

contributed by Penny Belworthy

## ZK-HNE Agusta-Bell AB139



ZK-HNE has recently been imported into New Zealand by HNZ New Zealand Limited and is being used for gas and oil support off the coast of New Plymouth. HNZ's operations began in late 1956 using one Bell 47 helicopter, spraying gorse for South Island farmers. More than fifty years on, HNZ operates a fleet of more than 45 helicopters and runs helicopter operations throughout New Zealand, Australia, and South-East Asia and has over 25 years experience in the rugged conditions of Antarctica.

The Agusta-Bell AB139 is a conventional layout twin-engined transport helicopter, fitted with a retractable tricycle landing gear. It is flown by a crew of two pilots, with up to 15 passengers accommodated in three rows of five. Originally designed and developed jointly by Agusta and Bell Helicopters, it was re-designated the Augusta-Westland AW139 when Bell withdrew from the project after 54 aircraft had been manufactured.

HNZ currently have three AW139s in their fleet, with two more on order and an option on a further two.

## ZK-AMA DHC-2 Beaver Mk 1



Auckland Seaplanes aims to continue the history of flying boats from Auckland Harbour and have imported a beautiful de Havilland DHC-2 Beaver, selected in part due to its short take-off and landing capabilities and the resulting minimal impact on other parties. Flights will be offered to Waiheke, Great Barrier and the many islands in the Hauraki Gulf as well as charters to the Bay of Islands, Coromandel and general scenic flights. Chief Executive of Auckland Seaplanes, Chris Sattler told me that the Beaver had been operated by a private individual in Canada as C-GBVR for the last 25 years, mainly to fly to his fishing lodge. With only about 4600 hours total time, they believe it is the second lowest time Beaver in the world.

The de Havilland Canada DHC-2 Beaver is a single-engined, high-wing, propeller-driven, STOL utility aircraft which first flew in 1967. The Beaver was designed for flight in rugged and remote areas of the world, with its short takeoff and landing capability making it ideal for operating to areas normally only accessible by foot, or canoe. The type has been widely used for cargo

provided courtesy of Hawker Pacific

and passenger hauling, aerial application, and also for utility purposes in various armed forces. A Royal New Zealand Air Force Beaver supported Sir Edmund Hillary's expedition to the South Pole.

The picture here of ZK-AMA was taken on its first public outing at the Auckland Maritime Museum 20th anniversary event. The original ZK-AMA was TEAL's first aircraft back in August 1939 - a Short S-30C Empire Class Flying Boat.

## ZK-MFS Urban Air UFM-13 Lambada



Mike Spruce of Greymouth describes his new Lambada as an elegant and versatile bird that could be registered as a motor-glider, light aircraft, or microlight as it comfortably fits into any one of these groups. It is one of the latest generation of high performance mid wing aircraft, built by Wings 'n Tracks, a leading manufacturer of light composite aircraft in South Africa.

The Lambada is a fully composite, side by side two seat design, with ample leg room and baggage space, ideal for fun flying, cruising and also for glider towing. MFS has optional wing extensions which increase the wingspan by two metres for a better glide ratio. Powered by a Rotax



