- 1x Futaba 2.4GHz T-12FG radio sender for manual flight control
- 1x safety upgrade with TWIN system for redundant backup link
- 1x laboratory power supply (12V/25A) and LiPo battery charger and accessories
- 1x spare parts and maintenance tools
- 1x Scout B1-100 UAV system user, operation, and maintenance manuals

The following options will be available at customer request:

- + differential GPS for higher navigation & control accuracy
- + broadband data modem with Ethernet port for network configuration
- + field-proven power generator 220V
- + customized payload integration such as camera gimbals (daylight, night vision, etc)
- + crew training and crew examination (Aeroscout UAV exam)

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Our Guidelines

Our general terms and conditions:

This promotion is valid during 2012. If you are interested in this promotion you are requested to send your full affiliation by email to info@aeroscout.ch.

The payment conditions are 50% pre-payment and 50% after system delivery in Lucerne Switzerland. The Scout B1-100 UAV system will be delivered within three months after receipt of pre-payment.

The General Terms and Conditions of Sales "AGB Aeroscout GmbH 20110121 english.pdf" remain valid. Only countries and customers can apply for this promotion with approval from the Swiss Export Control Authority SECO (to be confirmed by Aeroscout GmbH). The general terms and conditions are part of the order confirmation provided by Aeroscout GmbH.

