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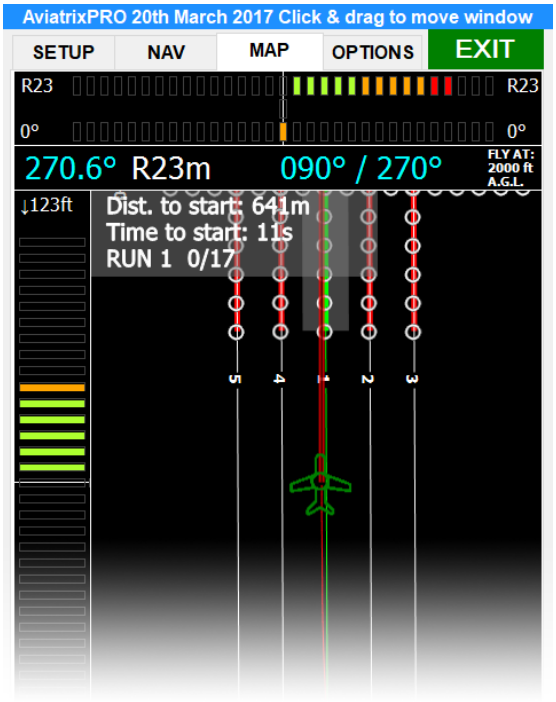
Proudly announcing an exciting new medium format aerial camera system for manned aircraft

AeroScientific and the Aviatrix FMS

The Aviatrix flight management system (FMS) from AeroScientific provides all the functionality to control cameras in manned aircraft: pilot navigation, camera triggering at predefined locations, and logging of all meta data.

The Aviatrix FMS will integrate with all leading GPS/IMU systems, gyro stabilised mounts, and a range of other hardware.



Hasselblad and the 100MP A6D

The Hasselblad A6D aerial camera features a 100 megapixel sensor (11600 x 8700) and is available in both RGB and NIR models. Fast shutter speeds, a wide range of lenses, and a robust design make it the camera of choice for aerial applications.

Combining the Aviatrix FMS with the A6D-100 medium format camera results in an advanced, powerful and flexible aerial mapping system.

Visit us on Stand A5.013 in Hall 5 at InterGEO 2017

HASSELBLAD

CREATE TO INSPIRE

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The Hasselblad A6D 100 megapixel aerial camera

- Medium format 100 megapixel sensor (11600 x 8700 pixels)
- Fast exposure times of up to 1/4000 of a second
- Onboard Cfast 2.0 storage (500+ Mbytes/sec) with a capacity of up to 512GB
- External storage interface via locked USB3.0 type C connection
- Multiple camera triggering, synchronized to within 20 microseconds
- Available in both RGB and NIR models, and a choice of nine H-System lenses
- Broad input power range of 12 – 24 volt DC
- Secure camera mounting with 4 x M4 screws
- Improved external connectivity via stable LEMO connections
- Lens locking mechanism with additional lens protector
- Fully mechanically fixed system to minimize effects of vibrations

"The A6D camera combines the world's best optics and sensors with a modern, compact design, resulting in a system that will ensure you attain the highest possible image quality."

– Bjarne Hjörlund, Product Manager, Hasselblad

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The Aviatrix flight management system

- Fully integrated flight management system with pilot navigation and camera control
- "FlightCube" airborne computer for running the Aviatrix flight management software
- Flight planning software (FlightPlanner) for creating advanced flight plans
- Built in GPS for pilot navigation
- GPS data written to image EXIF headers
- Separate displays for both pilot and camera operator
- Single pilot operations supported (in accordance with local aviation regulations)
- Supports all major GPS and IMU systems
- Records all meta data for every image acquired, as well as complete GPS track
- 12V power connectors to power other peripherals (cameras, screens etc.)
- Proven system with many years of successful use all over the world

"The Aviatrix flight management system has been designed for pilots by pilots. Not only have we developed this system ourselves, we regularly use it for our own aerial mapping work."

– Paul Dare, CEO and Pilot, AeroScientific