



The Old Fliers' Group

Attached to the Royal Aero Club of WA (Inc).

Coordinator: Brian John, Ph 9883 8001

Bulletin No 74, November 2010

2010

As we approach the end of the year it is worth reflecting on the great speakers we have had throughout the year. They have entertained and enlightened us on a wide range of aviation related subjects. The following is a summary of their presentations:

- Jan** Kevin Gomm: *Japanese Bombings of WA* and Murray Fletcher: *I was in Port Hedland in 1944.*
- Feb** Joe Ward: *10,000 Rotary Hours* and Bill Charney: *The Staggerwing Rebuild.*
- Mar** Ted Fletcher: *Operation Gridiron* and Brian Hernan: *The Truculent Turtle.*
- Apr** Graham Hartree: *Polar Operations in a Boeing B777* and Peter Yates: *Cathay Pacific B747 Operations.*
- May** John Wager: *Redrup the Engineer* and the *J. L. Scott photos from the 1930s at Maylands.*
- Jun** Brian Pope: *International Air Mail Envelopes* and Ian Howell: *Air Mail in WA Part 1.*
- Jul** Ian Howell: *Air Mail in WA Part 2* and Ted Fletcher: *Vale Frank Colquhoun.*
- Aug** Kevin Bailey: *Stinson Reliant Restoration* and Dennis Gorton: *The 2-cylinder VW engine.*
- Sep** Richard Ewing: *Parachute Dropping* and Brian Hernan: *The Kalgoorlie Biplane Propeller.*
- Oct** Joshua Portlock and Paul Dewar: *Unmanned Aerial Vehicles from CyberTech.*

Members at the last (October) meeting were literally blown away with the talk and demonstration by Joshua and Paul from CyberTech.

Cyber Technology is local company that produces Unmanned Aerial Vehicles (UAVs) – both fixed and rotary wing. Their products provide a platform for specialised payloads, such as still and video cameras, sensing devices (and more). Vehicles may controlled visually by on board imaging devices or remotely by GPS. Images and captured data is transmitted to remote centres for observation and recorded for analysis.

Members were amazed at a demonstration video which showed a device called a CyberQuad (see photos) which flown into the SAS “training house” at Campbell Barracks, Swanbourne. It passed in through the front door, scanned successive rooms then flew out of the back door. As it emerged, a vehicle drove past so the Quad was climbed to about 20 metres to track it for some distance – all the time being flown by the operator (Josh) while watching a remote monitor.

To top it off, Joshua unpacked a CyberQuad from a large suitcase and flew it around in the restaurant. The attached pictures give an idea of the size and configuration of the device. The company also

produces a number of more conventional fixed wing UAVs with wingspans of about three to four metres. Paul explained that all vehicles provide solutions to search and rescue operations, military support, high-end surveillance, law enforcement, environmental conservation, agricultural operations, oil & gas structural inspection, and cinematography / photography applications.

Among the interested members was Ron East, whose grandson works on mini-autopilots for the UAVs.

Special thanks go to CyberTech for making Joshua and Paul, and the equipment, available. Those present had plenty of questions that were completely and precisely answered.



The CyberQuad – with its four ducted props.



The CyberQuad hovering in front of Michelle, Max, Sarah and John.

November Meeting

Don't miss the November meeting on the 26th – the last for the year. You will hear Dick Sasse and Stan Perkins talk about their WWII training and experiences.

Hope to see you there.

Brian Hernan