

Contributed by Penny Belworthy

ZK-JAD Rans S-19



THE S-19 is a low wing, 2 seat side by side monoplane of traditional aluminum construction, featuring a constant chord wing. The structure is of "monocoque" (stressed skin) carrying most of the strength through the aluminum skins. The skins are supported with an internal structure of bulkheads and stringers to maintain shape, providing useful advantages in airframe construction.

In production since late 2008, the S-19 Venterra has already been a popular choice for over a hundred kit builders worldwide. Daryl McIntyre of Wanganui chose this aircraft due to the all aluminum construction as he didn't want to work with any composite materials. Also the sliding canopy appealed.

Daryl says that test flying of ZK-JAD helped to prove how safe the design was, as when trying to test the stall speed the aircraft was pulled back to under 40kts and "just sat there". Daryl has used the Jabiru 3300 engine although there is the option of using a Rotax engine. This S-19 is the first to fly in New Zealand, with two others currently under construction. Daryl completed his in just 1100 hours by working on it most nights and weekends.

ZK-LIL Bush Caddy R-80

GRAHAM Johnson decided on a Canadian Bush Caddy because it was the closest microlight that looked and performed like a Cessna 180 that he could build. He bought the kit from Bushcaddy Aircraft Canada.

The Bush Caddy was developed as a bush plane and performs equally well on wheels, skis or floats. It offers low landing speeds combined with good control and stability, making access to remote places easy. With a 4 hour fuel range it also has good cross country potential.

This aircraft is a first of type for New Zealand and has an all metal airframe and solid riveted cabin construction. When Graham received his kit it contained lots of rolls of aluminium and has taken him five years to complete.



Graham has powered ZK-LIL with a Rotax 912 using a three blade ground adjustable propeller which should produce a cruise speed of around 95kts and stall around the high 20's. Graham has opted for the tail dragger version with a tail wheel and brakes. It has wide cabin doors that swing upwards under the wing and side by side adjustable seating. The full span windshield, wide door windows and low instrument panel provide excellent visibility. LIL's CAA inspection is due shortly.

ZK-MIV Pulsar XP

NOW OWNED by Jerry Savage of Rangiora, this aircraft has a very interesting history. The Pulsar was originally constructed in South Africa by a builder whose intent was to fly it around the world to America. Unfortunately just before it was due to fly, he was injured in a motorbike



accident and so the aircraft was sold. The industrialist who bought it, stripped out all the 'good stuff' and the aircraft just sat. It was then bought by an Aucklander who owned it for 18 months without getting it going so put it on Trademe which is when Jerry purchased it.

In the 9 months since, Jerry has reassembled it including contacting the South African industrialist and getting back all the original 'stuff' which included the instruments, the auto pilot and the GPS. He has repainted the wings and tail with a sunburst. The Pulsar ZK-MIV is an all composite, 2 seat, side by side, tail dragger aircraft that has now had a modified fuel system and new brake and rudder cables fitted. Jerry is expecting a 130kt cruise from the 912ULS Rotax engine and hopes to have his new aircraft ready for flying at the end of February.

More aircraft are detailed on the following pages.

