



14 October 2010

*Leveraging Technical Expertise via Boeing Library Services**
Diane Brenes, Librarian, Boeing Library & Learning Center Services

Leveraging Technical Expertise via Boeing Library Services*



The Boeing Library is now improving access to external and internal technical information via:

- The Library Catalog
- Customized Webpages
- Special Collections – Experts

This helps groups leverage expertise across the enterprise.

*Boeing retains all rights to the material presented

Improving access to external and internal technical information



Boeing Library Catalog

- affordable platform
- access across the enterprise or by a selected audience
- within the firewall

The screenshot shows a search results page for the Boeing Library Catalog. The search criteria are 'KEYWORDS (1-50 of 1064)'. Three results are visible, each with a 'View Online' button and a 'More...' link. An orange oval with the text 'capture, organize, & share digitized technical papers' is overlaid on the bottom right of the results, with arrows pointing to the 'View Online' buttons and the document titles of the three results.

Result Number	Title	Author(s)	Year	Document Type
1	Production certification : Boeing model 787	Roosa, Donald J. Weiseth, Mark I.	2008	BOEING DOC
2	Boeing 787 OMS member system protocol requirements for ARINC 429 systems	Boeing 7E7 OMS member system protocol requirements for ARINC 429 systems McCarten, Tim A. Smoll, David B.	2008	BOEING DOC
3	BCA composite structure material properties and prepreg	787 composite structure material properties and allowa prepreg Wilkinson, Marianne E. Keune, John N.	2008	BOEING DOC

Improving access to external and internal technical information



Boeing Library Catalog

ADVANCED SEARCH

Title phrase

Author names

Subject words

Limit by:

Collection:

Location:

Material Type:

Year: After and Before

multiple search capabilities,
flexible delivery options

a controlled vocabulary

Title	Standard geosynchronous transfer o Safety review document, model Sea
Author	Donohue, Tanya N.
Author	Adam, Ramsis A.
Corporate Name	Boeing Commercial Space Company.
Publication Info	2004
Date	December 1, 2000
Revision Date	20040521

- [Sea Launch Program](#)
- [Sea Launching](#)
- [Zenit-3SL launch vehicle](#)
- [Licensing](#)
- [Requirements](#)
- [Flight safety](#)
- [Block DM launch stage](#)
- [Safety analysis](#)

Search Tips

Keyword searching is not case sensitive.

Adjacency

Multiple words are initially searched together as one phrase.

Example: microwave scanning antennas

Improving access to external and internal technical information



Boeing Library Catalog

Title	Brake hydraulic system isolation valve and line
Corporate Name	Rockwell International, Space Systems Division
Publication Info	1991
Date	April 1991
Report Number	SSD91D0188
Contract Number	NAS9-17800 IRD SE-501T5

Availability	Find Similar Items	Other Details
Location	Call No.	
Huntington Beach CA Data Management	DOC-SSD91D0188	

Title	F-18 Program Configuration Management Plan
Author	Kowalski, G V
Corporate Name	McDonnell Aircraft Company
Publication Info	1979
Date	March 16, 1976
Edition	Revision C
Report Number	MDC-A4030
Revision Date	19790202
Revision Level	C
Original Release Date	19760316
Contract Number	N00019-75-C-0424

Availability	Find Similar Items	Other Details
Online Resource Link(s):		
View online: MDC-A4030-C		

or an entire document for immediate full-text access

a simple record with or without a detailed abstract

Improving access to external and internal technical information



Boeing Library Catalog

access to Boeing technical expertise

BOEING DOCUMENT SEARCH

Keywords

Limit by:
 Collection:
 Year: After (yyyy) Before (yyyy)
 Sort by:

For the purpose of the Boeing Library Catalog, Boeing documents are D-documents, T-documents, some S-documents, manufacturing development reports (MDR), and many of the released reports of the heritage Rockwell and heritage McDonnell Douglas sites. Boeing documents do not include nonreleased reports, work papers, books, annual reports, photos, web sites, video recordings, or audio recordings, even if they are by Boeing.

For an Identification Number search, type the Boeing document number as it appears. Punctuation and space may be omitted (Example: D6-76300)

access to external content such as AIAA, IEEE, ACM, Knovel and NAFEMS.

