

CASORIA INDUSTRIAL PLANT 80026 CASORIA (NA) - 1° Traversa Via G. Pascoli Tel. 39 081 7583210 / 7588751 / 7574146 Fax 39 081 7584528

CAPUA INDUSTRIAL PLANT 81043 Capua (CE) - Via Maiorise Tel. 39 0823 620134 / 622297 Fax 39 0823 622899

www.tecnam.com

email: tecnamca@tin.it info@tecnam.org





This project is based on the revolutionary, new aircraft engine the Rotax 912S, specifically designed to incorporate the latest technologies developed by the automotive industry. The Rotax 912S is FAR 33 certified and is currently the only aircraft engine approved to utilise automotive fuel, giving it a significant edge over standard GA engines. Some of the benefits include:

- Reduced frontal area and Better power-to-weight ratio
- Lower fuel consumption
- Lower propeller rpm resulting in higher efficiency and lower
- acoustic profile Stable cylinder head temperatures due to liquid cooling

To date, this modern aircraft power plant has been used successfully in two-seat aircraft, its relatively low power capacity (rated at 73 kW/100 hp) making it a popular choice in the aviation industry.

It has become increasingly evident, therefore, that a potential market exists for a fourseat aircraft powered by two of these Rotax engines, with very little weight disadvantage. The result is the **P2006T.**

This twin-engine formula offers higher safety and lower operating costs than its single engine counterparts. Extensive research for this project has proven that the light twin-engine aircraft will have a lower standard empty weight than comparable singleengine four-seat aircraft in the 180 hp or 200 hp class.

The **Tecnam P2006T** also offers better performance, greater cabin comfort and, due to its unique ability to use

automotive fuel, much lower operating costs.

For the sake of comparison, the Lycoming 0-360-A1A 180 hp weighs 146kg and has a frontal area of 0.4 m2, while the Rotax 912S (with the same accessories) weighs only 64kg and has a reduced frontal area of just 0.15 m2. The Lycoming generates its maximum power of 2700 rpm at the propeller and the Rotax at 2400 rpm.

The Tecnam P2006T is a twin-engine four-seat aircraft with fully retracting landing gear. The superior high-wing configuration offers stability, superior cabin visibility and easy access for passengers

Tecnam has used its extensive experience with aluminium airframes to create in the **Tecnam P2006T** a robust yet very light airframe, resulting in an outstanding payload-to-total-weight ratio.

Wings are of traditional construction, essentially mono spar configuration. Integral fuel tanks are located outboard of the engines holding 100 litres each for a total of 200 litres.

A laminar NACA 63A airfoil of moderate thickness has been selected for the semi-tapered wing planform. This offers low drag and good high altitude behaviour.

Wide slot aluminium flaps, electrically controlled, allow stall speeds lower than 48 kts. These flaps offer potential for very steep approaches and short landings.

Frise ailerons allow aggressive roll rates with minimal adverse yaw. Aileron control is via internal cabin cable linked to push-rods in the wing leading edges.

m
10,6
sq m
14,4
m
8,66
2,85
m
1,20
2,60



certified laboratory.

and is fitted with a position indicator.

indicator situated on the instrument panel.

Particular attention was paid to the cabin's structural design in order to

ensure the required crashworthiness prescribed in recent amendments to the FAA-FAR23 and EASA-CS23 codes. Fuselage structure, seats and

seatbelts combine to protect occupants in case of a hard landing. The Tecnam P2006T's conformity to such safety requirements has been proven during dynamic tests (reaching forward load factors up to 26g) carried out by a

The horizontal tail is an all-moving type, designed for remarkable longitudinal

control-free stability and excellent control authority. A wide trim-tab, part of the

The cable-type pitch trim is controlled by a wheel located between the pilots' seats

As with most of the aircraft body, the horizontal stabilator and the vertical fins are

metallic. The rudder features an electronically controlled trim-tab with a position

stabilator trailing edge, doubles as an anti-tab device.



