



Joint Integrated Analysis Tool (JIAT) Quick Start Guide

Version 2.4.6




April 2015



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Purpose

- ❖ The purpose of this guide is to provide a quick overview of JIAT's main features
- ❖ Contact JIAT Support at (805) 964-6964 or jiat_support@tecolote.com for questions or comments
- ❖ Consult the Table of Contents to learn how to work with JIAT content areas:
 - Databases 
 - Libraries 
 - Models 





JIAT Website Login

- ❉ JIAT is accessible via the AWPS portal at <https://www.awps.army.mil/>
- ❉ Click on the JIAT Portal link to launch JIAT

- ❉ Select the JIAT Application to open the JIAT website
- ❉ ***ACDB in the JIAT Portal is for Database Administrators; ACDB data is available for analysts in the JIAT Website Application

The image illustrates the process of accessing the JIAT website through the AWPS portal. It shows three overlapping browser windows:

- Top Left Window:** The AWPS (Army Workload and Performance System) portal. A red arrow points to the 'JIAT Portal' link under the 'Applications' section.
- Top Right Window:** The JIAT Portal page. A red arrow points to the 'JIAT' application button in the 'Applications' list.
- Bottom Window:** The JIAT application interface. It features a navigation menu with options like 'PORTAL HOME', 'JIAT HOME', 'SEARCH DATABASES', 'SESSION', 'CER LIBRARIES', 'LINK LIBRARIES', 'DOCUMENT LIBRARIES', 'MULTIPLE RUN', 'MANAGE CONTENT', and 'HELP'. The main area contains several interactive buttons: 'Search Databases', 'Run Queries' (with a text box stating 'JIAT has over 750 CERs. Search via keywords to find the right CER for your estimate and export it directly into ACE.'), 'DAMIR', 'CKB', 'AMCOS', 'Browse CERs', and 'Search Web Links'.

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JIAT







INTRODUCTION

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- ❖ The Joint Integrated Analysis Tool (JIAT)
Mission is to support DoD Cost Analysts:
 - Assist with data collection
 - Expose to new data sources
 - Direct to relevant data quickly
 - Export data into cost analysis tools Excel, CO\$TAT and ACE

- ❖ JIAT brings together:

-  The Analyst (government only)
-  Databases
-  Libraries
-  Models

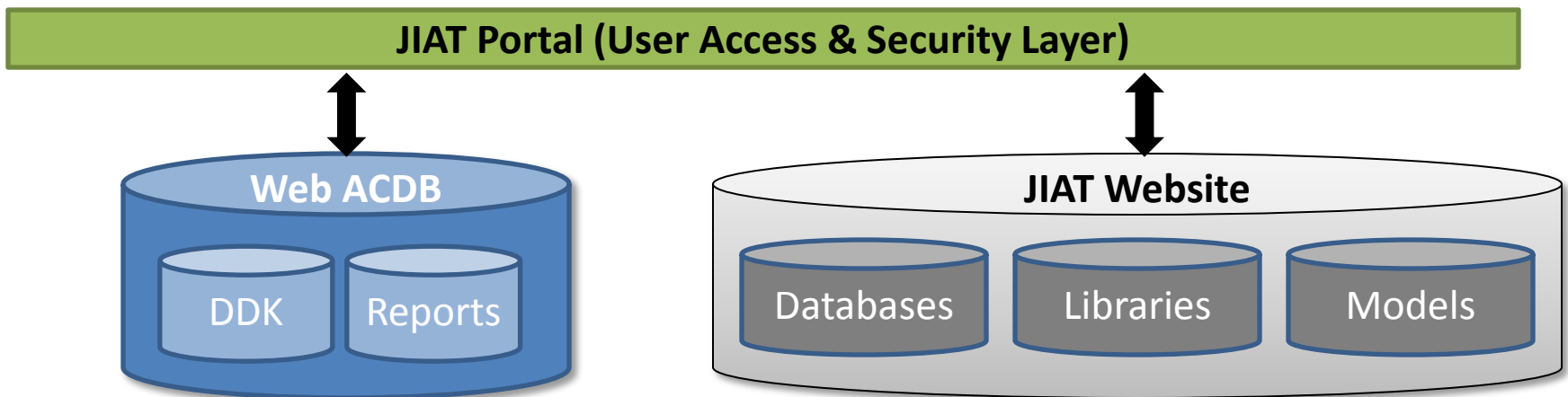




What is JIAT?

❖ Cost Estimating Data Warehouse for the Army

- Provides a common platform to access, store, and share data to support cost analysis
- Host an Excel or ACE model for the purpose of running What-If drills
- Access to data through single login
 - CAC enabled
 - Government analysts only



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Robust Warehouse

High level Content Summary

- Provides ACAT 1 Data
 - From both Contractor and Program Office perspectives



Databases

9 Databases
90+ Queries

- Shows Individual Program Data Summary
- Emphasizes Cross Program Analysis



Libraries

750 CERs
700 Web Links
150 Documents

- Growing Lower Level Data Source
 - Provides some ACAT 2 Data
 - Includes O&S and Demilitarization Data
 - Supports estimating specific WBS elements



Models

Run ACE What Ifs
Run Excel What Ifs

- Supports Working Groups and IPTs
 - Document Management
 - Access to running model What-ifs

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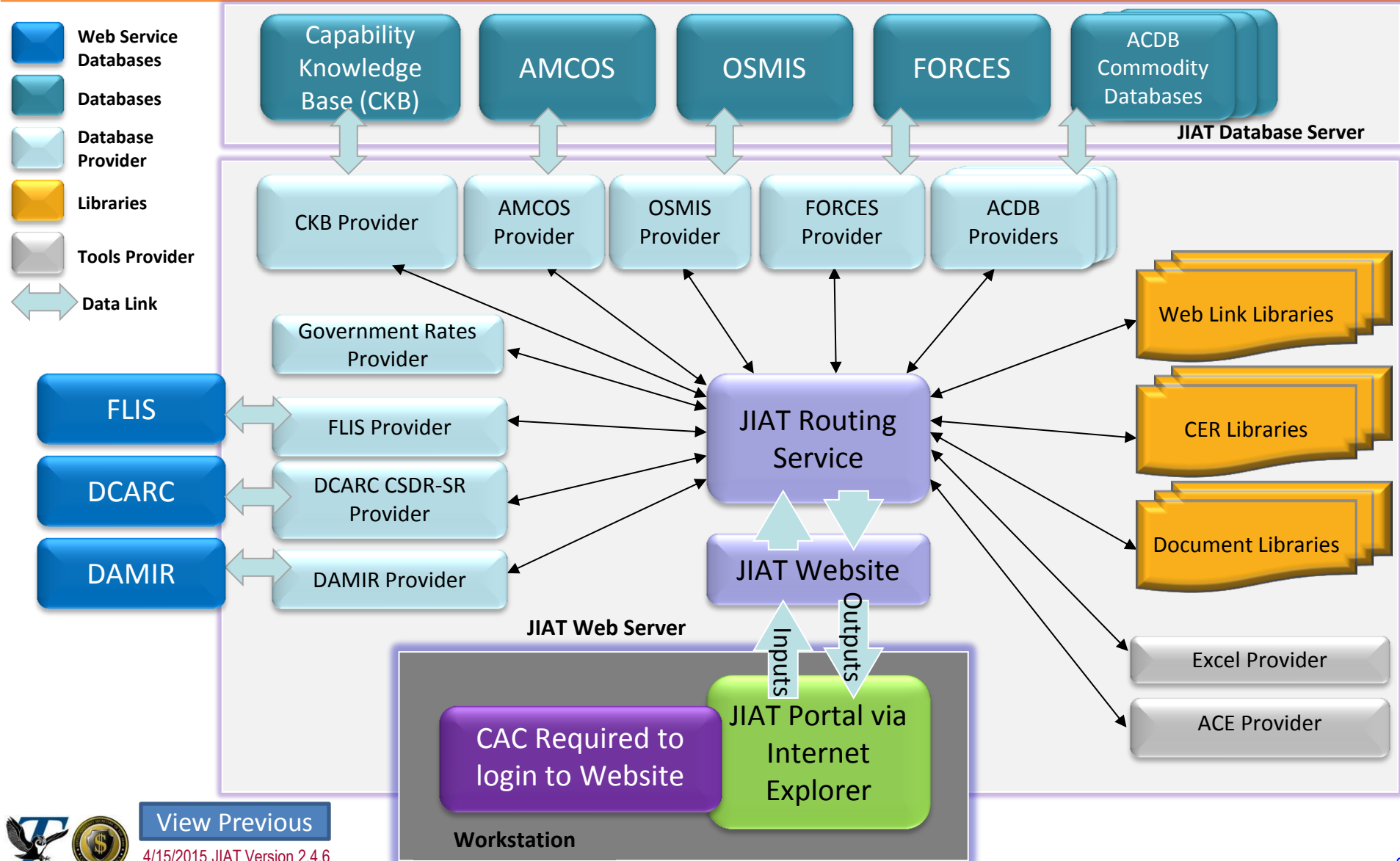




