

Comparison of Heat Exchanger Designs for Aircraft Thermal Management

William Cody Reed

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

Pradeep Raj, Co- Chair

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Blacksburg, Virginia

Keywords: Thermal Management System, Optimization, Aerospace, Heat Exchangers, Thermal Storage

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2 messages

Cody Reed <reedwc@vt.edu>
To: Peter Weise <peter.c.weise@gmail.com>

Tue, May 12, 2015 at 3:43 PM

Peter,

I am writing to ask permission to reprint figures [Specifically figures 3.11 and 3.12] from your thesis "Mission-Integrated Synthesis/Design Optimization of Aerospace Systems under Transient Conditions." as part of my graduate work with Dr. Michael von Spakovsky at Virginia Tech.

The requested material would be republished in Virginia Tech's Digital Library and Archives for educational purposes. I appreciate your help.

Sincerely,

Cody

—

W. Cody Reed
BS/MS Aerospace Engineering
Virginia Tech 14/15'
Phone: (804) 761-5685
Email: reedwc@vt.edu

Peter Weise <peter.c.weise@gmail.com>
To: Cody Reed <reedwc@vt.edu>

Tue, May 12, 2015 at 4:46 PM

Cody,

You have my permission to reprint those figures. Good luck with your work. Please send me a copy of your paper or thesis when you are done. I'd love to read it.

Thanks,
Peter



Peter Weise / Mechanical Engineer
peter.c.weise@gmail.com / 509.480.7171



[Quoted text hidden]

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Cody Reed <reedwc@vt.edu>
To: grant.gvozdich@gmail.com

Tue, May 12, 2015 at 3:38 PM

Grant,

I am writing to ask permission to reprint figures and tables [Specifically figures 1.1, 2.12, 3.25, 3.27, 5.14, 5.15, and 5.17 as well as tables 2.1, 5.11 and 5.13] from your thesis "Modeling the Effects of Transient High Energy Weapon Subsystems on High-performance Aerospace Systems." as part of my graduate work with Dr. Michael von Spakovsky at Virginia Tech.

The requested material would be republished in Virginia Tech's Digital Library and Archives for educational purposes.

Sincerely,

Cody

—

W. Cody Reed
BS/MS Aerospace Engineering
Virginia Tech 14'/15'
Phone: (804) 761-5685
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Grant Gvozdich <grant.gvozdich@gmail.com>
To: Cody Reed <reedwc@vt.edu>

Wed, May 13, 2015 at 7:10 PM

Cody - You have permission to reprint any figures from my thesis that I created. I reviewed some of the figures that you identified; not all of them are mine.

Grant

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