

Joint Technical Data Integration (JTDI)

JTDI 2.0.3.5 User's Guide

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Contact us at help@jtdisos.us

Revision History

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How to Use this Manual

You will be able to use this manual more effectively if you understand how the information is presented. The following sections explain the approach used for describing what you will see in the software and how you should perform various tasks.

Typographical Conventions

Descriptions of the software and tasks that you must perform are presented in the following way.

Procedures

Any time you are asked to perform a specific procedure, steps will be numbered and anything that you will have to select or type will be in bold text.

Pointer Operations

You may be required to use a mouse or other pointing device like a touchscreen keyboard, stylus, or touchpad to perform some tasks. In this manual, when instructed to click on an item, use the left-most button on your mouse or keypad. For a touchscreen or stylus, tap the item.

If you are instructed to double-click on an item, position the pointer to select the item, then click twice quickly on the left-most mouse or keypad button. For a stylus or touchscreen, tap the item twice quickly.

If you are instructed to right-click on an item, use the right-most button on your mouse or touchscreen. If your mouse or touchpad is set up as left-handed, then use the left-most button instead. For a stylus or touchscreen, tap the item but keep the stylus or your finger in contact with the screen.

If you are instructed to click and drag, click on the item and while keeping the mouse key depressed, move the mouse. For a touchpad, click on the item and while keeping the key depressed move a finger on the touchpad to move the selected object. For a stylus or touchscreen, tap the item and keep the stylus or your finger in contact with the screen as you move the selected item to a new location.

Some commands may require you to press a key on the keyboard and click simultaneously. This will be presented in bold as the keystroke followed by a hyphen and the word "click."

Example: **Alt-click** the Alerts tab.

Keystrokes

You may be required to type keyboard commands that require you to press two keys simultaneously. In this manual, this will be written as the first keystroke, followed by a hyphen and the second keystroke.

Example: If you are directed to press Alt-F, press the Alt key, and while holding it down, press the F key.

In unusual cases you may need to press three keys simultaneously. This will be written as the first keystroke, a hyphen, the second keystroke, another hyphen, and the third keystroke.

Example: If you are directed to type Ctrl-Alt-Delete, press the Ctrl key, and while holding it down press the Alt key and the Delete key.

Keys may be labeled in various ways on computer keyboards. In this manual, the following key equivalents are used.

| Keystroke | Equivalent |
|------------------|--------------------|
| Alt | Alt |
| Ctrl | Control, Ctl, Ctrl |
| Enter | Enter, Return, ↵ |
| Esc | Esc, Escape |
| Shift | Shift, ⇧ |
| Delete | Delete, Del |

Typed Commands

You may be required to type text as part of a procedure. In this manual, the text that you should type will be in bold, sans serif font.

Example: Type **all** in the MIME Type field.

Variables to be Supplied by the User

You may be required to type text as part of a procedure, and in some cases you will have to supply the text instead of having it specified in the manual. In these cases, the manual will enclose the information you must supply in square brackets in a bold, sans serif font.

Example: Type **[your password]** in the Password field.

File and Directory Names

Names of specific files and directories will be in italic.

Example: Navigate to the *d:\JTDI* directory.

Field Names

Names of fields on the screen where information may display or be changed will be in initial capital letters, even if they do not display that way on the screen. This is to help you understand when a field name begins and ends, in case it is not clear in the text.

Example: The Remove Unused Space from Database Files field is used to help improve performance.

Screen Text

This manual may contain examples of information presented at the command prompt in Windows or Unix systems. This information will be in Courier font.

Example: `c:\> cd \update`

Windows Nomenclature

Titles of windows, tabs, menus and menu selections, and button names will all be in initial capital letters.

Example: The JK Update window contains the Tree tab.

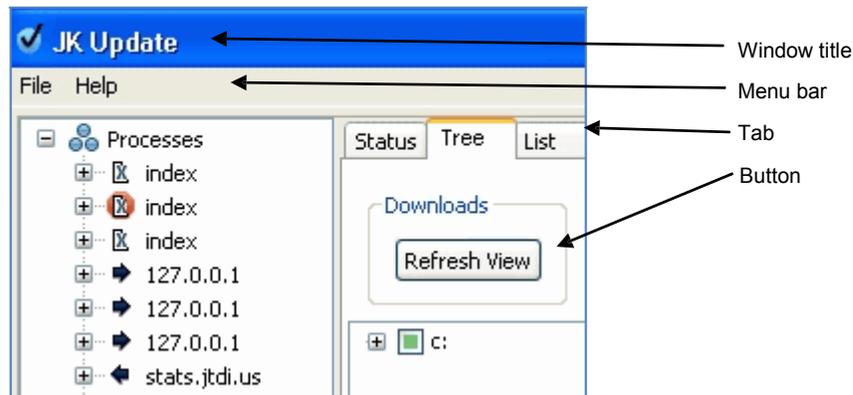


Figure 0-1. Sample Windows Screen

When selecting an action from the menu bar, each level of menu selection will be separated by a dash.

Example: Select **Help--About** from the menu bar.

Notes and Warnings

Helpful information and warnings about dangers to personnel or equipment are centered on the page in their own paragraphs.

1. A warning identifies a clear danger to the person doing that procedure.
2. A caution identifies risk of damage to equipment.
3. A note is used to point out important instructional data.

Example:

NOTE

If the hard drive is not partitioned the specified folder may be located on the C: drive.

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Chapter 1: Introduction

The purpose of this document is to provide the end user with an overview of the Joint Technical Data Integration (JTDI) program and an overview on using the JTDI 2.0.3.5 system. Methods of accessing the JTDI websites and the types of data available are also discussed.

1.1 Objective

The objective of this document is to provide guidance on how to access the JTDI 2.0.3.5 system with or without Internet access from a workstation computer or portable computer. In addition, users will discover the various data types available on the websites, how to search the data and how to request support from the help desk personnel.

1.2 Background

JTDI is a web based knowledge resource which provides weapon systems maintenance personnel with an easy, accessible tool for researching and obtaining technical data required to support their mission. Data includes:

- Technical Manuals
- Engineering Drawings
- Safety
- Training
- Supply Status
- Hazardous Material Handling
- Configuration Management
- Instructions
- Operations Maintenance
- Program-Wide General Information

The JTDI mission is to create an integrated technical data environment whereby digital technical data, training, and maintenance information is more readily available and accurate, as knowledge for weapon systems maintenance personnel by an intelligent, faster, and less expensive means.

The JTDI objectives are to permit rapid and seamless access to information whenever needed, wherever needed and for whomever, across all Department of Defense services.

1.3 JTDI 2.0.3.5 Overview

JTDI has not created a new information system, but has augmented an infrastructure of existing systems and data sources with existing and emerging technologies, and captured the ability to deliver this information to the warfighter on a worldwide basis to include our deployed forces.

Since conception, JTDI's focus has been to obtain access to digitized data that replaces the need for published paper documents at the worksite. This data included technical manuals, technical directives, technical drawings, field manuals, safety, and training material. These efforts have streamlined the capabilities of operational (O) and intermediate (I) level of maintainers of weapon systems.

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Chapter 2: Using JTDI 2.0.3.5

The JTDI 2.0.3.5 system is comprised of Weapon System websites and an Internet based software collaboration toolset, which allows for online distance support and real-time collaboration for maintenance personnel called Defense Connect Online (DCO).

There are three ways to access the Weapon System websites.

- Connect to the JTDI 2.0.3.5 Top Tier websites via the Internet
- Connect to the JTDI 2.0.3.5 Joint Knowledge Caching Server (Mid Tier) via the Local Area Network (no Internet access is required)
- Download and view locally stored data. This is the typical configuration for portable computer users.

DCO can be accessed through the JTDI 2.0.3.5 Top Tier websites.

2.1 Client Hardware and Basic Configuration

- Workstation (Desktop PC) – A workstation is typically a desktop computer. The workstation will access the weapons system websites utilizing a standard web browser and requires a standard web browser and Adobe Acrobat Reader to view most of the technical information. Other client software or browser plug-ins may be required and are available on the JTDI websites.
- Portable computer (Laptop or other Portable Electronic Display Device) – Portable computers includes laptops, PEDDs, PEMAs, E-Tools, logbooks, EMDs, ruggedized laptops, handhelds, and wearable computers. The portable computer typically has data downloaded from the Top Tier or Mid Tier and stored locally (on the hard drive). This allows maintenance personnel to have the necessary data available while disconnected from the network. As with all other systems, this technical data is viewable utilizing a standard web browser and requires Adobe Acrobat Reader. Other client software or browser plug-ins may be required and are available on the JTDI websites.

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Chapter 3: Accessing the JTDI 2.0.3.5 (Top Tier) Websites

Users may access the JTDI 2.0.3.5 Top Tier websites if the workstation or portable computer is connected to the Internet. The main JTDI 2.0.3.5 website contains links to the individual weapons system websites.

3.1 Prerequisites for Using the Top Tier Websites

There are technical and security requirements that are prerequisites for having access to the Top Tier websites.

3.1.1 Security Prerequisites

All users of the Top Tier websites must be granted access by each weapon system website user administrator. New users must submit a registration form which includes identifying information, the reason you are requesting access to the website, and the user's security office or government sponsor's information. You must be a U.S. Government civilian, U.S. military member, or contractor supporting DoD efforts to use JTDI and have a need to know. Due to the nature of the site containing sensitive but unclassified data (SBU), foreign nationals or non-U.S citizens will not be allowed access to the website.

3.1.2 Technical Prerequisites

Before accessing the Top Tier websites, your computer must meet the following technical requirements.

- You must use a browser that supports secure HTTP (https) protocol.
- Your computer must have the DoD certificates installed.
- Your computer must have a Common Access Card (CAC) reader attached or built-in. If you are using a CAC reader, you must also have the appropriate software loaded for it. All users of the JTDI system must identify themselves via CAC.

3.1.3 Obtaining DoD Certificates, CAC

Perform the following actions to obtain the required DoD certificates, a CAC.

3.1.3.1 DoD Certificates. When you navigate your browser to <https://www.jtdi.mil>, if the page displays properly, click on the **DoD Certificates** link to obtain more information about the DoD certificates.

If the page does not display properly when you navigate to the JTDI home page, perform the following actions.

1. Clear your browser's cached temporary Internet files by performing the following actions.
 - a. Verify that you are using Internet Explorer 6.0 or 7.0.
 - b. Open an Internet Explorer (IE) browser window.
 - c. From the menu bar, select **Tools/Internet Options**.
 - d. For IE 6.0 users, click **Delete Files** under Temporary Internet Files, then select **Delete all off-line content** in the next window. For IE 7.0 users, click **Delete**, then **Delete Files** under Browsing History.

- e. Select **OK** in both windows in IE 6.0. For IE 7.0 users, click **Yes, Close**, then **OK**.
 - f. Close all open IE browser windows.
 - g. Re-open the IE browser and try to access the JTDI website again.
2. Verify that you have the ActivClient 6.1.x software installed as well as a card reader.
 3. Insert your CAC in the CAC reader, then validate your DoD PKI certificate at <https://infosec.navy.mil/certtest/>. If your certificate does not validate or you have problems accessing the validation website, <https://infosec.navy.mil/certtest/>, then contact your help desk as it is a local issue.
 4. If your certificate validates when you go to <https://pki.jtdi.mil/>, what do you see? If the page loads normally, then you have the DoD certificates properly installed. If the page does not load, provide your results via email to the JTDI Help Desk at help@jtdisos.us for further assistance.

3.1.3.2 CAC. To obtain a common access card (CAC), you must fill out the appropriate paperwork to obtain DoD sponsorship from the applicable branch of service. Contact your facility security officer for more information on the procedures followed at your site.

3.2 Accessing the Top Tier Websites

Follow the steps below to access the JTDI 2.0.3.5 Top Tier websites.

1. Make sure the workstation or portable computer is connected to the Internet.
2. Launch a Web browser.
3. In the address or navigation bar, enter the address for the Top Tier home page, <https://www.jtdi.mil>.

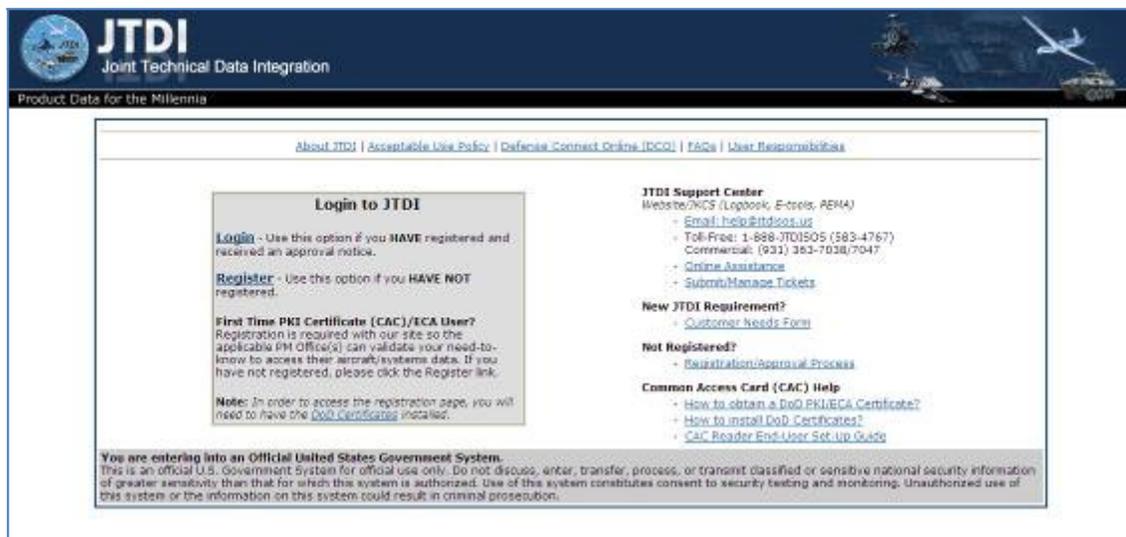


Figure 3-1. Top Tier Home Page

Figure 3-1 shows the login and registration screen for the JTDI 2.0.3.5 system. Users who are new to JTDI and have never had access to any weapon system website should select the Register link. Users who have already been approved for access should select the Login link.