JIAT 2.4.6 Components

<https://www.awps.army.mil/>

Released: 18 March 2015



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Terms Introduction

- Below are several terms used throughout JIAT:
 - JIAT Portal - .mil hosted website that provides access to the JIAT website and ACDB Developers website
 - JIAT Website – website that allows the user to query databases, work with libraries, and run models
 - JIAT Provider – acts as a source from which data is pulled
 - Providers mimic the functionality of existing applications (such as AMCOS, OSMIS, ACE, etc.)
 - JIAT Session – any instance of querying a database or running a model. Each JIAT Session is a mini workbook in the browser that can contain up to 15 worksheet tabs.
 - JIAT Query – a JIAT database Provider which accepts a set of input values and returns a set of output values
 - JIAT Model – hosted in a JIAT Model Provider. A web hosted version of a model that accepts a set of input values and returns a set of output values as part of a what-if drill.



JIAT



ACCESSING JIAT CONTENT

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Use JIAT Dashboard to Access Content

Select Tile to access content

JIAT

Joint Integrated Analysis Tool My Profile ▾

PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | ADMIN | HELP

Search Databases

Run Queries

DAMIR **CKB** **AMCOS**

JIAT has over 750 CERs. Search via keywords to find the right CER for your estimate and export it directly into ACE.

Browse CERs **Search Web Links**

OSMIS **FORCES** **ACDB**

FLIS **Run Models** **Browse Documents** **Contact Support** **Search Documents**

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Two General Ways to Access Content

❖ Create a New JIAT Session

- Search or Browse Databases
- Run Models



❖ Access Libraries

- Search or Browse

- CER Libraries



- Web link Libraries



- Document Libraries



JIAT



JIAT DATABASES

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JIAT Database Providers



Capabilities Knowledge Base

- Identify Analogous Systems
- Capabilities, Programmatic, Technical, and Schedule data
- SAR Data



AMCOS

- Collect Standard Rates
- Enlisted, Officer, Civilian, National Guard and Reserve
- Private Labor Market
- 15 tables of MOS level rates provided



OSMIS

- Gather O&S Data
- Vehicle operations support systems, Aircraft flight, Depot and Crew data



FORCES

- Obtain Force and Organizational Data
- Flying costs, Cost per mile, Facilities costs, Equip data and costs, Replenishment costs, and Mileage
- More than 60 tables provided



ACDB

- Retrieve Program Cost, Schedule, and Technical Data
- Search and Retrieve mapped and normalized data



FLIS

- Retrieve NIIN or NSN data
- NIIN price and characteristics



DCARC CSDR-SR

- Contract Submission Plans
- Understand CSDR-SR data availability
- Provides CSDR-SR Plans listed by MDAP



DAMIR

- Program Office Data
- MDAP and MAIS program cost and funding data, schedule data, and earned value data



Government Rates

- Military Composite Rates published by Office of the Under Secretary of Defense (Comptroller)
- OMB Discount Rates published by the Office of Management and Budget (OMB)

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Two Ways to Work With Databases

❖ Run a Query for selected Database Provider

– Select Run Query Tile or



– Select Database Tiles



❖ Search Across Databases with JIAT's Global Search Database Feature



– Search for:

- Program/System
- Contractor Information
- Part Name/Number



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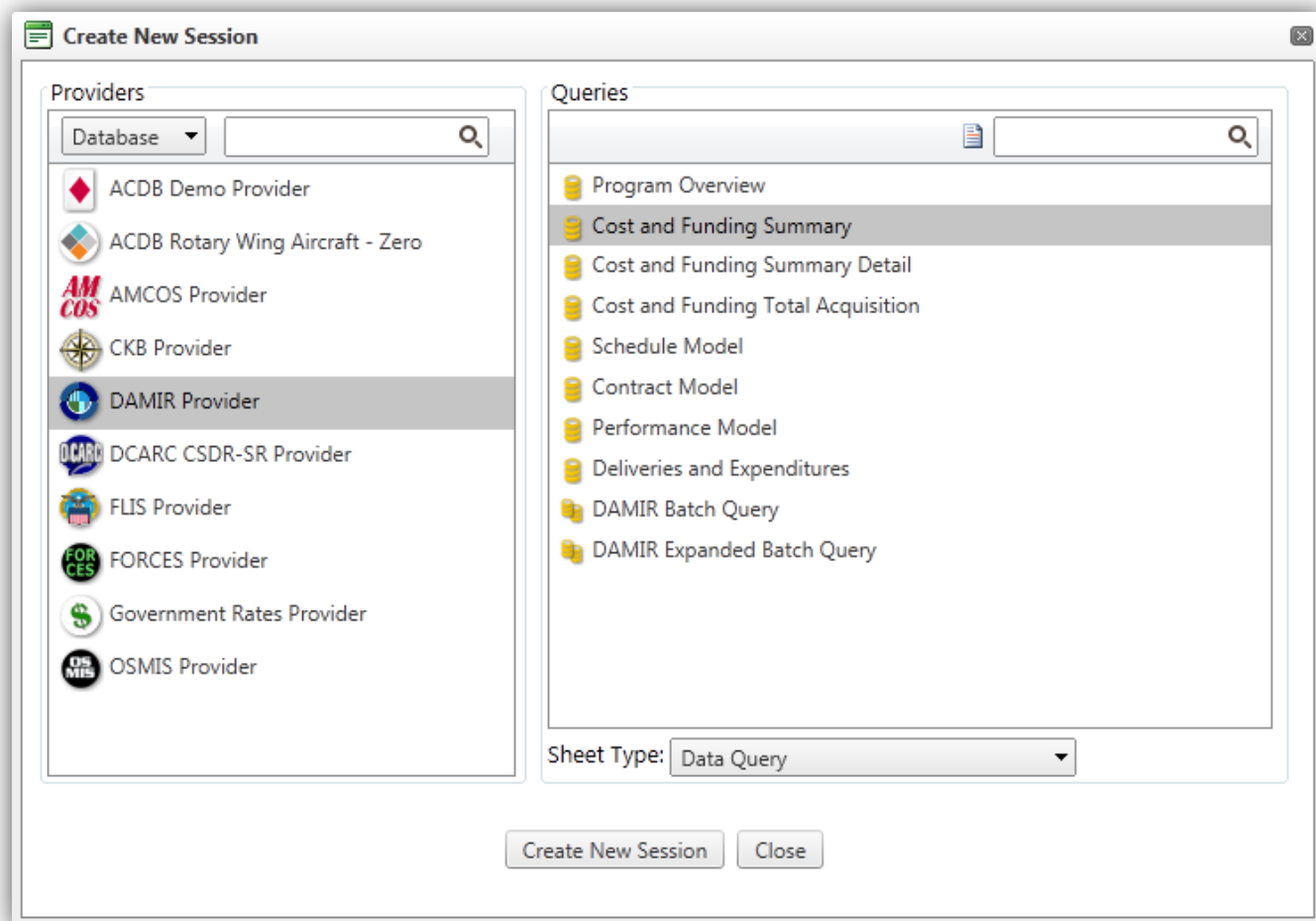
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❖ Run Query helps to create a New JIAT Session