### ARRIVALS - July / August 2013

ABC	Ryan ST-M S2	Mr N R Kruse	Cambridge	Aeroplane
AMA	DHC-2 Beaver Mk 1	Auckland Seaplanes Limited	Auckland	Aeroplane
BLD	Shearer TT1	Mr O R Shearer	Alexandra	Gyroplane
DAE	Diamond DA 40	Aeromotive Leasing Limited	Auckland	Aeroplane
HBN	Aerospatiale AS 350B1	The Alpine Group Limited	Wanaka	Helicopter
HKT	Aerospatiale AS 350B2	Airwork (NZ) Limited	Papakura	Helicopter
HMR	MBB BO 105 CBS-5	Rick Lucas Helicopters Limited	Palmerston North	Helicopter
HNE	Agusta AB139	HNZ New Zealand Limited	Nelson	Helicopter
IAZ	Hughes 369E	Jasra Helicopters Limited	Christchurch	Helicopter
LEN	McDonnell Douglas 500N	Heliventures NZ Limited	Qamaru	Helicopter
IMJ	Aerospatiale AS 350B2	The Helicopter Line Limited	Queenstown	Helicopter
IND	Bell 206L-1	Silver Fern Helicopters Limited	Silverdale	Helicopter
ISO	McDonnell Douglas 500N	Faram Aviation Group Limited	Hastings	Helicopter
IWA	Bell 206L-3	Ashworth Helicopters (2009) Ltd	GISBORNE	Helicopter
JLB	Piper PA-18-135	Mr J L Benbow	Nelson	Aeroplane
JRR	Gippsland GA8	Glenorchy Air Services & Tourist Co	Queenstown	Aeroplane
LMR	BRM Aero Bristol LSA	Aerohire Limited	Whakatane	Aeroplane
MCZ	Gippsland GA8	Milford Sound Flights Limited	Queenstown	Aeroplane
MFS	Urban Air UFM-13 Lambada	Mr M F Spruce	Greymouth	Microlight Class 2
OXB	Airbus A320-232	Air New Zealand Ltd	Auckland	Aeroplane
UXY	Alpha R2160i	Alpha Aviation Manufacturing Ltd	Cambridge	Aeroplane
ABE	Rans S-6ES Coyote II	Hawkes Bay East Coast AeroClub	Hastings	Microlight Class 2
AVM	Grumman G-44A	Mr W J Denholm	Auckland	Aeroplane