ARRIVALS - December/January 2011

| | | | |
|------------------------------------|-----------------------------------|-----------------|--------------------|
| ABE Rans S-6ES Coyote II | Wairarapa & Ruahine Aero Club | Masterlon | Microlight Class 2 |
| DIZ Jabiru Jabiru J230 UL | Mr D G Jacobs | Parapararumu | Microlight Class 2 |
| DVN De Havilland D.H.104 Devon C.1 | Central Flying School (RNZAF) | Manawatu | Aeroplane |
| GNF Grob G103 Twin II | K A & J M Wisniewski | Inglewood | Glider |
| GXT Schempp-Hirth Duo Discus T | Tauranga Gliding Club (Inc) | Tauranga | Power Glider |
| IEC Eurocopter EC 130 B4 | Tasman Helicopters Above & Beyond | Motueka | Helicopter |
| IMB Aerospatiale AS 350B | Salt Air Limited | Paihia | Helicopter |
| ING Hughes 269B | Mr N W Gray | Hokitika | Helicopter |
| IPT Kawasaki BK117 B-1 | Skyline Aviation Limited | Napier | Helicopter |
| IRB MDHI 369E | Skysales Aviation (NZ) Ltd | Christchurch | Helicopter |
| IXW Bell 429 | Advanced Flight Limited | Auckland | Helicopter |
| JAD Rans S-19 | Mr R D McIntyre | Wanganui | Microlight Class 2 |
| JAX Tecnam P2008 | Ardmore Aviation Services Ltd | Papakura | Microlight Class 2 |
| KBI Pacific Aerospace 750XL | Pacific Aerospace Limited | Hamilton | Aeroplane |
| LIL Bush Caddy R-80 | G Johnson | Leeston | Microlight Class 2 |
| MIV Aero Designs Inc. Pulsar XP | Savco Limited | Rangiora | Microlight Class 2 |
| MIT Just Aircraft Highlander | Thompson and Hood 2007 Limited | Ashburton | Microlight Class 2 |
| MMM Hawker Beechcraft B300 | Woodlands Services limited | Nelson | Aeroplane |
| MPC Titan T51 Mustang | Mr M P Cantlon | Maungarua | Amateur Aeroplane |
| OAB Airbus A320-232 | Air New Zealand Ltd | Auckland | Aeroplane |
| OKM Boeing 777-319ER | Air New Zealand Ltd | Auckland | Aeroplane |
| RJV Alpi Aviation Pioneer 300 | Glencora Jersey Stud Ltd | Karemea | Microlight Class 2 |
| TWN Tecnam P2006T | Bay Flight Aviation Limited | Tauranga | Aeroplane |
| WTE RANS S-6S Coyote II | Waimate Aero Club (Inc) | Waimate | Microlight Class 2 |
| ZKC Rans S-7S Courier | The Hedgehope Trust | Dunedin | Microlight Class 2 |
| ZMM AutoGyro Europe Calidus Fern | Gyrate NZ Limited | Mount Maunganui | Microlight Class 2 |
| ZZT Tecnam P2002 Sierra | Mr R W V Izard | Taupo | Microlight Class 2 |
| BDE Cessna 180 | Mr A K Gallagher | Woodend | Aeroplane |
| HAW Kawasaki BK117 A-3 | Helilink Limited | Auckland | Helicopter |
| SYR Evans VP-1 | Mr M Syron | Auckland | Amateur Aeroplane |

