Ross AG Air / Taylor Syndicate

North Shore Aero Club (Inc)

Canterbury Aero Club (Inc)

Canterbury Aero Club (Inc)

Airspread South Ltd
Glenorchy Air Services & Tourist Co Ltd.

Wings over Whales Kaikoura Ltd

Golden Bay Air Limited
Sunrise Balloon Adventures Limited

Diesel & Dust (2006) Limited

Helicopters Queenstown Ltd

Heavy Jet (Auckland) Limited

The Reliance Group Limited

Southbranch Farm Limited

Mr J T Robinson

Helipro Aviation Training Limited

Heli Support New Zealand Limited

Helicopters South Canterbury Limited

Helistar Helicopters (Taupo) Ltd Rosco Contractors Limited

North Shore Helicopters Limited

Wanganui Aero Work (2004) Ltd

Yak 52 Syndicate North Shore Airfield

er Airlines Flight Ops Ltd

Eagle Flight Training Limited

Broome Air Services PTY LTD

Wellington Aero Club (Inc)

Wildlife Surveillance Limited

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P M Godfrey

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Mr B J Stokes

Button Logging Bladehire Limited Rick Lucas Helicopters Ltd The Helicopter Line Ltd

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Matamata

Albany

Taupo

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Auckland

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hristchurch

Renwick

Kaikoura TAKAKA

Queenstown Wanganui Feilding

Wanaka

Christchurch

Paraparaumu

Howick

Auckland

Wanaka

laupo Belfast

Taupiri T<mark>aupo</mark> Timaru

Queenstown

Wanaanu

Marton

Pukekohe

Christchurch

Helensville

Kaiapoi

Takaka

Manukau

Aeroplane Aeroplane

Aeroplane

Aeroplane

Helicopter

Aeroplane

Aeroplane

Microlight Class 2

Amateur Built Aeroplane

Amateur Built Aeroplan

Amateur Built Aeroplan

Aeroplane Microliaht Class 2

Aeroplane

Aeroplane

Aeroplane

Aeroplane

Aeroplane

Aeroplane

Aeroplane

Aeroplane

Microlight Class 2

Balloon

Glider

Helicopte

Helicopte

Helicopter

Aeroplane

Aeroplane Microlight Class 2 Aeroplane

Microliaht Class 2

Microlight Class 2

Microlight Class

# **Contributed by Penny Belworthy**



**THE PITTS** Special is a light aerobatic biplane designed by Curtis Pitts. Curtis Pitts began his design in 1943–1944. Since then, the design has been refined continuously and has achieved many competition wins.

Paul McGruer started building MPM a number of years ago and now (after some of life's usual distractions like building houses and working overseas) his Pitts is finished and ready to fly. This is a plans built aircraft which he has entirely built himself. The construction includes a steel tube fuselage, wooden wings covered with a Stits product similar to ceconite fabric then painted to a very shiny red finish. It also has aluminum forward of the cockpit so all wood work and metal work skills have been used. The engine is a Lycoming 0-360 A2D 180hp fitted with an Ellison throttle body and inverted oil system, and a wooden 76x56 fixed pitch propeller made by Performance Propellers of America. Paul is hoping for a take of speed of around 60kts and a cruise of around 120kts. The only modifications he has made to the aircraft are a locking tail wheel and the installation of the throttle body. The 25hour test period will be flown off by the very experienced Pitts pilot Richard Hood.

# **ZK-PCC** Air Tractor

BARGH & Gard'ner Aviation Ltd of Featherston has recently purchased another Air Tractor AT-402B to replace their previous one that was destroyed in an accident in April this year. This aircraft takes the same registration of PCC and has already gone into service.



# ZK-CTD, ZK-CTP, ZK-CTZ Cessna 172S

CTC Aviation Group (CTC) recently took delivery of three new Cessna 172S aircraft with Garmin G1000 glass cockpits at its Crew Training Centre in Hamilton. These are replacing older aircraft and make the G1000 instrumentation CTC's training standard.



These three new additions take CTC's Hamilton training fleet to 33 aircraft. The company is currently training around 180 airline pilots each year.

