

Laboratory Service PHYSICAL TEST REPORT



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Subject: VOLTANA-0

Sample n°: P-E16383

Test purpose: Aerodynamic wind test

Remarks:

Test request n°: P-D16561

Folder n°: P-F16041

TEST CONDITIONS:

Operator: ULg – CAT Soufflerie

2 tests realized:

- 1) Aerodynamic Coefficient determination
- 2) Endurance test

1) Aerodynamic coefficient determination

	<u>Value (m²)</u>		
<u>Wind Direction</u>	<u>Cd.S (drag)</u>	<u>Cs.S (Side)</u>	<u>Cl.S (Lift)</u>
Front 5°	0,004	0,002	0,012

2) Endurance test: wind qualification test

Wind direction: Front 5°

Wind resistance: 2' at 188 km/h

Result: OK

CONCLUSIONS:



VOLTANA 0 satisfies the wind speed test 188 Km/h for 2 minutes.

See Aerodynamic coefficients here above.

Duplicate to: Mr M. Thijs
LAB 03/11/2016
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