

Contributed by Penny Belworthy

ZK-CDT P&M Aviation Pegasus Quantum Trike



RICHARD Mason has been flying gliders since his teens but it was at one of the first microlight fly-ins at Waitohi that he bought his first Trike. He has flown this just about all over the South Island including in the Catlins, along the South Coast through Canterbury and up to Kaikoura.

Recently an opportunity arose to purchase a Pegasus Quantum Trike from the UK. The Pegasus Quantum is manufactured by P&M Aviation which was formed in 2003 combining the best of Mainair Sports and Pegasus Aviation. They are now one of the largest microlight aircraft manufacturers and suppliers, with over 4000 aircraft flying since 1983.

ZK-CDT is a two seat aircraft powered by an 80 hp Rotax 912. This bigger engine will give Richard more power and increase margins for his cross country flying. Features include 3-point belts in the front, 4-point in the rear, and twin brakes with a parking system which makes start-up safer. Richard is looking forward to new adventures as soon as the CAA inspection is complete.

ZK-MWS Mike Whittaker MW6S

THE Mike Whittaker MW6S aircraft was designed in the UK and since 1986 there have been 42 registered. Having built boats, cars and houses, Grant Sandiford felt it was time to build a plane from plans and began this project about 5 years ago.

The MW6S has an aluminum structure, plywood wing ribs which are fibreglassed to the spar and then the whole structure is fabricated. The aircraft is powered with an American made, 65hp Aerotwin air-cooled 4 stroke engine. This engine was actually designed in Christchurch by Bill White for the Americans. It has a ground adjustable 3 blade propeller that was also made in America but some of the development work was done by another Kiwi, Bram Water, an aeronautical engineer from North Shore City. MWS is also fitted with a ballistic parachute.



As Grant wanted to keep his aircraft at home he set about designing and building a custom made trailer that he could fit the aircraft in for safe transport. The trailer features drop down pulley operated sides that house the wings and support them during re-connection. Grant plans to have the aircraft flying in the next month or so.

ZK-VDB Sonex



FOR Mark Norgate of Whangarei the Sonex was just the sort of aircraft he had been looking for. It is all metal, compact and looked easy to build and fly so he ordered a kit from Sonex in Oshkosh, USA. There are currently 3 Sonex microlights and 2 Sonex homebuilts flying in New Zealand so Mark's will be number six.

The kit contains all required components with many time saving features including laser-cut skins with pilot holes, pre-formed wing and tail ribs, welded components, formed aluminum, and pre-moulded fiberglass parts. He also ordered an 80hp AeroVee 2180cc engine which is a VW derivative and where his VDB registration comes from (VDUB). The propeller fitted is by Brent Thompson from Rangiora.

This aircraft should cruise at 109kts. Vne is 171kts and clean stall is 40kts. The engine should use about 12 litres per hour.

With its CAA inspection due mid June, the Sonex has completed some ground handling and a fast taxi test, all of which Mark was very happy with. Next is the 10 hours testing period which will be carried out by Brain Taylor, a well known and experienced local pilot. Mark thinks New Zealand will see a lot more of Sonex aircraft in the future.