Resource Name	AIAA Electronic Library [electronic resource]
Alternate Resource Name	AIAA Meeting Papers
	AIAA Journals
	American Institute of Aeronautics and Astronautics
	AIAA
Resource Type	E-JOURNAL (full text)
Online Resource Link:	AIAA Electronic Library [electronic resource]

Resource Name	NAFEMS library [electronic resource]
Alternate Resource Name	National Agency for Finite Element Method
Resource Type	E-REPORT (full text)
Description	NAFEMS, the International Association for Community, provides a library of independent simulation. Publication topics include simulation (FEA), multibody system (MBS) dynamics, search via keywords, titles or authors with resources. please see the NAFEMS website

Online Resource Link: [NAFEMS library \[electronic resource\]](#)

Improving access to external and internal technical information



Customized Webpages – by subject

Gateway Webpages that present information resources on a particular topic bridge the gap between knowledge management and library resources.

These pages can facilitate quick access to external and internal technical expertise as well as connections across business units.

Based on the sensitivity of your information — whether it is proprietary, export controlled, or requires an access control list — the Boeing library can protect it from unauthorized individuals using one or more levels of security restriction.

Gateway Webpages present information resources on a particular topic, bridging the gap between knowledge management and library resources.

Gateway pages can be created to pull together resources on a topic of interest, e.g. Lean+

These pages can facilitate quick access to external and internal technical expertise as well as connections across business units.

BOEING Shared Services Group Employee Services

Resources Services Help Quick Links

Library & Learning Center Services

Home > Resources > Reference tools > Lean+ Library

LEAN+ LIBRARY

Search Lean+ Resources in the the Library Catalog

Keywords Submit

Search keywords, titles or authors in the "Lean+ materials" subject category, within the Boeing library catalog.

- [Guide to Implementing the Theory of Constraints](#)
- [Lean+ Website and Lean+ Roadmap](#)
- [Harvard Business Review](#)
- [Project Management Institute](#)
- [International Society of Six Sigma Professionals](#)
- [Software Engineering Institute](#)

Glossary Lean+ Links Additional Sources Professional Assoc. Links

Enter Search Term(s) - Leave Blank for All Search

- Accelerated Improvement Workshop (AIW)
A rapid, rigorous, and disciplined learn/do process, requiring detailed planning. In AIW, people who do the work reorganize it to achieve major reductions in cost and flow time. See also the Accelerated Improvement Workshop website.
- Analyze Phase (A)
Third phase of the DMAIC process. Examines data collected on the variables in the process that affect the output; generates a prioritized list of the sources of variation.
- Andon

Search box will search within library collection of Lean+ materials

Page features suggested starting points and related resources

Improving access to external and internal technical information



Customized Webpages - for a work group

Gateway Webpages can be customized to your group's knowledge and content specifications.

Librarians can set up the webpage to provide quick access to the external information databases and subscriptions that your group uses most, and also to particular documents.

The library staff can add the documents used by your group to the library catalog, creating special collections within our Library system where your material can be accessed by your team from this page with one click.

Gateway Webpages can be customized to your group's knowledge, content and security specifications.

Library & Learning Center Services

[Home](#) > [Resources](#) > [Reference tools](#) > C-17 Avionics/Flight Control Systems/Software Resources

[? Ask us!](#) | [My Account](#)

C-17 AVIONICS/FLIGHT CONTROL SYSTEMS/SOFTWARE RESOURCES

Search C-17 Avionics/Flight Control Systems/Software

Keywords

Search keywords, titles or authors in the "C-17 Avionics documents":

[Retrieve all C-17 Avionics documents](#)

[Add a document to the library's C-17 Avionics collection.](#)

Aerospace & Engineering Resources

Business & Computing Resources

- [AIAA Electronic Library](#)
- [EI Engineering Village 2](#)
- [IEEE Xplore](#)
- [Jane's Online](#)
- [Knovel](#)
- [Scirus](#)
- [Science Direct](#)
- [Wiley InterScience Online Books](#)

Provides quick access to external information resources your group uses most and to particular documents. We can add documents used by your group to the library catalog, creating a special collection so that your group can retrieve its documents with one click. Then your team can add to the collection via an input page

[Library Home](#) > [C-17 Avionics resources](#) > [Upload C-17 Avionics Systems and Software Documents](#)

UPLOAD A C-17 AVIONICS/FLIGHT CONTROLS/SOFTWARE RESOURCES DOCUMENT

Fill out this form to upload documents and descriptive information to the library.

