

# **V1.0** EQUIPMENT LIST

(V10.12.18)



***IMPORTANT NOTE: this document is a general description of the aircraft equipment only. It is not a technical document and is to be used only for the purpose of generally describing the aircraft standard equipment.***

## ***POWERPLANT AND PROPELLER***

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### **Engines:**

One Textron Lycoming IO-360-M1A 180HP @ 2,700 RPM, 4 Cylinders, Direct Drive, Normally Aspirated, Fuel Injected (Bendix Type) Tuned Induction, Horizontal Opposed, Air-cooled with incorporated oil jets for internal piston cooling.

### **Engine Mounts:**

Dynafoal Type, One  
Engine shock absorber Kit, One

### **Oil System:**

Oil Filters Cartridge Type, One  
Oil Coolers Full Flow, One

### **Air Intake System:**

Air Filter Foam Type, One  
Alternate source w/Manual Control, One

**Geared Starter:** One

### **Propeller:**

Hartzell, Two Blade, Constant Speed Propeller, One  
Propeller Spinner, One, Chromed

**Cross-Over Exhaust System with Muffler:** One

## ***FLIGHT INSTRUMENTS AND INDICATORS***

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**DIGITALPRIMARY/MULTIFUNCTION DISPLAY GARMIN G500 Txi, One**

**Magnetic Compass (Illuminated), One**

**Stand-by Altimeter/Airspeed Indicator/Attitude Indicator Mid-Continent MD302 with internal back up battery , One**

**1st Heated Pitot System**

**Chronometer**

**Outer Temperature**

**Engine Hour-Meter**

## **COCKPIT, FLIGHT AND GROUND CONTROLS**

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### **Dual primary Flight Controls**

**Main Landing Gear, Cantilever Leaf Spring**  
**Nose Landing Gear, Hydro-mechanic**

### **Engine Control Pedestal mounted with adjustable friction:**

Throttle, One  
Mixture, One

### **Flight Trim Controls:**

Stabilator: Mechanic wheel on Pedestal with Indicator

### **Alternate Source Engine Air Inlet Control**

### **Alternate Instrument static Source and Control**

### **Heavy Duty Brake System:**

Pilot Toe Brake Cylinders  
Co-pilot Toe Brake Cylinders  
Parking Brake

### **Stall Warning System:**

Stall Warning Horn  
Stall Detector

### **Main Wheels 6.00-6 Tyre and Tubes, Two**

### **Nose wheel 5.00-5 Tyre and Tubes**

**Flap Position Electric Control:** Continuous for extension operation; One touch for full retraction operation

**Fuel Selector, One:** Left, Right; Shut-off;

### **Cockpit Switches Internally Lighted:**

Magneto and Ignition Key , One  
Fuel Pump, One

### **Mic Button on Control Wheel**

### **Mic /Phone Jacks, Four**

### **Lighted Instruments**

## ***ELECTRICAL SYSTEMS***

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**24 Volt, 12 Amp/Hour Battery (Concorde RG24-12)**  
**70 Ampère Alternator 28Vdc, One**  
**Avionics Master Relay**  
**Master Switch Relay 1**  
**Solid-State Voltage Regulator with internal Over Voltage protection, One**  
**Resettable Circuit Breakers**  
**External Power Supply Receptacle**  
**Static Discharge Wicks**

## ***FUEL SYSTEM***

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**Two Fuel Tanks with 52.8 Gallons (200 litres) Total Capacity**

**Auxiliary Electric Pump, One**

**Individual Fuel Tank Quick Drain, Two**

**Fuel Strainer, Two**

**Fuel Filter, One**

## ***LIGHTING SYSTEMS***

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### **EXTERIOR LIGHTING:**

**Navigation Light (LED)**

**Recognition Lights Wing Tip, Two (LED)**

**Strobe Lights-Comet Flash Wing Tip, Two**

**Strobe Light Tail**

**Taxi Light**

**Landing Light**

**INTERIOR LIGHTING: Map Light & Cabin Reading Lights**

## ***CABIN COMFORT SYSTEM***

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**Cabin Heating System (Engine Exhaust System)**

**Cabin Fresh Air Vents**

**Left Pilot Cabin Door with Padded Armrest and Openable Porthole Assembly for Extra Ventilation**

**Right Co-Pilot Cabin Door with Padded Armrest and Openable Porthole Assembly for Extra Ventilation**

**Rear Right Passenger Door**

**Rear Luggage Compartment accessible from the Cabin and Aircraft Tailcone**

## ***EXTERNAL FEATURES***

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**Standard Paint Scheme**

**Full Chemical Corrosion Protection**

**Tow Bar**

**Tie-Down Rings, Three**

**Jack Pads**

**Control Surface Lock Kit (Tail + Aileron)**

**Locks with Keys Cabin and Baggage Doors, One**

## ***COCKPIT AND CABIN APPOINTMENTS***

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**Speaker**

**Luggage Compartment**

**Pilot and Co-Pilot Seats Standard Leather, Adjustable in Height**

**Rear Passenger Seat Bench, One Standard Leather**

**Seat Belts, Four**

**Map Pockets, Two**

**Glove compartment with bracket for iPad/Tablet Mini Storage**

**Two, 5 Ampère power sockets**

**Four, USB ports**

**Two, music sources**

**Four, Bose Redel Connectors**

**Emergency Torch**

**First Aid Kit**

**Manual Fire Extinguisher**

**Pitot Tube Cover**

**Fuel Stick Gauge**

## ***PRODUCT SUPPORT DOCUMENTS***

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**Flight Manual**

**Parts Catalogue**

**Maintenance Manual**

**Vulcanair Limited Warranty**

**OEM Manufactures Limited Warranty**

**Aircraft Log Book**

**Statement of Conformity**

## ***NEW GENERATION STANDARD AVIONICS PACKAGE AND COCKPIT***

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### **GARMIN G500 Txi COCKPIT SYSTEM:**

**DIGITAL PRIMARY/MULTIFUNCTION DISPLAY GARMIN GDU 1060 WITH INTERNAL ADAHRS, ONE**

**TRANSPONDER GARMIN GTX345RMODE S , ADSB IN-OUT**

**AUDIO PANEL WITH MARKER BEACON AND INTERCOM GMA 350**

**GTN650 COMM/NAV/GPS AVIONIC UNITS, ONE**

**GNC255B COMM/NAV, ONE**

**JEPPESEN NAVDATA FOR G500 Txi**

**STAND BY ATTITUDE MODULE MID-CONTINENT (SAM) MD 302**

**ELT ARTEX 345**



**NOTE: Cockpit shown with some optional equipment.**

**OPTIONAL AVIONICS:**

**ADF: BENDIX/KING KR87 DIGITAL ADF SILVER CROWN PLUS**  
**DME: BENDIX/KING DME KN-62A**

**G500 DATABASE OPTIONS**

**CHART VIEW**

**SYNTHETIC VISION FOR G500**

**OTHER OPTIONALS:**

**PAINT:** Premium Paint and Paint Scheme: Price upon request

**PAINTED REGISTRATION MARKS**

**WHEEL FAIRINGS:** Aerodynamic Wheel Fairings (Carbon Fiber)

**T-TYPE CONTROL YOKE: EXCHANGE PRICE WITH Y-TYPE CONTROL YOKE**