

AEROPRAKT

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A22LS Foxbat Facts and Options



The A22LS has proven itself globally as a safe, professionally build, sturdy and rugged aircraft. It's flight envelope which combines a good cruising speed as well as a very low stall speed is extraordinary and perfectly suited to operations including surveying, air photography, anti poaching patrols and wildlife monitoring.

The A22LS Foxbat is currently the mainstay of the Aeroprakt fleet. AEROPRAKT has already produced more than 1,000 aircrafts. A metal airframe with tricycle landing gear high-wing aircraft with two side-by-side seats, it's well known and popular with owners and pilots for a number of reasons.

It has a massive cabin that ensures a comfortable and roomy flight every time, and is also capable of carrying a an impressive load – typically 200-210kgs of people and baggage, even after adding a full 114 litres of fuel. On top of all that, the view out is almost as good as that of a helicopter or gyro, leading to a beautiful flight every single time the perfect aircraft for stock spotting and mustering.

The A22LS Foxbat features additional upgrades which improve the flight experience as well as safety even more, with new heavy duty 3mm pre-formed acrylic windshield which helps to reduce cabin noise levels and assist with ease of cleaning of the screen.

A new super-bright LED landing light system in the nose cowling is standard. New center console storage design allows for phone, keys and other small items to be stored safely and neatly. In addition to this, the side-door access luggage container is now metal instead of fabric and has an increase payload of 30kg. Lastly, all Y-stick optioned models come with the 'long-leg' cutaway along the lower edge of the instrument panel, significantly improving knee room and overall comfort.

It has amazing Short Take Off and Landing (STOL) capabilities; an experienced pilot can take-off, fully loaded, in as little as 75 metres and land in about the same distance. Its stall characteristics are very benign, making it an ideal training aircraft, or a plane for someone who wants an easy and fun ride. The slow speed flight handling characteristics are safe and positive right down to speeds as low as 35 knots, making it the perfect aircraft for stock spotting and mustering.



Foxbat A22LS



Ideal as a first aircraft and training

Forgiving, easy handling and predictable characteristics make the A22LS Foxbat an excellent trainer or first aircraft. Add to that the large airy cabin, with fantastic views in all directions, the direct and responsive pushrod connected controls and safe tried-and-tested stall characteristics and you have a recipe for sheer enjoyment

Short Take Off & Landing

The real key to the Foxbat is its ability to take off and land in short spaces - sometimes even more safely than a traditional taildragger. At the heart of this capability is the high-lift wing with slotted flaps, which gives control right down to (and in the hands of an experienced pilot) even below stall speeds. Add the very light weight on the nose wheel and you have a great paddock plane



Removable doors with photo window option

Although the Foxbat doors cannot be safely opened in flight, the aircraft is cleared for flying with one or both doors removed before take off. This is great for flying on hot days in the outback but can create a bit of a breeze in the cabin! So there is also a 'photo window' option available for either door, enabling photographers a draft-free (and warmer!) way of taking photos without the distorting effect of the door perspex.



Your choice of tire size and wheel spats

The standard wheel rims on all Aeroprakt aircraft are 6" in diameter. However, they can be fitted with different size tyres, ranging from the standard 15" diameter 15x6.00x6" through the 17" diameter 6.00x6" up to the 17" diameter wider tread 8.00x6" so called 'tundra' tyres. Mud flaps can be fitted with all tyre sizes but wheel spats are solely available for the standard 15x6.00x6" tyres. At cruise power settings, the three-wheel spats add about 5 knots to the cruise speed



Yoke Control Column or Center Y Stick Controls



Yokes:

Enables dual control. Throttle lever in the middle between the seats. Brake lever combined together with throttle lever



Central "Y" stick:

Enables dual control. Two throttle levers visible between seats and doors. Brake lever on stick

Wheel Accessories



Standard



Mud guards



Wheel spats

Ceiling Panel Option

Standard



Optional Plastic Panel



Warmth Keeping Partition

It reduces the volume of air in cockpit and strongly improve the heat comfort in flight. The partition can easily be removed for summer time.

Standard



Optional Plastic Partition with windows



Aluminum Skin Option in Rear Part of Fuselage

Standard Glazing



Aluminum skin



Specification

Vne (never exceed speed)	124 knots
Typical cruise TAS	40-108 knots
Stall TAS (landing configuration)	32 knots
Take-off roll	110 metres
Take-off to 50'	250 metres
Landing roll	91 metres
Landing from 50'	366 metres
Flap limit speed	80 knots
Best climb @ MTOW	690 feet per minute at 54 knots
MTOW (land plane)	600 kg
Typical empty weight	310 kg
Fuel capacity	113 litres usable
Carry including fuel	290 kg
Usable load after full fuel	219 kg
Cruise endurance (912ULS)	5 hours + 45 minutes reserve
Glide Ratio	9 to 1
Wing span	9.55 metres
Length	6.23 metres
Height	2.26 metres
Main gear track	1.7 metres
Operational load limits	+4 -2 G
Tested at 650 kgs to	+6 -3 G

