



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:

Dynafocal Type, Two
Engine shock absorber Kit (Lord), 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

Vacuum System:

Vacuum Pump engine driven, Two
Gyro Instrument Air Filter
Vacuum Relief Valves
Vacuum Distribution Valve

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, One

DIGITAL MULTIFUNCTION DISPLAY SAGEM, One

Magnetic Compass (Illuminated)

Altimeter

Encoder for Altimeter

Airspeed Indicator

1st Heated Pitot System

Turn & Bank Indicator

Fuel Quantity LH/RH Gauge

Flap Position Indicator

Chronometer

Cabin Temperature/Outer Temperature

ELT switch remote controller

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; Crossfeed 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

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

Ice Inspection Light, Left Wing

INTERIOR LIGHTING:

Map Light

Under-wing Courtesy Lights Two

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

Certificate of Airworthiness

NEW GENERATION STANDARD AVIONICS PACKAGE



AUTOPILOT TWO AXIS S-TEC SYSTEM 55X

SAGEM 8 INCH PRIMARY DISPLAY, one

SAGEM 8 INCH MULTI FUNCTION DISPLAY, one

Transponder Garmin GTX 327

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

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