ARRIVALS - April/May 2010

CDT	P & M Aviation Pegasus Quantum	Mr R D Mason	Rangiora	Microlight Class 2
DDB	Avid Mark IV Microlight	Mr A J McNeal	Whangarei	Microlight Class 2
HUJ	Robinson R22 Beta	CHL Investments Ltd	Christchurch	Helicopter
HJU	Schweizer 269C-1	The Reliance Group Limited	Papakura	Helicopter
HQK	Eurocopter AS 350 B3	Faram Aviation Group Limited	Hastings	Helicopter
HSE	Aerospatiale AS 350B	Rotor Flite N.Z. Limited	Clevedon	Helicopter
HUM	Robinson R44 II	Heliflite Pacific Limited	Papakura	Helicopter
HXB	Robinson R44 II	Partner Group Limited	Auckland	Helicopter
IHF	Eurocopter AS 355 F2	Helicopter Services (BOP) Ltd	Taupo	Helicopter
KAW	Pacific Aerospace 750XL	Pacific Aerospace Limited	Hamilton	Aeroplane
KBA	Pacific Aerospace 750XL	Pacific Aerospace Limited	Hamilton	Aeroplane
KFB	Gulfstream GV-SP	ExecuJet New Zealand Limited	Wellington	Aeroplane
MAR	Cessna 182T	Mr R B C Shepherd	Rotorua	Aeroplane
MWS	Mike Whittaker MW6S	Mr G Sandiford	North Shore City	Microlight Class 2
RIG	Acorn Industries UFO Heli-Thruster	Mr G W Price	Whitford	Gyroplane
SPR	TL TL-3000 Sirius	Sport Aircraft Ltd	North Shore City	Microlight Class 2
SUS	TL TL-3000 Sirius	Sport Aircraft Ltd	North Shore City	Microlight Class 2
SWG	Piper PA-28-181	Southern Wings Limited	Invercargill	Aeroplane
TLS	Tecnam P92 Echo Classic de luxe	Ardmore Aviation & Giovanni Nustrini	Papakura	Aeroplane
TRD	Tecnam P92 Echo	Mr T R Doig	Hastings	Microlight Class 2
VDB	Sonex Ltd Sonex	Mr M H A Norgate	Whangarei	Microlight Class 2
XPS	Cessna 172S	B A & S J Painter	Auckland Central	Aeroplane