The login and registration screen also displays important announcements about JTDI system events, such as planned maintenance or unexpected unavailability of JTDI resources. Important announcements always display at the top of the login and registration screen. Important notices may also display on individual weapon system websites.

3.3 Weapon System Website Registration

If you have never used any of the JTDI weapon system websites, you must register for access to each weapon system website you wish to access. Follow the steps below to register for access.

1. Insert your CAC into your CAC reader. If you have not already validated your CAC for this work session, you may be prompted to select a digital certificate. Select the appropriate certificate and click the OK button. You will then be prompted to enter your PIN. Enter your PIN and click the OK button.
2. From the JTDI home page, click on the **Register** link. The registration form displays.

JTDI
Joint Technical Data Integration
Product Data for the Millennium

Registration Form

First Time Registrants Only:
Fill in the appropriate registration information below to register for access. Click the Register button to submit your registration. Processing of your registration could take up to 30 days. You will be notified via the email address you supplied on your registration form, so please make sure your email address is correct.

Select One * Fields indicated in red are required

Active-Duty/M/NG Government Civilian
 Civilian/Contractor Direct Support Government Contractor

Name

Rank:
Title:
First:
MI:
Last:
 Sr. Jr./II III/Other

Organization

*Company Name:
*Unit Name: (Military Only)

Figure 3-2. JTDI Registration Form

3. Fill out the registration form as completely as possible. Fields labeled in red are required, and if they are left blank the form can not be submitted.
4. Scroll down to complete each area of the form. Fields marked as Military Only must be completed by military personnel, but may be left blank by civilians.

Organization

*Company Name

*Unit Name (Military Only)

*Company or Unit name must be entered
Unit name required if Active-Duty

Unit Identification Code (Military Only)

Address

City/Base/Post

State

Country

ZIP Code (USA Only)

**Email

**Re-enter Email

** .gov and .mil email addresses will be given priority.
Requests with free internet E-mail accounts (gmail.com, hotmail.com, yahoo.com, etc), WILL NOT be processed.
Please ensure your email address is correct.
All correspondence will be sent to this address.

**Phone (Comm)

Ext

**DSN

**Commercial or DSN phone must be entered

Are you a US Citizen? Yes No
If No, specify country of citizenship:

Do you represent a foreign government or country? Yes No
If Yes, specify the government/country represented:

Figure 3-3. JTDI Registration Form Organization Information

5. Scroll down to complete additional questions about your security office point of contact or government sponsor. Next, specify a reason for needing access to JTDI information on your selected weapon system websites. You may wish to leave this field empty until after you have selected a Service and you have seen the list of weapon systems associated with that service.

Security Office POC or Government Sponsor

Name

***Phone (Comm)

***DSN

Email

***Commercial or DSN phone must be entered

Specify Reason for Access - You must specify a reason for EACH area of access you are requesting below.

*** Requests should be made on a **NEED TO KNOW** basis only ***

To Request Access, first select the Service checkbox. A listing of all available systems for that Service will be displayed. Select the appropriate checkbox to make your request. If a system is not listed, it is not currently supported by JTDI. You may indicate your interest in adding a system by sending an email to the webmaster (webmaster@jtdi.mil).

Service:

Army

Navy/Marines

Air Force

Joint

Figure 3-4. JTDI Registration Form Sponsor and Access Information

6. Select one or more Services from the list. When you select a Service, a list of weapon system websites for that Service displays. Select the weapon system websites that you wish to access.

*** Requests should be made on a **NEED TO KNOW** basis only ***

To Request Access, first select the Service checkbox. A listing of all available systems for that Service will be displayed. Select the appropriate checkbox to make your request. If a system is not listed, it is not currently supported by JTDI. You may indicate your interest in adding a system by sending an email to the webmaster (webmaster@itdi.mil).

Service:

- Army
- Navy/Marines
- Air Force
- Joint

Navy/Marines:

- BAMS PMA-262
- CAS Services
- E-2 Hawkeye
- E-2 PMA-231
- EAF
- EAF ALRE
- EAF ARFF
- EAF Station Recovery
- Hercules
- KC-130 Harvest Hawk
- MPRA P-3
- MPRA P-8
- MPRA PMA-290
- NEL C-20
- NEL C-37
- NLL C-26
- NLL C-35
- PMA 207

Figure 3-5. JTDI Registration Form Weapon System Websites

7. Read the Acceptable Use Policy and select the checkbox to agree to the terms of use. After you select the checkbox, the Register Now button becomes available. Click the **Register Now** button to complete the process. A request for access will be sent to all selected weapon system websites' user administrator.

JTDI Acceptable Use Policy (AUP)

All authorized users of the system must adhere to rules of behavior specified in DoDI 8500.2, Information Assurance (IA) Implementation, February 6, 2003, as follows:

5.12. Authorized Users shall:

5.12.1. Hold a U.S. Government security clearance commensurate with the level of access granted.

5.12.2. Access only that data, control information, software, hardware, and firmware for which

I acknowledge and agree to the Terms of Use as described in the JTDI Acceptable Use Policy.

Figure 3-6. JTDI Registration Form Acceptable Use Policy

NOTE

Processing could take up to 10 days. You will be notified by the email address you provided on your registration form when you first registered for JTDI.

3.3.1 Duplicate Registrations

If you attempt to register for the JTDI website, but your CAC has already been registered, the following screen displays. If you are already a registered user of one or more weapon system websites and you would like to request access to additional websites, log in to the site and select the More JTDI Access link that displays in the upper right corner of your JTDI home page.



Figure 3-7. Duplicate Registration

3.4 Logging in to the Top Tier Websites

If you have previously been approved for access to one or more weapon system websites, perform the following actions to log in to the Top Tier websites.

1. If you are using a CAC to access the site, place your CAC in the reader.
2. From the JTDI home page, click the **Login** link.
3. If you are using a CAC, you may be prompted to select a digital certificate. Select the appropriate certificate and click the OK button. You will then be prompted to enter your PIN. Enter your PIN and click the OK button.

NOTE

Be careful when entering your PIN. If you enter it incorrectly three times in a row, your CAC will be deactivated. You will have to return to the issuing facility to have it reactivated.

Your JTDI home page displays. This portal is a launching point to the individual weapon system websites to which you have access. Those weapon system websites are displayed in tabs along the top of the screen.

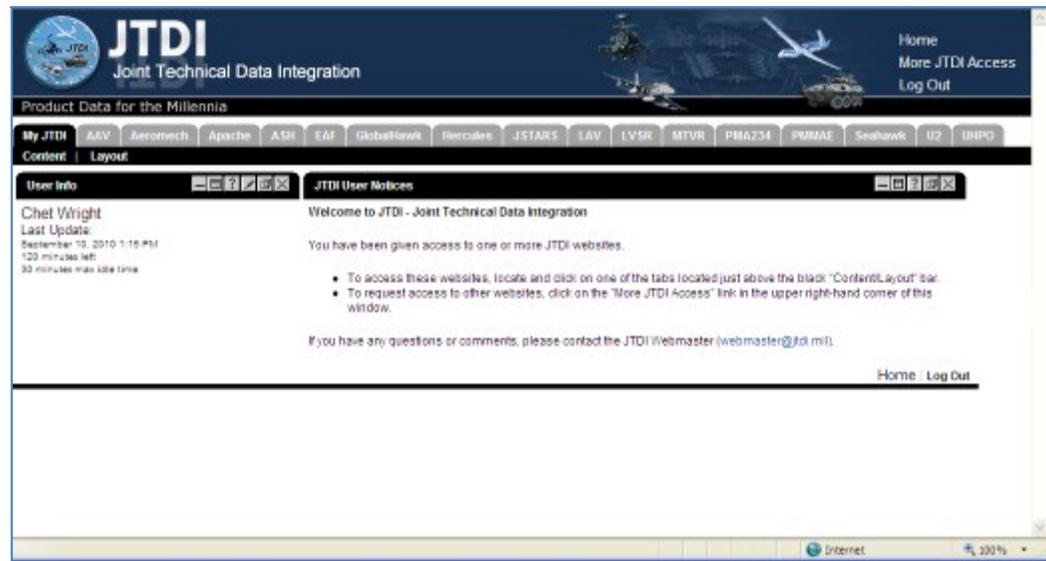


Figure 3-8. JTDI User's Home Page

4. Click on a weapon system tab to bring up the appropriate website. All weapon system websites have the same look and feel throughout the JTDI 2.0.3.5 system.

3.4.1 Updating or Certifying Registration Information

Users are required to provide updated registration information once a year. Beginning 335 days after your last update, you will receive a notice every time you log in to the JTDI website and access a weapon system website home page. You may select to update or certify your registration information at the time the notice displays by selecting the **Update Registration Info Now** link, or you may ignore the message by selecting the **Later** link and continue viewing the weapon system website. The notice will continue to display until you update or certify your registration information, with a countdown of the number of days remaining before you reach one year since your last update.

Once it has been over a year since your last update, instead of receiving a notice when you access a weapon system website home page, you will instead receive a warning message. As before, you may select to update or certify your registration information at the time the warning displays or you may ignore the warning and continue viewing the weapon system website. The warning message will continue to display until you update or certify your registration information. However, once a year has passed since your last update, an email message is sent to the weapon system website administrators for all weapon system websites to which you have access. Those weapon system website administrators may choose to invalidate your access to the sites, which will require you to re-register to regain access. Weapon system website administrators are provided a list weekly of all users who have not updated or certified their registration information in the past 365 days. In addition, you will not be able to request access to more JTDI weapon system tabs or sub-tabs until you update or certify your registration information.

NOTE

You may update or certify your personal information at any time by selecting the **Update Registration Info** link that displays in the Support channel (typically on the right side) of every weapon system website.

3.4.2 Invalid, Revoked, or Expired Certificate

In order to log in to the JTDI website, you must have a valid DoD PKI certificate, either from an external certificate authority or embedded in your CAC. If you attempt to log in to the JTDI website with a certificate that has expired or is invalid or revoked, a message displays with a description of the error and a list of help centers to contact if you have received the message in error.

3.5 Gaining Access to Additional Weapon System Websites

If you have been given access to one or more weapon system websites and find you have a need to access additional weapon system websites, it is not necessary to repeat the registration process. To request access to additional weapon system websites, perform the following actions.

1. Log in to the JTDI Top Tier website.
2. Click on the **More JTDI Access** link in the upper right corner of the screen.



Figure 3-9. More JTDI Access Link

3. The More JTDI Access form displays. Explain why you need additional access in the Specify Reason for Access text box.

JTDI
Joint Technical Data Integration

Product Data for the Millennium

More JTDI Access Form

Since you are already a registered user of JTDI, More JTDI Access may be requested by selecting from the areas below.

IMPORTANT Please Read: Do not check any areas where you already have access. If you need to merge accounts together, please email the [webmaster](mailto:webmaster@jtdi.mil). Be sure to indicate your current login information to be merged.

Specify Reason for Access - You must specify a reason for EACH area of access you are requesting below.

**** Requests should be made on a NEED TO KNOW basis only ****

To Request Access, first select the Service checkbox. A listing of all available systems for that Service will be displayed. Select the appropriate checkbox to make your request. If a system is not listed, it is not currently supported by JTDI. You may indicate your interest in adding a system by sending an email to the webmaster (webmaster@jtdi.mil).

Services:

- Army
- Navy/Marines
- Air Force
- Joint

JTDI Acceptable Use Policy (AUP)

All authorized users of the system must adhere to rules of behavior specified in DoDI 8000.2, Information Assurance (IA) Implementation, February 8, 2009, as follows:

5.12. Authorized Users shall:

5.12.1. Hold a U.S. Government security clearance commensurate with the level of access granted.

5.12.2. Access only that data, control information, software, hardware, and passwords for which

I acknowledge and agree to the terms of Use as described in the JTDI Acceptable Use Policy.

Figure 3-10. More JTDI Access Form

4. Select one or more Services from the list. When you select a Service, a list of weapon system websites for that Service displays. Select the weapon system websites that you wish to access.

*** Requests should be made on a **NEED TO KNOW** basis only ***

To Request Access, first select the Service checkbox. A listing of all available systems for that Service will be displayed. Select the appropriate checkbox to make your request. If a system is not listed, it is not currently supported by JTDI. You may indicate your interest in adding a system by sending an email to the webmaster (webmaster@itdi.mil).

Service:

- Army
- Navy/Marines
- Air Force
- Joint

Army:

- Aeromechanics
- AGSE
- Apache AH-64
- ASH ARH
- ASH OH-58A/C
- ASH OH-58D
- ASH TH-67
- ASH UH-1
- Chinook CH-47
- PM-MAE
- RMS - EETF
- SOAR - CBM
- SOAR - MH-47
- SOAR - MH-6
- SOAR - MH-60
- SOAR - PM
- SOAR - SIMO
- UHPO H-60
- UHPO LUH
- UHPO T-700

Figure 3-11. List of Websites After Selecting a Service

5. Read the Acceptable Use Policy and select the checkbox to agree to the terms of use. After you select the checkbox, the Register Now button becomes available. Click the **Register Now** button to complete the process. A request for access will be sent to the weapon system website's user administrator.

NOTE

Processing could take up to 10 days. You will be notified by the email address you provided on your registration form when you first registered for JTDI.

NOTE

Some weapon system websites are configured to be added automatically when a user is approved for access to a different weapon system website. For instance, when a user is approved for any Army aviation weapon system website, the user is automatically approved for the Aviation Ground Support Equipment weapon system website.

NOTE

If it has been over a year since you last updated or certified your registration information, you will not be able to request access to new weapon system websites until you update or certify your JTDI registration information.

3.6 Gaining Access to Additional Areas on a Weapon System Website

Though a weapon system website user administrator may grant access to a weapon system website, there may be links on the website that require additional permission before they may be viewed. If you click on one of these links, the following screen displays.



Figure 3-12. Access Denied Screen

To request access to the content, perform the following actions.

1. Click the **Support Center** link in the Support section.



Figure 3-13. Contact the Webmaster Link

2. The JTDI Support Center page displays. There are four options for contacting the JTDI Support Center. Select any of the four options and supply information as prompted to identify yourself and to explain which content you need to access and why.
3. The JTDI Support Center will contact the website's user administrator to resolve your access issue.

3.7 Unregistering from a Weapon System Website

If you no longer require access to a weapon system website, you may unregister from the site. When you unregister from a site, you will no longer see the tab for the weapon system website when you log in to the JTDI website.