Document Information: * Mandatory field.

* Title:

Author:

Document Number:

* Date:

Revision Date:

Revision:

Contract:

Description/Abstract:

Responsivity:

Upload file(s) or Upload link(s)

file:

[upload more files](#)

Document submitted by [view](#)

Improving access to external and internal technical information



Special Collections – Experts

Career engineers and scientists at The Boeing Company have produced significant bodies of work in fields which, when combined with notes about their work or lessons learned, constitute a definitive view into that subject area.

To make this information permanently discoverable for reuse across Boeing, the library is compiling these bodies of work into searchable special expert collections.

Special Collections - Experts

BOEING Shared Services Group Employee Services

Resources Services Help Quick Links

Library & Learning Center Services

Home > Resources > Reference tools > Experts ? Ask us! | My

SPECIAL COLLECTIONS - EXPERTS

About Special Collections
Many career engineers and scientists at The Boeing Company have produced significant bodies of work in fields which, when combined with notes about their work or lessons learned along the way, constitute a definitive view into that subject area. To make this information discoverable for reuse across Boeing, the library is compiling these bodies of work into searchable Expert Collections.

Related Information

- Need help from an expert? Check locators at [Boeing Experts](#) to find an expert in your field.
- [Learn](#) more about adding expert collections or other special collections to the library.

Search a collection in the the Library Catalog

Leonard J. Hart-Smith collection Keywords

Search for keywords, titles or authors within a collection.
[Retrieve all documents in the selected collection.](#)
[Add a document to your collection.](#)

Select a Collection:
Kenneth M. Gerst collection
Hari Hablani collection
Leonard J. Hart-Smith collection
John H. McMasters collection
Robert Rex Rice collection

Search the Leonard J. Hart-Smith collection in the the Library Catalog

Leonard J. Hart-Smith collection Keywords

Search for keywords, titles or authors within a collection.
[Retrieve all documents in the Leonard J. Hart-Smith collection](#)
[Add a document to your collection.](#)
[Leonard J. Hart-Smith collection \[special collection\]](#)

Collection consists of reports and articles authored by Dr. Leonard John Hart-Smith, Boeing Senior Technical Fellow on structural adhesives as engineering materials and their behavior in the bondline, adhesive bonding of metals and composites, design of bonded joints for metals and composites, mechanics of numerous types of classical and nonclassical joints, and elastic-plastic theory of adhesive joint design.

[About Us](#) | [Home](#)

- Select and search one of the established expert collections.
- Retrieve an entire expert collection or
- Add a document to your collection

Special Collections - Experts



Shared Services Group
Employee Services

Library & Learning Center Services

Start Over

Add to My List

RECORD NO

e1000296

Search Complete Catalog

Search

Resource Name	Leonard J. Hart-Smith collection [special collection]
Alternate Resource Name	Hart-Smith collection
	L. J. Hart-Smith
Resource Type	SPECIAL COLLECTION
Coverage	1973-2007
Description	Collection consists of reports and articles authored by Dr. Leonard John Hart-Smith, Boeing Senior Technical Fellow on structural adhesives as engineering materials and their behavior in the bondline, adhesive bonding of metals and composites, design of bonded joints for metals and composites, mechanics of numerous types of classical and nonclassical joints, and elastic-plastic theory of adhesive joint design.

