



# Astore

Single-Engine Aircraft



*Soar Higher*



QUALITY AIRCRAFT SINCE 1948

**TECNAM**

## Streamlined and sporty

With its Italian design design, the TECNAM Astore is the highly desirable entry point to light sport ownership. It is a superb low wing, two seat, aircraft that is sporty and well balanced that offers a lot of fun in the air.

The Astore is where design meets quality, handling meets performance for a unique flying experience.

This modern design is made with a metal airframe combined with carbon fibre details resulting in streamlined aerodynamics and beauty.

The bubble canopy offers exceptiona visibility and increased safety.

Be recognized, even from the sky.





**“Manufacturing an aircraft is not just a job, it is a challenge for perfection, driven by infinite passion and dedication.”**

**Paolo Pascale Langer, CEO**



## Choosing Astore

Choosing this Tecnam model offers the following benefits:

- Modern design, sporty appearance;
- The wide cabin allows for a large instrument panel avionics: Garmin G3X;
- Premium leather interior;
- Roomy baggage compartment with LED courtesy light for internal and external access;
- Rotax 912ULS2 100 Hp, optional Rotax 912 iS Sport injection or Rotax 914 Turbo guarantee exceptional performance and eco-friendly consumption, with low CO<sub>2</sub> emissions.

Discover our commitment to sustainable flight



## Design Weight and Loading

Maximum Take Off Weight	1,320 lb	600 kg
Empty Weight, Standard	873 lb	396 kg
Useful Load	447 lb	204 kg
Baggage allowance	44 lb	20 kg

Performance	912 ULS2/ 912 iS	914 TURBO
Max Cruise Speed KTAS	120 kts - 222 km/h	130 kts - 241 km/h
Stall Speed (Flaps Down Power Off) KCAS	38 kts - 70 km/h	38 kts - 70 km/h
Max Operating Altitude	14,000 ft - 4,267 m	16,000 ft - 4,877 m
Take off run	610 ft - 186 m	550 ft - 168 m
Take off distance	1,180 ft - 360 m	1,150 ft - 351 m
Rate of climb	910 ft/min - 4.62 m/sec	1,130 ft/min - 5.74 m/sec
Landing Run	495 ft - 151 m	495 ft - 151 m
Landing Distance	1,070 ft - 326 m	1,070 ft - 326 m
Range	520/630 nm - 963/1,167 km	540 nm - 1,000 km



# Standard equipment

## Two Display GDU 460 With EIS

- GDU 465
- GDU 460
- ADAHRS GSU 25
- GEA 24 Engine Instrument Module
- GMU 22 Magnetometer
- GTP 59 Temperature Probe
- LRU KIT
- INSTALLATION KIT
- G3X SENSOR KIT
- GA 56 Antenna
- GA37 Antenna (ADSB & XM)
- GPS A20 - ADSB OUT

## GSU CONFIGURATION

- AMPS (AMMETER SHUNT OR HALL EFFECT)
- MONITOR CHT
- AIRCRAFT BUS VOLTAGES
- OIL TEMPERATURE
- OAT
- OIL PRESSURE
- MANIFOLD PRESSURE
- FUEL PRESSURE
- RPM
- TRIM INDICATOR
- LH + RH FUEL QTY

## AVIONICS PACKAGE

- GARMIN GMA 245 Audio Panel
- GARMIN GTR 225A COM
- GTX 35R Transponder mode S remote mounted
- ELT KANNAD 406 Mhz GTX 35R
- Transponder mode S remote mounted
- STICK PUSH-TO-TALK SWITCH-PILOT/COPILOT
- MIC & PHONE JACKS-PILOT/COPILOT
- ANTENNAS:
  - TRANSPONDER
  - VHF
  - GPS
  - ELT

## Flight controls

- Hydraulic Toe Brakes
- Parking Brake
- Electrical Flaps
- Dual Flight Controls

- Stabilator Trim (Electric Actuated From Stick)
- Engine Controls:
  - Central Quadrant with Single Throttle Lever
  - Choke
- Flight Trim Controls:
  - Stabilator Trim With Indicator
- Fuel Control Selector ANDAIR

## Panel switches

- Split Starter
- Starter Key Acs
- Fuel Pump
- Landing Light
- Nav Light
- Strobe Light

## Electrical system

- 12 Volt 18A Amp. Battery
- 12 Volt Alternators-20 Amp.
- Circuit Breaker Panel
- 12 Volt Socket
- Warning Light Alt Out
- USB port type C
- External Power Supply

## Fuel system

- Two Integral Fuel Tanks
- Engine Driven Fuel Pump
- Auxiliary Fuel Pump, Electric
- Fuel Tank Quick Drain , Two
- 1 x Shut Off Valve ANDAIR

## Interiors

- Pilot And Copilot Seats:
  - Eco Leather
  - Adjustable Fore And Aft
- Seat Belts, All Seats
- Wall To Wall Carpeting
- Map & Storage Pockets
- Radio Call Plate
- Soundproofing
- Luggage Compartments
- Emergency Hammer
- Baggage Compartment Net

## Exterior

- Epoxy Corrosion Proofing, All Structure
- Canopy, Lock And Key
- Main Wheels, 5,00 X 5
- Nose Wheel, 5,00 X 5
- Wheel Pants
- Tie Down Rings

## Exteriors lights

- Wing Tip Light Strobe and Position LED Light
- Landing Light LED
- Tail Light

## Cabin comfort system

- Heating System with Defrost
- Ventilator Adjustable 2 Place

## Powerplant and Propeller

- Fire Wall Inox
- Engines 1 Rotax 912Uls2 100 Hp, 4 Cylinders
- Liquid/Air Cooled, Integrated Reduction Gear
- Dual Ignition System
- Throttle Control Central
- Tubular Steel Engine Mount
- Propeller Sensenich, 2 Blade Fixed Pitch
- Propeller Spinner
- 2 Air Filter
- Oil Filter
- Oil And Water Coolers
- Fire Sleeve On Fuel And Oil Tubes
- Thermostatic Valve Oil

## Product Support and Documents

- Manufacturers Full Two Year Limited Warranty
- Pilots Operation Handbook
- Maintenance Manual
- Parts Catalog



“When we design an aircraft, we don’t look at our heritage to check what we have already done, we look to our future to determine what we still need to do.”

Giovanni Pascale Langer, Managing Director



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