### TRANSFERS - July / August 2013

CGH	Cessna 185C	Remote Adventures Ltd	Takaka	Aeroplane
CNR	Cessna 182R	Palms on George Ltd	Pukekohe	Aeroplane
DAS	Cessna TU206A	Tandem Skydiving (2002) Ltd	Taupo	Aeroplane
DBI	Falconer F-12	Mr S K Wendler	Rangiora	Amat Aeroplane
DCD	Cessna 182H	Tandem Skydiving (2002) Ltd	Taupo	Aeroplane
DGR	Airborne XTS-912	Mr B Tuffnell	Christchurch	Microlight Class 2
DNO	Cessna A150L	Mr M A Fletcher	Ashburton	Aeroplane
DOQ	Piper PA-28-140	Mr I W Fletcher	Auckland	Aeroplane
DQV	Piper PA-28R-200	Arrow 5 Syndicate	Hamilton	Aeroplane
DYB	Jodel D.11	Mr A M Quayle	Pukerua Bay	Amat Aeroplane
EDA	Evans Volkplane VP-1 UL	Mr G A Whaimough	Hikurangi	Microlight Class 1
EYZ	Pterodactyl Ascender	Mr M S McMillan	Timaru	Microlight Class 1
FCQ	Cessna 152	Nelson Aviation College Ltd	Motueka	Aeroplane
FGE	Cessna 152	Roc On Aviation Limited	Wellington	Aeroplane
FJD	Piper PA-22-160	Rod Bryant & Ross Whetton Syn	Wanganui	Aeroplane
FIC	Cessna 152	Associated Aviation WGTN Ltd	Nelson	Aeroplane
FKV	Kolb Twinstar MarkII	Mr N J Roberts	Rangiora	Microlight Class 2
GKW	Schleicher ASW 27	Mr G R Scott	Murchison	Glider
GVQ	Schempp-Hirth Janus CM	Whangarei District Gliding Club	Whangarei	Power Glider
GXA	Schempp-Hirth Standard Cirrus	Barrie & McGrath Syndicate	Tauranga	Glider
GXC	Schempp-Hirth Discus b	Mr T R Hardwick-Smith	Eltham	Glider
GYH	Rolladen-Schneider LS 4-a	Mr N A Walker	Christchurch	Glider
HCB	Robinson R22 Beta	Aurum Helicopters Ltd	Cromwell	Helicopter
HCR	Robinson R44	Western Pacific Helicopters Limited	Wanaka	Helicopter
HEC	Eurocopter EC 130 B4	Tasman Helicopters Ltd	Motueka	Helicopter
HFH	Aerospatiale AS 350BA	The Helicopter Line Limited	Queenstown	Helicopter
HFL	Robinson R22 Beta	Mr M Carter	Feilding	Helicopter
HFS	Eurocopter AS 355 F2	Heletranz Limited	Auckland	Helicopter
HFT	Hughes 369E	Lister Helicopters Limited	Milton	Helicopter
HGU	Robinson R44 II	Wanaka Helicopters Ltd	Wanaka	Helicopter
HHL	Robinson R44	Mr H A Adams	Hokitika	Helicopter
HNB	Kawasaki BK117 A-4	Airwork (NZ) Limited	Papakura	Helicopter
HRI	Robinson R22 Beta	Outback Helicopters Ltd	Pongaroa	Helicopter
HST	Aerospatiale AS 350B2	Heletranz Limited	Auckland	Helicopter
HTV	Eurocopter EC 120 B	Heletranz Limited	Auckland	Helicopter
HUW	Hughes 369D	H E Clementson Limited	Westport	Helicopter
HVV	Robinson R44 II	Mr S D McFarlane	Hamilton	Helicopter
HXM	Robinson R44 II	Fiordland Enterprises Limited	Te Anau	Helicopter
HZF	Schweizer 269C	Helicopters Hawkes Bay 2006 Ltd	Hastings	Helicopter
IAG	Schweizer 269C	Helicopters Hawkes Bay 2006 Ltd	Hastings	Helicopter