TRANSFERS - December/January 2011

| | | | |
|--------------------------------------|---------------------------------------|------------------|--------------------|
| BAD Cessna A150L | RNZAF Base Ak Aviation Sports Club | Waitakere | Aeroplane |
| BYV Cessna 150 | Breetvelt Syndicate | Auckland | Aeroplane |
| CVM De Havilland Canada DHC-1A-1 | Matahui Airlines Limited | Kaitiaki | Aeroplane |
| CXL Cessna 150H | CXL Limited | Kaukapakapa | Aeroplane |
| DEF Piper PA-32-260 | Pratt Family Trust | Karemea | Aeroplane |
| DJM Cessna A185F | Farmers Air Ltd | Gisborne | Aeroplane |
| DSH Cessna 182K | Mr M C Thorp | Paeroa | Aeroplane |
| DXV Cessna 182P | J D Murray Ltd | Queenstown | Aeroplane |
| DZM NZ Aerospace FU24-950 | Phoenix Aviation Ltd | Gore | Aeroplane |
| EJT Cessna 172N | Nelson Pilot Training Limited | Nelson | Aeroplane |
| ENE North American Harvard 3* | Mainland Air Services (2010) Ltd | Mosgiel | Aeroplane |
| ETK Cessna 172N | Air Fiordland Limited | Te Anau | Aeroplane |
| ETK Cessna 172N | Fly Fiordland Limited | Te Anau | Aeroplane |
| EVC Piper PA-38-112 | Mr D O'Reiligh | Christchurch | Aeroplane |
| EZG Piper PA-38-112 | Proxim Aviation Limited | Auckland | Aeroplane |
| FDB Flight Design CTLS | Henk Meerkerk Family Trust | Tokoroa | Microlight Class 2 |
| FIG Cessna 172S | Wakatipu Aero Club (Inc.) | Queenstown | Aeroplane |
| FJH Cessna P206E | Wilderness Wings Limited | Hokitika | Aeroplane |
| FVG Micro Aviation B22 Bantam | Mr R L Hall | Auckland | Microlight Class 2 |
| GID Glasflugel Standard Libelle 201B | Mr B D Ruddell | Kaero | Glider |
| GNE Grob G103 Twin II | Glider Rentals Limited | Omarama | Glider |
| HDE Aerospatiale AS 350BA | Helicopters (NZ) Ltd | Nelson | Helicopter |
| HFK Aerospatiale AS 350B2 | The Helicopter Line Ltd | Queenstown | Helicopter |
| HJE Aerospatiale AS 350BA | The Helicopter Line Ltd | Queenstown | Helicopter |
| HJU Aerospatiale AS 350BA | The Helicopter Line Ltd | Queenstown | Helicopter |
| HLU Robinson R22 Beta | Boutique Agistment Limited | Hamilton | Helicopter |
| HMN Hughes 369D | Alpine Choppers Ltd (in Receivership) | Queenstown | Helicopter |
| HNQ Aerospatiale AS 350B2 | The Helicopter Line Ltd | Queenstown | Helicopter |
| HSE Aerospatiale AS 350B | Partner Group Limited | Auckland | Helicopter |
| HTG Robinson R44 II | Precision Helicopters Ltd | Urenui | Helicopter |
| HUV Robinson R22 Beta | Tussock Helicopters Limited | Tuatopere | Helicopter |
| HVZ Hughes 369E | Waimana Helicopters 2010 Ltd | Waimana | Helicopter |
| IDD Hughes 369D | Action Helicopters Ltd | Moutere | Helicopter |
| IDQ Eurocopter AS 350 B3 | Search And Rescue Services Ltd | Taupo | Helicopter |
| IFZ Eurocopter EC 120 B | HID Holdings Limited | North Shore City | Helicopter |
| IIE Hughes 369E | Amalgamated Helicopters NZ Ltd | Masterlon | Helicopter |
| IMA Robinson R22 Beta | Kitto Helicopters Limited | Balclutha | Helicopter |
| IMF Robinson R44 II | Frontier Helicopters Limited | Whakatane | Helicopter |
| INO Hughes 369E | Frontier Helicopters Limited | Whakatane | Helicopter |
| ISG Robinson R44 | Rotors in Motion Ltd | Taupo | Helicopter |
| IVV Robinson R22 | Reid Heslop Helicopters Limited | Wakefield | Helicopter |
| IWP Robinson R44 II | Keith Sinclair Trust | Auckland | Helicopter |
| JCL Cessna 172RG | Tongariro Aviation Limited | Turangi | Aeroplane |
| JCS Cessna U206G | East Bay Aviation Ltd | Whakatane | Aeroplane |
| JER Grumman American AA-5A | Air Gisborne Ltd | Gisborne | Aeroplane |
| JKH Cessna A185F | Wanaka Bowmar Limited | Wanaka | Aeroplane |
| JNG Tecnam P2002 Sierra | Hauraki Aero Club (Inc) | Thames | Microlight Class 2 |
| JOF Pacific Aerospace Cresco 08-600 | Farmers Air Ltd | Gisborne | Aeroplane |
| JPE G Pereira GP-4 | The Logan Family Trust | Auckland | Amateur Aeroplane |
| JQN Pietenpol Air Camper M/L | Mr G B Morgan | Greymouth | Microlight Class 2 |
| JRE Cessna 172S | Dereck Souter Limited | Auckland | Aeroplane |

