

contributed by Penny Belworthy

### ZK-HAB Hiller UH-12B



**NEW** to New Zealand, a Hiller helicopter recently had its long awaited first flight in the capable hands of test pilot Neil Scott (Garden City Helicopters A-Cat Instructor) overseen by James McNutt of Heli Maintenance (Hiller expert and a second generation Hiller owner). HAB is owned and operated by Akira Matsushita, owner of Maruia Springs Thermal Resort in the Lewis Pass.

Having previously owned a R44, Akira wanted something that had three seats, 2 blades so that it fitted into his hanger, and that was a little different and had some historical character. So the Hiller was decided on and he asked Gary Minnell, an experienced pilot & LAME who used to work for Hiller NZ, to go to USA with him to find one which they did in California. Arriving here in September 2011, HAB was reassembled by Heli Maintenance in Christchurch. However, sorting out the paperwork for NZ certification took some 13 months due to lack of information available from the US. In August this year Akira finally received approval for the Hiller. The test flight was flown by Neil and Akira then received flight instruction and a type rating as the Hiller requires

coordinated throttle work due to the lack of governor control.

On 4th August, Akira flew HAB to his hotel at Maruia Springs which took a little more than 1.5 hours from Christchurch. He said it cruises at 60-65kts, is very stable in flight and that the scenery on the trip home was very enjoyable.

Our CAA register lists 6 other Hillers in NZ (1xC type & 5 x E types) with ZK-HAB the oldest. The registration ZK-HAB was in fact first registered to the same type (a Hiller UH12-B) in 1955. Akira is very happy to have this honourable registration number and eventually wishes to reserve this HAB as an exhibition model for the NZ helicopter history as the Hiller was widely used in deer recovery.

### ZK-CXY Thatcher CX4



**NEW** Zealand's second Thatcher CX4 has flown recently having been built by Derek Dijkstra in only 4 years 4 months. The design was suggested to him by a friend due to its relatively ease to build and good looks. The Thatcher CX4 is a single seat, low wing, tail dragger designed by David Thatcher of Thatcher Aircraft Inc. from Florida. With a history of aircraft mechanics, David had always wanted to design an aircraft and once he retired he

provided courtesy of Hawker Pacific

found he had time, space and funds to make his dream a reality.

For Derek this aircraft was exactly what he wanted, being constructed primarily of 6061T-6 aluminium, riveted together. He imported the spar, bulk-head and ribs pre-formed which helped speed up the build time. The fiberglass cowling protects a Great Plains 1835cc VW engine which has a Brent Thompson propeller and at the moment without a canopy and spats it cruises at 2800rpm for 98 kts. Dave Simpson has conducted the test flying and was very happy with the way the aircraft handled.

Of the 520 sets of plans sold, there are currently 9 Thatcher CX4s being built in New Zealand and 33 aircraft flying throughout the world.

### ZK-IFK Eurocopter AS350-B3e



A **NEW** Zealand aviation company is continuing its expansion by taking delivery of a brand new helicopter, the first of its kind to arrive in New Zealand. Kershaw Aviation Group has completed the avionic and equipment fit out of a Eurocopter AS350-B3e. The aircraft will be used for company projects in Indonesia and join the rest of the Kershaw fleet there around



#### ARRIVALS - June/July 2012

CHB RANS S-6S Coyote II	Central Hawkes Bay Aero Club	Waipukurau	Microlight Class 2
CXY Thatcher CX4	Mr D J Dijkstra	Waiwera	Microlight Class 1
DWS Pegasus Aviation Quantum 912	Mr Ward-Smith	Raglan	Microlight Class 2
HAB HillerTri-Plex UH-12B	Mr A Matsushita	Christchurch	Helicopter
HAE Aerospatiale AS 350B2	The Helicopter Line Ltd	Queenstown	Helicopter
HAL Bell 206B	Heliworx Waikato Ltd	Hamilton	Helicopter
HAI Bell 214B-1	McDermott Supply Company	Australia	Helicopter
HIP Hughes 369FF	Helisika Agricultural Limited	Manukau	Helicopter
HQL Hughes 369HS	Station Air Ltd	Ashburton	Helicopter
HTB Robinson R44 II	The Alpine Group Ltd	Wanaka	Helicopter
IDF Eurocopter AS 350 B3	Heliworks Queenstown Helicopters	Queenstown	Helicopter
IEC Eurocopter EC 130 B4	Mr C R Boone	Nelson	Helicopter
IFK Eurocopter AS 350 B3	Kershaw Aviation Group Ltd	Queenstown	Helicopter
IHE Robinson R44 II	Helilease International Trust	Auckland	Helicopter
IHN Robinson R44 II	Skysales Aviation (NZ) Ltd	Christchurch	Helicopter
KCB Pacific Aerospace 750XL	Pacific Aerospace Limited	Hamilton	Aeroplane
KHP Beech B200	Hawker Pacific NZ Ltd	Papakura	Aeroplane
MHP Beech B200	Hawker Pacific NZ Ltd	Papakura	Aeroplane
SKF Air Tractor AT-504	Skyfarmers Aviation Ltd	Ashburton	Aeroplane
XAC Rans S-6ES Coyote II	Mr A B Cowan	Timaru	Microlight Class 2
XYZ Cessna 172S	CTC Aviation Training (NZ) Ltd	Hamilton	Aeroplane

