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 fabriced. 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.



June / July 2010

ARRIVALS - April/May 2010

Diamond

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
НIJ	Robinson R22 Beta	CHL Investments Ltd	Christchurch	Helicopter
IJU	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
MUH	Robinson R44 II	Heliflite Pacific Limited	Papakura	Helicopter
HXB	Robinson R44 II	Partner Group Limited	Auckland	Helicopter
HF	Eurocopter AS 355 F2	Helicopter Services (BOP) Ltd	Taupo	Helicopter
(AW	Pacific Aerospace 750XL	Pacific Aerospace Limited	Hamilton	Aeroplane
(BA	Pacific Aerospace 750XL	Pacific Aerospace Limited	Hamilton	Aeroplane
(FB	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
rd	Tecnam P92 Echo	Mr T R Doig	Hastings	Microlight Class 2
/DB	Sonex Ltd Sonex	Mr M H A Norgate	Whangarei	Microlight Class 2
(PS	Cessna 172S	B A & S J Painter	Auckland Central	Aeroplane

TRANSFERS - April/May 2010

DIVIN	riper rA-16A-150	D D AVAITION
CAV	Cessna 185	Martin Aviation Services Ltd
CDJ	Cessna 172D	Hippeastrum Trust / Martin P
CDK	Aero Commander 680-F	NZ Aerial Mapping Limited
CHN	Cessna 172F	Mr J P Laubscher
CJV	Micro Aviation Bantam B22J	Mr R Gibbs
CLC	Avid Aircraft Magnum	John Campbell Trust Ltd
CRH	Champion 7GCBC	CRH Syndicate
CTA	NZ Aerospace CT/4A Airtrainer	Airlift Trading Ltd
CUX	Piper PA-28-140	Drake Aviation Ltd
CXL	Cessna 150H	Mr G I Readman
CXN	Cessna 172K	Mainland Air Services (2010
CXP	Cessna R172K	Executive Flight Services Limit
DKR	Rand KR-2 UL	B M Whiteman and G Mitche
DSK	Piper PA-28-151	Ferret Software Limited
DTC	Micro Aviation Bantam B22S	S Bankart & Jean-Jacques De
DXJ	Cessna 172M	Easy Factors International Lim
EBH	Piper PA-28-151	J V & P F Neal
EEF	Gardan GY-20 Minicab U/L	Mr G D Marsh
ENV	Piper PA-28-181	Cargozone Limited
EOF	Cessna 172N	Mr Č C Foote
EWP	Cessna 172RG	Mr C C Foote
FBE	Kavanagh E-120	Aoraki Balloon Safari (Methy
FDF	Ultralight Mirage Mk.II	Mr R J Nicholl
FNA	Piper PA-28-181	Mr D J Smith
FWK	Cessna A152	Mr B A Cardno
FYI	Avid Flyer Aerobat	Mr P G Duenas

Schneider E.S.52/II Kookaburra cher Ka 6CR GNG Grob G102 Standard Astir III HCE Robinson R22 Beta HDI Robinson R22 Beta Robinson R22 Beta HET Robinson R22 Beta HJA HKU Aerospatiale AS 350BA HOQ Hughes 369D

Robinson R44 II HRZ HSE Aerospatiale AS 350B IDF Eurocopter AS 350 B3 IEG IEZ Robinson R44 II IME IVP Kawasaki BK117 B-2 Robinson R44 JBM TEAM Hi-Max Micro Aviation B10 Bantai Hawker Hunter FR 74S KMF Cessna 210-5A

MAP Cessna 402B MBC Piper PA-28-161 MDR MDT Flyitalia MD-3 Rider

MEW Grumman G-164A Cessna A150M Eipper Quicksilver MXL II

continued on page 56...