The retractable landing gear mechanism of the **Tecnam P2006T** is of an electro-hydraulic type, powered by a reversible pump, which is electrically controlled. The main landing gear is of a trailing link type, completely constructed from high strength aluminium alloys, and is directly attached to the fuselage main bulkheads. An oleo-pneumatic shock absorber provides excellent ground load absorption. The main landing gear retraction is very simple through a 90° inboard rotation. The gear strut and the wheel are contained in the retracted position by the fuselage centre section and a side pod. The main gear of the **Tecnam P2006T** is held in position by an aluminium side brace, which also serves as the retraction mechanism operated by a hydraulic ram. The main landing gear is equipped with Cleveland wheels (6.00-6) and rudder pedal activated brakes. The nose landing gear features a 5.00-5 wheel and telescopic strut with an oleopneumatic shock absorber. It is linked to the cabin's first bulkhead through a steel truss. The gear extension of the Tecnam P2006T is speed-wise for higher safety and is operated by a hydraulic ram through the drag brace, which in turn locks it into the down position. When extended, the steering control on the nose gear is actuated by

A system of lights and warning horn informs the pilot of the status of the landing gear's extended/retracted position. A back-up extension system, assisted by gravity, ensures landing gear extension even in the event of main system

push-rods linked to the rudder

Comparative table of four seats, general aviation aircraft (Official data)

MODEL		Cessna 172R	Piper PA28-181	Cirrus	Diamond	Piper PA28RT-201T	Piper PA-44-180	TECNAM
Specifications		Skyhawk	Archer	SRV-G2	DA-40	Arrow	Seminole	P2006T Ve It
Wings pan	m	10,97	10,80	10,84	12,00	10,80	11,80	10,60
Wing area	sqm	16,20	16,00	12,50	13,47	15,80	14,40	14,40
Lenght	m	8,28	7,32	7,92	8,02	7,50	8,04	8,66
Height	"	2,72	2,20	2,59	1,98	2,38	2,59	2,85
Cabin width	"	1,00	1,06	1,24	1,14	1,04	n.a.	1,14
Cabin lenght	"	3,60	2,49	3,30	n.a.	n.a.	n.a.	2,60
Landing gear type	"	Fixed, tricycle	Fixed, tricycle	Fixed, tricycle	Fixed, tricycle	Retractable tricycle	Retractable tricycle	Retract able tr icy
Engine								
Manufacturer		Lycoming	Lycoming	Continental	Lycoming	Lycoming	Lycoming	Rotax
Model		IO-360-L2A	0-360-A4M	IO-360-ES	0-360-M1A	IO-360-C1C6	2 x 0-360-A1H6	2x 912 S
Horsepower		160 hp	180 hp	200 hp	180 hp	200 hp	2 x 180 hp	2 x 98 hp
		@ 2400 RPM	@ 2700 RPM	@ 2600 RPM	@ 2700 RPM	@ 2700 RPM	@ 2700 RPM	@ 2400 RPM
Propelle r								
Туре		Fixed Ptch	Fixed Ptch,	Const. speed, 2 blade	Const. speed, 2 bl			
		2 blade	2 blade	2 blade	2 blade	2 blade	2 blade	2 blade
Diameter	m	1,91	n.a.	1,93	1,8	n.a.	n.a.	1,72
Design weight & Loading								
Max. gros s weight	kg	1043	1157	1360	1149	1248	1724	1100
Std. em pty weight	"	588	760	929	744	812	1173	640
Useful load	"	455	397	431	405	435	558	460
Seating capacity		4	4	4	4	4	4	4
Fuel capacity	liters	159	182	213	148	260	409	190
Wing loading	kg/sqm	64,4	72,3	108,8	85,3	79	100,9	76,5
Power loading	kg/hp	6,52	6,43	6,8	6,38	6,24	4,78	5,50
Performa nce								
Max. Level speed s.l.	KTS	123	133	n.a.	n.a.	n.a.	168	153
Cruise speed	"	122 (80%,8000 ft)	128 (75%,7900 ft)	150 (75%)	145 (75%,6500 ft)	137 (75%, 6000ft)	162	147 (75% 7000 f
	"	116 (10000 ft)	n.a.	n.a.	134 (65%,10000ft)	n.a.	n.a.	141 (65%,9000 f
Stall s peed, flaps up	KTS	51	n.a	54	52	60	n.a.	53
Stall s peed, flaps down	"	47	52	n.a.	49	55	55	48
Best rate of climb	ft/m	720	n.a.	900	1070	831	1200	1360
Service ceiling	ft	13500	14100	n.a.	15000	16200	17100	16000
Cruise range, reserve (30')	nm	580	487	634	n.a.	n.a.	n.a.	685
Takeoff, ground roll	m	288	348	409	219	n.a.	n.a.	280
Takeoff, distance (50 ft)	"	514	490	597	352	525	671	450
Landing ground roll	"	168	280	309	146	n.a.	n.a.	270
Landing distance (50 ft)	"	395	427	622	314	498	454	490