To unregister from a weapon system website, perform the following actions.

1. Log in to the JTDI website, and select the tab for the weapon system website from which you will be unregistering.
2. Click the **Unregister from [weapon system website name]** link in the Support section.



Figure 3-14. Unregister Link

3. A confirmation screen displays. Select the **I wish to unregister from the [weapon system website name] weapon system** checkbox.

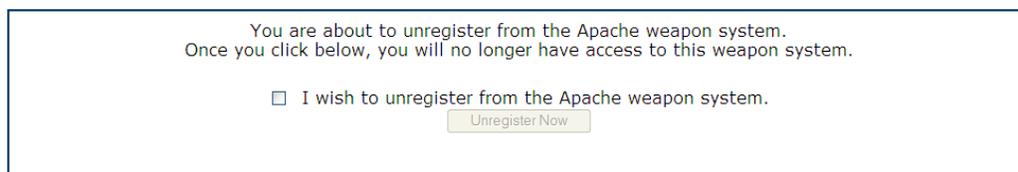


Figure 3-15. Confirmation Screen

4. The Unregister Now button becomes active when the checkbox is selected in the previous step. Click the **Unregister Now** button.
5. A confirmation message displays. Click the **Return to JTDI** link to return to your JTDI home page.

NOTE

If you unregister from the last weapon system website to which you have access, you will also be removed as a user of the JTDI website and will no longer be able to log in. You must re-register before being able to use the JTDI website.

This page is intentionally blank.

Chapter 4: Navigating the Top Tier Weapon System Website

4.1 JTDI User Home Page

When you log on to the JTDI website, your home page displays. Tabs display along the top of the screen for each weapon system website to which you have access. Links display in the upper right corner and lower right corner to navigate to your home page, to log out, and to request more JTDI access.



Figure 4-1. User Home Page

The More JTDI Access link is used to request access to additional weapon system websites. For more information about this link, refer to Gaining Access to Additional Weapon System Websites on page 22.

4.2 My JTDI Tab

When you log on to the JTDI website, the My JTDI tab is selected by default. The My JTDI tab allows you to configure its content and layout, so that you can build a customized view of information from one or more weapon system websites. This allows you to display your most important information on a single tab, using a layout that suits your individual preference.

4.2.1 Content Sub-tab

The Content sub-tab of the My JTDI tab allows you to define the content that displays on the My JTDI tab. By default, the User Info content displays, with information about the currently-logged in user, the current system date and time, the amount of time remaining in your session, and a reminder about the 30-minute maximum idle time. Also by default, the JTDI User Notices content displays important messages and instructions, such as how to access weapon system websites and how to request access to other websites.

4.2.1.1 Content Sub-tab Buttons. Content displayed in the Content sub-tab has a series of gray buttons which may be used to change the display on the My JTDI tab.

-  Minimize – The Minimize [content name] button causes only the header for the content to display.



Figure 4-2. Minimized Content

- ☐ Normalize – the Normalize [content name] button causes the header and the content to display. The Normalize button only displays if the content is currently maximized or minimized.



Figure 4-3. Normalized Content for User Info

- ☐ Maximize – the Maximize [content name] button causes the content to display across the width of the screen and suppresses display of any other content on the My JTDI tab.



Figure 4-4. Maximized Content

- ❓ Help – the Help [content name] button displays online help for the Sun Java System Portal Server Desktop. This is generic information about some of the underlying technology used on the JTDI website, and is not likely to be useful to JTDI users.
- ✎ Edit – The Edit User Info button allows you to change how your name displays in the User Info content. You may also set your local time zone. There is an option to select a language, but English is the only available selection. This button displays only on the User Info content header.



- ☐ Detach – the Detach [content name] button causes the content to display in a new window, and removes it from the My JTDI tab.
- ☐ Attach – if content has been detached so that it displays in a separate window, the Attach [content name] button causes the separate window to close and restores the content to the My JTDI tab.
- ☒ Remove – the Remove [content name] button removes the content from the My JTDI tab, for the current session and future sessions.

4.2.1.2 Adding and Removing Content from the My JTDI Tab. To add or remove content from the My JTDI tab, perform the following actions.

1. On the My JTDI tab, click the **Content** sub-tab.
2. A list of channels displays. A channel is a section of related website content, which might consist of a single page, such as a search page, or a set of links to multiple pages, such as support resources. To add a channel to your My JTDI tab, click the checkbox next to it. To remove a channel from your My JTDI tab, clear the checkbox next to it.



Figure 4-5. My JTDI Content Sub-tab

On the My JTDI tab, channels may display in either thin columns or wide columns. The list of available channels indicates the type of layout for the channel by labeling it with a “T” or a “W.”

3. Scroll to the bottom of the page and click the **Finished** button to save your changes. To discard your changes, click the **Cancel** button.

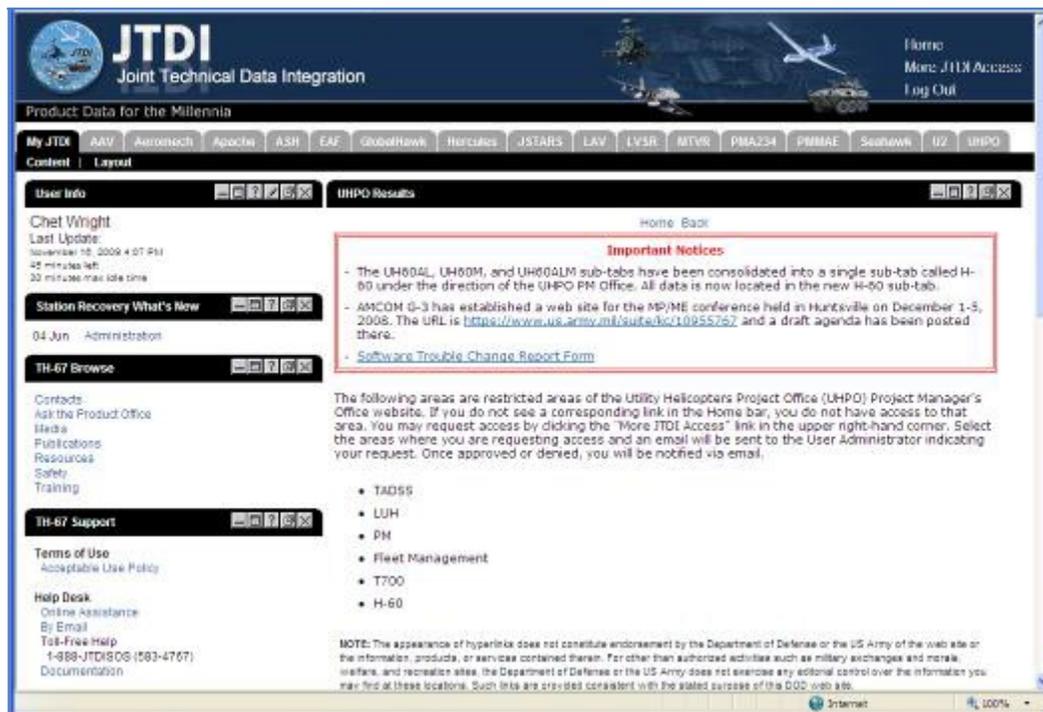


Figure 4-6. My JTDI Tab After Modifications

4.2.2 Layout Sub-tab

The Layout sub-tab on the My JTDI tab allows you to arrange the content on the My JTDI tab. The following layout choices are available.

- Thin column on the left, wide column on the right (default choice)
- Wide column on the left, thin column on the right
- Three columns, with a thin column on the left and right, and a wide column in the center

To change the page layout of the My JTDI tab, perform the following actions.

1. On the My JTDI tab, click the **Layout** sub-tab.
2. Select a page layout by clicking one of the radio buttons next to Thin-Wide, Wide-Thin, or Thin-Wide-Thin.

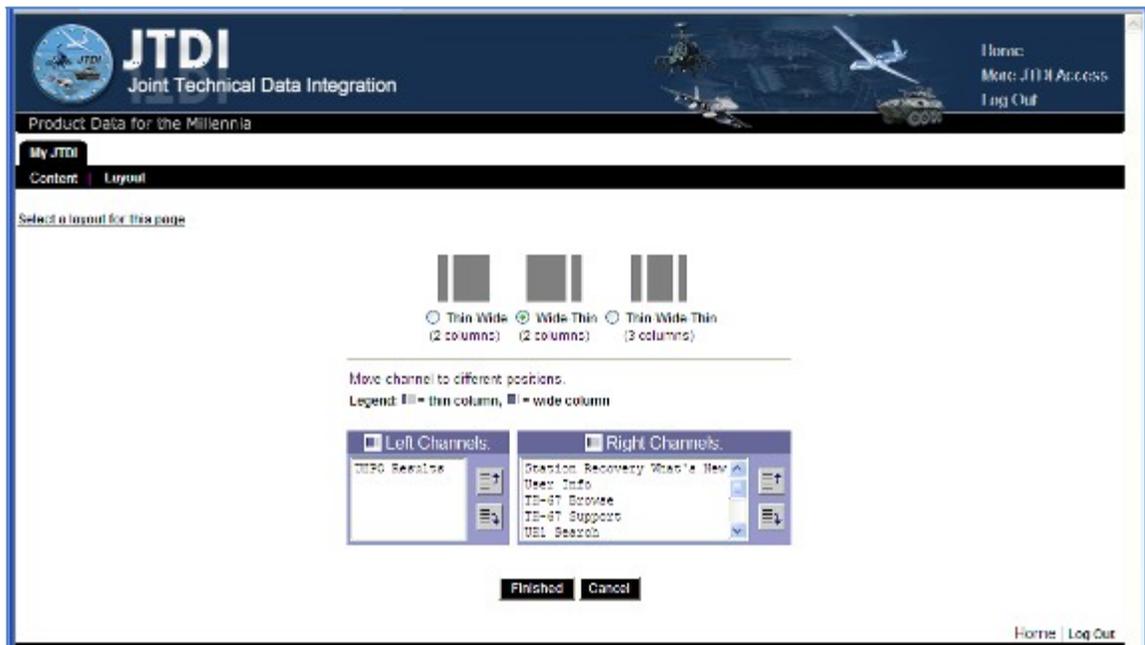


Figure 4-7. Layout Sub-tab

3. You may also arrange the order in which content displays in a column. In figure 4-7, a wide-thin column arrangement is being used. Only one channel, UHPO results, uses a wide column, but there are several channels that use a thin column. To rearrange the order of those channels, click on a channel, then click on either the Move Up or Move Down button. In the figure below, the TH-67 Browse channel has been moved to the top of the column.

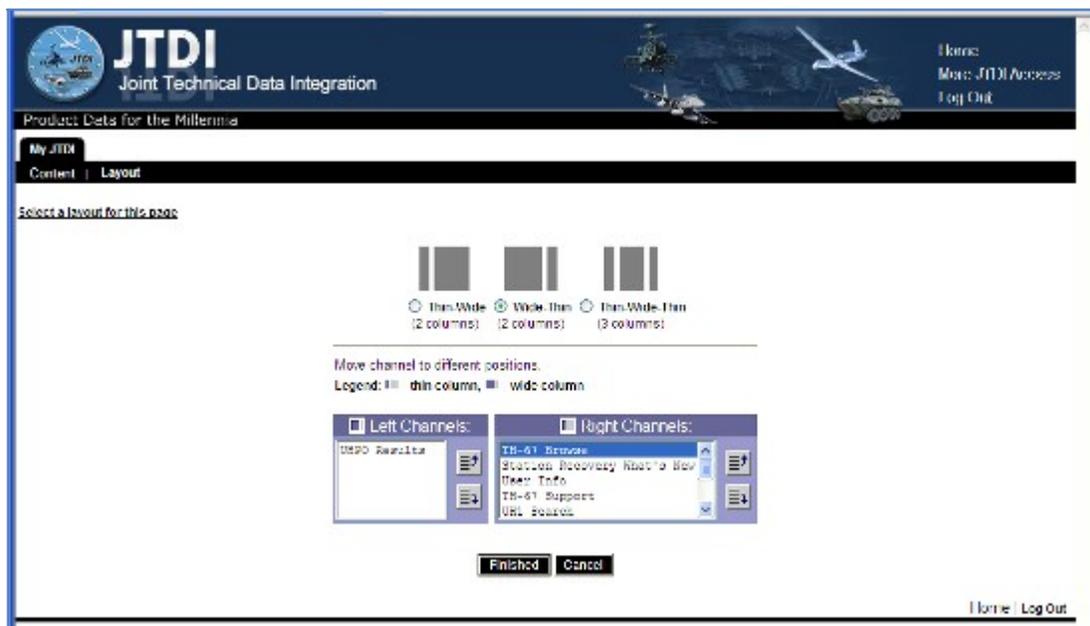


Figure 4-8. Channel Moved Up on Layout Sub-tab

4. If you are using a thin-wide-thin column arrangement, you also have the option of moving channels from one thin column to the other. To move an item from one thin column to the other, click on the item, then click either the Move to Right Thin Column button or the Move to Left Thin Column button.

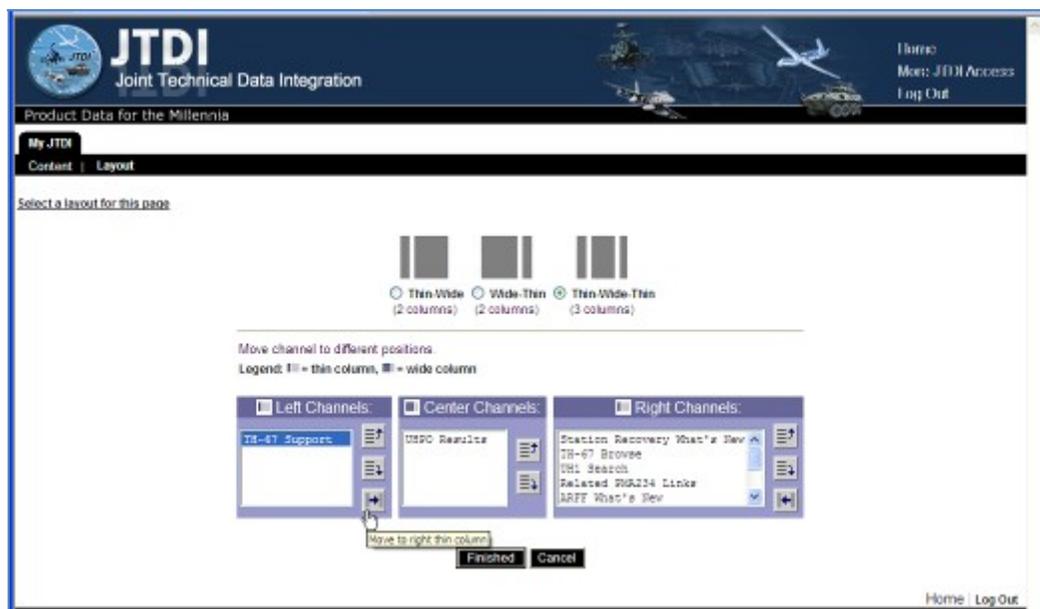


Figure 4-9. Moving Content Between Thin Columns

5. To save your layout changes, click the **Finished** button. To discard your changes, click the **Cancel** button.

4.3 Weapon System Website Sub-tabs

Some weapon system websites are available as sub-tabs from your JTDI home page. Related weapon systems may be grouped together under a tab since there may be significant overlap in their user communities.