#### TRANSFERS - June/July 2012

AMT Thruster Aircraft Thruster Gemini	Mr G J Turner	Lumsden	Microlight Class 2
BAD Cessna A150L	RNZAF Ohakea Aviation Club	Palmerston North	Aeroplane
BRQ Piper PA-18A-150	Nelson Aero Maintenance Ltd	Kekerengu	Aeroplane
BVY Cessna 150	Mr T S Wedekind	Taupo	Aeroplane
CAF Amateur-built Strata 73-12	John & Kate Pepper Syndicate	Hamilton	Balloon
CKK Morane-Saulnier MS 880B	Mr D F R McMillan	Kaikoho	Aeroplane
CMM Miles M.38 Messenger IIA	Cowie Sealy Trust	Auckland	Aeroplane
CNM Airborne Windsports Edge X 582	Mr K A Ellett	Tauranga	Microlight Class 2
CUX Piper PA-28-140	Classic Flights Limited	Wanaka	Aeroplane
CWP Micro Aviation Bantam B22J	Mr P R Bovill	TUAKAU	Microlight Class 2
DKJ Cessna A185F	Mr A J Bowmar	Gore	Aeroplane
DKR Rand KR2 UL	Mr H B Robertson	Dunedin	Microlight Class 2
DMN Isaacs Fury II	Mr G Kothen	Waiuku	Amat Built Aeroplane
DPE Cessna A185F	Mr M F Bowes	Mount Maunganui	Aeroplane
DPM Cessna 172M	Tauranga Tandem Skydiving Ltd	Mount Maunganui	Aeroplane
DTM Micro Aviation Bantam B22S	Mr K R Millward	Upper Moutere	Microlight Class 2
DWW Cessna A185F	S.W. Husheer & B.N. Coulter	Hastings	Aeroplane
DXM Cessna 172M	Leadtone Limited	Papakura	Aeroplane
EYA Piper PA-38-112	RPM White Limited	Taupo	Aeroplane
FCQ Cessna 152	Roc On Aviation Limited	Wellington	Aeroplane
FFN Cascade Kasperwing	Mr G I Readman	Australia	Microlight Class 1
FLH Cessna A152	UB Syndicate	Auckland	Aeroplane
FML Piper PA-38-112	J V & P F Neal	Blenheim	Aeroplane
FMY CFM Shadow Series B-D	Mr D J Taylor	Wanaka	Microlight Class 2
FPI Cessna 152	Air Hawkes Bay Limited	Hastings	Aeroplane
FRL Piper PA-28-161	Mr M P McGruer	North Shore City	Aeroplane
GCX Rolladen-Schneider LS 4-a	Nelson Lakes Gliding Club (Inc)	Nelson	Glider
GTZ Schempp-Hirth Discus b	Kaikoho Gliding Club (Inc)	Kaikoho	Glider
HAX MBB BO 105 CBS-4	North Shore Helicopters Limited	Albany	Helicopter
HBA Hughes 369D	Central Helicopters Limited	Opatiki	Helicopter
HBD Aerospatiale AS 350BA	Mr M S Hall	Wellington	Helicopter
HER Hughes 369HS	Precision Helicopters Ltd	Urenui	Helicopter
HGI Bell 47J2	H F T Limited	Auckland	Helicopter
HGO Aerospatiale AS 350BA	Heliworks Queenstown Helicopters	Queenstown	Helicopter
HGU Robinson R44 II	The Alpine Group Ltd	Wanaka	Helicopter
HHQ Robinson R22 Beta	Aspiring Helicopters Ltd	Wanaka	Helicopter
HIJ Robinson R22 Beta	Mr R M Aitchison	Roxburgh	Helicopter
HIZ Hughes 269C	Dr S W Husheer	Napier	Helicopter
HJP Aerospatiale AS 350BA	Heliworks Queenstown Helicopters	Queenstown	Helicopter