IBQ	Aerospatiale AS 350BA	The Helicopter Line Limited	Queenstown	Helicopter
IDQ	Eurocopter AS 350 B3	The Helicopter Line Limited	Queenstown	Helicopter
IHE	Robinson R44 II	Heletranz Limited	Auckland	Helicopter
IHN	Robinson R44 II	Mr R J Lane	Auckland	Helicopter
IMD	Hughes 369E	Heli A1 Limited	Otorohanga	Helicopter
INM	Hughes 369E	Mount View Developments Limited	Wanaka	Helicopter
INP	Robinson R44 II	Heletranz Limited	Auckland	Helicopter
IPV	Eurocopter EC 130 B4	Helicopter Corporation Limited	Hamilton	Helicopter
ITT	Robinson R44 II	Mount Peel Limited	Gore	Helicopter
IVV	Robinson R22	Mr C J Deroles	Winton	Helicopter
JCC	Cessna 152	Helipro Aviation Training Limited	Paraparauamu	Aeroplane
JDC	Cessna 152	Roc On Aviation Limited	Wellington	Aeroplane
JNR	Airborne Windsports Edge X 582	Christine & Robert Oliver	Gore	Microlight Class 2
KCC	Piper PA-28-181	G & J Hales Limited	Paparoa	Aeroplane
KCC	Piper PA-28-181	Pacific Pilot Training Limited	Nelson	Aeroplane
LIJ	Evektor - Aertechnik Sportstar Plus	Pacific Pilot Training Limited	Nelson	Aeroplane
MAC	Quad City Challenger II	The Mad Syndicate	Franz Josef Glacier	Microlight Class 2
MAD	Piper PA-34-220T	Air Napier Limited	Napier	Aeroplane
MDR	Cessna 172N	Mr S D Bamford	Balclutha	Aeroplane
MIS	Vans RV 7A	Petrovich NZ Limited	Lower Hutt	Amat Aeroplane
MSF	Britten-Norman BN2A-26	OFD Ostfriesischer Flug Dienst GmbH	Papakura	Aeroplane
NPT	Evektor - Aertechnik Sportstar Plus	Pacific Pilot Training Limited	Nelson	Aeroplane
PKT	Alpi Aviation Pioneer 200	Mr S Amstad	Christchurch	Microlight Class 2
RCH	Rotor Flight Dominator	Jinpole Limited	Auckland	Gyroplane
RMX	Cessna 172M	Mr M R Gardner	Vaiau	Aeroplane
ROC	Piper PA-34-200	Helipro Aviation Training Limited	Paraparauamu	Aeroplane
ROK	Pacific Aerospace 750XL	Skydive Wanaka Limited	Wanaka	Aeroplane
SAT	Air Tractor AT-402B	Skyfarmers Aviation Ltd	Ashburton	Aeroplane
SBD	Micro Aviation Bantam B22J	Mr J R Liensarts	Huntly	Microlight Class 2
SJR	Airborne Windsports Edge X 582	Mr J R Sharp	Darfield	Microlight Class 2
SKZ	Cessna U206F	Tandem Skydiving (2002) Ltd	Taupo	Aeroplane
TEB	Tecnam P96 Golf	Mr C W Johnston	Hastings	Microlight Class 2
TSS	Britten-Norman BN2A-26	OFD Ostfriesischer Flug Dienst GmbH	Papakura	Aeroplane
TWN	Tecnam P2006T	Ardmore Aviation Services Ltd	Papakura	Aeroplane
TZX	Cessna 172S	Izard Pacific Aviation Ltd	Taupo	Aeroplane
TZX	Slingsby T67M200	Mr T M Dance	Albany	Aeroplane
UVV	Cessna 152	Air Manawatu Ltd	Feilding	Aeroplane
WER	Alpi Aviation Pioneer 200	Mr S M Inness	Hamilton	Microlight Class 2
ZGR	Cessna 152	Air Hawkes Bay Limited	Hastings	Aeroplane