The following table compares the performance of various other four-seat, 200hp aircraft available on the market today.

It is evident that:

For the first time ever it is possible to compare **twin-engine** fourseat aircraft to single-engine four-seat aircraft due to their similar weight and power specifications.

The **Tecnam P2006T**'s empty weight is the lowest among its direct competitors, while the payload is higher. This can be attributed to the high structural and systems efficiency and because of the excellent weight-to-power ratio of the Rotax engine. The wing-mounted engines relieve the aerodynamic load on the wing with a consequently lighter structure.

The remarkable propulsive efficiency of the **Tecnam P2006T** is attributable to the low propeller rotating speed and the low engine drag. These, together with a streamlined fuselage, result in uncommonly efficient aerodynamics. The **Tecnam P2006T** clearly boasts the highest ceiling and

climb speed among its competitors.

From an operating point of view, the following points are worth considering:

The option to use automotive fuel as well as AVGAS allows **Tecnam P2006T** operators to dramatically reduce direct costs, making it possible to fly in regional or remote areas where AVGAS is difficult to find or prohibitively expensive.

The dependable twin-engine configuration of the **Tecnam P2006T** allows it to be flown over long distances and in areas where ground facilities are poor.

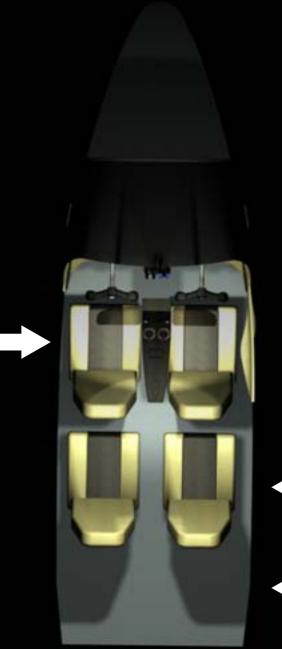


The generous interior dimensions of the **Tecnam P2006T** allow maximum space for pilots and passengers alike. With its two doors, its upholstered seats complete with headrests and vertical adjustment, the cabin provides great flexibility for pilots of varying physical stature to optimise their comfort. Each seat is provided with three-point seat belts with inertia reel and the two Pilots' seats are equipped with a central

Specific care has been given to cabin interiors and acoustic comfort.

The ventilation system features one vent outlet for each occupant. The heating system uniformly warms the cabin and a defrost manifold prevents the windshield from fogging even while taxiing.

Wide and appropriate windows, together with the high wings, provide excellent visibility for a very pleasant flight, as well as for safe ground operations. The cabin has a spacious luggage compartment of 350 litres, which is easily accessible from an external door.





