



# Integral R

## EXPERIENCE THE THRILL

INTEGRAL R is the most advanced two seater aerobatic training aircraft in its class.



Whether you're chasing victory in competition aerobatics or enjoying a dynamic pleasure flight, the INTEGRAL R is the ultimate choice.



Perfect for training, UPRT or advanced aerobatics, INTEGRAL R is the best choice for performance and versatility. Thanks to its innovative design and modern features, the aircraft offers great maneuverability, ensuring an enjoyable flying experience. Its handling, coupled with the durable wood-carbon structure, makes INTEGRAL R a highly competitive option for both civilian and military pilot training.



### DEDICATED TO AEROBATICS

INTEGRAL R is the next-generation aerobatic training aircraft, with 210hp, two blades, no flaps and a taildragger. Only aircraft worldwide to offer an Aircraft Emergency Parachute System (AEPS), INTEGRAL R is equipped with modern avionics and top level certification, INTEGRAL R offers optimal performance and ease of piloting.

### MAKE TRAINING EASIER

A side by side aircraft that facilitates exchanges and encourages progress in a new-generation glass cockpit. Flying experience is enhanced, practical and intuitive for the pilot. Thanks to the aircraft's last gen connectivity, the navigation data is collected and enables the pilot to prepare and analyse his flight.

### OPTIMIZED OPERATING COSTS

INTEGRAL R is designed for cost-effective operation and optimized for easy reparability, featuring advanced materials, predictive maintenance notifications, and easy-access for efficient servicing.

### HIGH SAFETY AS STANDARD

INTEGRAL R is the only aircraft offering such a level of safety with a full-airframe emergency parachute, an anti-deflagration fuel tanks, and a reinforced cockpit, making it the ultimate aerobatic training aircraft.





Certification	EASA CS 23 Amendment 5   FAA FAR 23
Type	Single Engine Piston
Cockpit	Side-by-side two-seater
Landing Gear	Tailwheel
Aircraft structure	Wood & wood-carbon composit
Length	23.82 ft   7,26m
Wingspan	28.8 ft   8,78m
Version	VFR
Use	Day VFR aerobatic & training aircraft
Engine	Lycoming AEIO-390/A3B6 210 hp @ 2 700 rpm
Propeller	MT Propeller MTV-15-B-C/C193-25 Constant speed - 2 blades
Safety	Whole rescue parachute Anti deflag fuel tanks
Cruising Speed (@8,000 ft   75%)	150 ktas   278 km/h
Maneuvering Speed	162 kt   300 km/h
Approach speed	78 kt   145 km/h
Stall speed	60 kt   111 km/h
Take off distance	@1005 kg : 318m
Load Factor	+7,5/-7,5 G (@935 kg / CAT A2 Category extended) +6/-4,5 G (@960 kg / CAT A2 Category limited) +5/-3 G (@1005 kg / BC Category)
MTOW	2.216 lbs   1 005 kg
Range	530 NM   980km
Fuel Capacity	42 gal US   159 L
Noise level	78.4 dB(A) @ takeoff (2,600 rpm / MTOW of 2,221 lbs -1,005 kg)
Luggage Capacity	66 lbs   30 kg