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912ULS, it cruises effortlessly at around 90 knots. Its powered range exceeds six hours, and on good soaring days it is capable of covering long-distances using only a few minutes of fuel to launch. In the 2008 NASA challenge, the Lambada won the Lowest Community Noise, Quietest LSA, and Lowest Cabin Noise awards.

Mike's aircraft has logged more than 500 hours touring Southern Africa, visiting over 60 different airfields along the way, from international airports to short grass strips in the bush.

### ZK-TKB Rans S-7 Courier

AFTER reviewing all of the modifications available for the Rans S-7 and added those he liked, Phil Meredith has built his Rans S7 Courier unlike any other S7 in NZ. After all, that is what building your own aeroplane is about - taking a design and making it yours.



It has removable aluminium cockpit sides and clear full length doors, a STOL kit is fitted with control gap seals and wing fences and high to low pressure guides to redirect the air flow over the flaps. The flaps are 40% larger than the standard S-7 and the ailerons are 20% larger. These flaps are tapered with the end the same width as the aileron. The wing tips are modified, the original wing tanks have been removed to put the longer range tanks in giving a total of 37 US gallons. At the front end is an enhanced and ported/polished Lycoming

#### DEPARTURES - July / August 2013

BEL	Cessna 180	Southair Ltd	Mosgiel	Aeroplane	Dest
CGJ	Cessna 180A	Mr M B Thomas	Geraldine	Aeroplane	Dest
CHX	Jodel D9 UL	Mr C W Richmond	Stratford	Microflight C1	Dest
CSD	Diamond DA20-C1	CTC Aviation Training (NZ) Ltd	Hamilton	Aeroplane	Dest
DTM	Cessna 310P	Photo Survey Limited	North Shore City	Aeroplane	W/d
DYX	NZ Aerospace FU24-950	Southair Ltd	Mosgiel	Aeroplane	W/d
EYD	Piper PA-38-112	Canterbury Aero Club (Inc)	Christchurch	Aeroplane	Dest
FUJ	Gordon Bedson Resurgam	Mr J M Hiller	Havelock	Microflight C1	W/d
FJT	Piper PA-28-181	Canterbury Aero Club (Inc)	Christchurch	Aeroplane	Dest
HEE	Kaman K-1200	Skywork Helicopters K-Max Limited	Warkworth	Helicopter	Exp
HJT	Hughes 269B	Mr L C Bargh	Hastings	Helicopter	W/d
HKE	Robinson R22 Beta	Forest Range Ltd	Tarras	Helicopter	Dest
HQD	MBB MBB-BK117 B-2	Airwork (NZ) Limited	Papakura	Helicopter	Exp
HTA	Bell 206B	Marlborough Helicopters Ltd	Blenheim	Helicopter	Dest
HTQ	Robinson R22 Beta	Bendigo Station Partnership	Wanaka	Helicopter	Dest
HUN	Bell 47G-5A	Media Helicopters Limited	North Shore City	Helicopter	Exp
HYO	Kawasaki BK117 A-4	Rick Lucas Helicopters Limited	Palmerston North	Helicopter	Exp
IHN	Robinson R44 II	Mr R J Lane	Auckland	Helicopter	Exp
JFW	Free Flight K1	Mr C F Alexander	Tauranga	Microflight C1	Exp
JGB	Cessna 152	Air Manawatu Ltd	Feilding	Aeroplane	Dest
JSJ	Solar Wings Pegasus XL-R	Mr A G Brown	Geraldine	Microflight C2	W/d
KAL	Cessna 182P	Blue Skies Skydiving Limited	Auckland	Aeroplane	Dest
KTZ	Cessna 152	Air Manawatu Ltd	Feilding	Aeroplane	Dest
LAV	Cessna 207A	Milford Sound Flights Limited	Queenstown	Aeroplane	Dest
LGR	Britten-Norman BN.2A Mk.III-1	Great Barrier Airlines Flight Op Ltd	Manukau	Aeroplane	W/d
LIB	Piper PA-28-181	Canterbury Aero Club (Inc)	Christchurch	Aeroplane	Dest
NDY	Cessna 404	Ashburton Air Services Limited	Ashburton	Aeroplane	Exp
NGE	Boeing 737-3U3	Air New Zealand Ltd	Auckland	Aeroplane	Exp
NNN	Piper PA-44-180	Woodlands Services Limited	Nelson	Aeroplane	Exp
OBI	Beech B19	Mr O B Wilson	Blenheim	Aeroplane	W/d
OOO	Solar Wings Quantum Sport	Mr M Gordon	Tauranga	Microflight C2	W/d
PIG	Murphy Renegade II	Mr W A Scarlett	Christchurch	Microflight C2	Dest
PPC	Alliant Aviation Fusion	Mr N R Allwood	Auckland	Microflight C2	Dest
TRC	Cessna 421C	Air Manawatu Ltd	Feilding	Aeroplane	Exp
YOU	Solo Wings Windlass Aquilla	Mr B R Backhouse	Wanganui	Microflight C2	Dest
ZQN	Britten-Norman BN2B-26	Milford Sound Flights Limited	Queenstown	Aeroplane	Exp

O-235 engine giving around 130hp spinning a Brent Thompson propeller. It has a Fat Boy tail wheel with reinforced double spring and a keel beam in the lower fuselage. The extremely large main wheels are suitable for just about any sort of rough airstrip landings.

Test pilot Evan Belworthy says the ride on the ground is like on a soft mat with the large wheels soaking up all bumps. The clear doors provide for good vision everywhere and the aircraft has nil vices. Stall is a non-event and recovery is almost immediate, the cruise sets up around 85 knots and is very stable, the approach and landing is the aeroplanes favourite place where it comes in slow and then just mushes down giving a smooth and very short landing. Evan describes TKB as "Very comfortable fun, with great views and an ability to fly in to and out of quite small paddocks."

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