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| KFA Tecnam P2002 Sierra | BD & JL Mackie Partnership 1 | Napier | Microflight Class 2 |
| KPM Cessna U206G | Tongariro Aviation Limited | Turangi | Aeroplane |
| LFZ Piper PA-38-112 | C W Fogden Limited | Kamo | Aeroplane |
| LTU Pacific Aerospace Cresco 08-600 | Farmers Air Ltd | Gisborne | Aeroplane |
| MAW Gippsland GA200 | RidgeAir Limited | Richmond | Aeroplane |
| MBF Piper PA-28-161 | Eagle Flight Training Limited | Papakura | Aeroplane |
| MBH Piper PA-28-161 | Eagle Flight Training Limited | Papakura | Aeroplane |
| MBJ Piper PA-28-161 | Eagle Flight Training Limited | Papakura | Aeroplane |
| MDO Cessna A152 | MDR Aviation Ltd | North Shore City | Aeroplane |
| MDR Cessna 172N | Glenorchy Air Services & Tourist Coy | Queenstown | Aeroplane |
| MDS Cessna 152 | MDR Aviation Ltd | North Shore City | Aeroplane |
| ROK Pacific Aerospace Cresco 08-600 | Otago Airspread Limited | Mosgiel | Aeroplane |
| SIO Rans S-10 Sakota | Thompson Aeronautical Ltd | Christchurch | Microflight Class 2 |
| SYD Alpi Aviation Pioneer 200 | K S Harvey | Southland | Microflight Class 2 |
| TOW Piper PA-18A-150 | TOW Syndicate | Tauranga | Aeroplane |
| XRE Grumman American AA-5 | Trilogy Aviation Limited | Palmerston North | Aeroplane |
| YTW Aerostar Yak-52TW | Chipleigh Trust | Palmerston North | Aeroplane |

DEPARTURES - December/January 2011

| | | | | |
|-----------------------------|----------------------------------|-----------------|---------------|------|
| CNN Piper PA-28-140 | J F Managh Family Trust | Napier | Aeroplane | W/d |
| DRK Gardan GY-20 Minicab | Mr D R King | Tauranga | A/B Aeroplane | W/d |
| EDR Jodel D.11 | Mr N I Furnage | Queensland | A/B Aeroplane | Dest |
| EFO Jabiru Jabiru 230D | Euroflight International Limited | Mount Maunganui | Aeroplane | Dest |
| EJD Cessna 207 | Air Fiordland Limited | Te Anau | Aeroplane | Exp |
| EKN Cessna 172N | Ansky Holdings Limited | Whitianga | Aeroplane | Dest |
| HAW Kawasaki BK117 A-3 | Helilink Limited | Auckland | Helicopter | Exp |
| HAW Kawasaki BK117 A-3 | Helilink Limited | Auckland | Helicopter | Exp |
| HDE Aerospatiale AS 350BA | Helicopters (NZ) Ltd | Nelson | Helicopter | Exp |
| HOQ Hughes 369D | Mr R M Cotton | Arrowtown | Helicopter | Dest |
| HQJ Hughes 369D | Oceania Aviation Limited | Papakura | Helicopter | Exp |
| JTS Boeing 737-476 | Jetconnect Limited | Manukau | Aeroplane | Exp |
| KAQ Pacific Aerospace 750XL | Pacific Aerospace Limited | Hamilton | Aeroplane | Exp |
| KAV Pacific Aerospace 750XL | Pacific Aerospace Limited | Hamilton | Aeroplane | Exp |
| MRS Mooney M20J | Moore Air Trust | Tauranga | Aeroplane | Exp |
| PDH Beech C23 | Peter Hodgkinson Autos Limited | Nelson | Aeroplane | W/d |
| TZM Robin R2160 | Alpha Aviation Manufacturing Ltd | Hamilton | Aeroplane | Exp |

ZK-TWA Aviat A-1C-180

WHEN I spoke to Jack Schulte of Redrock Aviation Ltd. last month his Husky aircraft was still on the water. Now the aircraft has arrived in Nelson and in just a few weeks has done 60 hours of flying.



