

# F30 BRIO R.G. - RETRACTABLE LANDING GEARS



ENGINE		
Manufacturer	Rotax	Jabiru
Model	912 ULS	3300
Power	100 HP	120 HP
Cylinders	4	6

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	GT2 VEB
Type	V.P.
Numbers of blades	2
Wood blades, composite covered, Armored	

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	



# F30 BRIO R.G. - RETRACTABLE LANDING GEARS



## FLIGHT AND ENGINE INSTRUMENT

- n° 1 EFIS Flybox Eclipse IFIS - Integrated flight information system (PFD+EIS)
- n° 1 EFIS Flybox Eclipse MFD - Multi function display
- n° 1 Analogic backup Altimeter
- n° 1 Analogic backup Airspeed
- n° 1 Magnetic Compass
- n° 1 Electronic Flap controller Flybox EFC-P
- n° 1 Constant Speed Propeller Regulator Flybox PR1
- 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° 2 LED Landing gear indicator (up/down)
- n° 2 LED Landing gear & Generator emergency
- n° 1 Key Starter Switch (dual ignition)
- n° 6 Panel Switches (ON/OFF)
- n° 1 Battery & Generator Master switch
- n° 11 Fuses
- n° 1 Windshield defrost & cabin heat selector
- n° 2 Adjustable Fresh Air Vents

## INTERIOR

- Leather Seats for Pilot and Passenger
  - Fully Adjustable (length & height)
- Central Console ( with Engine, Prop, Flaps & Trim controls)
- Baggage compartment 360 Lt./ 95 US Gal.
- n° 4 Map Pockets
- 4 Points Safety Belts
- Safety Canopy Lock
- Central Armrest
- Manual Emergency undercarriage extension (Crank lever located below the central armrest)
- Airplane limitations data plate
- Check List, normal/emergency procedure
- Fire Extinguisher
- First Aid Kit
- Ballistic chute deployment handle
  - with locking pin

## RADIO AND NAVIGATION EQUIPMENT

- Radio ICOM ICA 210
  - or
  - Radio GARMIN SL40 Two Frequencies
- n° 1 Transponder GARMIN GTX327
- n° 1 AVMAP EKP IV GPS Moving Map
- n° 1 Transponder Antenna RA Miller A-76
- n° 1 Comm Antenna RA Miller A-76
- n° 2 GPS Antennas
  - PPT Switches on pilot and co-pilot control stick
  - Two Headsets FlightCom 5dx classic
  - Two Microphone jacks
  - Two Hearphone jacks

## 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

- Wingtip Strobe Lights
- Navigation Lights
- Landing Light
- Flight Manual
- Maintenance Manual
- Ballistic Parachute



# F30 BRIO R.G. - RETRACTABLE LANDING GEARS 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

