

UNMANNED SYSTEMS

With the success and acceptance of its T2000UAV-S transponder (see page 11) by the international UAV sector, Microair has recognised the benefits of being an active participant in this emerging and technology driven industry sector.

Rather than develop new UAV systems and compete in this already mature market, Microair in mid 2007 deliberately formed strategic partnerships with several of the world's leading companies involved in the development and manufacture of complementary military and civil proven unmanned aerial systems and sensors.

These include a product mix of hand and sonobuoy launched electric powered micro UAVs, through to long endurance electric and fuel powered small tactical UAVs able to be catapult launched from ground vehicles, ships or RHIBs including net capture recovery.



Manta Tactical UAV

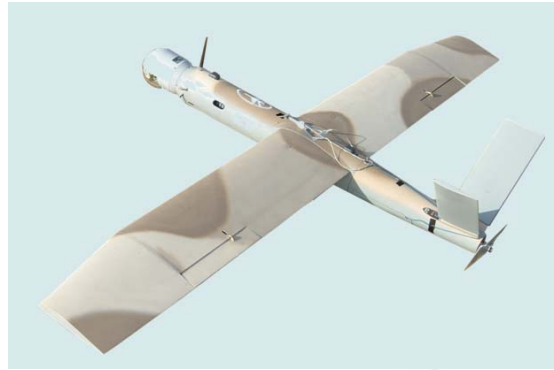


Silver Fox UAV



Coyote Sonobuoy Launched Micro UAV

COMMERCIAL IN CONFIDENCE



SkyLite B - Mini Tactical UAV



Micro B - Micro UAV



Boomerang - Mini Tactical UAV



ASIO - VTOL UAV

COMMERCIAL IN CONFIDENCE

Prioria
Embedded Intelligence



MAVERIC – Embedded Collision Avoidance Micro UAV

In choosing these UAV systems and forming the strategic partnerships, Microair took into consideration the unique operating environments and varied operational logistic support requirements of each of the Australian and New Zealand military, government and civil customers.

As the only Australian avionics manufacturing company certified by the Civil Aviation Safety Authority (CASA), Microair is able to draw on its expertise and proven capabilities in providing its UAV partners and customers with all aspects of in-country support including:

- sales and marketing
- technical & integrated logistic support (ILS);
- product development & manufacturing
(electronic systems, composites, metal/plastic machining, heavy metal fabrication);
- software development;
- systems integration;
- systems maintenance;
- operator training & systems certification;
- operational ISR services;
- manned aircraft and airfield facilities;
- marine craft for maritime operations;
- materials and product sourcing.

Microair is also recognised by the international UAV sector as a leader in the integration of UAV systems into non-segregated airspace through its innovative ATC T2000UAV-S transponder (currently exported to some 6 countries and integrated into many of the world's leading small-medium UAVs), as well as the company's active role in assisting Air Services Australia and the Civil Aviation Safety Authority in the evaluation and adoption of ADS-B (Automatic Dependant Surveillance – Broadcast) for non radar dependant ATC and aircraft separation.

Microair already has well established relationships with an extensive range of Australian and New Zealand military, police, government and civil client agencies, which has been achieved through demonstrating to these clients:

- An honest and open corporate work ethic;

COMMERCIAL IN CONFIDENCE

- A willingness to establish 'long term' relationships and work cooperatively with clients in the provision of relevant information and comparative data;
- UAV systems' capabilities relevant to their operational requirements;
- Expert and complete in-country manufacturing, ILS, systems integration and training capabilities;
- A well established reputation in product development, skills, international business development, as well as in the provision of quality products and services.

While the use and application of UAVs in the Australian and New Zealand markets is still relatively new and limited, Microair is committed to a long term strategic approach to securing and supporting UAV business in these markets.

This will be achieved through meeting and servicing customer requirements by being a **one stop shop** able to offer and support a complete mix of field proven micro and small UAV products, that are at the leading edge of continuous technology development, allowing for systems' upgrades, rather than through built in redundancy or replacement.

For UAV systems development and operational requirements, Microair also has well established and highly regarded working relationships with a number of Australian Government regulatory agencies responsible for policy, program and regulation development, including:

- Civil Aviation Safety Authority (CASA);
- Air Services Australia (ACMA)
- Australian Media & Communications Authority
- Department of Defence
- Department of Innovation, Industry, Science & Research
- Department of Transport & Regional Services
- Queensland State Government

To support and ensure the success of these activities, Microair has put together an expert Unmanned Systems Team, which includes: design, mechanical, electrical and software engineers; pilots; and business development personnel.

Microair also has its own manned aircraft and access to dedicated airfield facilities for the testing of sensor payloads, as well as UAV operational flight trials and operator training.

In addition, Microair has its own seagoing marine craft suitable for the launch, operation and recovery of UAVs in a maritime environment.

With these capabilities and a commitment to the development and provision of high quality products and services, Microair is well placed to provide the necessary UAV solutions and support to its partners and customers in the highly competitive UAV market.

CONTACTS



UNMANNED SYSTEMS

Managing Director:

Phil Ainsworth

**PO Box 5532,
BUNDABERG WEST QLD 4670
AUSTRALIA**

Phone within Australia
Fax within Australia

**07 4155 3048
07 4155 3049**

Phone International
Fax International

**+61 7 4155 3048
+61 7 4155 3049**

Email:

phil@microair.com.au

Manager Unmanned Systems:

David Mitchell

**52 Louis Loder Street
THEODORE ACT 2905
AUSTRALIA**

Mobile
Phone/Fax within Australia

**+61 408 653 439
02 6291 6648**

Phone/Fax International

+61 2 6291 6648

Email:

davidm@microair.com.au