

ZOUTE AIR TROPHY 2018 G1 Rotax 912S E-Props / ERIC GRARE

June 2018 : first Zoute AirTrophy STOL (Short Take Off and Landing) competition on the beach at Knokke-Heist (Belgium)

The competition is simple. The winner in each category is defined as the combination (adding together) of take-off and landing distance (a cycle). The take-off distance is measure from the aircraft fully stopped to the point at which the main wheels leave the ground the last time. The landing is the distance measured from the main wheels of the aircraft at a complete stop from the arrival line. If the aircraft touches before the arrival line, then that 'cycle' is voided.

8 categories, including the 3-Axis Aeroplane < 501 kg (ultralights and very light aircraft)
In this category, 20 pilots.

M. Eric GRARE was competing with his G1 Gelinotte engine Rotax 912S propeller 3-blade E-Props Durandal.



Ultralight G1 Rotax 912S E-Props Durandal

With this configuration :

- **shorter take-off = 8 m** (the shorter distance of other competitors was 14,2 m !)
- **shorter landing = 13,7 m**

Due to a small misunderstanding, Eric only took the second place this time, but had the best results.

=> Take-off in 8 meters is exceptional ! Congrats Eric !

TYPE	TRY	TAKE-OFF	LANDING	TOTAL DISTANCE
Guerin G1 Gelinotte	8	13.3m	20.7m	34m
FUEL TYPE AVGAS/Mogas etc.	9	23m	16.2m	39.2m
SLOT 14/06/2018 10:24	10	14.6m	19.61m	34.21m
	11	16.8m	13.7m	30.5m
	12	8m	-	-

Eric's results



And here they are: the Category Winners of the #ZouteAirTrophy 2018!

3-Axis Aeroplane <501kg – Prize by Air Trophy

1. Jean Louis Schlessler (18) - 28.30m - Monaco
2. Eric Grare-Berthault (28) - 30.50m - Mauritius
3. Luc Coesens (27) - 34.91 - Belgium



=> Using an E-PROPS propeller helps to take-off and land shorter than with other propellers