Sample record with
access to full text

Permalink to this Record

Online Resource Link: [Leonard J. Hart-Smith collection \[special collection\]](#)

Special Collections - Experts

SUBJECT Search Complete Catalog System Sorted Sort

Search

Result Page: 1 2 3 Next

Add to My List Add Page to My List

SUBJECTS (1)

Leonard J. Hart-Smith collection

- [Adhesive bond stresses and strains at discontinuities](#)
Leonard J. Hart-Smith collection
Hart-Smith, L. J.
McDonnell Douglas Corporation. Douglas Aircraft Company
REPORT/PAPER
1976
- [Adhesive bond stresses and strains at discontinuities](#)
American Society of Mechanical Engineers Winter Annual Meeting
Georgia
Hart-Smith, L. J.
Douglas Aircraft Company. Aircraft Division.
REPORT/PAPER
1977
- [Adhesive-bonded double-lap joints](#)
Leonard J. Hart-Smith collection
Hart-Smith, L. J.
United States. National Aeronautics and Space Administration
REPORT/PAPER
1973
- [Adhesive bonded joints for fibrous composite structures](#)
International Symposium on Joining and Repair of Fibre-Reinforced Plastics, 1986,
London, England
Hart-Smith, L. J.

Record 4 of 149

« Previous Record Next Record »

Title	Adhesive bonded joints for fibrous composite structures
Series Title	International Symposium on Joining and Repair of Fibre-Reinforced Plastics, 1986, London, England Leonard J. Hart-Smith collection
Author	Hart-Smith, L. J.
Corporate Name	McDonnell Douglas Corporation. Douglas Aircraft Company Division
Publication Info	Long Beach : Douglas Aircraft Company Division McDonnell Douglas Corporation, 1986
Report Number	DAC-P-7740
Bibliography Note	p. 44-45.
Contents Note	Adhesive bonded joints for fibrous composite structures paper -- Douglas Paper Authorization/Clearance forms: DAC-P-7740
Conference Note	Paper was presented at the symposium held September 10-11, 1986.
Abstract	This report contains simplified methods for the analysis of cross-plyed fibrous composite laminates under combined loads, including in-plane shear as well as evaluation, but are in some respects more accurate than the more complicated formalized methods in use today. [Author]

Availability Find Similar Items Other Details [Permalink to this Record](#)

Online Resource Link(s):

- [View online: Adhesive Bonded Joints for Fibrous Composite Structures](#)
- [View online: Douglas Paper Authorization/Clearance forms: DAC-P-7740](#)

[View Online](#)
[More...](#)

Further advantage:

Each technical paper can be searched via multiple access points

Library & Learning Center Services
Home > Resources > GoldCare

Search GoldCare Resources in the the Library Catalog

Keywords Submit

Retrievs all GoldCare resources
Add a document to the library's GoldCare collection

GoldCare Share Point
To access the GoldCare Share Point, please contact the site administrator.

Share Point / Registries Journals E-Books Services Books Communication

Access to the following resources is provided for those registered via the 787 GoldCare group. Contact GoldCare via Share Point if you think you should have access to any of these resources that you do not.

- GoldCare Share Point Home
- GoldCare Personal Efficiency
- GoldCare AS FPID
- GoldCare IET
- ATA - Boeing Community of Interest
- GoldCare File Registry
- GoldCare OMS Process
- GoldCare Proposal Development
- 2008 GoldCare Corrective Action Planning
- GoldCare Server Access Request Form
- GoldCare Sharepoint/Server Matrix

Gateways - Group Knowledge

Library & Learning Center Services
Home > Search the Library Catalog

LIBRARY CATALOG - QUICK SEARCH

Keywords Search Complete Catalog

Other search options

- Advanced Search
- Boeing Document
- Journal Title
- Article Finder
- New books, reports, etc.
- Resources A-Z
- Author
- Title (exact)
- Author and Title
- Subject (exact)
- ID or Document Number
- Report Number
- Aircraft ID

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Library Catalog

Library & Learning Center Services
Home > Resources > Reference tools > Multigen resources

MULTIPLE GENERATIONS IN THE WORKFORCE

Search for Resources in the the Library Catalog

Keywords Submit

Search keywords, titles or authors within the Boeing library catalog

Selected Articles on Multigenerations in the Workforce
Compiled Q109, this document lists a number of articles concerning multigenerational interactions in the workplace.