❖ Select the Database

❖ Select a database query

❖ Click “Create New Session” button





JIAT Sessions

- A JIAT session is the term for any instance of querying a database or running a model
- Sessions may hold up to ten database queries or model runs of different Providers
- A session acts as a workspace to run an analysis through the JIAT website
- Sessions can be saved to individual user accounts and retrieved at a later time

Joint Integrated Analysis Tool - For Official Use Only/Proprietary Data My Profile ▾

PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

JIAT Session - [Session16](#)

Session

Save, Save As, Search

Sheet

New, Export, Delete, Rename

Edit

Copy, Goto Row

Queries

Run Query

Properties

Costs: Then Year, Cost Units: \$M

Documentation

Session Description, Provider Description, Model Definition

Model (Data Query): Cost and Funding Summary
Description: This model provides a summary of Cost and Funding POM and DAES/Web Services program data
Provider: [DAMIR Provider \(1.0\)](#)

Query Inputs			Query Results					
	Name	Value	Variable	Prior	FY2007	FY2008	To Complete	Total
1	Service	Army	RDTE					
2	Active Status	Active Only	Procurement					
3	Program	202 - AH-64E Remanufacture	POM Total					
4	Data Source	DAES/Web Services	Development Qty					
5	Subprogram	AH-64E Remanufacture	Production Qty					
6	Start Year	2007	POM Total Qty					
7	End Year	2008						

Cost and Funding Summary

Navigation: [Back] [Previous] [Next] [Forward] [Pause]

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Running a Data Query

- A common interface is used for all data query providers (e.g. DAMIR and AMCOS)
- The common format includes:
 - Ribbon: Displays options particular to the sheet, including properties and documentation
 - Sheet header information: Displays Provider, model, and description of data
 - Query Inputs: lists all inputs to the query/model
 - Query Results: after query is executed displays resulting data
- Click "Run Query" to enter inputs and view the results

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PORTAL HOME | JIAT HOME | SEARCH DATABASES | **SESSION** | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

JIAT Session - [Session16](#)

1. **Run Query**

2. Model (Data Query): Cost and Funding Summary
Description: This model provides a summary of Cost and Funding POM and DAES/Web Services program data
Provider: [DAMIR Provider \(1.0\)](#)

Query Inputs		
	Name	Value
1.	Service	Army
2.	Active Status	Active Only
3.	Program	202 - AH-64E Remanufacture
4.	Data Source	DAES/Web Services
5.	Subprogram	AH-64E Remanufacture
6.	Start Year	2007
7.	End Year	2008

Query Results						
4.	Variable	Prior	FY2007	FY2008	To Complete	Total
	RDTE					
	Procurement					
	POM Total					
	Development Qty					
	Production Qty					
	POM Total Qty					

Cost and Funding Summary

Navigation: [Back] [Forward] [Home] [Refresh] [Pause]

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Enter Data Query Inputs

- Specify the desired inputs in the Data Query Inputs dialog using a dropdown (as shown in the image to the right) or via a multi-select choice list
- Click the Record Count hyperlink to view the Query Summary to understand what results are available to save time before running the query
- Close the Query Summary dialog and click the Run Query button to view the results

Inputs	
Name	Value
1 Service*	Army
2 Active Status*	Active Only
3 Program*	202 - AH-64E Remanufacture
4 Data Source*	DAES/Web Services
5 Subprogram*	AH-64E Remanufacture
6 Start Year*	2007
7 End Year*	2008

*Required [2 Records](#) Run Query Reset Cancel

	Service	Programs	Data Source	Subprogram	FiscalYear
1	Army	202 - AH-64E Remanufacture	DAES/Web Services	AH-64E Remanufacture	2007
2	Army	202 - AH-64E Remanufacture	DAES/Web Services	AH-64E Remanufacture	2008

Copy Close



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Data Query Results

- The query results are shown below (the data is obscured to protect its distribution)
- Use the ribbon to manage the session or the sheet. The menus are described below:
 - Session – Save the session for later use
 - Sheet – Add a new sheet to the session, manage the existing sheets, or export the sheet to Excel, CO\$TAT, or ACE
 - Edit – Copy a cell’s value or go to a specific row
 - Run Query – Enter inputs values
 - Properties – View the year and units of the current sheet
 - Documentation – View the session description, Provider description, or model definition

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PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

JIAT Session - Session16

Save, Save As, New, Export, Copy Sheet, Delete, Rename, Manage, Copy, Goto Row, Run Query, Costs: Then Year, Cost Units: \$M, Session Description, Provider Description, Model Definition

Session | Sheet | Edit | Queries | Properties | Documentation

Model (Data Query): Cost and Funding Summary
Description: This model provides a summary of Cost and Funding POM and DAES/Web Services program data
Provider: [DAMIR Provider \(1.0\)](#)

	Query Inputs		Query Results					
	Name	Value	Variable	Prior	FY2007	FY2008	To Complete	Total
1	Service	Army	RDTE					
2	Active Status	Active Only	Procurement					
3	Program	202 - AH-64E Remanufacture	POM Total					
4	Data Source	DAES/Web Services	Development Qty					
5	Subprogram	AH-64E Remanufacture	Production Qty					
6	Start Year	2007	POM Total Qty					
7	End Year	2008						

Cost and Funding Summary

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Provider Direct Links

JIAT exposes estimators to a wide range of data types available in popular estimating databases in a standardized format, making it easier to obtain and evaluate the data without the burden of learning a new tool interface. Once the estimator becomes familiar with the data available from the database provider, it may be beneficial to go to the source to gather additional data or dive deeper into its repository

The links are available in the Session Provider header.

- Click the Hyperlink associated with the Provider
- From the dialog, view information about the source
- select the link to open a new browser with the source website.

The screenshot displays the JIAT interface. The main window shows a session titled 'JIAT Session - Session3' with a 'Contract Query' model. The model description states: 'Description: This model provides a summary of contract data. Provider: DAMIR Provider (1.0)'. Below this is a table of 'Query Inputs':

	Name	
1	Service	Army
2	Active Status	Active Only
3	Program	202 - AH-64E F
4	Contract	AB3 LRIP - W58RGZ-09-1-0161 -...
5	Effective Date	09/25/2014

Below the table is a 'Contract Query' section with playback controls. A secondary browser window is open to 'https://ads.acq.osd.mil', displaying 'DAMIR' provider information. It includes a 'STANDARD MANDATORY DOD NOTICE AND CONSENT' section with the following text: 'You are accessing a U.S. Government (USG) Information System (IS) that is provided for USG-authorized use only. By using this IS (which includes any device attached to this IS), you consent to the following conditions:'. The list of conditions includes: 'The USG routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, COMSEC monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations.', 'At any time, the USG may inspect and seize data stored on this IS.', 'Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG-authorized purpose.', 'This IS includes security measures (e.g., authentication and access controls) to protect USG interests—not for your personal benefit or privacy.', 'Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details.'

