



# The new Texan Club from Fly Synthesis

A NEW COMPOSITE aircraft is now available to order in New Zealand. European manufacturer of carbon fibre aircraft, Fly Synthesis, has recently announced a new variant of its Texan Top Class range. Allan Jessop from Fly Synthesis New Zealand explains the aircraft as being a “culmination of the desire to improve performance, price and reliability”, noting that research by Fly Synthesis suggested that flying schools and private pilots were looking for a safe and strong aircraft that was economical on fuel burn as well as on the hip pocket. The specifications and details of the aircraft follow - KiwiFlyer hopes to report on a test flight of the Texan Club in the near future.

## Construction

The Texan Club is manufactured with the same attention to Italian design and construction as its other more expensive siblings, but with fewer standard options.

It is an entirely composite aircraft, with the fuselage being constructed of carbon fibre, The wings have carbon fibre spars and ribs, and honeycomb sandwich skins.

The tricycle undercarriage is constructed from 7075 high tensile steel, whilst the front nose leg is an oil filled oleo shock absorber connected to the pedals for direct rudder/wheel steering.

The Texan Club comes standard with a new streamlined canopy and cowling, now sharing the same look as the 600 model Texan.

## Power Plant

The ubiquitous 912UL Rotax engine provides 80hp and is fitted with a stainless steel exhaust system.

Fuel from the two 50 litre wing tanks offers a range of over 1,000 km, at a cruising speed of 100 knots.

Standard equipment includes dual fuel gauges and low fuel level indicators, as well as an electric booster fuel pump. Brakes are hydraulic disc operated by a centrally mounted lever. A park brake function comes in handy for pre-flight run ups. The standard propeller option is a two blade fixed pitch design of wood/composite construction.



*Power is by the ubiquitous 80hp Rotax 912UL fitted with a two bladed wood/composite propeller.*



*The Texan Club is a no frills design with fewer standard options than its more expensive siblings. Italian design and style is included for no extra charge.*



*An uncomplicated interior includes velour seat cushions and 4 point harnesses.*



*A blue tinted UV protected canopy is standard fitment.*

## Flight Controls

The wing design is well proven by Fly Synthesis. Slotted flaps are electrically driven, with a range from 0 to 45 degrees. Pitch trim is also electric with an LED position indicator. All control surfaces are mass weight balanced, and handling characteristics are said to be very pleasant.

## Cabin Appointments

An uncomplicated interior design includes velour seat cushions and a four point harness. The UV protected canopy which is blue tinted comes standard and is fitted with adjustable vents. Noise reducing insulation on the firewall helps to keep internal cabin noise down.

A particular improvement is a new four position adjustable bucket seat which also allows the upright to be folded fully forward, offering unobstructed access to luggage space behind the seats. An elastic netting is provided at the rear cabin bulk head for stowage of light items.

## Instrumentation

A basic suite of instruments are fitted as standard. These include Altimeter, ASI, VSI, Slip indicator, Magnetic Compass, Hobbs, Oil pressure, Oil temperature, Cylinder head temperature, Fuel pressure, and RPM.

## What it costs

Fly Synthesis Australia has secured 30 production slots for what they expect to become a popular seller. For a limited time Fly Synthesis New Zealand are offering the Texan Club for NZ\$137,000 plus GST and customs clearance charges. Order slots can be secured with a 10% deposit. The price includes CAA registration and certification, permit to fly, registration decals, log books, and all flight and maintenance manuals.

Note that special incentives for flying schools, clubs and fleet buyers may apply. Note also that free flight training, practical and PPL theory can be provided by the Dargaville Aero Club.

## Further Information

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