

# TB 20 PERFORMANCE

## WITH SMA SR305-230 ENGINE



Max Weight : 1397 kg - 3080 lbs

### ■ CRUISING AT 8500 ft :

Range of operation : (325 l @ 150 hp)	1650 nm	3056 km
Range without reserve : (325 l Gal @150 hp)	11h05mn	11h05mn

### ■ CRUISING AT 12500 ft\* :

Range of operation : (325 l @ 150 hp)	1717 nm	3180 km
Range without reserve : (325 l @ 150 hp)	11h05mn	11h05mn

### ■ ENGINE SMA SR305-230 :

Take- off power (5 minutes) :	230 hp at sea level
Maximum continuous power :	200 hp

### ■ LANDING PERFORMANCES :

Ground run :	825 ft	251 m
Landing distance over 50 ft :	1820 ft	555 m

### ■ PROPELLER :

Three-blade, constant speed.

Diameter :	78 in	1,98 m
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■ CLIMBING RATE AT 500 ft (200 hp) :	969 fpm	4,9 m/s
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### ■ CEILING :

Maximum operating altitude :	12500 ft*	3810 m
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\* Increase planned

■ **SPEED (vp) :**

Maximum at sea level :	137 kt	254 km/h
Cruising at 9000 ft (200 hp) :	147 kt	272 km/h
Cruising at 12500 ft (190 hp) :	150 kt	278 km/h

■ **STALL SPEED (IAS) :**

Flaps up, engine iddle :	70 kt	130 km/h
Flaps down (landing), power off :	59 kt	109 km/h

■ **TAKE-OFF PERFORMANCES :**

Ground run :	1445 ft	440 m
Landing distance 50 ft :	2264 ft	690 m

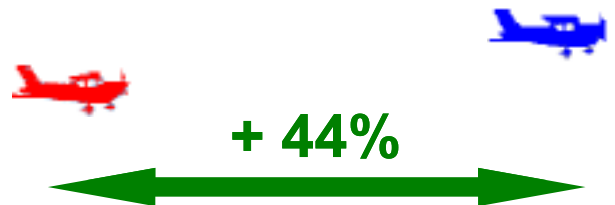
■ **WING LOAD :**

24.1 lb / ft <sup>2</sup>	118 kg/m <sup>2</sup>
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**Maximum range at 8,500 ft with 86 gallons of usable fuel and 45 minutes VFR reserve (NM)@ 145 kts**

**TB 20 – I0-540  
1040 NM - 7h10mn**



**TB 20 – SR 305  
1498 NM - 10h20**

*Non contractual data.*

**CONTACT US:**

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