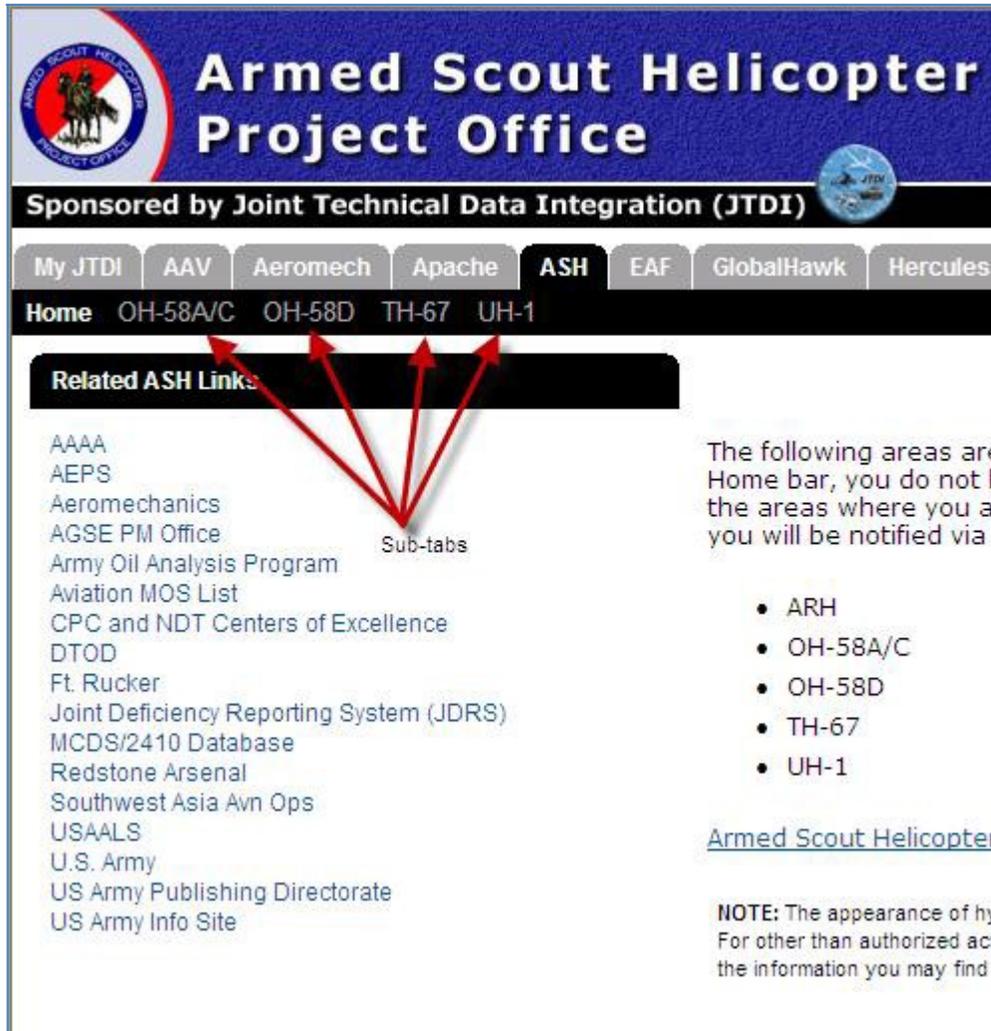


Figure 4-10. Weapon System Website Sub-tabs

In figure 4-10, the Armed Scout Helicopter Project Office supports four different weapon system websites. Each of these websites requires separate permission and must be registered for separately on the JTDI registration form. For example, if you request and are given permission to access the UH-1 website, when you log in you will see the ASH tab on your My JTDI page. When you click the ASH tab, you will see only the UH-1 sub-tab listed.

To view a weapon system website that is listed on a sub-tab, click on the sub-tab.

4.4 Website Sections

Weapon system websites vary in content and organization, but there are some elements that are common to most sites. Figure 4-11 shows a typical JTDI 2.0.3.5 weapon system home page. All weapon system websites use a three-column thin-wide-thin layout. This website is broken down into twelve sections: Search, Browse, and Related Links in the left column; Reference, Media, Training (not pictured), Supply Status (not pictured), Safety/TDs/Messages, Engineering, and Resources in the center column; and Support and What's New in the right column. The following is a brief description of each section available from the Top Tier website.

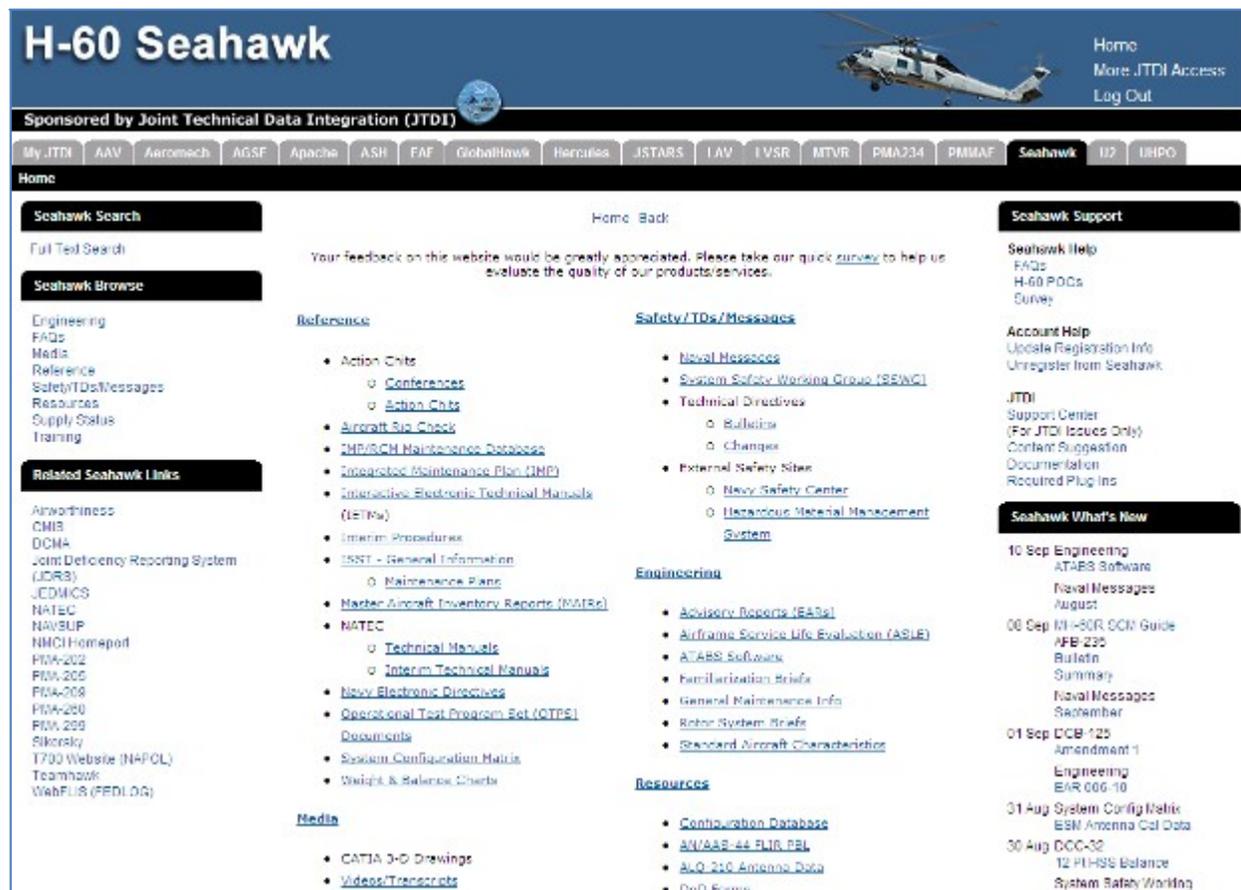


Figure 4-11. Typical Weapon System Website

4.4.1 Search

The Search capability provides the end user the ability to perform keyword and phrase searches and to browse through all files available on the weapon system website. The JTDI 2.0.3.5 Top Tier server hosts the most complete, updated, authoritative data set available for download. Due to the sheer quantity of files available, the search capability allows the end user a mechanism to locate needed information quickly. One of the advantages of the JTDI 2.0.3.5 technical data system is the ability to display multiple data types, and making them accessible using the Joint Knowledge Caching Server (JKCS) application.

The Top Tier search engine is a powerful and flexible tool which can be used to narrow or broaden search results.

4.4.1.1 Keyword Searching. The simplest type of search is a keyword search. To search for documents on the website by keyword, perform the following actions.

1. Click the **Full Text Search** link in the left column. The search screen displays in the center column.



Figure 4-12. Search Screen

2. Enter the word or words you wish to search in the Find box and click the **Search** button. If you wish to clear the words you typed without performing the search, click the **Reset** button.
3. The search results display.

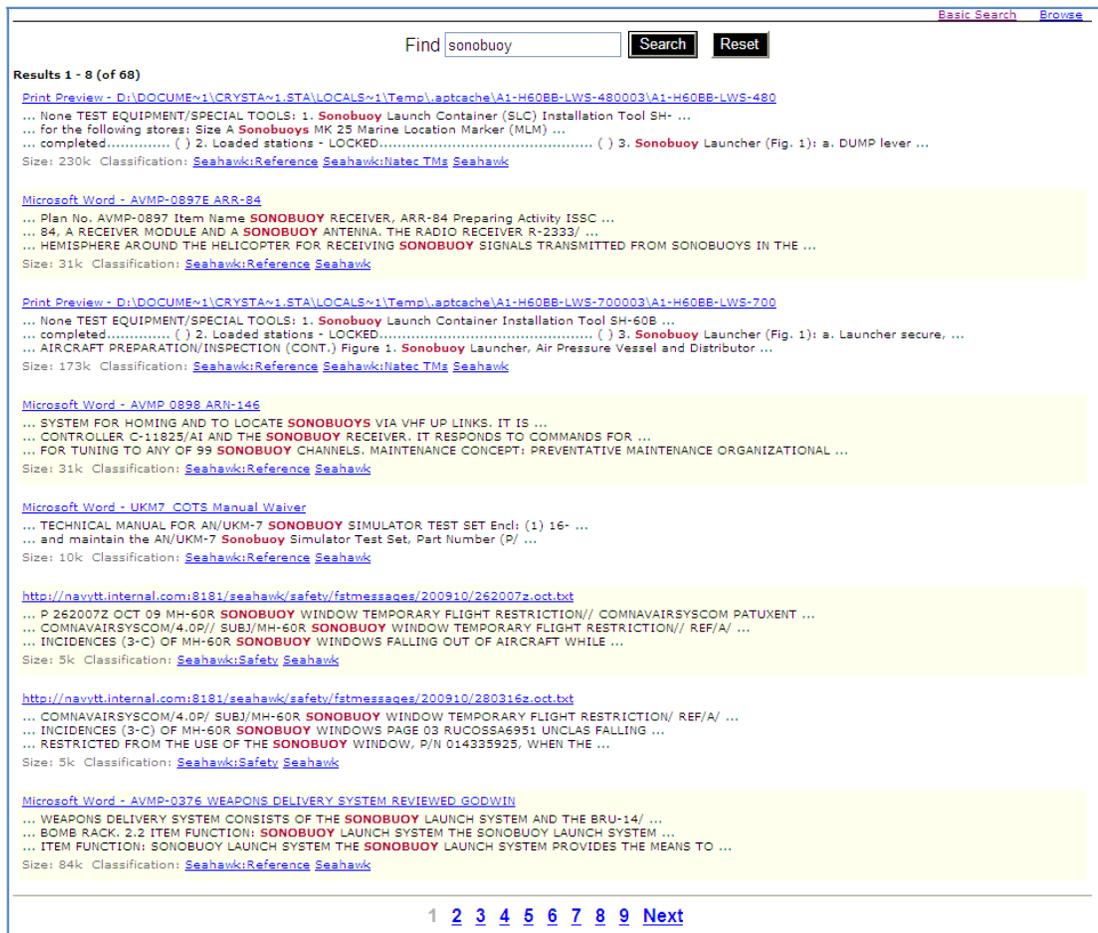


Figure 4-13. Search Results

The term or terms you searched on are displayed in red in the search results list. The first line of the search results screen shows the total number of hits for your search (68 in the example in figure 4-13).

4. To view a file, click on its link in the search results list. Your document will open in a new window. To return to the search results screen, simply close the new window or use the Alt-Tab key to cycle back to the search results screen. To view additional hits, click on a number or the **Next** link at the bottom of the screen.

4.4.1.2 Natural Language Processing. The Top Tier search engine uses natural language processing to expand your search automatically. When a keyword search is performed, each word searched on is examined and then searched in the following ways.

- Exactly as typed
- In its “stem” form followed by “s,” “es,” “ing,” “d” (if it ends in “e”), “ed,” “ly,” “er,” and “ing”
- If the word as typed ends with any of the above letter combinations, the word is searched as if those letters are not present, and is also searched as if any of those letter combinations are present

Example: If the word “order” is entered as a search term, the Top Tier search engine will retrieve documents that contain the words “order,” “orders,” “ordering,” “ordered,” “orderly,” “orderer,” “ordering,” and “ord” (as in Ft. Ord).