Boeing Resources [Home](#) [Site](#) [LTO](#)

- Working Across Generations: A Tip Sheet
This tip sheet was developed to help employees work with a multi-generational workforce. These tips are based on extensive research by the Cultural Diversity and Intelligence team regarding the four generations: Traditionalists, Baby Boomers, Generations X, and Generations Y.
- Working Across Generations: A Tip Sheet
Diversity Insights include managers to use in staff meetings to discuss multi-generations.
- Cultural Diversity: A Tip Sheet
Intelligence
- Workplace Coaching: A Tip Sheet
Learning what it takes to engage Millennials will pay off for all
- What Makes the Generations Tick and What Ticks Them Off
Attracting, Growing and Retaining Top Talent and Loyal Customers in a Multi-Generational Marketplace.

Gateways - by Subject

ENGINEERING AND PROCESS CONTROL REQUIREMENTS FOR PHOSPHORIC ACID ANODIZING OF STRUCTURALLY BONDED FUSELAGE BODY SKINS

DOCUMENT NUMBER	RELEASE/REVISION	RELEASE/REVISION DATE
D6-81704	C	08-MAY-2000

CONTROLLER
BOEING COMPANY
AIR

THIS IS A REVISION DOCUMENT. CHANGES REQUIRE APPROVAL BY THE B-KC21 ORGANIZATION. REQUESTS FOR REVISIONS SHALL BE SUBMITTED IN WRITING TO THE B-KC21 ORGANIZATION.

Rev C D6-81704 1

Internal papers

Library & Learning Center Services
es > Reference tools > Experts

LECTIONS - EXPERTS

Related Information

- Need help from an expert? Check to see if Boeing has an expert in the area you are interested in. Boeing is compiling these bodies of work into expert collections or other special collections to the library.

Special Collections - Experts

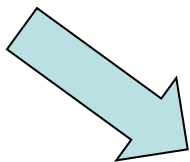
Search a collection in the the Library Catalog

Select a Collection: Keywords Submit

Search for keywords, titles or authors within a collection
Retrieve all documents in the selected collection
Add a document to your collection.

Special Collections - Experts

Leveraging Technical Expertise: Revealing and connecting Boeing authors with similar interests and similar projects across the enterprise



Library & Learning Center Services

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LIBRARY CATALOG - QUICK SEARCH

Keywords Search Complete Catalog

Other search options

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- [Boeing Document](#)
- [Journal Title](#)
- [Article Finder](#)
- [New books, reports, eResources A-Z](#)
- [Author \(exact\)](#)
- [Title \(exact\)](#)
- [Subject \(exact\)](#)
- [ID or Document Number](#)
- [Report Number](#)
- [Aircraft ID](#)

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Library Catalog

Library & Learning Center Services

Home > Resources > Reference tools > Experts ? Ask us! | My Account

SPECIAL COLLECTIONS - EXPERTS

About Special Collections
Many career engineers and scientists at The Boeing Company have created significant bodies of work in fields which when combined, shed light on their work or lessons learned. This information is made available in a definitive view into that subject area. Special Collections are discoverable for reuse across Boeing, the information contained in these bodies of work into searchable Special Collections.

Need help from an expert? Check locators at [Boeing Experts](#) to find an expert in your field.

Learn more about adding expert collections or other special collections to the library.

Search a collection in the the Library Catalog

Select a Collection: Keywords

Search for keywords, titles or authors within a collection.
[Retrieve all documents in the selected collection](#)
[Add a document to your collection.](#)

Special Collections - Experts



Library & Learning Center Services

Home > Resources > GoldCare

GOLDCARE

Search GoldCare Resources in the the Library Catalog

Keywords

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GoldCare Share Point Home
To access the GoldCare Share Point site, click on the GoldCare icon on the SharePoint.

Share Point / Register [Electronic Resources](#) [Communication](#)

Access to the following resources is administered via the GoldCare group. Contact GoldCare via Share Point if you think you should have access to areas that you do not.

- [GoldCare Share Point Home](#)
- [GoldCare OMS Process](#)
- [GoldCare Operations](#)
- [GoldCare Proposal Development](#)
- [GoldCare/Boeing.com](#)
- [2008 GoldCare Corrective Action Planning](#)
- [GoldCare Server Access Request Form](#)
- [ATA GoldCare Community of Interest](#)
- [GoldCare Sharepoint/Server Matrix](#)
- [GoldCare File Registry](#)

Gateways - Internal resources