At the bottom of the browser window, there is a 'Sign in with DoD CAC' dropdown menu and a green 'Continue' button.



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Batch Queries

- ❖ Batch Queries allow you to enter one set of inputs to run a series of queries for a single Provider
- ❖ Batch Queries are available for the CKB, DAMIR, FORCES and OSMIS Providers
- ❖ Batch queries are listed by Provider in the Create New Session dialog.
- ❖ Batches are listed at the end of the query list for a Provider shown with a double drum icon.

Provider	Batch Query	Primary Batch Inputs
CKB	CKB	PNO
DAMIR	DAMIR	PNO
DAMIR	Expanded	PNO
FORCES	Equipment	LIN
FORCES	Organization	SRC
FORCES	Personnel Cost and Factors	N/A list of tables
FORCES	Shipping Cost and Factors	N/A list of tables
OSMIS	Equipment	LIN

	Name	Inputs	Value
1	PNO		156 BLACK HAWK (UH-60A/L)
2	Subprogram Name		UH-60L
3	Cost Type		MILCON;OM;PROC;RDTE



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Batch Query Steps

Steps to create a Batch Query:

- ❖ **Create New Session**
- ❖ **Select a Batch Query** – JIAT will create the new session to store the queries
- ❖ **Enter Query Inputs Values for the Batch** – a list of common query inputs are provided. The list is generated across the batch; all inputs may not be used by all the queries in the batch.
- ❖ **Run Query** – JIAT adds query worksheets for each query in the batch
- ❖ **View the Batch Queries** – Use the worksheet tabs to navigate to the various queries in the batch.

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PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

JIAT Session - Session3

Save | Save As | New | Export | Delete | Rename | Copy Sheet | Manage | Copy | Goto Row | Run Query | Costs: Mixed | Cost Units: \$M | Session Description | Provider Description | Model Definition

Model (Data Query): Cost by PNO
Description: Given a set of Program Names, Sub-Programs, and Cost Type, return the most recent matching records from the CKB RDT&E, Procurement, MILCON, and O&M tables
Provider: [CKB Provider \(as of 12/20/2013\)](#)

Query Inputs		PNO	Program Name	Sub-Program Name	Data Source	Source Date
Name	Value					
1	PNO	156	BLACK HAWK (UH-60A/L)	BLACK HAWK (UH-6(UH-60L		
2	Subprogram Name	156	UH-60L	BLACK HAWK (UH-6(UH-60L	SAR	12/25/1999
3	Cost Type	156	MILCON;OM;PROC;RDTE	BLACK HAWK (UH-6(UH-60L	SAR	12/25/1999
4		156		BLACK HAWK (UH-6(UH-60L		

Schedules by PNO | Capabilities by PNO | **Cost by PNO** | O&S Cost by PNO | Transposed Technical by PNO

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Direct Database Access

- When you already know which database you want to work with use the database direct link tiles
- Direct Link Tiles open the Create New Session dialog with the Provider and base query preselected



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ACDB Databases Hosted on JIAT

ACDB



Automated Cost Database

PORTAL HOME ACDB HOME REPORTS REFERENCE TABLES SYSTEM DATA TOOLS ADMIN HELP



All Army sponsored ACDB databases are available thru JIAT

JIAT ACDB Provider

ACDB Database

Service

Army Communications & Electronics

Army Communications & Electronics Database

ODASA-CE

Army Rotary Wing Aircraft

Army Rotary Wing Database

ODASA-CE

ODASA-CE WTV ACDB Lite Provider

Army Tracked & Wheeled Combat Vehicle Database

ODASA-CE

Tri-Service Missile & Munitions

Tri-Service Missile & Munitions

ODASA-CE and Air Force



JIAT website provides mapped and normalized ACDB data.

- User groups control which ACDB Providers the user has access to
- ACDB data is typically used for CER development and learning curve analysis



ACDB website under development

- New home for ACDB database construction and administration

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JIAT



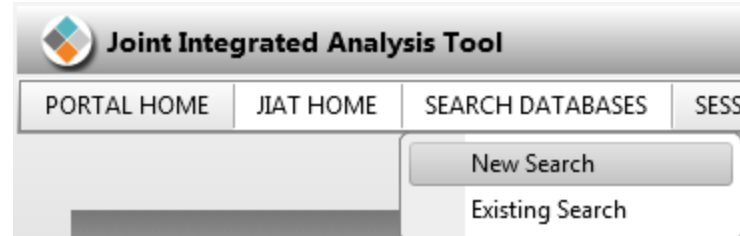
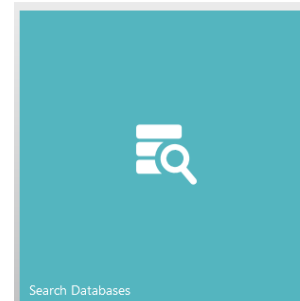
SEARCH JIAT DATABASES

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Search Databases

- ❖ JIAT offers a unique feature to search for information across all the JIAT hosted Provider databases
- ❖ This feature streamlines the data collection process by eliminating unfruitful data searches
- ❖ JIAT allows various search types:
 - Program/System
 - Contractor Name and Number
 - Part LIN and NSN/NIIN
 - Part Name
- ❖ The Search Databases feature can be accessed from the dashboard, main JIAT menu or through the session ribbon
- ❖ The user can create a new search or run an existing search



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Database Search Types

❖ JIAT accepts the following types of parameters for each search type:

❖ Program/System Search:

- PNO
- Program Name
- Subprogram Name
- System Name
- System Long Name
- MDS (Mission Design Series)
- Model
- Nomenclature

❖ NSN/NIIN Search:

- NSN
- NIIN
- Partial NSN or NIIN

❖ Contractor Search:

- Contract
- Contractor
- Manufacturer

❖ Contractor # Search:

- Contract
- Contract Number

❖ LIN Search:

- LIN #
- Partial LIN#
- Modernized LIN #

❖ Part Name Search:

- Technical Part
- Technical Data
- Technical Part Name
- Task
- Part Number
- Nomenclature
- CTA Item
- Nomenclature
- LIN Nomenclature
- Modernized LIN Nomenclature





Search Operation

- Select a Search Type
- Enter a search value and click “Search” to see a list of all the queries that contain data for the specified value
- The parameter name and value are listed in a grid for each query, followed by whether the item is an input and/or output to the Provider Query
- Select an item and click “New Model” to open the session sheet and run a query

- Additional Tips:
 - Refer to the search description for assistance with identifying meaningful search values
 - Use the search options to search for exact matches
 - Use the Excel Icon to Export the search results list to an Excel spreadsheet

The screenshot shows the 'Search Databases' window in the JIAT application. The search type is set to 'Program or System' and the search value is 'Longbow'. The results table is as follows:

Query	Provider	Value	Value Type	Input	Output
Cost by PNO	CKB Provider	Longbow Apache	Subprogram Name	✓	✓
Cost by PNO	CKB Provider	Longbow Hellfire	Subprogram Name	✓	✓
O&S Cost by PNO	CKB Provider	Longbow Apache	Subprogram Name	✓	✓
O&S Cost by PNO	CKB Provider	Longbow Hellfire	Subprogram Name	✓	✓
Schedules by PNO	CKB Provider	Longbow Apache	Subprogram Name	✓	✓
Schedules by PNO	CKB Provider	Longbow Hellfire	Subprogram Name	✓	✓
Technical by PNO	CKB Provider	Longbow Hellfire	Subprogram Name	✓	✓
Transposed Technical by PNO	CKB Provider	Longbow Hellfire	Subprogram Name	✓	✓
Cost by PNO	CKB Provider (DEV)	Longbow Apache	Subprogram Name	✓	✓
Cost by PNO	CKB Provider (DEV)	Longbow Hellfire	Subprogram Name	✓	✓

The window also includes search options (Match case, Exact match), search buttons (Search, Clear, Reset, Save), and a 'New Model' button at the bottom.