Capitalization is ignored in searching.

To search a word exactly as typed, without performing any natural language processing, enclose the word in quotation marks.

Example: To find documents that contain only the word “order,” and not documents with “ordering” or other forms, enter the search term as follows.

Find

4.4.1.3 Phrase Searching. Multiple words or phrases may be entered as search terms. When more than one word is entered, each matching record must contain all of the search terms, though not necessarily in the order that they were entered, and not adjacent to each other. Unless the word is enclosed in quotation marks, natural language processing is applied to every word in the phrase.

To search for a phrase that must appear exactly as typed, with the search terms in the same order as typed, enclose the entire phrase in quotation marks.

Example: To search for records containing the term “air logistics,” enter the search term as follows.

Find

Searches may also be broadened or narrowed by using Boolean operators between search words. Boolean operators are the words “and,” “or,” and “not.”

When “and” is used in a phrase search, all the words in the phrase must be present in the record, in any order. Adding more words to a phrase search narrows the search results.

Example: The following search will find records with the words “air” and “logistics” (and variations based on natural language processing) somewhere in the record.

Find

By default, “and” is assumed to be between all words in a phrase search, so a search on “air and logistics” and “air logistics” will get the same results.

When “or” is used in a phrase search, any of the words in the phrase must be present in the record. Adding “or” to a search broadens the search results.

Example: The following search will find records with either the words (and variations based on natural language processing) “air” or “logistics” somewhere in the record.

Find

When “not” is used in a phrase search, the first term is searched, but if any hits also contain the second term, they are disqualified and do not display. Adding “not” to a search narrows the search results.

Example: The following search will find records with the word “air” (and variations based on natural language processing), but will not include any records which also contain the word “logistics.” In this case, variations on the word “logistics” are not being excluded because the search term is enclosed in quotation marks.

Find

If you need to literally search a Boolean operator, so that search engine treats it as a search word, enclose it in quotation marks.

Example: To search on the words “stabilizer,” “not,” and “threaded” (and variations based on natural language processing), enter your search as follows.

Find

For complex phrase searches, search terms may be nested in parentheses so that Boolean operators can be applied to only some search terms.

Example: To search for records containing the words “stabilizer” or “rotor” (and variations based on natural language processing), but to exclude records containing the phrase “mk 50,” enter your search as follows.

Find

4.4.1.4 Browsing. In the upper right corner of the search screen, there are two links: Basic Search and Browse. The Basic Search link simply causes the search screen to redisplay, with the Find box empty. It may be used as a way to begin a new search from the search results page.

The Browse link brings up a list of subcategories under which all content on the weapon system website is organized.

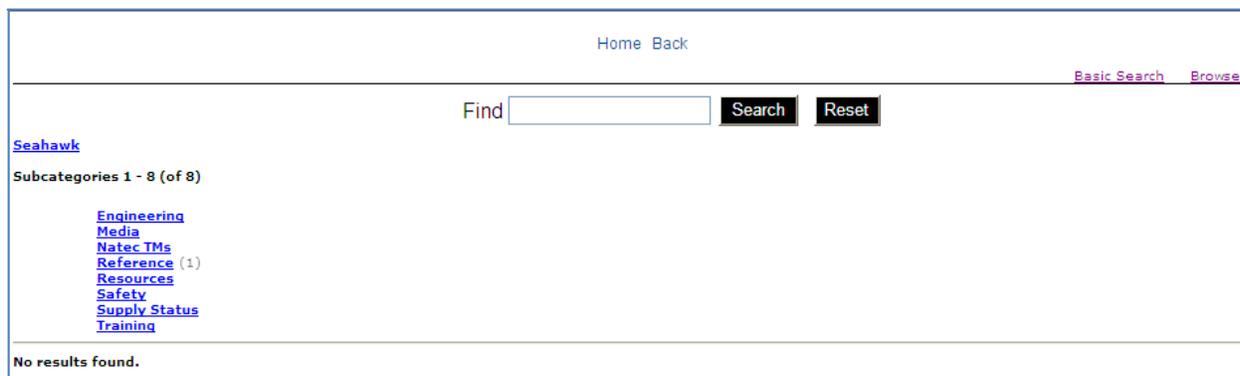


Figure 4-14. Browse Link Under Full Text Search

If a subcategory is divided into smaller categories, a number in parentheses displays next to it. The Reference subcategory in figure 4-14 is an example of a subcategory that has smaller categories.

To browse through all documents accessible through the website, click on a subcategory. A list of documents in the category displays. To view a document, click on its link in the browse results list. To view additional documents in that category, click on a number or the **Next** link at the bottom of the screen.

4.4.2 Browse

The left column on most weapon system websites contains a Browse channel. This channel allows the user to browse through pages containing related content, such as documents and training presentations available on the website, or links to related resources. Often these pages repeat information that is displayed in the center column, but there may also be links in the Browse channel to content not found elsewhere on the site.

The Browse channel is similar to performing a browse under the Full Text Search link, but the browse channel can contain links to external web pages. The browse feature in full text searching is built from an index of resources available on the site, such as PDF, Word, PPT, and IETMs.

4.4.3 Related Links

The left column on most weapon system websites contains a Related Links channel. This channel contains a list of links to external websites that may be of interest. These external websites may have additional access restrictions, and are subjected to the same security checks that are required of a user connecting directly to the site. Click on a link to navigate to the related site. When you click a link to an external site that is not regulated by U.S. Government security standards (sites that do not have .mil or .gov top level domains), a warning pop-up page displays to inform you that you are leaving the JTDI website. After you click the OK button the external site opens in a new browser window.

4.4.4 Center Column Website Sections

The center column contains most of the unique content for the weapon system website. Each website has its own arrangement of content, but there are certain sections that are used on most weapon system websites.

4.4.4.1 Important Notices. Weapon system websites may include important notices at the top of the center column. These notices may concern availability of JTDI resources, planned maintenance activities, important updates to website content, or anything else of significance to the website's users.

4.4.4.2 Reference. By using the cursor to select the Reference link, the user will access the Reference page. This page contains information on publications, Technical Manuals, Technical Directives, IRACs, ERACs, Fed Log data and other reference material. The user can navigate through entire manuals online, access IETMs and technical resource documents.

4.4.4.3 Media. The media page provides access to videos, virtual tours, engineering drawings, and images. Videos are streamed using RealPlayer video, Adobe Flash Player, the QuickTime viewer, and other plugins and technology. The Media pages typically have links to sources for the required media players and plug-ins.

4.4.4.4 Training Data. The weapon system websites' Training page provides access to on-line training related to the weapon platform. Training material varies in format, including but not limited to text documents, PowerPoint presentations, videos, computer-based training, or links to other sites or databases. On occasion, a user might click on a specific item that requires additional software to be loaded before it can be viewed. A screen will display that will guide the user through the steps necessary to add any plug-ins or additional software needed to view the requested data.

4.4.4.5 Supply Status. The Supply Status section provides access to resources such as the DoD E-Mall and Navy Inventory Control Point (NAVICP).

4.4.4.6 Safety/TDs/Messages. The Safety/TDs/Messages page contains Technical Directives, such as bulletins and changes, airworthiness releases, safety messages, ISST messages, and the ability to access external safety sites, such as the Navy Safety Center. If the user selects an external site, a new browser window opens to the site, where the maintainer may select from the links displayed on the resulting page.

4.4.4.7 Engineering. The Engineering site contains data related to engineering advisory reports, general maintenance information, system briefs and aircraft characteristics reports. There are also links to external sites that allow the user to view reports or databases such as status reports and flight data information.

4.4.4.8 Resources. The Resources page contains various pieces of information useful to the weapons system community. If you have a suggestion of other information that would help you perform your duties, you can send that suggestion to the Webmaster using the Content Suggestion hyperlink in the Support channel in the right column.

4.4.5 Support

The right column on all weapon system websites contains the Support channel. The Support page provides access to information necessary to utilize the weapon system website to its fullest capacity.

The Support channel includes the website's acceptable use policy; a Help Desk section that includes contact information for JTDI support and a link to documentation for JTDI and JKCS; and a Website Help section that usually has links for contacting the weapon site webmaster, making a content suggestion, a link for changing your registration information (such as email address, physical address, and phone number), and a list of required plug-ins for the site. Some weapon system websites may also contain a link for submitting trouble reports, a list of points of contact (POCs), and a page of frequently asked questions (FAQs).

For more information about obtaining JTDI help desk support, refer to JTDI Support on page 63.

4.4.6 What's New

The What's New section displays in the right column on weapon system websites. It lists new content added to the site, with the date added and links to the new content.

4.5 Interactive Electronic Training Manuals (IETMs)

Interactive Electronic Training Manuals (IETMs) are often available on weapon system websites. IETMs are typically linked to from the Reference or Training center column website sections.

IETM content is provided by a cluster of Citrix servers that are part of the Top Tier. As a security measure, when a user accesses an IETM, a Citrix client will start in a new window that may require the user to re-enter the PIN for his common access card or to select a certificate. Software and hardware setups for CAC readers vary, so in some cases users may not be prompted to enter verification data again when accessing an IETM. In some cases the Citrix client will not start automatically, and a new window will display requiring another link to be clicked to start the application.

If you are using a pop-up blocker on your web browser, you must set an exception to allow pop-ups from www.jtdi.mil so that you can view this window and take any necessary action. To configure this exception in Internet Explorer, perform the following actions.

1. In Internet Explorer, select **Tools—Pop-up Blocker—Pop-up Blocker Settings** from the menu bar.
2. In the Pop-up Blocker Settings window, enter the following text in the **Address of Website to Allow** field.
*.jtdi.mil
3. Click the **Add** button. The address will be added to the list of allowed sites.
4. Click the Close button.

If you are unable to make changes to the Pop-up Blocker, please contact your local help desk for assistance.

4.6 Exiting the JTDI Website

To log out from the JTDI website, click the Log Out button in the top right corner of every page.

4.6.1 Inactivity Timeout

Once you have logged in the the JTDI website, if your session is inactive for over 30 minutes, you will be logged out automatically.

4.6.2 Session Timeout

Once you have logged in to the JTDI website, your session will remain active for 120 minutes. Even if there is enough activity to avoid an inactivity timeout, you will be logged out automatically after your session is longer than 120 minutes. You may manually log out at any time and log in again to reset the session timeout counter back to 120 minutes.

Chapter 5: Accessing and Navigating the Mid Tier Weapon System Website

5.1 Accessing the JTDI 2.0.3.5 (Mid Tier) Websites

The procedure for accessing the Mid Tier weapon system website is slightly different than those of the Top Tier weapon system website. Typically for Army, Air Force, and Marines sites, there will be a shortcut icon on the desktop that is linked directly to the weapon system website.



Figure 5-1. Typical Shortcut Icon

Additionally, the data set available on the Mid Tier Weapon System is typically tailored to the location where the Mid Tier JKCS resides.

The address for the JTDI 2.0.3.5 local website can be entered two ways.

- `http://{servername}`
- `http://{IPAddress}`

NOTE

Not all workstations will have the icon. Contact your system administrator for server access information.

Navy sites do not cache weapon system websites on the Mid Tier. Instead, access to technical information for Navy sites is accomplished through the JK Search application. Navy users may have a link on their desktops to JK Search on their local Mid Tier.



Figure 5-2. JK Search Shortcut

5.2 Website Layout

For Army, Air Force, and Marines sites, select one of the weapon system platforms on the Mid Tier weapon system home page, and then you can access specific data under any one of the links located on this page. Although the look may be a little different from the corresponding page on the Top Tier, these views and links are consistent throughout the weapon system websites on the Mid Tier, providing a “same look and feel” approach, no matter which platform is being queried.

JTDI
Joint Technical Data Integration - Supporting Army Aviation

JTDI | AEROMECH | APACHE | BLACK HAWK | CHINOOK | **SCOUT-ATTACK**

You are here: OH-58D

Browse OH-58

- Contacts
- Publications
- Readiness
- Safety
- Training

Contacts

- [Kiowa Warrior Product Office Personnel Listing](#)
- [AMCOM Logistic Assistance Representatives](#)
- [Aviation Engineering Directorate \(AED\)](#)
- [Bell Helicopters Contractor Field Service Representative](#)
- [Rolls-Royce/Allison Contractor Field Service Representatives](#)
- [DRS Contractor Field Service Representatives](#)
- [Modification Work Orders \(MWO\)/OLR Contacts](#)
- [Honeywell DAS](#)
- [Howell Instruments](#)
- [Field Unit Listings](#)
- [Ft. Rucker Kiowa Warrior TCM](#)
- [Webmaster E-mail](#)

Publications

- [Kiowa Warrior Newsletters](#)
- [Technical Resources](#)
- [Aircraft Source Data](#)
- [PS Magazine](#)
- [CDS Aircraft Information](#)

Readiness

- [Memorandums for Record](#)
- [Reports](#)

Safety

- [AED Airworthiness Releases \(AWR\)](#)
 - [CDS2](#)
 - [CDS4](#)
- [AMCOM Aviation Safety Messages](#)
 - [Aviation Maintenance Action Messages \(AMAMs\)](#)
 - [Aviation Safety Action Messages \(ASAMs\)](#)
 - [Maintenance Information Message \(MIMs\)](#)
 - [FY 2007 and Subsequent](#)
 - [FY 2006 and Previous](#)
 - [Safety of Flight Messages \(SOFs\)](#)
- [Other Safety Messages](#)

Training

- [APX-118](#)
- [Application User Guides / Documents](#)
- [Phase IIB CDS4-JVMF Training](#)
- [SWB 1 CDS4-JVMF Training](#)
- [Engine Barrier Filter \(EBF\)](#)
- [Hellfire Missile On-line Help File](#)
- [Manufacturer R3 Engine Class](#)
 - [CY 2009 - Model 250 Training Program](#)
 - [CY 2010 - Model 250 Training Program](#)
- [OH-58D Multimedia Training System](#)
- [250-C30R/3 FADEC System Training Material](#)

Support

[JTDI Acceptable Use Policy](#)
[Last Update](#)
[Help From the WWW](#)
 An online form used to send information to Helpdesk Personnel.
[Help by Email](#)
 Describes information required by the Helpdesk to provide email support.
[Toll-Free Help](#)
 Speak directly with Helpdesk personnel.