Colin Hunter photo

The aircraft was built by Aviat Aircraft Inc in Afton, Wyoming and was re-assembled by a Licensed Aircraft Mechanical Engineer from Aviat who was in NZ to also re-assemble a Pitts that had arrived at the same time as Jack's Husky.

Though based on the famous Super Cub, the Husky is a completely new design which was certified in 1987 and of which there are about 1000 aircraft now flying. While retaining its general look and tandem seating arrangement, the Husky is larger, more powerful, has a greater range, and can carry a bigger payload. It is used by flight schools as a trainer, by small operators for pulling aerial advertising banners, or towing gliders, and by recreational pilots. Some overseas Government and police agencies use these aircraft for enforcement duties.

Jack's Husky has an oil-injected frame tubing fuselage making it corrosion proof from the inside out. The power plant is a Lycoming 0-360-AIP with a Hartzell constant speed propeller. It has 29 inch Alaskan bushwheel tundra tires and a small tail wheel at the rear. The cockpit is fitted with basic avionics, a gyro panel and vacuum system plus a GPS and an inflatable air bag for the pilot. The only uses 120 metres to take off on a sealed runway with full flaps and lands in about the same. Jack says that the big Tundra tyres (inflated to 8 psi) act like glue on touchdown.

ZK-OKM Boeing 777-319

AIR New Zealand Limited has ordered five Boeing 777-300ER aircraft to replace its older Boeing 747-400s, with options on two more. The first aircraft, ZK-OKM, completed its maiden flight on 8 November 2010, and was handed over to Air New Zealand at Boeing's Everett, Washington plant on 22 December 2010.

KiwiFlyer Event Guide

March 12th - 14th

Gyro Fly-in at Murchison

All aircraft welcome. Dinner on Saturday. Nearby accommodation. Contact Jan 027 4512 497 or j.aberhart@heslops.co.nz

March 14th - 18th

AIA Aviation Training Week

At the Holiday Inn, Auckland. Includes Safety Management Symposium. Just Culture training 14-15 March Risk Management training 16-18 March Process Communication 16-18 March NZTE Seminar 17-18 March AEANZ Prof Devpt Course: Composite Fabrication & Repair 14-15 March. CAA IA Course 16-17 March More info. from: www.aia.org.nz

March 19th

Gathering of Mustangs at Matamata

Titan T-51 Mustang owners and friends are gathering at Matamata for lunch and an evening bbq. Accommodation available on airfield. Contact Mike Crene 027 667 4400 or email: mike@kiwimustangs.com

March 26th - 27th

Waikato Microlight Club Open Day

At Collins Rd, Hamilton. Family day for the club to show the public what recreational aviation is all about. Intro flights available. Many other attractions including some for the kids. Contact Gavin by email: gmbrown@kinect.co.nz for more information, or visit www.wmlc.co.nz for updates as the date gets closer.

April 2nd - 3rd (reserve 9th - 10th)

2nd Great Central Otago Pinot Chase

And Fly-in at Alexandra airport. Optional 1 and 2 day program. Re-enacting the famous annual UK/France "Beaujolais Run" with a NZ twist. Join a vineyard walk, wine tasting, long lunch, winery tour and informal presentation dinner. Prizes and certificates for a Navigation shootout. Registration essential. Contact Wayne by email: waynejmatheson@gmail.com or phone: 027 224 7447

April 22nd - 24th

Classic Fighters Airshow at Omapa

Don't miss NZ's biggest aviation event in 2011. Huge range of WWI and WWII aircraft including debuts of Fw190, Yak-3, Strikemaster and more. Check details on: www.classicfighters.co.nz

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For more information contact the New Zealand agent Colin Marshall at Aeroflight Aviation Phone 03 312 5402 or 0274 125 402, email: colin-m@xtra.co.nz www.evktor.cz/sportstar/

650 Flying in 42 countries - This aircraft must be good!