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Running Search Queries

- Once “New Model” is clicked on the “Search Databases” dialog, the session sheet opens for you to run a query and locate data for the search value

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PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

JIAT Session - Session16

Save Save As New Export Delete Rename Copy Sheet Manage Copy Goto Row Run Query Costs: Mixed Cost Units: \$M Session Description Provider Description Model Definition

Session Sheet Edit Queries Properties Documentation

Model (Data Query): Cost by PNO
Description: Given a set of Program Names, Sub-Programs, and Cost Type, return the most recent matching records from the CKB RDT&E, Procurement, MILCON, and O&M tables
Provider: [CKB Provider \(as of 12/20/2013\)](#)

Query Inputs			Query Results
	Name	Value	
1	PNO		Select Run Query from the ribbon to set inputs and produce output results.
2	Subprogram Name		
3	Cost Type		

Cost by PNO

- Click the “Save” button on the “Search Databases” dialog to save a search (see the earlier slide)
- Saved searches can be accessed at a later time via the “Existing Search” item on the Search Databases menu

Joint Integrated Analysis Tool

PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESS

New Search
Existing Search

Saved Searches

Search Name	
AH-64A	✕
Apache	✕

This is the search for Apache data.

Close



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JIAT



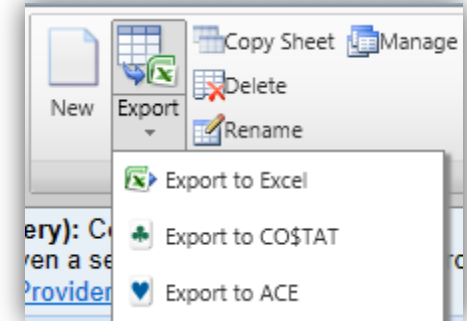
EXPORT JIAT DATABASE CONTENT

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Export JIAT Data

- ❖ Data from a JIAT sheet can be viewed in external sources
- ❖ On the Sheet menu of the ribbon, click Export>Export to Excel to view the results of the current sheet in Excel
 - Useful when there are more than 20 rows of results
- ❖ Click Export>Export to CO\$TAT to view data query results in a CO\$TAT datasheet
 - Results can be analyzed in CO\$TAT to develop CERs, factors, and learning curves
- ❖ Click Export>Export to ACE to view data query results within ACE
 - Results can be integrated into an ACE estimate



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4/15/2015 JIAT Version 2.4.6



Export to Excel

- Export to Excel copies the session data from your browser to an Excel workbook
- Multiple Session sheets can be exported at a time
- The benefits of Export to Excel are:
 - Quick way to save JIAT Query data to your desktop
 - Excellent to view more than 20 rows of query results in one view
 - Easy to perform simple analysis on the data like, calculating average unit cost

The screenshot shows an Excel spreadsheet with the following data:

Model (Data Query): Cost and Funding Summary							
Description: This model provides a summary of Cost and Funding POM and DAES/Web Services program data							
Provider: DAMIR Provider (1.0)							
Properties: TY \$M							
Query Inputs							
Name	Value	Variable	Prior	FY2005	FY2006	FY2007	FY2008
Service	Army	RDTE					
Active Status	Active Only	Procurement					
Program	202 - AH-64E Remanufacture	POM Total					
Data Source	DAES/Web Services	Development Qty					
Subprogram	AH-64E Remanufacture	Production Qty					
Start Year	2005	POM Total Qty					
End Year	2026						

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Analyzing JIAT Data in CO\$TAT

- Several of the JIAT data queries can be exported to a CO\$TAT dataset worksheet
- Use CO\$TAT to analyze a dataset and calculate a factor, regress a CER, or develop a learning curve

The screenshot illustrates the workflow from JIAT to CO\$TAT. On the left, the JIAT interface shows a 'Data Query' window with a table of variables and tasks. A blue box labeled 'Query a Database' points to the 'Run Query' button. An arrow points from the 'Export to COSTAT' button to a blue box labeled 'Export to CO\$TAT'. On the right, the CO\$TAT interface shows a 'Learning Analysis for Dataset Sheet1, Case 1' window. A blue box labeled 'Analyze the Dataset' points to the 'Learning' button. Another blue box labeled 'Develop Equations' points to the 'Model Form and Equation Table' section. A final blue box labeled 'Export the Equations to ACE' points to the 'Quantity Variable' field.

Query a Database

Export to CO\$TAT

Analyze the Dataset

Develop Equations

Export the Equations to ACE

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Use JIAT Data Directly in ACE Estimates

Several of the JIAT data libraries queries provide source data that can be used directly in estimates. Databases like AMCOS, FORCES, and the Government Rates Provider can be queried and copied into an estimate

JIAT Data is imported into Standard ACE columns and ACE DEC's

Export data query results to ACE

WBS/CES Description	Approp	Unique ID	Point Estimate	Phasing Method	Equation / Throughput	Fiscal Year	Units
*Estimate		*Estimate					
Total							
Manufacturing		REC_PRODS					
Air Vehicle	APF	AVS		F	AV UCS * BuyQty		
Integration	APF			F	0.15 * AVS		
SEPM	APF			F	[Rotocraft Model] * REC_PRODS		
Other	OPF			TY	[Cost Throughput]		\$K
Manpower	MPA			F	E8Rate\$(E8FTE*BuyQty)		
*INPUT VARIABLES							
*IN_VAR		*IN_VAR					
Air Vehicle First Unit Cost	APF	AV_UCS	\$ 10,221.729 *	C	(959 * TW ^ .243 + 189 * RANGE ^ .652) / 2	2000	\$K
Air Vehicle Buy Quantity		BuyQty	7 *	IS	[Input Throughput]		
*Technical/Performance Characteristics							
Air Vehicle Takeoff Weight (lbs)		TW	12000.00 *	C		12000	
Air Vehicle Range (nmi)		RANGE	250.00 *	C		250	
*Manpower Rates							
E-8	MPA	E8Rate\$	*	C		2013	\$
*Manpower FTEs							
E-8		E8FTE	2 *	C		2	

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Include Database results in Session

JIAT



JIAT LIBRARIES

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JIAT Libraries Summary

CER Libraries

- Aircraft and Unmanned Aircraft Systems
- C4ISR
- Combat Vehicles
- Future Combat Systems O&S
- Ground Vehicles Library
- Missile Blue Book
- Missiles Library
- Ground Based Interceptor

Web link Libraries

- General Cost Estimating Sites
- ODASA-CE Aircraft Information Deskbook
- Test & Evaluation and Systems Engineering
- US Missile System Information

Document Libraries

- CKB Analysis Tools
- JIAT Website Users
- ODASA-CE Cost Studies
- US Army Environmental Command
- CMPR

CER Description	Equation
Aircraft Development Engineering CERs June 2001	
Rotary Wing Aircraft Development Engineering CER N...	
JAV System Acquisition CER Methodology & Databas...	
Rotary Wing Aircraft Developing Engineering CER Sep...	
JAV Research Payload and Command & Control CPER...	
Airborne IR Sensor/LADAR Cost Model II TR 06-01-03,...	
Methodology (May 2007) Army Aircraft Definition CER	
Rotary Wing Aircraft DLR CER Sept 2000	

