**VH-BVS Twin Otter Serial no #90**

Work carried out 2009 to 2016 on refurbishment/rebuild costing $US3m.

**Avionics**

Factory new Dual Garmin G600 Primary glass cockpit displays.

Factory New Garmin GWX 68 weather Radar displayed on both G600 displays. Horizontal and vertical profile radar.

Overhauled GNS530W ( WAAS) GPS/NAV/COM with TAWSB ( EGPWS) .

Taws information is also displayed on G600 displays.

Factory new STEC 65 Autopilot coupled to both G600 displays. It has been upgraded with GPS roll steering and Altitude Pre-select. Auto pilot is switched on the instrument panel from Pilot Primary control to Co-pilot primary control.

Overhauled GNS430W (WAAS) GPS/NAV/COM

Bendix King KN62 DME

Factory New King KT 74 Mode S Transponder and Sandia SAE35 encoder.

Factory New Garmin GMA340 Audio Panel, capable of both pilots transmitting independently.

Bendix King KR87 ADF system displayed on the G600 displays.

Electronics international Glass engine instrument system (STC) including all new TQ transmitters, fuel tank probes, fuel flow transmitters, oil pressure transmitters. Also displays Battery voltage, flap positions, brake and hyd pressure. It is also capable of fuel planning Etc.

Cabin / Cockpit

New Aeroplastics Cabin interior kit. Upgraded to include New Cabin Gasper ducts.

LED passenger lighting and new lower heating ducts.

New Cockpit interior plastics

New glareshields

Pilots and Co-pilots seating fully Re-furbished.

Pilots and co-pilots seat cushions and covers New

Overhauled Air stair door installed with door warning system.

Cabin cargo door refurbished.

Cabin RH door refurbished.

New Cabin honeycomb floor panels installed.

Configured for 20 Utility type seats. (easily folded for freight)

Utility seats Re-furbished and re-painted with new seat belts and covers.

New Cabin inner tinted windows.

New Cabin windows.

New pilotswindows and windscreens.

**Airframe:**

**Beta back up** system installed.

**Propeller Autofeather** system installed

Nose landing gear and steering actuator overhauled.

Flight controls overhauled/ repaired as necessary.

New flight control cables, primary and secondary trimming cables.

**New engine control cables.**

**Airframe centre fuselage** fitting replaced ( zero times the fuselage) at around 25,000 hrs/ 50000 cyc remaining.

**Factory New 300 series wings installed.**

New Cleveland Main wheels and brakes Assy’s

New Goodyear nose wheel.