Feilding Manukau City Aeroplane Christchurc

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man and G Mitchell Whiuku Microlight Class 2 Microlight Class 2 Jean-Jacques Deschamps Katikati Aeroplane

Microlight Class 2 Aeroplane Drury Manukau Manukau Aeroplane Methven Whangarei Microlight Class Aeroplane Wanaka Norfolk Aviation Sports Club Glider

Mr R J Burns Waitakere Glider NG Syndicate Glider Omarama Helicopte Back Country Helicopters Ltd Wanaka Helicopter Wanaka Minaret Station Ltd Helicopter Whangare Whangarei Helinorth Limited Helicopter

Alpine Helicopters Ltd Wanaka Mr R M Cotton Scobies Transport Ltd Wyndham Gladstone Trust Gisborne Stewart Island Helicopters 2008 Ltd Bluff Te Anau Southern Lakes Helicopters Ltd

Huntly Gisborne Heartland Helicopters Limited Highland Hunters Itd. Auckland Kudrass Family Trust Motueka P & D Bovill Partnershi Tuakau Clevedon Aviation Ltd Papakura Mr B Butle Auckland

Easy Factors International Limited Tauranga Total Entertainments Consultants North Shore City Mount Mau Mitchell Aero Holdings Ltd Christchurch

Air Discovery Ltd Arnold GP Limited Cambridge Hamilton Mr M Hume Papakura

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IWR

Micro Aviation Bantam B22S

Micro Aviation B22 Bantam

Cessna 182S

Cessna U206G

continued from page 55 Piper PA-34-200 General Aviation Services Limited Christchurch Aeroplane Auckland Microliaht Class 2 Rans S-12 Airaile Mr R J McBride Lumsden Microlight Class 2 AutoGyro Europe Calidus Fern PHX Boland Phoenix Mrs G L Dryland HAMILTON Balloon ific Aerospace Cresco 08-600 Pacific Aerospace Cresco 08-600 Wanganui Aero Work (2004) Ltd Wanganui Aeroplane Darwin Australia Aoraki Balloon Safari (Methven) Ltd Aerostar S-81A Balloon Methven Mr I R Plunkett STG TL TL-2000 Sting Mr A R Brown Palmerston North Microlight Class 2 Micro Aviation B22 Bantam lohn Campbell Trust Ltd TRO Cessna T210R B B Avaition Feilding Mr W L White Microliaht Class Piper PA-38-112 Whenuapai Aviation Sports Club Waitakere Aeroplane Auckland WEL Kayanaah D-90 Mr M A Brown Hamilton Balloon Micro Aviation Bantam B22J Mr D A Law Microlight Class 2 Taranaki TEAM Hi-Max Mr D R Sutton Lumsden Microlight Class 1 **DEPARTURES - April/May 2010** Aerochute Aerochute Dual Deluxe Mr G R Stone Auckland Microlight C2 Rev Light Miniature LM-1L Grumman American AA-5 Mr D J Mudgway Aeroplane Microlight C2 Schleicher ASW 27-18E Mr R G Biggar Glider Albany Game Recovery Haast Limited HEI Robinson R22 Beta Mr M A Halder Riverton Helicopter Rev Game Recovery Haast Limited Rev Riverton Rev Robinson R22 Beta Game Recovery Haast Limited Helicopter Riverton Heliflite Pacific Limited Panakura Exp Dest HVC Robinson R22 Beta Minaret Station Ltd Helicopter Wanaka KΔW Pacific Aerospace 750XL Pacific Aerospace Limited Hamilton Aeroplane Exp Mr H I Halsted Exp Exp Gulfstream G-IV Air National Corporate Limited Manukau Aeroplane Hanna-Hogan Limited Auckland Aeroplane Exp Microlight C2 Dest

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ZK-SPR and ZK-SUS Sirius TL-3000

SPORT AIRCRAFT Limited of North Shore City have imported two new Sirius TL-3000s from TL Aircraft in the Czech Republic. ZK-SPR and ZK-SUS are high wing aircraft with superb visibility and easy access. Both are powered by Rotax 100hp engines with ground adjustable propellers, producing a cruise speed of 120kt using well under 20 litres per hour for an 800nm range. They climb at more than 1200fpm and stall at 32kts. Empty weight is around 300kgs and MAUW (LSA) is 600kg, giving a useful load of around 300kgs, more than enough for two 70 kg pilots, full fuel and over 20kgs of baggage.

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The Directors of Sport Aircraft Ltd are all pilots with collectively more than 100 years experience in commercial and recreation aviation. They have become the New Zealand agents for TL aircraft.

ZK-SUS has been sold to Bruce Gordon of Marton who is the first person in New Zealand to purchase a brand new aircraft registered in the LSA category, now as ZK-EBG.

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