Library content summary as of 15 April 2015
Library content continues to expand

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JIAT



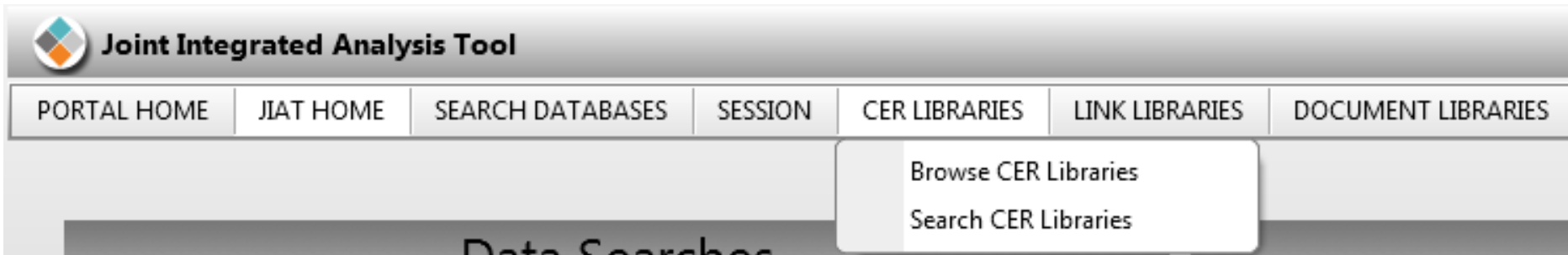
JIAT CER LIBRARIES

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CER Libraries

- ❖ JIAT includes the ability to host CER libraries
- ❖ CERs can be loaded into JIAT by users with contribution privileges
- ❖ CER listings can be organized in various libraries
- ❖ Different user groups can have access to individual libraries
- ❖ There are three possible sub-menus under the CER Libraries tab. Depending on your permissions, you may only see the first two.
 - Browse CER Libraries – look through libraries and view/edit/add CERs in new or existing libraries
 - Search CER Libraries – look for a specific CER by phase or subject
 - Manage Keywords – add/edit a keyword (note that the Manage Keywords menu can be accessed only by users with the “KeywordAdmin” role)




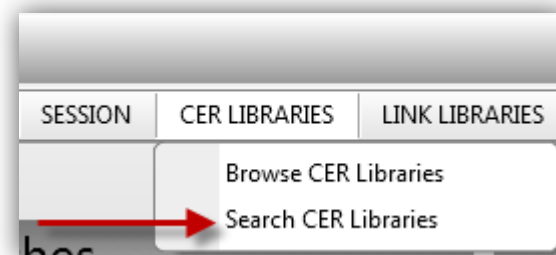
[View Previous](#)

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Search CER Libraries





- The “Search CER Libraries” menu item allows one to look for a CER by phase or subject
- Click the Search icon () to begin




Joint Integrated Analysis Tool My Profile ▾

PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

Search CER Libraries

Title	Equation	Library	Details
No CER records to display. Press the search  button above to perform a query.			



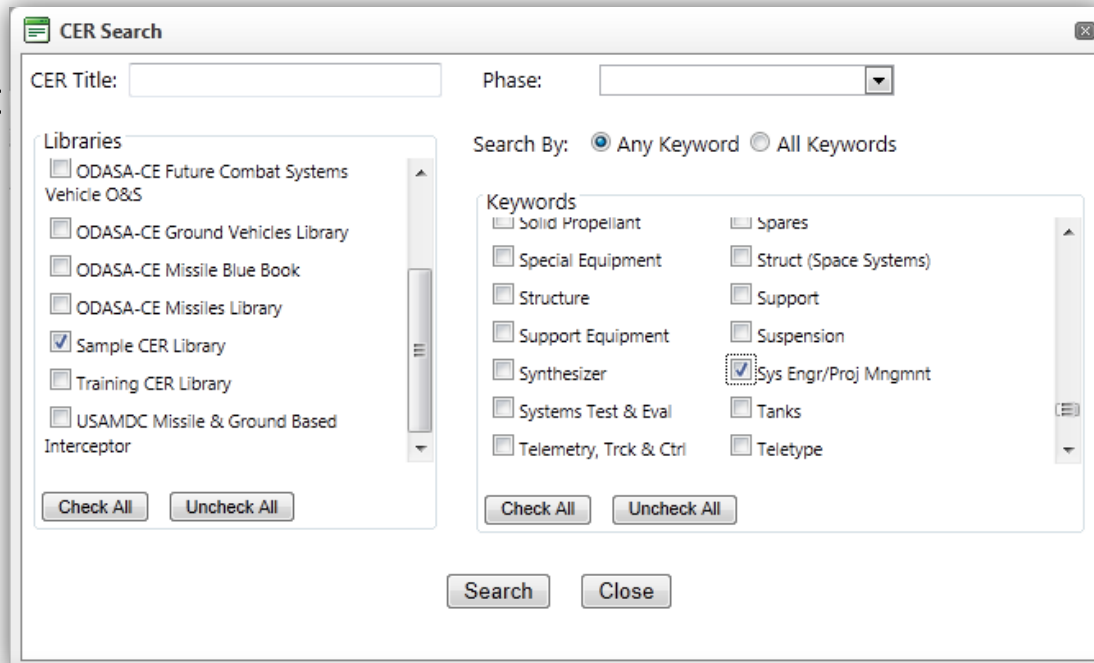
[View Previous](#)

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Search CER Libraries

- Select which library(s) to search
- Specify a title, phase, or subject if desired to narrow the results
- Click the Search button to view the results
- Once the results are returned, click the icon to the right of the CER (📄) to view the CER details
- Select a CER and click the notepad (📄) to view the definition



Search CER Libraries


Title	Equation	Library	Details
SEPM	[XYZ Missile PO] 0.378*PMP_D	Sample CER Library	📄
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .0464 * REC_PROD\$	Sample CER Library	📄
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .8720* (DE\$ + PM\$)	Sample CER Library	📄

[View Previous](#)





Browse CER Libraries

- ❖ The CER Libraries that are available to you depend on your permission settings
- ❖ Click a library on the left to view associated CERs
- ❖ Using the export icon () on the left side of the JIAT page, libraries can be exported to a .zip file, which can then be viewed in the ACEIT Librarian

Browse CER Libraries

Libraries

- ODASA-CE Aircraft and Unma...
- ODASA-CE C4ISR
- ODASA-CE COMBAT VEHICLE...
- ODASA-CE Future Combat Sys...
- ODASA-CE Ground Vehicles Li...
- ODASA-CE Missile Blue Book
- ODASA-CE Missiles Library
- Sample CER Library**
- Training CER Library
- USAMDC Missile & Ground Ba...

CERs

CER Description	Equation
ARMY CES (AIRCRAFT)	
SEPM	[XYZ Missile PO] 0.378*PMP_D
Staff Months	[Prediction Interval 'Case 3' Risk Bounds]...