PRICING & SPECIFICATION

P2006 T SPECIFICATIONS

DESIGN WEIGHT & LOADING				
Maximum Take-off weight	2425	lb	1100	kg
Maximum Ramp Weight	2425		1100	
Standard Equipped weight	1411		640	
Standard Us eful Load	1014		460	
Baggage Allowance	132		60	
DIMENSION				
Wing Span	34,8	ft	10,6	m
Wing Area	155,0	sq ft	14,4	sqm
Fuselage Lenght	28,4	ft	8,66	m
Fuselage height	9,4		2,85	
Cabin width	47,2	in	1,20	
Cabin lenght	8,2	ft	2,5	
ENGINE				
Manufacturer		RC	TAX	
Model	912S			
Number of cylinder	4			
Take-off performance	73,5	kW	98	hp
Max continuous performance	69		92	
Gearbox reduction ratio		2,4	43:1	
PROPELLER				
Manufacturer			MANN	
Manufacturer Typ e	Variable		MANN opeller feath	nering
Manufacturer Type Number of Blades	Variable	e pitch pi	opeller feath 2	nering
Manufacturer Type Number of Blades model	Variable	e pitch pi	opeller feath	nering
Manufacturer Type Number of Blades model PERFORM ANCE		e pitch pi	ropeller feath 2 -V352	
Manufacturer Type Number of Blades model PERFORMANCE Max s peed at sea level	153	e pitch pi	ropel ler feath 2 -V352 283	nering k <i>m/</i> h
Manufacturer Type Number of Blades model PERFORMANCE Max s peed at sea level Cruise s peed (75%, 7000ft)	153 147	e pitch pi	ropel ler feath 2 -V352 283 272	
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea level Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft)	153 147 141	e pitch pi	2 -V352 -283 -272 -261	
Manufacturer Type Number of Blades model PERFORMANCE Max speed at sea level Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up	153 147 141 53,5	e pitch pi	2 -V352 -283 -272 -261 -99	
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea level Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up Stall speed flap down	153 147 141 53,5 48	HO-	283 272 261 99 89	km/h
Manufacturer Type Number of Blades model PERFORM ANCE Max s peed at sea I evel Cruise s peed (75%, 7000ft) Cruise s peed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. l.	153 147 141 53,5 48 1360	e pitch pi	283 272 261 99 89 6,9	
Manufacturer Type Number of Blades model PERFORM ANCE Max s peed at sea I evel Cruise s peed (75%, 7000ft) Cruise s peed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. l. Climb rate, s. l. (single engine)	153 147 141 53,5 48 1360 380	HO- Kts	283 272 261 99 89 6,9 1,9	km/h m/s
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea level Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. l. Climb rate, s. l. (single engine) Range to 75%, 30' reserve	153 147 141 53,5 48 1360 380 610	HO-	copel ler feath 2 -V352 283 272 261 99 89 6,9 1,9 1130	km/h
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea I evel Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. I. Climb rate, s. I. (single engine) Range to 75%, 30' reserve Range to 65%, 30' reserve	153 147 141 53,5 48 1360 380 610 710	HO- Kts ft/min n.m.	2 -V352 283 272 261 99 89 6,9 1,9 1130 1315	km/h m/s Km
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea level Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. I. Climb rate, s. I. (single engine) Range to 75%, 30' reserve Range to 65%, 30' reserve Service ceiling (twin engine)	153 147 141 53,5 48 1360 380 610 710 16007	HO- Kts	283 272 261 99 89 6,9 1,9 1130 1315 4880	km/h m/s
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea I evel Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. I. Climb rate, s. I. (single engine) Range to 75%, 30' reserve Range to 65%, 30' reserve Service ceiling (twin engine) Service ceiling (single engine)	153 147 141 53,5 48 1360 380 610 710 16007 6690	HO- Kts ft/min n.m.	283 272 261 99 89 6,9 1,9 1130 1315 4880 2040	km/h m/s Km
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea I evel Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. I. Climb rate, s. I. (single engine) Range to 75%, 30' reserve Range to 65%, 30' reserve Service ceiling (twin engine) Service ceiling (single engine) Takeoff roll	153 147 141 53,5 48 1360 380 610 710 16007 6690 738	HO- Kts ft/min n.m.	283 272 261 99 89 6,9 1,9 1130 1315 4880 2040 225	km/h m/s Km
Manufacturer Type Number of Blades model PERFORM ANCE Max s peed at sea I evel Cruise s peed (75%, 7000ft) Cruise s peed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. I. Climb rate, s. I. (single engine) Range to 75%, 30' reserve Range to 65%, 30' reserve Service ceil ing (twin engine) Service ceil ing (single engine) Takeoff roll Takeoff (50' obstacle)	153 147 141 53,5 48 1360 380 610 710 16007 6690 738 1378	HO- Kts ft/min n.m.	283 272 261 99 89 6,9 1,9 1130 1315 4880 2040 225 420	km/h m/s Km
Manufacturer Type Number of Blades model PERFORM ANCE Max speed at sea I evel Cruise speed (75%, 7000ft) Cruise speed (65%, 9000ft) Stall speed flap up Stall speed flap down Climb rate, s. I. Climb rate, s. I. (single engine) Range to 75%, 30' reserve Range to 65%, 30' reserve Service ceil ing (twin engine) Service ceil ing (single engine) Takeoff roll	153 147 141 53,5 48 1360 380 610 710 16007 6690 738	HO- Kts ft/min n.m.	283 272 261 99 89 6,9 1,9 1130 1315 4880 2040 225	km/h m/s Km