# ZK-CCP L-39C

NEW Zealand's fifth Aero Vodochody L-39 has been registered to Albatros Limited of Wellington. The Aero L-39 Albatros is a high-performance jet trainer aircraft developed in Czechoslovakia in the 1960s to meet requirements for a trainer to replace the L-29 Delfin. It was the first of the second generation jet trainers, and the first turbofan powered trainer produced. More than 2,800 L-39s have been built and still serve over 30 Air Forces around the world. The Albatros is a widely used jet trainer thanks to its versatility, also seeing duty in light-attack missions as well as in basic and advanced pilot training. Increasingly popular in the civil scene, ZK-CCP comes to New Zealand with a jet racing pedigree, having made several appearances at Reno.



# **ZK-PAC** Pietenpol Air Camper

PIENTENPOLS are close to my heart, so the first for the North Island and NZ's fourth being readied to take to the air is extra special. PAC has been built by Rod Wooller of Wellsford over a ten year period and was originally started in Perth. As Rod had no previous aviation experience but had always liked home built aircraft, this design was the perfect cont'd over page



ARRIVALS - August/September 2010 Aero L-39C

**> Diamond** 

Albatros Limited Cessna 172S Cessna 172S CTC Aviation Training (NZ) Ltd Cessna A185F Mr D Webb Windward Perf. Sparrow Hawl Mr A W Ind HAT Eurocopter EC 130 B4 Hampstead Trust IWW Piper PA-25-235 Dennis Thompson International Ltd

KBD LMO ELA Aviacion ELA-08-R-115 Mr S Haakma MPM Pitts S-1S Mr M P McGruer Pietenpol Air Camper M/L Air Tractor AT-402B

Bargh & Gard'ner Aviation Ltd Supermarine Spitfire Mk 26 Replica Harding Enterprises Alpha Limited TRANSFERS - August/September 2010

Gardan GY-20 Minicab CGR Gulfstream American GA-7 Piper PA-28-140 CTQ Alpha R2160 CTR Alpha R2160 DGH Piper PA-28-140

DLQ DNS Cessna 172M DPG Cessna A185F EFD EKE EQS FAL FLB FLH Cessna 172N Cameron N-77 Cessna A152

FWY Micro Aviation B22 Bantam GCF GMN Grob Twin Astir GRZ HDE Aerospatiale AS 350BA HDQ HEY Robinson R22 Beta Aerospatiale AS 350BA Robinson R44 HGF HGL

HGS HHP HIH Hughes 369HS Aerospatiale AS 350BA Robinson R44 II HIW HKJ Robinson R44 II Kawasaki BK117 B-2 Revolution Mini 500K HOW Bell 206B

HUT Robinson R44 HVA Robinson R22 Beta Aerospatiale AS 355 F1 Aerospatiale AS 350B2

Bell 206L-3 JAQ JKB JRO KLH Cessna 172R CFM Shadow Series B-D IJG Cessna A185E

MDO Cessna A152 PKB Pacific Aerospace Cresco 08-600 PZL Warszawa-Okecie Wilga 35

PPA PZN RAE RCR Magni Gyro M16 RDT RFS DHC-1 Chipmunk T10 SAA SAX TAW Cessna 208B

Piper PA-38-112 TBD TDS Maule MX-7-180B TWT Cessna A150L

XJE XPC Maxair Drifter XP503 Bolton Trike Moyes XS 155 Piper PA-32R-301

continued on page 52.

**DEPARTURES - August/September 2010** Percival Percival Gull Six Eipper Quicksilver MX R J Hogg C H Rowe

Golden Bay Air Limited (Aust) Pty Ltd Sun Zapper (Aust) Pty Ltd Auckland International Airport Ltd Air Hawkes Bay Limited

Aeroplane Aeroplane Microlight Class 2 Gyroplane Aeroplane Aeroplane Microlight Class 2 Aeroplane Aeroplane Amateur Built Aeroplane Aeroplane

Aeroplane Microlight Class 2 Aeroplane

Microlight C1 w/d

DIAMOND DA20



**DIAMOND DA42** 



**BELL 407** 



**BELL 429** 



**BEECHCRAFT BARON G58** 



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## continued from page 51

Piper PA-23-250 LET L-13 Blanik HFQ Robinson R22 Beta HQO Schweizer 269C-1 Robinson R22 Bell 206B Eurocopter AS 350 B3 Hawker Hunter FR 74S Cessna 1/25
Delore Skytrike/Vampyre
Micro Aviation B22 Banto Titan T51 Mustang Piel Emeraude CP-301

