

Noise from a Rotor Ingesting Inhomogeneous Turbulence

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In

Aerospace Engineering

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Figure 51: Tuft flow visualization for a 30 m/s 2734 RPM, $J=1.44$ condition (Photo taken during study of Alexander et al. (2014))



Figure 55: Tuft flow visualization for a 22 m/s 2734 RPM, $J=1.05$ condition (Photo taken during study of Alexander et al. (2014))

Figure 59: Tuft flow visualization for a 12 m/s 2734 RPM, $J=0.58$ condition (Photo taken during study of Alexander et al. (2014))

Figure 63: Streamwise scales obtained directly from average eddy passage signatures for varying advance ratios and free stream velocities, compared to scales obtained in Alexander et al. (2013)

Written Permission Documentation is on page 2

W. Nathan Alexander <alexande@vt.edu>

9:28 AM (22 hours ago) ☆  

to me ▾

David,

You have permission to use my figures and data in your thesis.

Nathan Alexander

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On Tue, Jun 2, 2015 at 9:24 AM, David Wisda <davidw3@vt.edu> wrote:

Dr. Alexander,

I would like to request your permission to use three of your tuft flow visualization pictures that you took for the study of Alexander *et al.* (2014) for Figures 51, 55, and 59 in my thesis.

In addition, do I have permission to compare my streamwise turbulence scales to those calculated by you in Alexander *et al.* (2013) in Figure 63 of my thesis?

Thank you,

David Wisda

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