P2006 T STANDARD EQUIPMENT

ı	FLIGHT INSTRUMENTS and INDICATORS
ı	1 MAGNETIC COMPASS
ı	2 AIRSPEED IND., Kts
ı	3 ALTIMETER DUAL MODE (IN/Mb)
ı	4 VERTICAL SPEED
ı	5 DIRECTIONAL ELECTRIC
ı	6 ATTITUDE HORIZON ELECTRIC
ı	7 TURN AND BANK INDICATOR
ı	8 O.A.T.
ı	9 PITOT SYSTEM HEATED
ı	10 STATIC SYSTEM
ı	11 ALTERNATE STATIC SOURCE
ı	12 STALL WARNING AUDIBLE
ı	13 LANDING GEAR POSITION LIGHT THREE
ı	14 LANDING GEAR-in-TRANSIT/NOT LOCKED LIGHT
	15 STABILATOR TRIM POSITION INDICATOR
ı	16 RUDDER TRIM POSITION INDICATOR
-	

ENGINE INSTRUMENTS	
1 TACHOMETER + HOUR RECORDER, DUAL	
2 MANIFOLD, DUAL	
3 FUEL FLOW, DUAL	
4 EGT, DUAL	
5 OIL PRESS, TWO	
6 OIL TEMP., TWO	
7 HEAD TEMP., TWO	
8 FUEL PRESS., TWO	
9 AMMETER	
10 VOLTMETER	
11 LH + RH FUEL QTY	
12 ANNUNCIATOR PANEL LIGHTED PUSH TO TEST:	
LH LOW FUEL	
_ RH LOW FUEL	
LH LOW OIL PRESS	
RH LOW OIL PRESS	
_ LH LOW VOLTAGE	
RH LOW VOLTAGE	
PILOT DOOR OPEN	
_	
FLIGHT CONTROLS	
1 HYDRAULIC BRAKES	
1 HYDRAULIC BRAKES 2 PARKING BRAKE	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL)	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO PROPELLERS, TWO	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS _ RUDDER with INDICATOR	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS _ RUDDER with INDICATOR _ STABILATOR with INDICATOR	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS _ RUDDER with INDICATOR _ STABILATOR with INDICATOR 10 LANDING GEAR, RETRACTABLE ELECTRO-HYDRAULIC	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS _ RUDDER with INDICATOR _ STABILATOR with INDICATOR 10 LANDING GEAR, RETRACTABLE ELECTRO-HYDRAULIC	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS _ RUDDER with INDICATOR _ STABILATOR with INDICATOR 10 LANDING GEAR, RETRACTABLE ELECTRO-HYDRAULIC 11 LANDING GEAR WARNING HORN	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS _ RUDDER with INDICATOR _ STABILATOR with INDICATOR 10 LANDING GEAR, RETRACTABLE ELECTRO-HYDRAULIC 11 LANDING GEAR WARNING HORN 13 LANDING GEAR EMERGENCY EXTENSION	
1 HYDRAULIC BRAKES 2 PARKING BRAKE 3 ELECTRICAL FLAPS 4 DUAL FLIGHT CONTROLS 5 STEERABLE NOSE WHEEL 6 AILERON AND ELEVATOR LOCK 7 STABILATOR TRIM (MANUAL) 8 ENGINE CONTROLS _ THROTTLE, TWO _ PROPELLERS, TWO _ CARBURETTOR HEAT, TWO _ CHOKE, TWO 9 FLIGHT TRIM CONTROLS _ RUDDER with INDICATOR _ STABILATOR with INDICATOR 10 LANDING GEAR, RETRACTABLE ELECTRO-HYDRAULIC 11 LANDING GEAR WARNING HORN	

