

vulcanair
aircraft



Vr

V5.02.09

STANDARD EQUIPMENT LIST



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

Engines:

Two Textron Lycoming IO-360-A1B6 200HP @ 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, Two
Engine shock absorber Kit, Two

Oil System:

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

Air Intake System:

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

Geared Starter: Two

Propeller:

Hartzell, Two Blade, Constant Speed Full Feathering Propellers, Two
Propeller Spinners, Two
Hydraulic Propeller Governor, LH
Hydraulic Propeller Governor, RH

Cross-over Exhaust System with Muffler: Two

FLIGHT INSTRUMENTS AND INDICATORS

DIGITAL PRIMARY DISPLAY SAGEM 8 IN, One

DIGITAL MULTIFUNCTION DISPLAY SAGEM 8 IN, One

Magnetic Compass (Illuminated)

Back Up Altimeter , 2 inch

Encoder for Altimeter

Back Up Airspeed Indicator, 2 inch

1st Heated Pitot System

Back Up Turn & Bank Indicator, 2 inch

Fuel Quantity LH/RH Gauge

Chronometer

Cabin Temperature/Outer Temperature

ELT switch remote controller

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Engine Hour-Meter

COCKPIT, FLIGHT AND GROUND CONTROLS

Dual primary Flight Controls

Landing gear, retractable electrohydraulic

Engine Control Pedestal mounted with adjustable friction:

Throttle, Two
Propellers, Two
Mixture, Two

Flight Trim Controls:

Rudder: Mechanic wheel on Pedestal with Indicator
Stabilator: Mechanic wheel on Pedestal with Indicator
Stabilator: Electric switch on control Wheel

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
Heated Stall Detector

Main Wheels 6.00-6 8 Ply Good Year Tyre and Tubes, Two

Nose wheel 5.00-5 6 Ply Good Year Tyre and Tubes

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

Fuel Selector Two: Normal on; Shut-off; Cross-feed positioning

Overhead Panel Rocker Switches Internally Lighted:

Guarded Left and Right Starter Two
Left and Right Fuel Pump Two
Left Engine/Left and Right Magnetos Switches Two
Right Engine/Left and Right Magnetos Switches Two

Mic Button on Control Wheel

Microphone with Headset

Mic /Phone Jacks, Six

Automatic Emergency Locator Transmitter ELT , choice between ELT 406 MHZ or ELT 910

Dimmer Light
Radio Light
Lighted Instruments

ELECTRICAL SYSTEMS

24 Volt, 25 Amp/Hour Battery
70 A Alternator 28Vdc, Two
Avionics Master Relay
Master Switch Relay 1
Over Voltage Relays, Two
Transistor Voltage Regulators, Two
Resettable Circuit Breakers
External Power Supply Receptacle
Static Discharge Wicks

FUEL SYSTEM

Two Fuel Tanks with 108 Gallons (410 litres)Total Capacity
Auxiliary Electric Pump, Two
Individual Fuel Tank Quick Drain, Two
Fuel Strainer, Two
Fuel Filter, Two

LIGHTING SYSTEMS

EXTERIOR LIGHTING:

Navigation Light
Recognition Lights Wing Tip, Two
Strobe Lights-Comet Flash Wing Tip, Two
Strobe Light Tail
Taxi Light
Landing Light

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INTERIOR LIGHTING:

Map Light

Under-wing Courtesy Light

Cabin Reading Lights

Internally Lighted Switches

CABIN COMFORT SYSTEM

Cabin heating system

Cabin Fresh Air Vent with Ventilation Fan

Pilot/Co-Pilot Cabin Fresh Air Distribution Vents, Two

Pilot/ Co-Pilot door (on RH side of fuselage)

Main Cabin Door

Rear Door Cargo Loading

Emergency Escape Window

Soundproofing

EXTERNAL FEATURES

Standard paint scheme overall white with one stripe

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, Two

COCKPIT AND CABIN APPOINTMENTS

Speaker

Luggage Compartment

Pilot and Co-Pilot Seats reclining fore/aft and vertical adj.

Rear Passenger seat with reclining feature and fore/aft adjustable (2ND Row), Two.

Rear Passenger Seat (3rd Row), Two.

Seat Belts, Six

Wall to Wall Carpeting

Pilot and Co-pilot Storm Windows

Sunvisor, Two

24 Volt, 2 Amp Auxiliary Power Socket, Two

Map Pockets, Two

Emergency Torch

First Aid Kit

Manual Fire Extinguisher

Pitot Tube Cover

Fuel Stick Gauge

PRODUCT SUPPORT DOCUMENTS

Flight Manual

Parts Catalogue

Maintenance Manual

Vulcanair Limited Warranty

OEM Manufactures Limited Warranty

Aircraft Log Book

Engine Log Book, Two

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Certificate of Airworthiness or equivalent if applicable

NEW GENERATION STANDARD AVIONICS PACKAGE AND COCKPIT

AUTOPILOT TWO AXIS S-TEC SYSTEM 55X

SAGEM AVIONICS 8 INCH MONITOR ICDS-8 Control/Display Unit, one

SAGEM AVIONICS 8 INCH MONITOR PFD-35 Air Data, AHRS I/F, one

AHRS , one

Transponder Garmin GTX 330 Mode S

Audio Panel with Marker Beacon and Intercom GMA 340

COMM/NAV/GS/GPS Multifunction Display #1 Garmin GNS 430

COMM/NAV/GS/GPS Multifunction Display #2 Garmin GNS 430

Jeppesen data card, Two



NOTE: COCKPIT SHOWN WITH SOME OPTIONAL EQUIPMENT

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