



Newsletter – June 2005

Dryden Research Library is located in Bldg. 4800 Room 2412. Check out our home page: <http://www.dfrc.nasa.gov/Organizations/TechPubs/Library/index.html>

For any of your library needs please contact via email or call:

Barbara Rogers, the Librarian at ext. 3702,
email: barbara.rogers@dfrc.nasa.gov

Renee Richardson, the Library Technician at ext. 3127,
email: renee.richardson@dfrc.nasa.gov

The Dryden Research Library staff are part of the ITI/SCSC Team and their Technical Monitor is:

Ron Ray, at ext.3687, email: ron.ray@dfrc.nasa.gov

NOTICE: To access the NASA Dryden Research Library Webpage, see web address below:

<http://www1.nasa.gov/centers/dryden/about/Organizations/TechPubs/Library/index.html>

SURPLUS OF MAGAZINES: The Library has gone through all old magazines that are no longer being kept. If you are interested, please come by the library. We have some issues located outside of the library on the table. For additional magazines titles, see Renee.

REMINDER: LIBRARY INVENTORY: The Library has started its inventory of all materials checked out. We will be sending out notices and are asking everyone who has any library materials to return the items. As soon as the materials are inventoried you may recheck the item out.

PLEASE RETURN ALL UNUSED MATERIALS.
Reminder: PLEASE SIGN IN.

THANK YOU FOR YOUR ATTENTION IN THESE MATTERS.

NO New Materials received in May, 2005 at the Dryden Research Library:

TECHNICAL REPORTS OFFICE

Dryden Authors Reports Published in May, 2005

1. Bogue, Rodney K. and Henk W. Jentink, *Optical Air Flow Measurements in Flight*, NASA/TP-2004-210735, December 2004. (MK) **(H-2506)** [distributed May 2005]
2. Marshall, Laurie A., Griffin P. Corpening, and Robert Sherrill, "A Chief Engineer's View of the NASA X-43A Scramjet Flight Test," AIAA-2005-3332. Presented at the AIAA/CIRA 13th International Space Planes and Hypersonics Systems and Technologies Conference, Capua, Italy, May 16–20, 2005.
3. Marshall, Laurie A., Catherine Bahm, Griffin P. Corpening, and Robert Sherrill, "Overview With Results and Lessons Learned of the X-43A Mach 10 Flight," AIAA-2005-3336. Presented at the AIAA/CIRA 13th International Space Planes and Hypersonics Systems and Technologies Conference, Capua, Italy, May 16–20, 2005.
4. Baumann, Ethan, Cathy Bahm, Roger Beck, and Brian Strovers, "The X-43A Mach 10 Mission Guidance and Control Updates, Rationale, and Flight Test Results," To be presented at the JANNAF 40th Combustion Subcommittee (CS), 28th Airbreathing Propulsion Subcommittee (APS), 22nd Propulsion Systems Hazards Subcommittee (PSHS), and 4th Modeling and Simulation Subcommittee (MSS) conference, Charleston, South Carolina, June 13–17, 2005. **(U. S. Government Agencies and U. S. Government Agency Contractors only.)**
5. Vachon, Michael Jacob, Thomas J. Grindle, Clinton W. St. John, and David B. Dowdell, "X-43A Fluid and Environmental Systems: Ground and Flight Operation and Lessons Learned," Presented at the AIAA/CIRA 13th International Space Planes and Hypersonic Systems and Technologies Conference, Capua, Italy, May 2005.
6. Bahm, Catherine, Ethan Baumann, John Martin, David Bose, Dr. Roger E. Beck, and Brian Strovers, "The X-43A Hyper-X Mach 7 Flight 2 Guidance, Navigation, and Control Overview and Flight Test Results," Presented at the AIAA/CIRA 13th International Space Planes and Hypersonic Systems and Technologies Conference, Capua, Italy, May 2005.

7. Lizotte, Andrew M. and William A. Lokos, *Deflection-Based Structural Loads Estimation From the Active Aeroelastic Wing F/A-18 Aircraft*, NASA/TM-2005-212871, May 2005.
8. Marshall, Laurie A., Griffin P. Corpening, and Robert Sherrill, *A Chief Engineer's View of the NASA X-43A Scramjet Flight Test*, NASA/TM-2005-212867, May 2005. **(U. S. Government Agencies and U. S. Government Agency Contractors only.)**
9. Marshall, Laurie A., Catherine Bahm, Griffin P. Corpening, and Robert Sherrill, *Overview With Results and Lessons Learned of the X-43A Mach 10 Flight*, NASA/TM-2005-212868, May 2005. **(U. S. Government Agencies and U. S. Government Agency Contractors only.)**
10. Vachon, Michael Jacob, Thomas J. Grindle, Clinton W. St. John, and David B. Dowdell, *X-43A Fluid and Environmental Systems: Ground and Flight Operation and Lessons Learned*, NASA/TM-2005-212870, May 2005. **(U. S. Government Agencies and U. S. Government Agency Contractors only.)**
11. Bahm, Catherine, Ethan Baumann, John Martin, David Bose, Dr. Roger E. Beck, and Brian Strovers, *The X-43A Hyper-X Mach 7 Flight 2 Guidance, Navigation, and Control Overview and Flight Test Results*, NASA/TM-2005-212869, May 2005. **(U. S. Government Agencies and U. S. Government Agency Contractors only.)**
12. Marshall, Laurie A., Catherine Bahm, Griffin P. Corpening, and Robert Sherrill, "A Chief Engineer's View of the NASA X-43A Flight Tests and Lessons Learned." To be presented at the JANNAF 40th Combustion Subcommittee (CS), 28th Airbreathing Propulsion Subcommittee (APS), 22nd Propulsion Systems Hazards Subcommittee (PSHS), and 4th Modeling and Simulation Subcommittee (MSS) conference, Charleston, South Carolina, June 13–17, 2005. **(U. S. Government Agencies and U. S. Government Agency Contractors only.)**

The NASA Dryden Research Library gives Library Tours and Orientation. They will be twice a month on Friday afternoons and take 30 minutes to an hour. This is available for Dryden employees or staff that would like more information on the Research Library services. A tour of the library facilities will be given, with handouts about library services. There will be demonstrations on searching several databases accessible from the Research Library website, including AIAA, Science Direct, ASAP, DTRS, etc. You can bring information on topics you would like to search. Please call Barbara Rogers at ext. 3702 to schedule and appointment.