ELECTRICAL SYSTEM

12 '	VOLT	35 Ah	GILL	35A

STARTER LH and RH

FUEL PUMP LH and

- 2 12 VOLT ALTERNATOR S-21 AMP., TWO
- 3 ROCKER SWITCHES INTERNALLY LIGHTED

LEFT ENGINE LH and RH IGNITION SWITCHES

RIGHT ENGINE LH and RH IGNITION SWITCHES

- Master Switch
- Landing Light
- Taxi Light
- **Navigation Lights**
- Strobe Light
- Pitot Heat
- Map Light
- 4 EXTERNAL POWER SUPPLY RECEPTABLE
- **5 CIRCUIT BREAKER PANEL**
- **6 STATIC DISCHARGE WICKS**

FUEL SYSTEM

- 1 TWO INTEGRAL FUEL TANKS WITH 200 LITRES
- TOTAL CAPACITY
- 2 ENGINE DRIVEN FUEL PUMPS, TWO
- 3 AUXILIARY FUEL PUMPS, ELECTRIC, TWO
- 4 FUEL TANK QUICK DRAIN, TWO
- 5 2 X SHUT OFF VALVES WITH CROSS FEED

- 1 PILOT and COPILOT SEATS Simulated leather
- Adjustable Fore and Aft
- Vertical Adjustment
- Arm Rest
- 2 TWO REAR PASSENGER SEATS
- 3 SEAT BELTS & Shoulder Harness, All Seats
- 4 WALL TO WALL CARPETING
- **5 FIRE EXTINGUISHER**
- 6 MAP & STORAGE POCKETS
- 7 RADIO CALL PLATE
- 8 SUN VISOR, Pilot/Copilot
- 9 TOW BAR
- 10 SOUNDPROOFING
- 11 LUGGAGE COMPARTMENTS
- 12 OVERHEAD COCKPIT SPEAKER
- 13 FOUR POSITION INTERCOM SYSTEM
- 14 FIRST AID KIT

- 1 AVIONICS INSTRUMENT internally lighted
- 2 AVIONICS RADIOS internally lighted
- 3 ENGINE INSTRUMENTS internally lighted
- 4 FLIGHT INSTRUMENTS internally lighted
- 5 COMPASS internally lighted
- 6 INTERIORS LIGHT DIMMING CONTROL
- 7 MAP LIGHT
- 8 PEDESTAL LIGHTING

EXTERIOR

- 1 EPOXY CORROSION PROOFING, All structure
- 2 LH FRONT DOOR Pilot/Copilot, Lock and Key
- 3 RH REAR DOOR Passenger
- 4 BAGGAGE DOOR, w/Lock and Key
- **5 REAR WINDOW**
- 6 ALL WINDOWS TINTED
- 7 RETRACTABLE LANDING GEAR
- 8 TIE DOWN RINGS
- 9 MAIN WHEELS, 6,00 X 6
- 10 NOSE WHEEL, 5,00 X 5

- 1 NAVIGATION LH/RH wing tip and vertical tail
- 2 VERTICAL TAIL STROBE
- 3 LANDING/TAXI LIGHT