TRANSFERS - April/May 2010

BKN	Piper PA-18A-150	B B Aviation	Feilding	Aeroplane
CAV	Cessna 185	Martin Aviation Services Ltd	Manukau City	Aeroplane
CDJ	Cessna 172D	Hippeastrum Trust / Martin Patterson	Christchurch	Aeroplane
CDK	Aero Commander 680-F	NZ Aerial Mapping Limited	Hastings	Aeroplane
CHN	Cessna 172F	Mr J P Laubscher	Porirua	Aeroplane
CJV	Micro Aviation Bantam B22J	Mr R Gibbs	Hamilton	Microlight Class 2
CLC	Avid Aircraft Magnum	John Campbell Trust Ltd	Huntly	Amateur Built Aeroplane
CRH	Champion 7GCBC	CRH Syndicate	Upper Hutt	Aeroplane
CTA	NZ Aerospace CT/4A Airtrainer	Airlift Trading Ltd	Auckland	Aeroplane
CUX	Piper PA-28-140	Drake Aviation Ltd	Rangiora	Aeroplane
CXL	Cessna 150H	Mr G I Readman	Rangiora	Aeroplane
CXN	Cessna 172K	Mainland Air Services (2010) Limited	Mosgiel	Aeroplane
CXP	Cessna R172K	Executive Flight Services Limited	Manurewa	Aeroplane
DKR	Rand KR2 UL	B M Whiteman and G Mitchell	Whiuku	Microlight Class 2
DSK	Piper PA-28-151	Ferret Software Limited	Te Awamutu	Aeroplane
DTC	Micro Aviation Bantam B22S	S Bankart & Jean-Jacques Deschamps	Katikati	Microlight Class 2
DXJ	Cessna 172M	Easy Factors International Limited	Tauranga	Aeroplane
EBH	Piper PA-28-151	J V & P F Neal	Blenheim	Aeroplane
EEF	Gardan GY20 Minicab U/L	Mr G D Marsh	Inglewood	Microlight Class 2
ENV	Piper PA-28-181	Cargozone Limited	Drury	Aeroplane
EOF	Cessna 172N	Mr C C Foote	Manukau	Aeroplane
EWP	Cessna 172RG	Mr C C Foote	Manukau	Aeroplane
FBE	Kavanagh E-120	Aaraki Balloon Safari (Methven) Ltd	Methven	Balloon
FDL	Ultralight Mirage Mk.II	Mr R J Nicholl	Whangarei	Microlight Class 1
FNA	Piper PA-28-181	Mr D J Smith	Manukau	Aeroplane
FWK	Cessna A152	Mr B A Cardno	Wanaka	Aeroplane
FYI	Avid Flyer Aerobat	Mr P G Duenas	Auckland	Microlight Class 2
GBB	Schneider E.S.52/II Kookaburra	Norfolk Aviation Sports Club	Inglewood	Microlight Class 2
GBU	Schleicher Ka 6CR	Mr R J Burns	Waitakere	Glider
GNG	Grob G102 Standard Astir III	NG Syndicate	Omarara	Glider
HBX	Aerospatiale AS 350BA	Infinity Heliline Limited	Wanaka	Helicopter
HCE	Robinson R22 Beta	Back Country Helicopters Ltd	Wanaka	Helicopter
HCE	Robinson R22 Beta	Southern Alps Helicopters Limited	Makarora	Helicopter
HDI	Robinson R22 Beta	Minaret Station Ltd	Wanaka	Helicopter
HDI	Robinson R22 Beta	Quantum Learning NZ Ltd	Whangarei	Helicopter
HET	Robinson R22 Beta	Helinorth Limited	Whangarei	Helicopter
HJA	Robinson R22 Beta	Frontier Helicopters Limited	Whakatane	Helicopter
HKU	Aerospatiale AS 350BA	Alpine Helicopters Ltd	Wanaka	Helicopter
HUJ	Robinson R22 Beta	R F & R G Helicopters Limited	Outram	Helicopter
HQK	Hughes 369D	Mr R M Cotton	Arrowtown	Helicopter
HPB	Robinson R44 II	Scobies Transport Ltd	Wynndham	Helicopter
HQF	Robinson R44 II	Gladstone Trust	Gisborne	Helicopter
HRZ	Robinson R22 Mariner	HRZ Limited	Wanaka	Helicopter
HSE	Aerospatiale AS 350B	Stewart Island Helicopters 2008 Ltd	Bluff	Helicopter
HUH	Robinson R22 Alpha	Franz and Maria Klein Partnership	Te Anau	Helicopter
IDF	Eurocopter AS 350 B3	Southern Lakes Helicopters Ltd	Te Anau	Helicopter
IEG	Robinson R44 II	PLB Construction Group Limited	Huntly	Helicopter
IEZ	Robinson R44 II	Heartland Helicopters Limited	Gisborne	Helicopter
IME	Kawasaki BK117 B-2	Helicopters Otago Limited	Mosgiel	Helicopter
IVP	Robinson R44	Highland Hunters Ltd	Auckland	Helicopter
JAZ	Cessna 172N	Auckland Aero Club (Inc) Ardmore	Papakura	Aeroplane
JBM	TEAM Hi-Max	Kudrass Family Trust	Motueka	Microlight Class 1
JEP	Micro Aviation B10 Bantam	P & D Bovill Partnership	Tuakau	Microlight Class 1
JIL	Hawker Hunter FR 74S	Clevedon Aviation Ltd	Papakura	Aeroplane
JLI	Zenair Zodiac 601 UL	Mr B Butler	Auckland	Microlight Class 2
KMF	Cessna 210-5A	Easy Factors International Limited	Tauranga	Aeroplane
MAC	Evektor Sportstar Plus	Ashburton Aviation Pioneers Inc	Kaipoi	Microlight Class 2
MAP	Cessna 402B	Total Entertainments Consultants Limited	North Shore City	Aeroplane
MAT	Cessna 172N	Bay Flight International Ltd	Mount Maunganui	Aeroplane
MBC	Piper PA-28-161	Mitchell Aero Holdings Ltd	Christchurch	Aeroplane
MDR	Cessna 172N	Air Discovery Ltd	Auckland	Aeroplane
MDT	Flytalia MD-3 Rider	Arnold GP Limited	Cambridge	Microlight Class 2
MET	Aerostar S-77A	Aaraki Balloon Safari (Methven) Ltd	Methven	Balloon
MEW	Grumman G-164A	Mr M Hume	Hamilton	Aeroplane
MTM	Cessna A150M	Clevedon Aviation Ltd	Papakura	Aeroplane
MWB	Eipper Quicksilver MXL II	Mr T E Pinny	Te Awamutu	Microlight Class 2
MYA	Quad City Challenger II	Mr A J Packington-Hall	North Shore City	Microlight Class 2

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