What's New

19 Nov
[TM 1-6665-278-13](#)

18 Nov
[H-58-10-AMAM-02](#)
[H-58-10-AMAM-03](#)

13 Nov
[TB 1-1520-248-20-77](#)
[TM 1-4920-477-13&P](#)
[TM 1-1680-377-13&P-2](#)
[TM 1-1680-377-13&P-7](#)
[TM 1-1680-377-13&P-8](#)

10 Nov
[H-58-10-ASAM-02](#)

26 Oct
[SQU Max Grip NT gloves](#)

22 Oct
[TM 11-5810-410-13&P](#)

21 Oct
[H-58-MIM-10-001](#)

[TM 5-6350-297-12&P](#)

20 Oct
[APX-118 Training Material](#)

You are entering into an Official United States Government System.
 This is an official U.S. Government System for official use only. Do not discuss, enter, transfer, process, or transmit classified or sensitive national security information of greater sensitivity than that for which this system is authorized. Use of this system constitutes consent to security testing and monitoring. Unauthorized use of this system or the information on this system could result in criminal prosecution.

Figure 5-3. Army Mid Tier Weapon System Website

Since Mid Tier servers may not have access to the Internet, content available on Mid Tier weapon system websites does not include external links. Mid Tier websites contain links only to documents stored on the Mid Tier Server. Since there is no access to external websites, Citrix applications, and Defense Connect Online, links to those sites are not included.

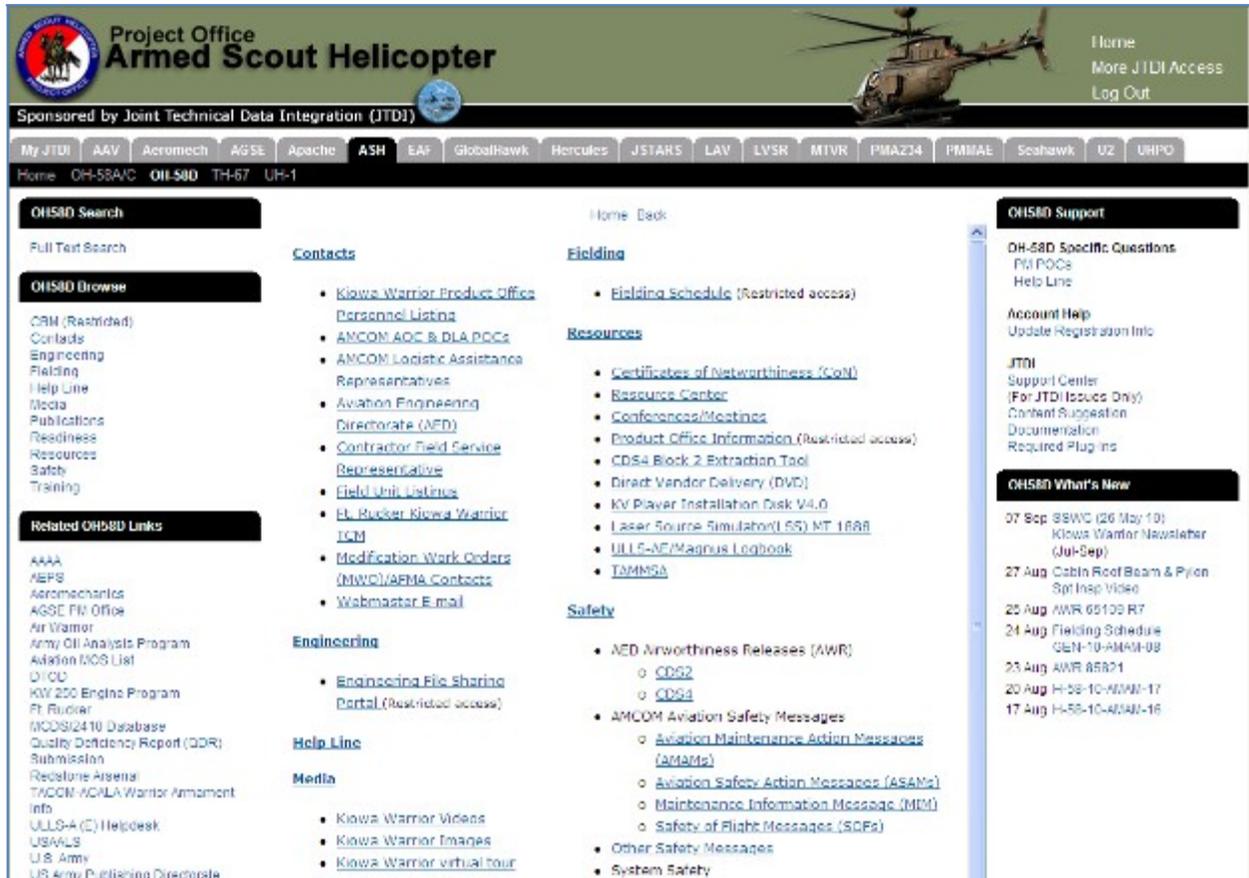


Figure 5-4. Same Weapon System Website on Top Tier

5.3 JK Search

The JK Search capability, found on Navy Mid Tier servers, provides the end user the ability to perform different types of searches on documents stored on the Mid Tier server. The JTDI 2.0.3.5 Mid Tier server hosts a subset of the latest updated, authoritative data set available for download over the LAN.

NOTE

You must be a registered user of the Naval Air Technical Data and Engineering Service Center (NATEC) website before you will be able to view search results in JK Search.

For information on registering for the NATEC website, refer to <https://mynatec/navair.navy.mil>.

To search technical data stored on the local Mid Tier server, perform the following actions.

1. Click the **JK Search** link. The JK Search Start page displays. The server name or IP address and the version, build number, and date of its JKCS software displays in the third paragraph on the left.
2. At the top of the JK Search Start page, click the **Search** link.



Figure 5-5. JK Search Start Link

3. The JK Search Search page displays.



Figure 5-6. JK Search Search Page

The following information and search fields display on the Search page. Each of the search types is further explained in a later section.

5.3.1 Banner

This paragraph just below the “Search” bar briefly describes how to enter a search, but more important, when the last successful online update occurred. This is helpful in knowing that the data you are viewing is the most recent available from the JKCS. The background color of the text box varies: white if the last update was within the past 24 hours; yellow if the last update was within 24-48 hours; and red if the last update was over 48 hours from the current server time.

NOTE

If you are on a workstation connected to the LAN and this date is not current, please notify your Central Technical Publications Librarian (CTPL).

5.3.2 What's New

Click this link to show all documents that were updated on the authoritative source (such as NATEC) in the last 30 days, sorted in descending order of age.

5.3.3 Publication Number

This is a search field to search by publication number, or partial number.

5.3.4 Publication Title

This is a search field to search by publication title or a portion of title.

5.3.5 Model/Series. This is a search field to limit your search to a specific model or series of a weapon system. As initially implemented, the dropdown list for this field may be empty.

5.3.6 Database

Your search can be narrowed by choosing a specific database from the pulldown list. If you are accessing JK Search from a Mid Tier server page that has tabs for different weapon systems, the Database field will have the corresponding database filled in for the tab that was selected. This has the effect of automatically restricting searches to resources available on the selected tab. This is an optional search field, and some sites may have configured JK Search not to display it.

5.3.7 Size between _ and _ MB.

This search field allows you to limit your search to files in a specified size range. Enter a number in each field to return only files between a minimum and maximum size, inclusive of the values entered. If only one field has data entered into it, this search option is ignored.

5.3.8 Issue Date between _ and _.

This search field may be used to limit your search to documents that were revised in a specified range of dates. Enter a date in the format MM/DD/YY in each field to return only files that were revised in a given time range, inclusive of the dates entered. If the first field has a date entered in it and the second field is left blank, this is interpreted as "for all dates equal to or later than" the date entered in the first field. If the first field is left blank and the second field has a date entered in it, this is interpreted as "for all dates prior to or equal to" the date entered in the second field.

5.3.9 Web Rev Date between _ and _.

This search field may be used to limit your search to documents that were updated on the authoritative source (NATEC, for example) in a specified range of dates. Enter a date in the format MM/DD/YY in each field to return only files that were updated in a given time range, inclusive of the dates entered. If the first field has a date entered in it and the second field is left blank, this is interpreted as "for all dates equal to or later than" the date entered in the first field. If the first field is left blank and the second field has a date entered in it, this is interpreted as "for all dates prior to or equal to" the date entered in the second field.

5.3.10 New in the last _ days

Your search can be limited to most recent count by days. It will also include locally added documents, which are omitted from the “What’s New” search.

5.3.11 Data Sources

Your search can be limited to query specific data sources, or all available sources. The checkboxes in the “Data Sources” section can be used to limit the types of documents or databases that are searched. Use the Select All and/or Deselect All links to quickly check or deselect all the boxes, or manually select or deselect individual boxes to narrow the search.

NOTE

Model/Series and Database are optional search fields. Some sites may have configured JK Search not to display one or both of them.

5.3.12 Viewing the Results Page

A successful search returns one or more pages of search results.

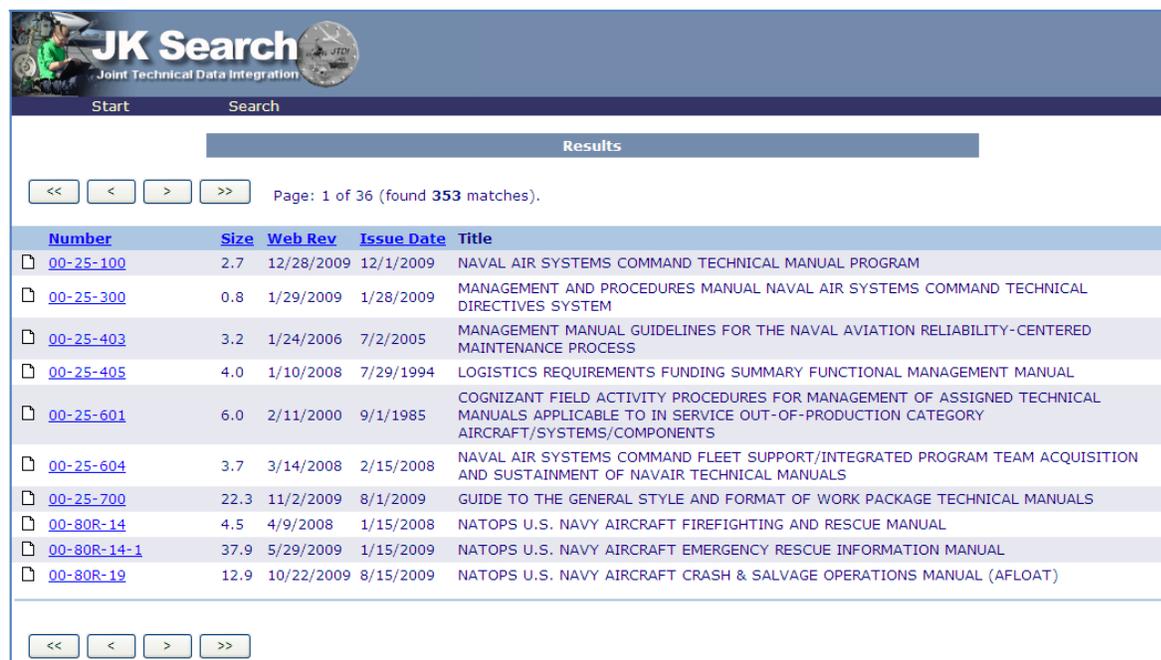


Figure 5-7. Search Results

The VCR buttons at the top and bottom of each results page allow for paging forward and backward through the results.

- To view the first page of search results, click this button. 
- To view the previous page of search results, click this button. 
- To view the next page of search results, click this button. 
- To view the last page of search results, click this button. 

NOTE

If there is only one page of results, the displayed results page will not change when the arrow keys are clicked.

The current results page number, the number of pages of results, and the number of matches can be seen just to the right of the top VCR buttons (see the circled area below).

The screenshot shows the JK Search interface with a search bar and navigation buttons. The results section displays a table of search results. The text 'Page: 1 of 36 (found 353 matches)' is circled in red.

| Number | Size | Web Rev | Issue Date | Title |
|--|------|------------|------------|--|
| <input type="checkbox"/> 00-25-100 | 2.7 | 12/28/2009 | 12/1/2009 | NAVAL AIR SYSTEMS COMMAND TECHNICAL MANUAL PROGRAM |
| <input type="checkbox"/> 00-25-300 | 0.8 | 1/29/2009 | 1/28/2009 | MANAGEMENT AND PROCEDURES MANUAL NAVAL AIR SYSTEMS COMMAND TECHNICAL DIRECTIVES SYSTEM |
| <input type="checkbox"/> 00-25-403 | 3.2 | 1/24/2006 | 7/2/2005 | MANAGEMENT MANUAL GUIDELINES FOR THE NAVAL AVIATION RELIABILITY-CENTERED MAINTENANCE PROCESS |
| <input type="checkbox"/> 00-25-405 | 4.0 | 1/10/2008 | 7/29/1994 | LOGISTICS REQUIREMENTS FUNDING SUMMARY FUNCTIONAL MANAGEMENT MANUAL |
| <input type="checkbox"/> 00-25-601 | 6.0 | 2/11/2000 | 9/1/1985 | COGNIZANT FIELD ACTIVITY PROCEDURES FOR MANAGEMENT OF ASSIGNED TECHNICAL MANUALS APPLICABLE TO IN SERVICE OUT-OF-PRODUCTION CATEGORY AIRCRAFT/SYSTEMS/COMPONENTS |
| <input type="checkbox"/> 00-25-604 | 3.7 | 3/14/2008 | 2/15/2008 | NAVAL AIR SYSTEMS COMMAND FLEET SUPPORT/INTEGRATED PROGRAM TEAM ACQUISITION AND SUSTAINMENT OF NAVAIR TECHNICAL MANUALS |
| <input type="checkbox"/> 00-25-700 | 22.3 | 11/2/2009 | 8/1/2009 | GUIDE TO THE GENERAL STYLE AND FORMAT OF WORK PACKAGE TECHNICAL MANUALS |
| <input type="checkbox"/> 00-80R-14 | 4.5 | 4/9/2008 | 1/15/2008 | NATOPS U.S. NAVY AIRCRAFT FIREFIGHTING AND RESCUE MANUAL |
| <input type="checkbox"/> 00-80R-14-1 | 37.9 | 5/29/2009 | 1/15/2009 | NATOPS U.S. NAVY AIRCRAFT EMERGENCY RESCUE INFORMATION MANUAL |
| <input type="checkbox"/> 00-80R-19 | 12.9 | 10/22/2009 | 8/15/2009 | NATOPS U.S. NAVY AIRCRAFT CRASH & SALVAGE OPERATIONS MANUAL (AFLOAT) |

