

**TECNAM "Quality Aircraft since 1948"**  
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## **Announcing the arrival of the TECNAM 'P2010' Innovation, Style and Advanced Technology**

**NAPLES, Italy/July 2010 - TECNAM "Quality Aircraft since 1948"**

From Professor Luigi Pascale comes the latest addition to the TECNAM Fleet the TECNAM P2010.

Bringing together an advanced technology all carbon fibre fuselage with a metal wing and stabilator based on the best of TECNAM's recent P2006T Twin and P2008 offerings, this single engine, 4 seat aeroplane is set to be premiered at AERO 2011 in Friedrichshafen, Germany.

Utilising both carbon fibre and metal has allowed Professor Pascale to optimise aerodynamic quality and reliability.

Carbon fibre ensures smooth surfaces and allows for an elegance and styling you would expect from Italy. Metal is used for the wing and stabilator to provide further strength and stability.

Powered by a Lycoming IO-360-M1a ('Lycoming Light') engine, providing 180HP and 2700RPM. The wing is based on the well-proven NACA63A aerofoil. Through partial tapering, the design brings it close to the optimal lift distribution (elliptical).

The all movable type (stabilator) horizontal tail, a trade mark of all TECNAM aeroplanes, allows for excellent controllability and 'hands off' longitudinal stability.

The nose gear is free castoring and of a tubular steel leg connected to the lower engine mount attachments and is braced by a rubber shock absorber. The landing gear is also faired to minimise drag, whilst ground steering is by differential braking.

The TECNAM P2010 has a high fuel capacity (210lt, 46.2 imp. gal). The fuel tanks are installed in the wing box, behind the main spar, to preserve their integrity in case of an accident. Of course carbon fibre equals a lighter and therefore more fuel efficient aeroplane.

Tecnam has always paid great attention to comfort for both pilots and passengers. The cabin width also allows for a large instrument panel, with its modular design specifically tailored to allow the customer to fit either an analogue or digital instrumentation package.

The TECNAM P2010, innovation, style and advanced technology. Visit [www.tecnam.com](http://www.tecnam.com) for details of your local dealer.

### **About TECNAM "Quality Aircraft since 1948"**

TECNAM traces its roots back to the activities of the brothers Luigi and Giovanni Pascale, who developed soon after the end of WWII (1948) and have continued ever since to maintain in the field of General Aviation with the creation of original models that gained worldwide recognition under the name Partenavia. Established in March 1986, Costruzioni Aeronautiche TECNAM now operates in three plants with more than 78.804 sq ft of area. The Casoria facility is located adjacent to the Napoli Capodichino Airport. The Capua facility is located adjacent to the "Oreste Salmone" Airport. And finally the TECNAM Spain facility located in Villanueva del Gallego, Zaragoza – Spain. Modern reinforced concrete buildings are used for manufacturing processes, design activities and office administration. All other brands, product names, company names, trademarks and service marks are the properties of their respective owners. All rights reserved.

### MAIN FEATURES

Fuselage: composite material  
Fixed gear with free castoring nose wheel

### DIMENSIONS

|               |          |           |
|---------------|----------|-----------|
| Height:       | 2.64 m   | (8.70 ft) |
| Length:       | 7.54 m   | (24.7 ft) |
| Wing span:    | 10.50 m  | (34.4 ft) |
| Cabin width:  | 1.20 m   | (3.9 ft)  |
| Cabin height: | 1.22 m   | (4.0 ft)  |
| Wing area:    | 14.60 mq | (157 ftq) |

# P2010



### ENGINE AND PERFORMANCE

|  |                       |                    |
|--|-----------------------|--------------------|
| Engine: LYCOMING (IO-360-M1A 180hp 2700 RPM) | Max Take off Weight : | 1160 kg (2557 lbs) |
| Fuel tank capacity: 210 lt (46.2 gal)        | std. empty Weight :   | 710 kg (1565 lbs)  |
| Cruise speed (75%, 6500 feet)                | Useful Load :         | 450 kg (992 lbs)   |
| Cruise speed (65%, 7500 feet)                | Wing loading :        | 79.5 kg/mq         |
| Stall speed (flap up)                        | Power loading :       | 6.4 kg/hp          |
| Stall speed (flap down)                      | Practical ceiling :   | 15000              |
| Best rate of climb                           | Cruise Range :        | 660 n.m.           |
| Take off run                                 |                       |                    |
| Landing run                                  |                       |                    |

## Tecnam P2010