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Browse CER Libraries

- Select a CER and click the notepad icon (📄) to view the definition
- Click the icon to the right of the CER (☰) to view the CER details

CER Information Pane

Title:

Equation:

Reference:
Cost:
Theory:
Fiscal Year:

Learning Slope:
Rate Slope:
Units:

Fee Included:
G&A Included:
Overhead Included:

Domain Type:
Commodity:

Phase:

- Pre-Development
- Development
- Production
- Operations and Support

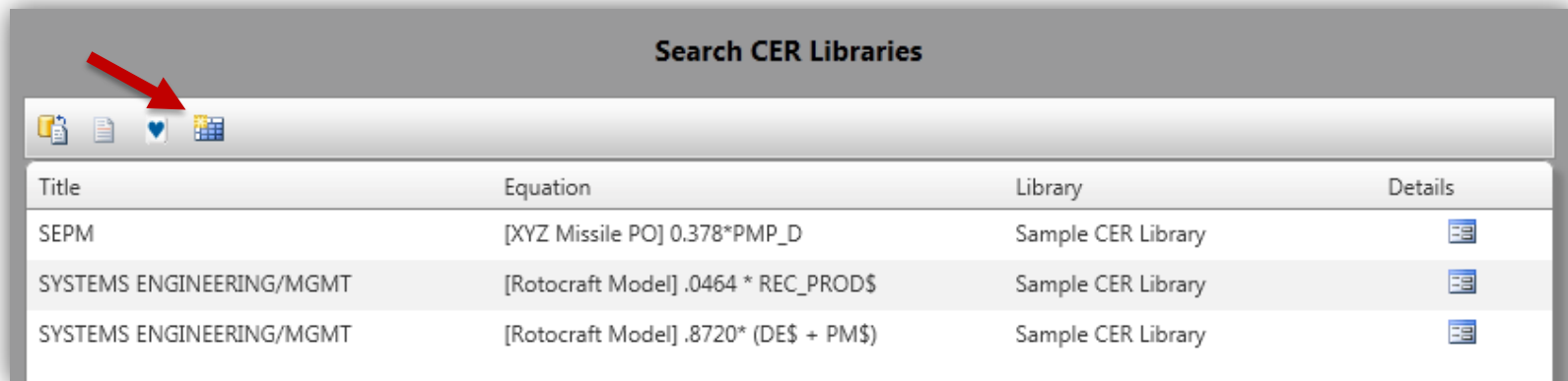
Keywords:




- Synthesizer
- Sys Engr/Proj Mngmnt
- Systems Test & Eval
- Tanks
- Telemetry, Trck & Ctrl



[View Previous](#)

- The CER Runner allows you to run the CER with sample inputs
 - Understand the sensitivity of the CER to various parameter inputs

A screenshot of the "Search CER Libraries" interface. At the top, there are four icons: a document, a file, a heart, and a grid. A red arrow points to the heart icon. Below the icons is a table with four columns: Title, Equation, Library, and Details. The table contains three rows of data.

Title	Equation	Library	Details
SEPM	[XYZ Missile PO] $0.378 * PMP_D$	Sample CER Library	
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] $.0464 * REC_PROD\$$	Sample CER Library	
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] $.8720 * (DE\$ + PM\$)$	Sample CER Library	



Run a CER

- The CER Runner is shown below in Non-Time Phased mode
- The interface consists of four main sections:
 - Model title – lists the CER and the CER or model description
 - Operational buttons – lists the properties, documentation, and other functions related to the CER
 - Model variables – shows the model output and input variables and their appropriation and units (if applicable)
 - Cases – accepts input values into the CER and shows the results upon calculation

Joint Integrated Analysis Tool

My Profile

PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | LINK LIBRARIES | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

JIAT Session - Session16

Save, Save As, Search, New, Export, Copy Sheet, Delete, Rename, Copy, Go To, Paste, Convert, Calculate, Add Case, Session Description, Provider Description, Model Definition

Model (Non-Time Phased): SYSTEMS ENGINEERING/MGMT
Description: [Rotocraft Model] .8720* (DE\$ + PM\$)
Provider: CER Runner Provider (1.0)

	VariableName	Appropriation	ModelUnits	ConvertFrom	Baseline	Lower Estimate
1	OUTPUT VARIABLES					
2	SYSTEMS ENGINEERING/MGMT Output				401.1200	348.8000
3	INPUT VARIABLES					
4	DE\$				120	100
5	PM\$				340	300

Non-Time Phased Sheet


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Pages 1

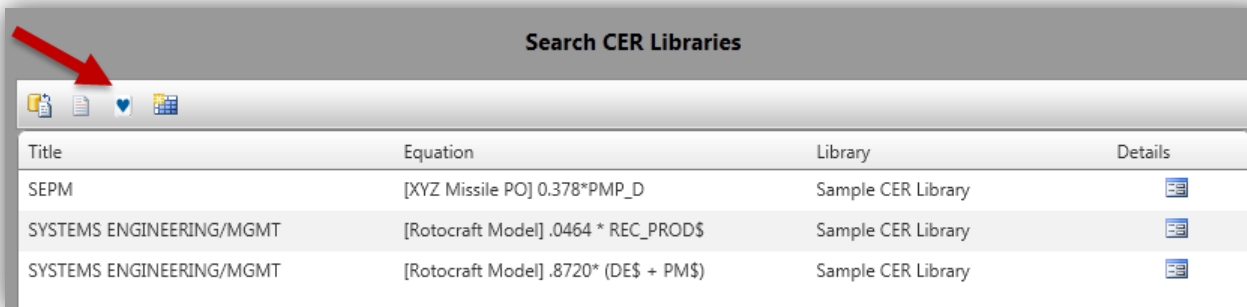







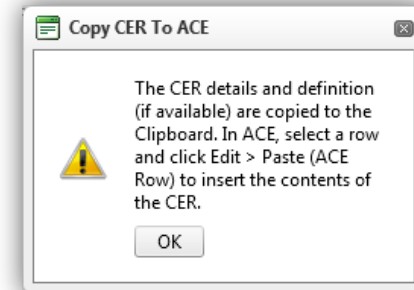
Exporting CERs to ACE

- CERs can be copied to ACE from the “Browse CER Libraries” or the “Search CER Libraries” pages
- Select a CER and click the ACE button ()

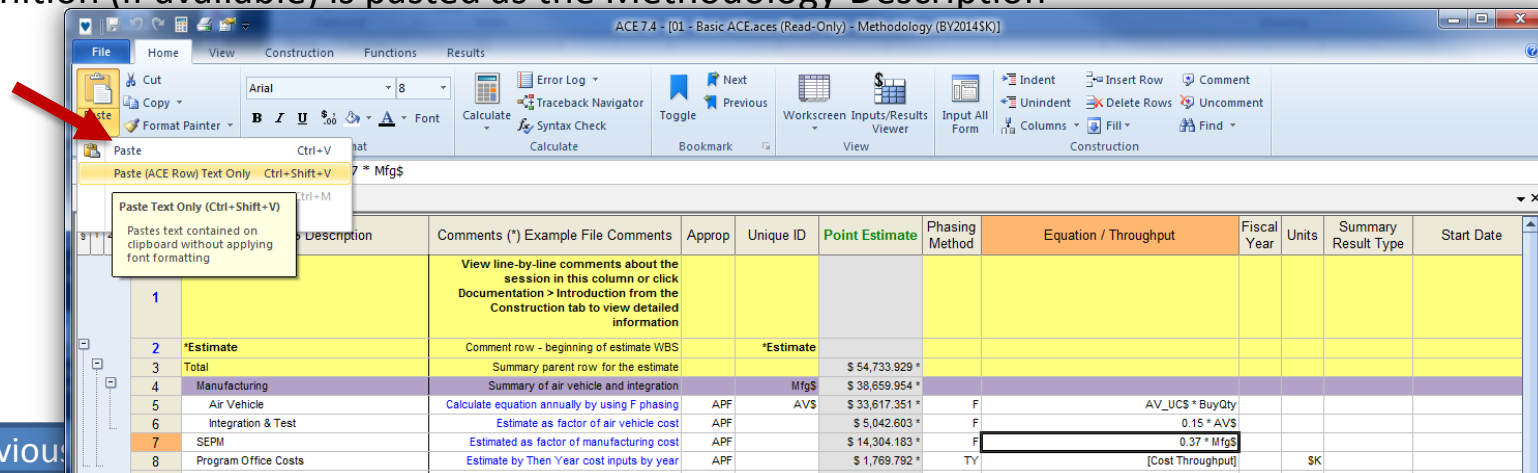
Search CER Libraries



Title	Equation	Library	Details
SEPM	[XYZ Missile PO] 0.378*PMP_D	Sample CER Library	
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .0464 * REC_PROD\$	Sample CER Library	
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .8720* (DE\$ + PM\$)	Sample CER Library	



