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Press Release - September 7th 2011:

AERIE offers their new developed Long Endurance VTOL to the UAV Market via Website

“We want to get in contact with customers that need a VTOL Long Endurance Aircraft for their purposes. Let’s talk about it.”

Austrian “in foundation” company „AERIE“, announces its creation within the next weeks, as well as the release of its first VTOL Long Endurance product, the “SWIFT”. That will be followed by the “DIPTERON”, a advanced version with more carry capabilities, and the “KESTREL”, a complete operation system in accordance with the customers wish within the next 3 years. On www.aerie.co.at one can even have a short look on the “SWIFT”, at the beginning of an outdoor trial.

The Company wants to fill the gap on the market for Long Endurance VTOL intelligent Aircraft, starting with 24 hours using the SWIFT. “We have studied the market for years. There is a need for VTOL aircraft with long endurance in the UAV market. AERIE developed their hybrid technology for that need and is now getting into this market” says Johannes Reiter, CEO of the company. “We come from aviation and know what’s going on”. The team has experience in certification of General Aviation Aircraft and propulsion systems. It developed a high value hybrid combination between the most efficient vertical aircraft, the helicopter, with the most efficient cruise configuration, a high wing span aircraft, like a high altitude fixed wing observer.

AERIE uses the same wings for hover and flight. This makes the SWIFT a very light weight VTOL with full abilities in both operation modes (hover and cruise).

Their team is also experienced in servicing and certification of airborne observing systems, and has a partner for processing airborne complex data.

1436 Characters

www.aerie.co.at



Appendix A: AERIE Product Information Shortcut

AERIE offers:

- VTOL Long Endurance UAVs like the „SWIFT“,
- As well as System Developments based on the Fixed Wing – Rotorcraft Hybrid combination in accordance with your intended operation

SWIFT:

The Swift is designed for any use of VTOL aircraft with long endurance. Its first operation is in Energy Park monitoring and Avalanche casualties' search and rescue tasks in the Alps.

It is the first of a product line of 3 different Rotorcraft- Fixed Wing intelligent aircraft.

It uses a Micro Pilot Auto Pilot system

Sensors:

“Pieps” Avalanche casualties' search receiver
Thermal Camera

Specifications shortcut SWIFT:

VTOL
Downlink System available
Wingspan 5 m
MTOM 25 kg
Endurance 24 hours
Able to choose between 3 different versions: Propeller / Impeller / Jet
For maximum speeds between 100 to 300 km/h

Specifications shortcut DIPTERON:

Under Development
VTOL
Downlink System included
MTOM 200 kg
Endurance beyond 24 hours
Using different propulsion system
Maximum speed 800 km/h

Specifications shortcut KESTREL:

Under development
VTOL
Complete System in direct approach to customers needs including transporter
MTOM 200 kg
Endurance beyond 24 hours
Maximum speed > Mach 1

Appendix B: Pictures