Figure 5-8. Search Results Match Count

5.3.12.1 Results Page Details. Icons along the left side of each results page indicate how recently each document was installed on the server (see the circled area below).

| Number | Size | Web Rev | Issue Date | Title |
|----------------------------------|------|------------|------------|---|
| AG-000RO-MRC-000 | 0.0 | 11/30/2010 | 11/1/2010 | PREOPERATIONAL CHECKLIST ARMAMENT WEAPONS SUPPORT EQUIPMENT GENERAL ADAPTERS |
| A1-H46AE-SRM-000 | 28.5 | 11/30/2010 | 8/1/2010 | STRUCTURAL REPAIR NAVY MODEL HH-46D/UH-46D/CH-46D/CH-46E HELICOPTERS |
| 19-15BA-48 | 6.9 | 11/30/2010 | 7/31/2009 | OPERATION AND INTERMEDIATE MAINTENANCE INSTRUCTION WITH ILLUSTRATED PARTS BREAKDOWN AIR LAUNCHED WEAPONS LOADERA/S32K-1E PART NO. 3772AS100-1 |
| A1-C2IMP-MRC-250 | 5.4 | 11/29/2010 | 11/1/2008 | SPECIAL- PRESERVATION - CONDITIONAL MAINTENANCE REQUIREMENTS CARDS MODEL C-2A (REPROCURED) AIRCRAFT |
| 03-5CDF-1 | 0.1 | 11/29/2010 | 10/1/2010 | INTERMEDIATE MAINTENANCE WITHILLUSTRATED PARTS BREAKDOWN WINDSHIELD WIPER UNITSPART NUMBERS XW21008-,1-,11, XW21008-,2-,12 (ALCO CONTROLS CORP) |
| A1-H46AE-760-000 | 6.3 | 11/22/2010 | 7/1/2009 | ORGANIZATIONAL AND INTERMEDIATE MAINTENANCE WITH ILLUSTRATED PARTS BREAKDOWN ELECTRONIC COUNTERMEASURES SYSTEMS AN/ALE-39 COUNTERMEASURES DISPENSING SYSTEMAN/APR-39(V)1 RADAR WARNING SYSTEM AN/ALQ-157(V)1 INFRARED COUNTERMEASURES SET AN/AAR-47 MISSILE WAR |
| 01-E2AAA-4-4 | 28.1 | 11/17/2010 | 7/1/2010 | ORGANIZATIONAL MAINTENANCE ILLUSTRATED PARTS BREAKDOWNNAVY MODEL E-2C AIRCRAFT |
| 01-E2AAA-4-3 | 42.1 | 11/17/2010 | 7/1/2010 | ORGANIZATIONAL MAINTENANCE ILLUSTRATED PARTS BREAKDOWN NAVY MODEL E-2C AIRCRAFT |
| 01-E2AAA-4-1 | 3.0 | 11/17/2010 | 7/1/2010 | ORGANIZATIONAL MAINTENANCE ILLUSTRATED PARTS BREAKDOWN NAVY MODEL E-2C AIRCRAFT |
| 13-1-6.7-3 | 6.9 | 11/16/2010 | 9/1/2010 | AVIATION-CREW SYSTEMS AIRCREW PERSONAL PROTECTIVE EQUIPMENT (HELMETS AND MASKS) |

Figure 5-9. Search Results Icons

The following icons are used.

- A “NEW” icon means the most recent JK Update run installed the document.
- A reload icon means the document has been on the server less than seven days.
- A plain document icon means the document has been on the server more than seven days.

Hovering the mouse pointer over a document icon will reveal the installation date and time in a pop-up comment window. If you hover the mouse pointer over a column heading, a pop-up window displays the full title of the column.

The Number column contains a clickable link to the document itself.

The number in the Size column is the size of the document in megabytes. Documents smaller than 50KB will display with a size of 0.0.

The date in the Web Rev column is the date that the document was last updated on the authoritative source, such as NATEC.

The date in the Issue Date column is the official revision date of the document and will match the date on the document itself.

5.3.12.2 Results Page Sorting. By default, search results are sorted by document number in ascending order. Search results may be sorted by clicking the Number, Size, Issue Date, or Web Rev columns. The first time you click a column header, the sort is in ascending order. Click the column heading again to change the sorting to descending order. Numbers sort before letters, and document numbers are sorted decimally digit by digit (for instance, 119 would sort ahead of 26).

5.3.13 Performing a What's New Search

To view a list of all documents added in the past 30 days, click the **What's New** link. The documents display sorted in descending order of age, based on when they were last updated on the authoritative source (such as NATEC).

5.3.14 Searching by Document Number

To search for a document by its document number, perform the following actions.

1. Enter part or all of a known document number (such as a TM number) in the Document Number search field and click the **Search** button. A list of matching documents displays.
2. Click the browser's **Back** button (or click the **Search** link near the top of the page) to return to the Search page.
3. If the "No matching documents found" message displays, try entering different search text.

5.3.15 Searching by Document Title

To search for a document by its title, perform the following actions.

1. Enter part or all of a known document title in the Document Title search field and click the **Search** button. A list of matching documents displays.
2. Click the browser's **Back** button (or click the **Search** link near the top of the page) to return to the Search page.
3. If the "No matching documents found" message displays, try entering different search text.

5.3.16 Searching by Model/Series

To search for a document by its model or series, perform the following actions.

1. Click the **down-arrow** next to the Model/Series field to display the dropdown list.
2. Click one of the choices in the list to select it.
3. Click the **Search** button to see a list of matching documents.
4. Click the browser's **Back** button (or click the **Search** link near the top of the page) to return to the Search page.
5. If the "No matching documents found" message displays, try selecting a different choice.

This is an optional search field, and some sites may have configured JK Search not to display it.

5.3.17 Searching by Database

To limit search results to include only documents that are included in a specific database (such as a local database), perform the following actions.

1. Click the **down-arrow** next to the Database field to display the dropdown list.
2. Click one of the choices in the list to select it.
3. Click the **Search** button to see a list of matching documents.
4. Click the browser's **Back** button (or click the **Search** link near the top of the page) to return to the Search page.
5. If the "No matching documents found" message displays, try entering different search text.

This is an optional search field, and some sites may have configured JK Search not to display it.

5.3.18 Searching by File Size

To limit search results to include only files of a specific size, perform the following actions.

1. Type a number for the minimum size of the files (in MB) to search for into the first field of the Size Between _ and _ field.
2. Type a number for the maximum size of the files (in MB) to search for into the second field of the Size Between _ and _ field.
3. Click the **Search** button to see a list of matching documents.
4. Click the browser's Back button (or click the **Search** link near the top of the page) to return to the Search page.
5. If the "No matching documents found" message displays, try entering a broader range of file sizes.

5.3.19 Searching by Document Revision Date

To limit search results to include only documents that were revised in a specific date range, perform the following actions.

1. Type a date in the format MM/DD/YY for the beginning of the date range into the first field of the Issue Date Between _ and _ field.
2. Type a date in the format MM/DD/YY for the end of the date range into the second field of the Issue Date Between _ and _ field.

If the first field has a date entered in it and the second field is left blank, this is interpreted as "for all dates equal to or later than" the date entered in the first field. If the first field is left blank and the second field has a date entered in it, this is interpreted as "for all dates prior to or equal to" the date entered in the second field.

3. Click the **Search** button to see a list of matching documents.
4. Click the browser's Back button (or click the **Search** link near the top of the page) to return to the Search page.
5. If the "No matching documents found" message displays, try entering a broader range of document revision dates.

5.3.20 Searching by Web Revision Date

To limit search results to include only documents that were updated on the authoritative source during a specific date range, perform the following actions.

1. Type a date in the format MM/DD/YY for the beginning of the date range into the first field of the Web Rev Date Between _ and _ field.
2. Type a date in the format MM/DD/YY for the end of the date range into the second field of the Web Rev Date Between _ and _ field.

If the first field has a date entered in it and the second field is left blank, this is interpreted as "for all dates equal to or later than" the date entered in the first field. If the first field is left blank and the second field has a date entered in it, this is interpreted as "for all dates prior to or equal to" the date entered in the second field.

3. Click the **Search** button to see a list of matching documents.
4. Click the browser's Back button (or click the **Search** link near the top of the page) to return to the Search page.

5. If the “No matching documents found” message displays, try entering a broader range of document revision dates.

5.3.21 Searching for New Items in the Last _ Days

The New in the Last _ Days field can be used to search documents based on when they were added to the authoritative source. For example, typing “90” into the field would list documents that were added or updated on the authoritative source (such as NATEC) in the last 90 days. It will also include locally added documents, which are omitted from the What’s New search described below. To search for a document by when it was added up updated, perform the following actions.

1. Type a number into the New in the Last _ Days search field.
2. Click the **Search** button to see a list of matching documents..
3. Click the browser’s **Back** button (or click the **Search** link near the top of the page) to return to the Search page.
4. If the “No matching documents found” message displays, try entering different search text.

5.3.22 Searching by Data Source

The checkboxes in the Data Sources section of the Search page can be used to limit the types of documents that are searched. The default is to perform the search against all document types, but you can limit searches to any combination of technical manuals (TM), technical directives (TD), or technical directive bulletins (TDB).

There may be multiple rows of data sources, and the data sources may also include local data providers (such as local squadrons or other local organizational units). If there are local data sources available, they are listed on a separate row or rows under the list of document types. Local data sources are listed alphabetically. To narrow a search for a document by its data source, perform the following actions.

1. Use the **Select All** and/or **Deselect All** links to quickly select or deselect all the boxes, or manually select or deselect individual boxes to narrow the search.
2. Click the **Search** button to see a list of matching documents.
3. Click the browser’s **Back** button (or click the **Search** link near the top of the page) to return to the Search page.

5.3.23 Viewing a Document in Adobe Acrobat Reader

Many retrieved records will be in the Adobe Acrobat Reader (.pdf) format. To view an item in Acrobat Reader, perform the following actions.

1. Click on a document number on a results page to view the manual. If the document is a PDF file it is displayed in the browser using Adobe Acrobat Reader. Buttons and controls are displayed above, to the side, and below the document for navigation. The exact layout varies slightly depending on the version of Acrobat Reader, but the illustration below shows some of the common controls. If you hover your mouse pointer over a button, an explanation of its purpose displays.

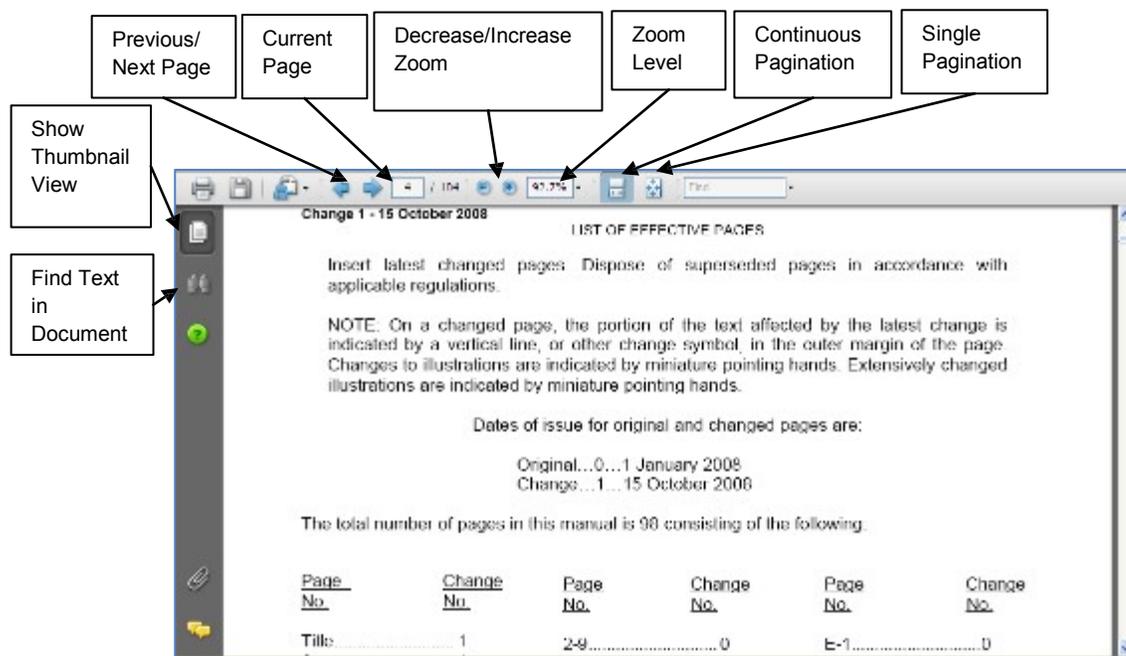


Figure 5-10. Adobe Acrobat Reader

2. Click the browser's **Back** button to return to the results page.

5.4 Website Sections

Each Army, Air Force, and Marines website has its own arrangement of content, but there are certain sections that are used on most weapon system websites.

5.4.1 Reference

The Reference page contains information on publications, Technical Manuals, Technical Directives, IRACs, ERACs, Fed Log data and other reference material. The user can navigate through entire manuals online and access IETMs and technical resource documents.

5.4.2 Training

The Training page provides access to on-line training related to the weapon platform. This links you to the next screen where you are able to select from a variety of Microsoft PowerPoint briefings and training material. On occasion, a user might click on a specific item that requires additional software to be loaded before it can be viewed. A screen will display that will guide the user through the steps necessary to add any plug-ins or additional software needed to view the requested data.

5.4.3 Safety/TDs/Messages

The Safety/TDs/Messages page contains Technical Directives, such as bulletins and changes, airworthiness releases, safety messages, ISST messages, and the ability to access external safety sites, such as the Navy Safety Center. If the user selects an external site, a new browser window opens to the site, where the maintainer may select from the links displayed on the resulting page.