HKP Robinson R44 II	Rotor Work Ltd	Te Kuiti	Helicopter
HLG Hughes 269A	Mr D R J Condon	Bruce Bay	Helicopter
HNS Robinson R22 Beta	HNS Syndicate	Haast	Helicopter
HPQ Robinson R22 Beta	Southern Alps Helicopters Limited	Otematata	Helicopter
HSE Aerospatiale AS 350B	Partner Group Limited	Auckland	Helicopter
HTG Robinson R44 II	Mr K J Roberts	Levin	Helicopter
HUT Robinson R44	Kapiti Heliworx Limited	Paraparaumu	Helicopter
HVWX Robinson R44 II	Heli-Hire Limited	Rotorua	Helicopter
HYS Aerospatiale AS 350B2	Heliworks Queenstown Helicopters	Queenstown	Helicopter
HZA Robinson R22 Beta	Mr M D Pedlow	Napier	Helicopter
IBR Eurocopter AS 350 B3	Heliworks Queenstown Helicopters	Queenstown	Helicopter
ICD Aerospatiale AS 350B2	The Helicopter Line Ltd	Queenstown	Helicopter
IDG Bell 206B	Heli South Ltd	Balclutha	Helicopter
IFM Robinson R22 Beta	Bladehire Limited	Taupo	Helicopter
IHQ Robinson R22 Beta	Heliflite Pacific Limited	Papakura	Helicopter
ILS Robinson R44 II	Heliworks Queenstown Helicopters	Queenstown	Helicopter
INO Hughes 369E	Gisborne Helicopters Limited	Gisborne	Helicopter
IPZ Robinson R44 II	Chickenhawk Limited	Auckland	Helicopter
IRS Eurocopter EC 130 B4	Helicopter Trustee Limited	Auckland	Helicopter
ISW Bell 206B	Outback Helicopters Ltd	Pongaroa	Helicopter
ISX Robinson R22 Beta	Wanaka Helicopters Ltd	Wanaka	Helicopter
IVX Hughes 369D	Heli-Hire Limited	Rotorua	Helicopter
IXE Innovator Mosquito XE	Mr P R Boocock	Rangiora	Microlight Class 2
JAU Aircraft Spec's Hovey Delta Hawk	Mr B J Marr	Stratford	Microlight Class 1
JCV Cessna 182S	Mr J C Verleun	North Shore City	Aeroplane
JEP Micro Aviation B10 Bantam	Mr P R Bovill	Tuakau	Microlight Class 1
JMG Cessna 172S	CTC Aviation Training (NZ) Ltd	Hamilton	Aeroplane
JNE Piper PA-38-112	Roc On Aviation Limited	Wellington	Aeroplane
JNW Pitts S-1 Special	Mr R T Mudgway	Wellington	Amat Built Aeroplane
JOY Cessna 182Q	Skytrack Aviation Limited	Tauranga	Aeroplane
JQJ McLachlan Mk1	Mr J R Sharp	Darfield	Microlight Class 2
JRM Zenair CH701 STOL	Mr M R Durham	Hastings	Microlight Class 2
JRM Zenair CH701 STOL	Ngatipa Trust	Pokeno	Microlight Class 2
JSA BAe Jetstream Model 3102	Air New Zealand Ltd	Auckland	Aeroplane
JSI BAe Jetstream Model 3102	Air New Zealand Ltd	Auckland	Aeroplane
MBK Piper PA-28-161	Auckland Aero Club (Inc) Ardmore	Papakura	Aeroplane
MBM Piper PA-44-180T	Mr J Shaw	Whangarei	Aeroplane
MBV Piper PA-44-180	RNZAF Base Aviation Sports Club	Waitakere	Aeroplane

