



Newsletter – May 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>

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.

New Materials received in April, 2005 at the Dryden Research Library:

Circulating Books

- | | |
|------------------------------|---|
| QA 75 .S557 1979 | How to Program Your Programmable Calculator
By: Stephen L. Snover |
| QB 500.286 .U6 N38 1991 | First Among Equals: The Selection of NASA Space
Science Experiments
By: John E. Naugle |
| QB 602.9 .B927 1996 | To See the Unseen: A History of Planetary Radar
Astronomy
By: Andrew J. Butrica |
| TK 5104 .B573 1997 | Beyond the Ionosphere: Fifty Years of Satellite
Communication |
| TL 521.3 A33 2000 | Atmosphere of Freedom: Sixty Years at the NASA
Ames Research Center
By: Glenn E. Bugos |
| TL 521.312 .A64 1981 | Orders of Magnitude: A History of NACA and NASA,
1915-1980
By: Frank W. Anderson, Jr. |
| TL 521.312 .B56 1989 | Orders of Magnitude: A History of the NACA and
NASA, 1915-1990
By: Roger E. Bilstein |
| TL 521.312 .D47 1993 | Suddenly, Tomorrow Came: A History of the Johnson
Space Center
By: Henry C. Dethloff |
| TL 521.312 .G58 1993 | The Birth of NASA: The Diary of T. Keith Glennan |
| TL 521.312 .H36 1995 | Spaceflight Revolution: NASA Langley Research
Center From Sputnik to Apollo
By: James R. Hansen |
| TL 521.312 .P853 1998 | NASA's Origins and the Dawn of the Space Age
By: David S. F. Portree |
| TL 521.312 .R58 1985 V.1&V.2 | Model Research: The National Advisory Committee
for Aeronautics 1915-1958
By: Alex Roland |

TL 521.312 .W35 1994	Airborne Trailblazer: Two Decades with NASA Langley's 737 Flying Laboratory By: Lane E. Wallace
TL 521.312 .W45 1976	Origins of NASA Names By: Helen T. Wells
TL 537 .F76 1998	From Engineering Science to Big Science: The NACA and NASA Collier Trophy Research Project Winners
TL 540.A495 A549 2002	Memoirs of an Aeronautical Engineer: Flight Tests at Ames Research Center: 1940-1970 By: Seth B. Anderson
TL 551.5 .T69 1999	Toward Mach 2: The Douglas D-558 Program
TL 565 .H38 1970	Adventures in Research: A History of Ames Research Center, 1940-1965 By: Edwin P. Hartman
TL 565 .M84 1985	Searching the Horizon: A History of Ames Research Center, 1940-1976 By: Elizabeth A. Muenger
TL 567.R47 M35 2000	The History of the XV-15 Tilt Rotor Research Aircraft: From Concept to Flight By: Martin D. Maisel
TL 568 .L34 H36 1987	Engineer in Charge: A History of the Langley Aeronautical Laboratory, 1917-1958 By: James R. Hansen
TL 568 .P76 D38 1991	Engines and Innovation: Lewis Laboratory and American Propulsion Technology
TL 574 .L3 B823 1999	A History of Suction-Type Laminar-Flow Control with Emphasis on Flight Research By: Albert L. Braslow
TL 696 .L3 T82 1999	Touchdown: The Development of Propulsion Controlled Aircraft at NASA Dryden By: Tom Tucker

TL 788.4 .L64 1998	Together in Orbit: The Origins of International Participation in the Space Station By: John M. Logsdon
TL 788.5 .S64 1985	A Spacefaring People: Perspectives on Early Spaceflight By: Alex Roland
TL 789.8 .S568 2000	Challenge to Apollo: The Soviet Union and the Space Race, 1945-1974 By: Asif A. Siddiqi
TL 789.8 .U5 E96 (Volumes 1 thru 6)	Exploring the Unknown: Selected Documents in the History of the U.S. Civil Space Program
TL 789.8 .U6 A5187 1999	"Before this Decade is Out..." Personal Reflections on the Apollo Program
TL 789.8 .U6 J52 2000	Hypersonics before the Shuttle: A Concise History of the X-15 Research Airplane By: Dennis R. Jenkins
TL 789.8 .U6 M26 1999	Managing the Moon Program: Lessons Learned from Project Apollo
TL 789.85 .S43 A3 1996	Aiming at Targets: The Autobiography of Robert C. Seamans, Jr. By: Robert C. Seamans, Jr.
TL 790 .S568 2002	Deep Space Chronicle: A Chronology of Deep Space and Planetary Probes, 1958-2000 By: Asif A. Siddiqi
TL 795.5 .H47 1999	The Space Shuttle Decision: NASA's Search for a Reusable Space Vehicle By: T. A. Heppenheimer
TL 799 .M3 P47 1999	The Difficult Road to Mars: A Brief History of Mars Exploration in the Soviet Union By: V.G. Perminov
TL 799 M3 P853 2001	Humans to Mars: Fifty Years of Mission Planning, 1950-2000 By: David S. F. Portree

TL 862 .G37 D897 1999	Power to Explore: A History of Marshall Space Flight Center, 1960-1990 By: Andrew J. Dunar
TL 862 .G6 R68 1968	Venture into Space: Early Years of Goddard Space Flight Center By: Alfred Rosenthal
TL 862 .G6 W191 1999	Dreams, Hopes, Realities: NASA's Goddard Space Flight Center, The First Forty Years By: Lane E. Wallace
TL 862 .J65 H567 1997	Way Station to Space: A History of the John C. Stennis Space Center By: Mark R. Herring
TL 862 .W35 W189 1997	Wallops Station and the Creation of an American Space Program By: Harold D. Wallace, Jr.
TL 873 .P82 1997	Walking to Olympus: An EVA Chronology By: David S. F. Portree
TL 3026 .M84 2000	Uplink-Downlink: A History of the Deep Space Network, 1957-1997 By: Douglas J. Mudgway
UG 644 .H36 C43 2000	Partners in Freedom: Contributions of the Langley Research Center to U.S. Military Aircraft of the 1990's By: Joseph R. Chambers

TECHNICAL REPORTS OFFICE

Dryden Authors Reports Published in April, 2005

1. Lizotte, Andrew M. and William A. Lokos, "Deflection-Based Aircraft Structural Loads Estimation With Comparison to Flight," AIAA-2005-2016. Presented at the 46th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics & Materials Conference, April 18–21, 2005, Austin, Texas.
2. Cox, Timothy H. and M. Christopher Cotting, *A Generic Inner-Loop Control Law Structure for Six-Degree-of-Freedom Conceptual Aircraft Design*, NASA/TM-2005-212865, April 2005.

3. Cotting, M. Christopher and Timothy H. Cox, *A Generic Guidance and Control Structure for Six-Degree-of-Freedom Conceptual Aircraft Design*, NASA/TM-2005-212866, April 2005.
4. Ko, William L., *Stress Analysis of B-52B and B-52H Air-Launching Systems Failure-Critical Structural Components*, NASA/TP-2005-212862, April 2005.

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.