

# F30 BRIO F.G. - FIXED GEARS - Standard Equip.



ENGINE	
Manufacturer	Rotax
Model	912 ULS
Power	100 HP
Cylinders	4

DIMENSIONS	
Wingspan	8,60 m
Wing area	10,60 sqm
Fuselage length	6,8 m
Fuselage width	1,15 m
Height	2,6 m

PROPELLER	
Manufacturer	GT Propellers
Model	GT
Type	Fixed Pitch
Numers of blades	2
Ø 170 cm, wood blades, MAX RPM 5100 fixed point	

PERFORMANCE (MAX WT) 100 hp		
Speed	Kts	Km
• max s.l. at max weight	160	300
• cruise (75% power)	130	250
• Vne	170	315
• Va maneuvering speed	140	260
Stall Speed	Kts	Km
• Flaps retracted, minimum engine	35	64
Rate of climb s.l.	1.100 ft/m	
Ceiling	18.300 ft	5.600 m
Take off performance	ft	m
• Run	492	150

WEIGHT AND LOADS	Lb	Kg
Maximum Take Off Weight	1042	472,5
Maximum Take Off Weight permitted	1.323	600
Empty Weight (Standard Equipment)	620	281
Payload	373	169
Limit Load Factors	+4.4 / -2 g	



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## FLIGHT AND ENGINE EQUIPMENT

- n° 1 Flybox AV1 (multifunction Altimeter Variometer)
- n° 1 Flybox Mini EIS (engine information system)
- n° 1 Analogic Inclinator
- n° 1 Airspeed indicator, analogic
- n° 1 Magnetic Compass
- n° 1 Electronic Flap controller Flybox EFC57-P
- n° 1 Electric Pitch Trim and Indicator
- n° 1 Fuel ON/OFF Valve
- n° 1 Throttle Lever
- n° 1 Parking Brake
- n° 1 12 V electric socket in instrument panel
- n° 1 Alternator LED
- n° 1 Key Starter Switch (dual ignition)
- n° 2 Panel Switches (ON/OFF)
- n° 1 Battery & Generator Master switch
- n° 5 Fuses

## INTERIOR

- Synthetic Seats for Pilot and Passenger**
  - Fully Adjustable (length & height)
- Central Console ( with Engine, Flaps & Trim controls)**
- Baggage compartment 360 Lt./ 95 US Gal.**
- 4 Points Safety Belts**
- Safety Canopy Lock**
- Airplane limitations data plate**
- Check List, normal/emergency procedure**
- Fire Extinguisher**
- Ballistic chute deployment handle**
  - with locking pin

## RADIO AND NAVIGATION EQUIPMENT

- PPT Switches on pilot and co-pilot control stick

## FUEL SYSTEM

- n° 1 **Safety Fuel Tank Merin, 95 Lt. / 25 US Gal.**
  - Electric Fuel Pump
  - Fuel Tank's Quick drain Valve
- n° 1 **Goodridge Fuel Filter**
  - Washable net filter (148 micron) with non-return valve
- n° 1 **Aux. Fuel Pump**

## OTHERS

- Flight Manual**
- Maintenance Manual**
- Classifications Manual**
- Ballistic Parachute**



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## INSTRUMENTATION

- GARMIN GPS 396
  - AIRGIZMO GPS PANEL DOCK
  - VARIABLE PITCH PROPELLER G.T.
  - EFIS DYNON
  - EFIS DYNON
  - WINTER AIRSPEED
  - WINTER ALTIMETER
  - GARMIN RADIO
  - HEADPHONES
  - ELT NARCO
- FLIGHT DEK D 180  
EMS D10 ENGINE MONITOR  
graduation KM 0-400 KM/N - S/N 6541  
graduation KNOTS 0-250 KNOTS S/N 6533  
graduation METER S/N 4011  
graduation FT S/N 4660  
WHITE  
David Clark H 1060  
ELT 910 11-17300 + 11-17310

## AIRCRAFT EQUIPMENT

- COCKPIT HOT AIR
- COCKPIT DEFROST
- LEATHER SEATS
- TINTED CANOPY GLASSES (SKY-BLUE)
- DUAL BRAKE PEDALS (PILOT & COPILOT)
- FUSELAGE COVER
- AIR BOX HOT AIR CARBURATORS
- LANDING LIGHT
- FIRST AID KIT
- n 4 MAP POCKETS



# F30 BRIO F.G. - FIXED GEARS - Standard Equip. TITANIUM PARTS



## MECHANICAL PARTS

- ENGINE MOUNT
- SECONDARY ENGINE MOUNT FOR ROTAX ENGINE
- NOSE LANDING GEAR
- MAIN RIGHT LANDING GEAR
- MAIN LEFT LANDING GEAR

## CONTROL PARTS

- PILOT & COPILOT PEDALS
- PILOT & COPILOT CLOCHES
- LH/RH FLAPS CONTROL BAR
- LH/RH AILERONS CONTROL BARS
- CLOCHES MOUNT BAR
- CONTROL REACTION ARM FOR MOBILE VERTICAL EMPENNAGE

## STRUCTURE PARTS

- ENGINE FIREWALL