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mid-September, with a second B3e aircraft scheduled to arrive in November.

Working exclusively offshore, Kershaw Aviation Group specialise in flight support for the high-altitude mineral and exploration industries and hold a major contract in Indonesia working with joint partner Airfast Indonesia. Operations Manager and director Josh Kershaw said experience had shown that the AS350-B3 was an ideal medium helicopter for this type of work. "Our helicopters are required to work in demanding environments supplying logistical support to drilling rigs in some of the most remote parts of Indonesia", he said. "We're required to fly around 1300 hours a year, carrying loads on 100 to 150ft long lines and operating at altitudes of up to 17,500ft.

Josh said the new aircraft was "highly spec'ed" to meet client needs and international auditors' requirements. It comes with dual hydraulics, new tail rotor control linkages, and a new generation turbine engine with increased power and an increase in life to 4,000 hours. It's also armed with a range of features that increase maximum continuous power from five to thirty minutes. It has a new electronic engine control unit, full video and voice recording, and Terrain Awareness Warning Systems.

The new helicopter will be test flown and all pilots will conduct differences on type training with Garden City Helicopters instructor Neil Scott before it is repacked into a container and shipped to Brisbane. There it will be reassembled and flown the 25 hour ferry flight into Indonesia by Josh and Neil.

...continued from previous page

MJF Piper PA-31	New Plymouth Aero Club (Inc)	New Plymouth	Aeroplane
MTX Micro Aviation Bantam B22S	Taranaki Air Ambulance Trust	New Plymouth	Aeroplane
OAK Cameron Z275	Barry & Sally Readman	Hamilton	Microlight Class 2
OST Avid Heavy Hauler UL	Ballooning Canterbury.Com Ltd	Darfield	Balloon
PGA Cessna 510	Mr P J Karl	Hamilton	Microlight Class 2
RDF Rotor Hawk Falcon 1	NZ Jet Charters Limited	North Shore City	Aeroplane
RGG AutoGyro Europe MT03 eagle	Mr C M Wilson	Muhaka	Microlight Class 1
TJS Tecnam P92JS-UL	Gyrate NZ Limited	Mount Maunganui	Microlight Class 2
TKL Micro Aviation B22 Bantam	Kaitiako Aero Club (Inc)	Kaitiako	Microlight Class 2
TLH Horn TH-1	Robertson & Black Partnership	Westport	Microlight Class 2
TPV Pacific Aerospace Cresco 08-600	Mr D R Taylor	Whangarei	Microlight Class 1
TRF American Champion 8GCBC	Central South Island Helicopters Ltd	Oamaru	Aeroplane
TZF Robin R2160	Drake Aviation Ltd	Rangiora	Aeroplane
TZU Robin R2160	Cardinal Capers Limited	Auckland	Aeroplane
UAS DHC-1 Chipmunk Mk 22	North Shore Aero Club (Inc)	Albany	Aeroplane
UVW Cessna 152	Chipmunk 27 Limited	Hamilton	Aeroplane
WRU Cameron V-90	Helipro Aviation Training Limited	Paraparaumu	Aeroplane
ZZA Beech C90A	Ballooning Canterbury.Com Ltd	Darfield	Balloon
ZZC Cessna 172M	Skyline Aviation Limited	Napier	Aeroplane
	CMTW Limited	Taupo	Aeroplane

DEPARTURES - June/July 2012

BVR DHC-2 Beaver Mk 1	F R & M K Wright	Mount Maunganui	Aeroplane	Exp
ECR BAe Jetstream Model 3201	Airwork Flight Operations Limited	Manukau	Aeroplane	Exp
EZK Cessna 172M	EZK Limited	Palmerston North	Aeroplane	Dest
FFN Cascade Kasperwing	Mr G I Readman	Australia	Microlight C1	Exp
HBH Robinson R66	Heliflite Pacific Limited	Papakura	Helicopter	Exp
HHL Robinson R44 II	Pacific Plant Ltd	Manukau	Helicopter	Exp
HUK Aerospatiale AS 350B2	Helicopters (NZ) Limited	Nelson	Helicopter	Exp
HXZ Hughes 369D	Way to Go Heliservices Limited	Rangiora	Helicopter	Dest
IJK Eurocopter EC 120 B	Over The Top Ltd	Queenstown	Helicopter	Exp
JLX Kavanagh E-140	Early Morning Balloons Ltd	Hastings	Balloon	W/d
KCB Pacific Aerospace 750XL	Pacific Aerospace Limited	Hamilton	Aeroplane	Exp
NGF Boeing 737-3U3	Air New Zealand Ltd	Auckland	Aeroplane	W/d
NQC Boeing 737-219C	Airwork Flight Operations Limited	Manukau	Aeroplane	Exp
PGA Cessna 510	NZ Jet Charters Limited	North Shore City	Aeroplane	Exp
WLV Beech 58	Custom Fleet NZ Suite	Auckland	Aeroplane	Exp

ZK-SKF Air Tractor AT-504



RECENTLY arrived for Skyfarmers Aviation of Methven is a brand new AT-504 from Air Tractor in Texas. These agricultural aircraft have now been in production for over 50 years.

The AT-504 is a spray plane and trainer which is an excellent platform for aerial application instruction. Side-by-side cockpit seating with dual controls lets experienced pilots effectively train new turboprop pilots.

SKF will be used for both top dressing and spraying and has been fitted with a quick release hopper box to enable a quick changeover. Avtek in Timaru undertook the reassembly on arrival here as well as fitting the hopper box and GPS.

The AT-504 has a payload of 1870kg and after 60 hours work already, Duncan Hart from Skyfarmers says he is very pleased with its performance.

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NEW Robinson R22 Beta II. POA. Contact Brett, Heliflite Pacific (NZ) Ltd. Ph: (09) 2999 442, Email: brett@heliflitepacific.com



NEW Robinson R44 Raven I and II. POA. Contact Brett, Heliflite Pacific (NZ) Ltd. Ph: (09) 2999 442, Email: brett@heliflitepacific.com



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