High Reynolds Number Turbulent Boundary Layer Flow over Small Forward Facing Steps

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Thesis submitted to the faculty of the Virginia Polytechnic Institute and State University in partial fulfillment of the requirements for the degree of

Master of Science

in

Aerospace Engineering

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06/29/2012

Blacksburg, Virginia

Keywords: turbulent boundary layer, forward facing steps, wall pressure fluctuations, separating-reattaching Flow, velocity fluctuation
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Figure 2: Design Layout of Virginia Tech Stability Wind Tunnel, Acoustic Test Section, Modified Test Section for Present Work

Figure 3: Virginia Tech Stability Tunnel Fan

Used with Permission of Dr. William J. Devenport, Professor & Assistant Department Head for Laboratory Facilities and Director of the VT Stability Wind Tunnel

Written Permission Documentation:

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William Devenport <devenport@vt.edu>  Tue, Jul 17, 2012 at 7:56 AM
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yes

From: Manuj Awasthi [mailto:vtmanuj@gmail.com]
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Manuj Awasthi <vtmanuj@gmail.com>  Tue, Jul 17, 2012 at 12:27 AM
To: William Devenport <devenport@vt.edu>

Hi Dr. Devenport,

May I have your written permission to use adapted versions of the Virginia Tech Stability Wind Tunnel schematics found at:

http://www.aoe.vt.edu/researchfacilities/stabilitytunnel/acoustics-stabilitytunnel.html

in figures 2 and 3 of my masters thesis

Thank You
Manuj Awasthi
Figure 4: Test Wall/Contraction Area view (9.5 mm boundary layer trip shown in inset on top left

Figure 7: Test wall to test section attachment mechanism

Figure 16: B&K Microphone calibration magnitude and phase curves

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Jonathan Forest <jforest@vt.edu> 
To: Manuj Awasthi <vtmanuj@gmail.com>

Manuj,

You have my permission to use all 3 figures listed below in your Thesis.

-Jon Forest

--

Jonathan Forest
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Permission to use figures in masters thesis writeup

Manuj Awasthi <vtmanuj@gmail.com>
To: Jonathan Forest <jforest@vt.edu>

Hi Jonathan,

May I have your written permission to use the following pictures that you took during the Feb/March 2012 Virginia Tech Stability Wind Tunnel entry in my Master’s thesis

1. Figure 4 showing the 9.5 mm boundary layer trip
2. Figure 7 showing the pictures of the false wall rail
3. Figure 16 showing the microphone calibration and fitted calibration curves for one of the B&K 4138 measurement microphones

Thank You
Manuj Awasthi