5.4.4 Engineering

The Engineering site contains data related to engineering advisory reports, general maintenance information, system briefs and aircraft characteristics reports. There are also links to external sites that allow the user to view reports or databases such as status reports and flight data information.

5.4.5 Support

The Support page provides access to information necessary to utilize the weapon system website to its fullest capacity.

For more information about obtaining JTDI help desk support, refer to JTDI Support on page 63.

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Chapter 6: Ways to Access Locally Stored Files

Weapon system maintainers may not always have network access to the Top Tier or Mid Tier server. On these occasions, it is helpful to have the ability to access technical data at the job site or weapon system location.

A portable computer is required to download and store technical data. These units may also be called notebook computers, E-Tools, logbooks, EMDs (Electronic Maintenance Devices) or PEMAs (Portable Electronic Maintenance Aids). Portable hand-held devices, such as a Portable Electronic Display Device (PEDD), may also store local data.

This chapter will explain the method of accessing locally stored data on portable computers.

NOTE

Refer to your system administrator or the technical publication librarian for management of the portable computers in respect to maintaining locally stored data.

6.1 Navigating the Cached Weapon System Website

The portable computer will need to be connected to the LAN in order to download technical data from the Top Tier or Mid Tier websites. When connected, the portable computer will access and download a specific data set and store it locally on the hard drive. Once the data set requirements are determined, and downloaded to the portable computer, it can be disconnected and then used by the maintainer.

The procedures for accessing the weapon system local web pages are slightly different from those of the Top Tier/Mid Tier weapon system websites. Typically, there will be an icon on the desktop that is linked directly to the cached weapon system home page. Refer to figure 6-1 for examples of these shortcuts.



Figure 6-1. Typical Icons for Cached Weapon System Home Pages

Click the shortcut to display the cached weapon system home page. The data set available on the portable computer is typically tailored to the work center or shop where the maintenance device will be used. That home page may include multiple tabs for weapon system websites if the maintainer has access to more than one weapon system website.

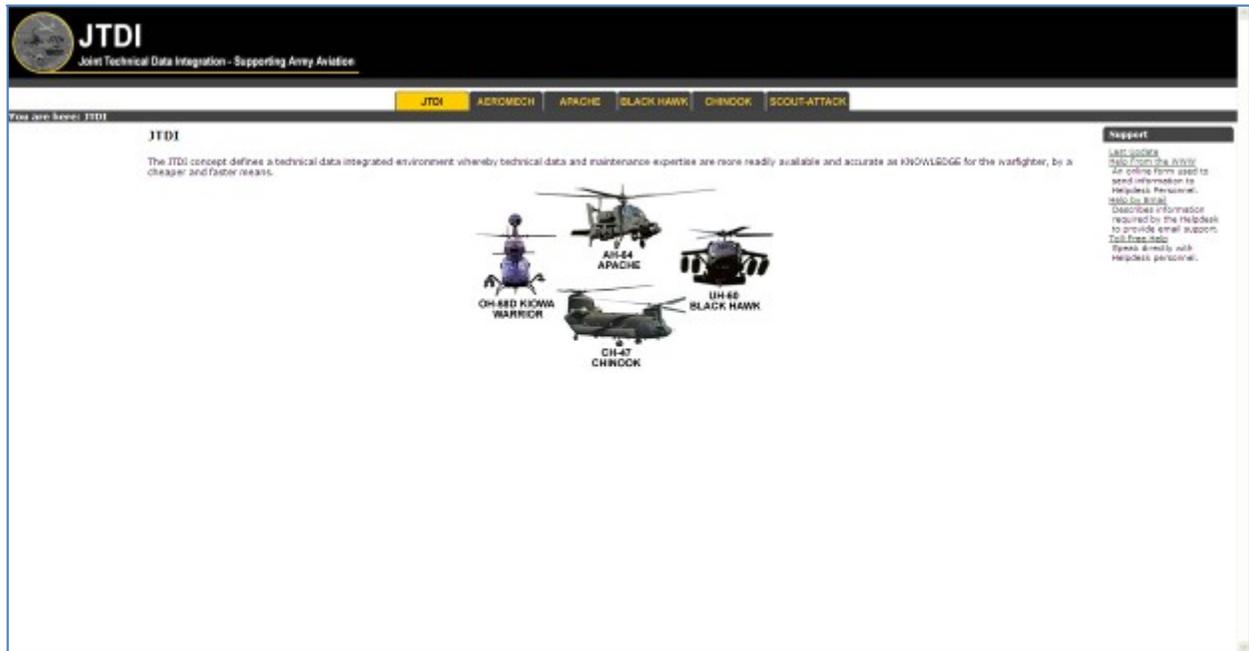


Figure 6-2. Cached Weapon System Home Page with Multiple Tabs

6.1.1 Website Layout

In the cached weapon system home page the user can access specific data under any one of the links located on this page. These views and links are consistent throughout the JTDI 2.0.3.5 system, providing a “same look and feel” approach, no matter which platform is being queried.

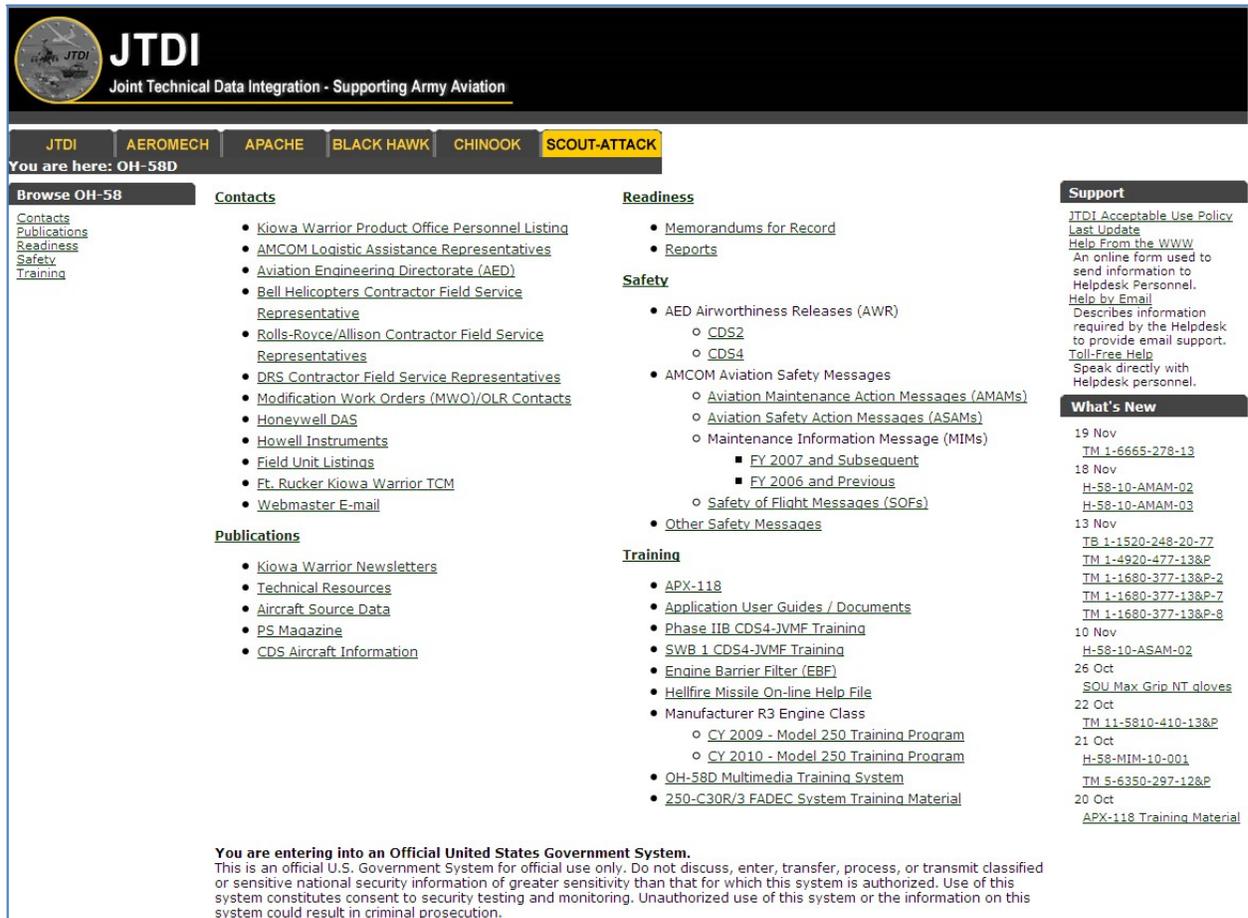


Figure 6-3. Cached Weapon System Website

6.1.2 Website Sections

Each website has its own arrangement of content, but there are certain sections that are used on most weapon system websites.

NOTE

Cached weapon system websites may contain links to external pages (resources not physically stored on the portable computer). Those links will work only if the portable computer has network access.

6.1.2.1 Reference. The Reference page contains information on publications, Technical Manuals, Technical Directives, IRACs, ERACs, Fed Log data and other reference material. The user can navigate through entire manuals online and access IETMs and technical resource documents.

6.1.2.2 Training. This links you to the next screen where you are able to select from a variety of Microsoft PowerPoint briefings and training material. On occasion, a user might click on a specific item that requires additional software to be loaded before it can be viewed. A screen will display that will guide the user through the steps necessary to add any plug-ins or additional software needed to view the requested data.

6.1.2.3 Safety/TDs/Messages. The Safety/TDs/Messages page contains Technical Directives, such as bulletins and changes, airworthiness releases, safety messages, ISST messages, and the ability to access external safety sites, such as the Navy Safety Center. If the user selects an external site, a new browser window opens to the site, where the maintainer may select from the links displayed on the resulting page.

6.1.2.4 Engineering. The Engineering site contains cached data related to engineering advisory reports, general maintenance information, system briefs and aircraft characteristics reports. There are also links to external sites that allow the user to view reports or databases such as status reports and flight data information.

6.1.2.5 Support. The Support page provides access to information necessary to utilize the weapon system website to its fullest capacity.

For more information about obtaining JTDI help desk support, refer to JTDI Support on page 63.

Chapter 7: Defense Connect Online

JTDI 2.0.3.5 employs a real-time collaborative toolset in conjunction with the Internet. These Defense Connect Online (DCO) capabilities should be used within the guidelines of your command policy. Taking advantage of these capabilities requires the following.

- An Internet connection
- A properly installed DoD root certificate
- A web browser that can display Macromedia Flash. Internet Explorer 6 or later typically supports this.
- Someone to collaborate with

To access DCO, click the Defense Connect Online link in the left column on the Top Tier weapon system website. You may also navigate directly to the DCO site by entering <https://www.dco.dod.mil/> in the address bar of your web browser.

NOTE

Before you can use DCO, you must establish a DCO account. You may obtain a DCO account by pointing your browser to the <https://www.dco.dod.mil/> site and clicking on the Register button in the upper left corner. A valid CAC and PIN are required for registration. After you have registered and have a user account, you may log in to the DCO site with a username and password or by using your CAC and PIN.

The most common DCO collaboration scenario involves a Subject Matter Expert (SME) and a JTDI system user. The SME may be an aircraft manufacturer representative who can help diagnose a problem. The SME could also be a JTDI computer expert who can help resolve a software issue.

In either case, the SME will provide a web address to a DCO meeting room. A typical address for a computer support session would look something like this.

<https://connect.dco.dod.mil/r76657111>

When the user types that address into the web browser and logs in to DCO, the DCO server will notify the SME the user is trying to enter the collaboration session. After the SME accepts the user's connection request, the DCO software will finish loading and the session will begin.

The SME will lead the user through the session, which will consist of some or all of the following applications.

- Application Sharing
- Co-browsing
- Desktop Sharing
- Live Video
- POTS Audio
- Text Chat
- Voice over IP
- White Board Collaboration

When the session has ended, the user simply closes the application to disconnect.

Chapter 8: JTDI Support

8.1 JTDI Technical Support

NOTE

Before you contact JTDI for technical support you must follow your unit's standard operating procedure for this system and first go through your unit's local server administrator or other local resources.

For every weapon system site, there is a support section on the right side of the page.

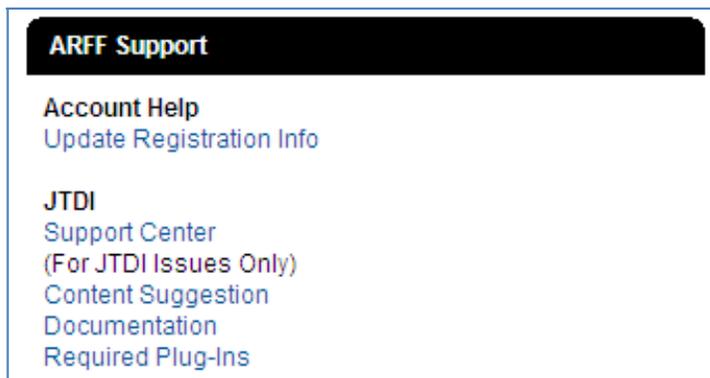


Figure 8-1. Support Links from JTDI Website

Technical support for JTDI is provided by the JTDI Service Desk. Click the **Support Center** link to open the JTDI Support Center page. There are several ways to contact the Service Desk.

8.1.1 Submit a Ticket

The Submit a Ticket link on the JTDI Support Center page opens a connection to the JTDI Service Request Tracking System (also known as Heat). Registered Heat users may open a support ticket directly in the tracking system, and may also track progress on any previously-reported issues.

8.1.2 Submit Online Request

The Submit Online Request link on the JTDI Support Center page displays the Submit Feedback Form. Complete the form with as much information as possible, including all required fields (which are labeled in red). Your information will be sent to the JTDI service desk, and a JTDI technical representative will contact you as soon as possible.

8.1.3 Help by Email

You may contact the JTDI Service Desk directly via email, either by using the **Help By Email** link on the JTDI Support Center page or sending a message directly to help@jtdisos.us. Include the following information about yourself and the problem, and please be as detailed as possible.

- Subject
- Name
- Email Address
- Unit / Squadron
- Rank
- Platform
- System
- Hardware
- Serial Number (if available)
- Description of Problem

8.1.4 Toll-Free Help

You may call the JTDI Service Desk toll-free in the United States at 1-888-JTDISOS (583-4767).

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