



Mechanisms in Low-Reynolds-Number Flows 6 June 2016 | Journal of Propulsion and Power, Vol. 32,

tunnel with a Low Reynolds Number (LRN) Propeller Performance Test Rig. This LRN condition is verified in small Unmanned Aerial Vehicles (UAVs) applications or in the high-altitude airships covered by the project MAAT-Multibody Advanced Airship for Transport. The design, construction and validation of an accurate measuring mechanism was conducted.

Corpus ID: 125120322. Low Reynolds Number Propeller Performance Measurement in Wind Tunnel Test Rig @inproceedings{Alves2014LowRN, title={Low Reynolds Number Propeller Performance Measurement in Wind Tunnel Test Rig}, author={P. Alves}, year={2014} }

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In [6], they designed an integrated propulsion test system for measuring the performance of small diameter propellers (6 in. to 22 in.) at low Reynolds number ( typically between 30000 and 300000).

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