Aero L-29 Cessna 152

SSS

NZ Aerial Mapping Limited Marlborough Gliding Club (Inc) Astral Helicopters Ltd The Reliance Group Limited Mr M S Moore Faram Aviation Group Limited Clevedon Aviation Ltd Mr C E Taylor Mr I H Campbell Barah & Gard'ner Aviation Ltd Mr A R McCreadie Pacific Airways Limited Air Manawatu Ltd

Glider Power Glid Helicopter Exp Exp Dest Exp Dest Dest Exp w/d Helicopter Helicopter Helicopter Papakura Manukau Aeroplane w/d Aeroplane Exp Microlight C1 Rev Rotorua Dest Dest w/d Rangiora Featherstor Aeroplane Manukau Aeroplane

**ZK Register Review** 

aircraft due to its older style and affordability to build.

The Pietenpol Air Camper was designed in 1929 by Bernard Pietenpol from Broadhead, USA and the first plans were published in the Popular Mechanics Magazine at that time. Then in 1933 an improved set of drawings was produced and it is from these that many Pietenpols have been constructed. In 1966 Bernard built his last Pietenpol using a Corvair engine, lengthened fuselage and three piece wing with cabane struts.



Rod has also used a Chevrolet Corvair engine which he built up himself as per the William Wynne conversion manual and constructed his own propeller to do the initial static engine tests, but has now fitted a 68x32 propeller from Brent Thompson, of Rangiora.

His Pietenpol has been constructed

using a combination of spruce, douglas fir and hoop pine, covered with polyfibre and painted with acrylic paint. The landing gear is one of the 1966 modifications using springs, as the original undercarriage was wood and the 1933 used bungees. Engine mounts and other hardware is made from 4130 tube and sheet, with the cowlings, cabane and wing struts made from

The aircraft is hangered at Parakai airfield ready to have the wings attached, weight and balance completed and flight permit issued before its first flight. ZK-PAC's registration has two significances, standing for Pietenpol Air Camper as well as Parakai Aero Club. Rod's parting comment is "It's been a long time coming, but this project has been more about the journey than the destination."

Finally for this issue, a correction. In my last column I noted an incorrect take-off roll for Rans S-7 Courier RPB which should have read 100m.

If you've registered an interesting new aircraft in the last couple of months and would like to see it appear on KiwiFlyer's ZK Review pages, contact Penny Belworthy by email: e.p.belworthy@xtra.co.nz or phone us at KiwiFlyer 0800 535 937.

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1977 Cessna 182-Q SKYLANE II ZK-JOY 2166 hours from factory new. Engine: 350 hrs since o/haul 2004, 2000 TBO, Prop: 1270 hrs since o/haul Cessna avionics package with autopilot. Factory corrosion proofed. MCTOW: 2950 lbs. Useful: 1093 lbs. \$129,995 +GST if sold in NZ. Delivery ex- Ardmore.



1998 Cessna 172-R Skyhawk ZK-JKB 5939 hours total time since new. Engine: 2184 hrs since Lycoming o/haul. 2000 TBO. Prop: 1980 hrs since o/haul. Bendix-King avionics package with autopilot. MAUW: 2447 lbs. Useful: 769.9 lbs. Asking: \$129,500 +GST if sold in NZ



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### 2005 Cessna 172S For Sale



ZK-COS: Airframe TSN 3174, Prop TSN 3174 with TSO 1121, Engine TSN 3174 with TSO 992.5. King Avionics with KX155A/K1208/209A NAV/COM, KT76C/SSD120-30 TDR/ENC, KMA 28 Audio, LN 94 GPS, KMD 540 MFD and ARTEX ME-406 ELT Contact: Brett Puddle on 021 221 3981 or email: brett.puddle@aeromotive.co.nz \$225,000 +GST

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## 1997 Cessna 172R For Sale



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**52** KiwiFlyer Issue 13 October / November 2010