CABIN COMFORT SYSTEM

- 1 WINDSHIELD DEFROSTER
- 2 VENTILATOR ADJUSTABLE, 4 place
- **3 HEATING SYSTEM**

POWERPLANT AND PROPELLER

- 1 ENGINES 2 ROTAX 912S3 100 HP, 4 Cylinders liquid/air cooled, integrated reduction gear
- 2 DUAL IGNITION SYSTEM
- 3 THROTTLE CONTROL LH/RH
- 4 TUBULAR STEEL ENGINE MOUNT
- 5 PROPELLERS 2 HOFFMANN, 2 Blade, Constant
- 6 PROPELLER SPINNER, TWO
- 7 PROPELLER CONTROL LH/RH
- 8 AIR FILTER, TWO
- 9 OIL FILTER, TWO
- 10 OIL AND WATER COOLERS, TWO
- 11 CARBURETTOR HEAT with Manual Control

PRODUCT SUPPORT/DOCUMENTS

- 1 MANUFACTURER'S FULL TWO YEAR LIMITED WARRANTY
- 2 PILOT'S OPERATION HANDBOOK
- 3 MAINTENANCE MANUAL
- 4 PARTS CATALOG
- **5 AIRCRAFT LOG BOOK**

- 1 GNS430 COMM/NAV/GPS Multifunction Display
- 2 GI-106A CVOR/LOC/GS/GPS Indicator
- 3 GTX 327 TRANSPONDER
- 4 GMA 340 AUDIO PANEL **5 ALTITUDE ENCODER**
- **6 AVIONICS MASTER SWITCH**
- 7 MICROPHONE TELEX 100T
- 8 AVIONICS CIRCUIT BREAKER PANEL
- 9 PILOT and CO-PILOT PTT
- 10 ELT

STANDARD EQUIPMENT Retail price € 235.000,00*

* ex Naples - Italy + freight, local assembly, delivery and local certification costs.

	OPTIONAL EQUIPMENT	Euro
	OF HONAL EQUIFINENT	Luio
101	S-TEC AUTOPIL OT SYSTEM 55X DUAL AXIS	20.500,00
	with Automatic Electric Trim, Turn	
	Coordinator (exchange for Std TC) and DG with	
ı	Heading Bug (exchange for Std DG)	
102	ST-360 ALTITUDE SELECTOR ALERTER	3.950,00
l	(Only available with Opyion 101)	
103	ELECTRIC TRIM (S-TEC)	4.100,00
		,
104	ST-361 Flight Director	7.970,00
ı	(Requires option 101, exchange with Std Horizon)	
105	KCS55A HSI	9.970,00
	Slaved Compass System (Requires option 101,	, , , ,
ı	exchange for DG with Heading Bug)	
106	2nd GNS 430 with GI 106A	11.700,00
100	211d 3110 430 Will 31 100/1	11.700,00
107	2nd Airspeed Indicator	820,00
400	On d. Attitude 11 minors of a strip	4 050 00
108	2nd Attitude Horizon electric	1.250,00
109	2nd Altimeter	820,00
		·
110	GTX 330 Mode S Transponder (Exchange with GTX 327)	2.000,00
111	GNS 530 COMM/NAV/GPS (exchange for GNS 430)	3.000,00
l	CITO COO COMMITTE (V/CITO (CXCHAINGE IOF CITO 400)	0.000,00
112	ADF - KING KR87 with KI 227 Indicator	5.416,00
113	DME - KING KN63	8.250,00
114	PEGASUS Fully Integrated EFIS System presented on two	35.000,00
	10.4" high resolution XGA displays (PFD/MFD)	
	Attitude Heading Reference System (AHRS)	
	Air Data Computer (ADC)	
	Engine/Airframe Indication and Crew AlertingSystem (EICAS)	
	Dual Nav/Comm	
	IFR Enroute/Approach Certified andWAAS/GPS Receiver	
	Fully Integrated Mode S Transponder	
	Digital Audio Panel	