- Within ACE on the Home Ribbon select Paste> Paste (ACE Row) Text Only
- The CER Equation is pasted in the Equation/Throughput column
- Any other details (such as the year and units) are pasted in the appropriate columns in ACE
- The model definition (if available) is pasted as the Methodology Description



ACE 7.4 - [01 - Basic ACE.aces (Read-Only) - Methodology (BY2014SK)]

File Home View Construction Functions Results

Paste (ACE Row) Text Only Ctrl+Shift+V

Description	Comments (*) Example File Comments	Approp	Unique ID	Point Estimate	Phasing Method	Equation / Throughput	Fiscal Year	Units	Summary Result Type	Start Date
1	View line-by-line comments about the session in this column or click Documentation > Introduction from the Construction tab to view detailed information									
2	*Estimate		*Estimate							
3	Total			\$ 54,733.929 *						
4	Manufacturing		Mfg\$	\$ 38,659.954 *						
5	Air Vehicle	APF	AVS	\$ 33,617.351 *	F	AV_UCS * BuyQty				
6	Integration & Test	APF		\$ 5,042.603 *	F	0.15 * AVS				
7	SEPM	APF		\$ 14,304.183 *	F	0.37 * Mfg\$				
8	Program Office Costs	APF		\$ 1,769.792 *	TY	[Cost Throughput]		\$K		

View Preview

JIAT



JIAT WEB LINK LIBRARIES

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Web Link Libraries

- ❖ JIAT web link libraries provide the JIAT user community the capability to create, browse, and search libraries of web addresses
- ❖ Different user groups can have access to individual libraries
- ❖ There are three possible sub-menus under the Link Libraries tab. Depending on your permissions, you may only see the first two
 - Browse Link Libraries – look through libraries and view/edit/add web links in new or existing libraries
 - Search Link Libraries – look for websites by keyword
 - Manage Keywords – add/edit a keyword (note that the Manage Keywords menu can be accessed only by users with the “KeywordAdmin” role)

For Official Use Only/Proprietary Data

JIAT

Joint Integrated Analysis Tool

My Profile ▾

PORTAL HOME | JIAT HOME | SEARCH DATABASES | SESSION | CER LIBRARIES | **LINK LIBRARIES** | DOCUMENT LIBRARIES | MULTIPLE RUN | MANAGE CONTENT | HELP

Browse Link Libraries
Search Link Libraries
Manage Keywords



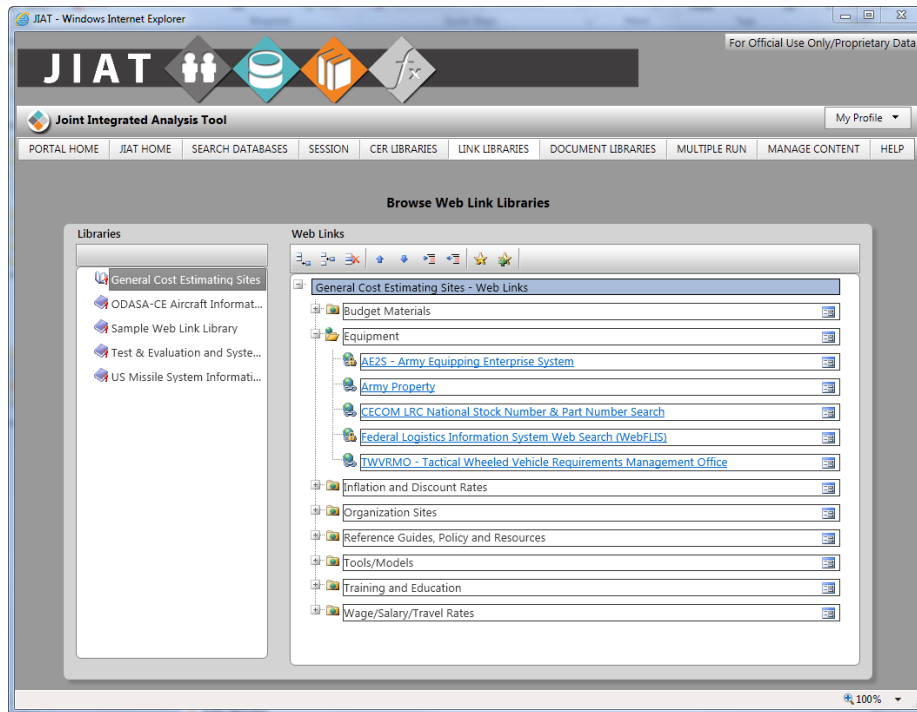
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JIAT Web Link Library Listings

General Cost Estimating Sites



- ❖ JIAT Includes three link libraries:
 - General Cost Estimating Sites
 - US Missile System Information
 - ODASA-CE Aircraft Information Deskbook
 - Test & Evaluation and System Engineering

- ❖ General Cost Estimating Sites:
 - Cost estimating information
 - Over 150 Sites

- ❖ Sites provide:
 - Policy and procedures
 - Best practices and guidance
 - Standards and methods
 - Organizational information
 - Reference Guides, Policy and Resources

- ❖ Excellent source for novice analysts to learn about cost estimation resources

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Commodity JIAT Link Libraries

ODASA-CE Aircraft Information Deskbook

- Sites provide images and information about aircraft and aircraft components
 - Includes Four Volumes
 - Helicopters and UAVs
 - Cargo, Surveillance and commercial planes
 - Fighter jet, Bombers and Aircraft Engines
 - Other Aircraft subcomponents and Trainers and simulators
- Excellent source to learn about military aircraft

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US Missile Systems

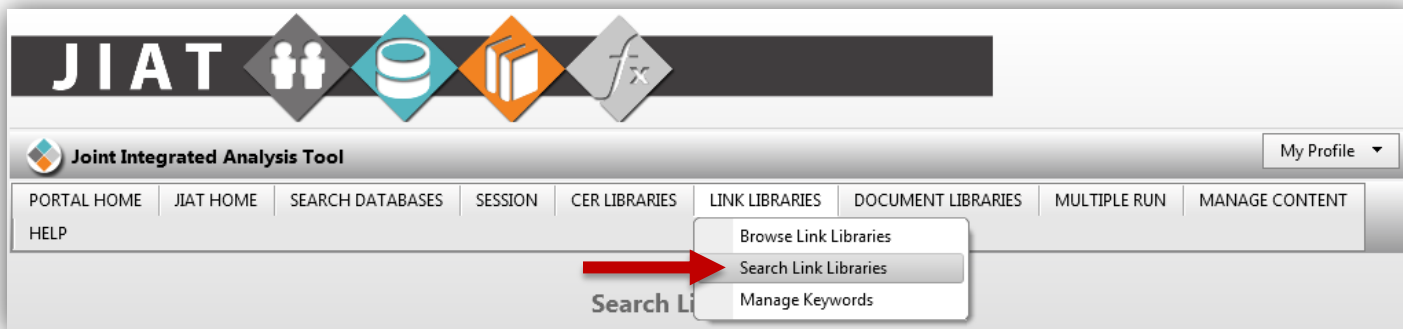
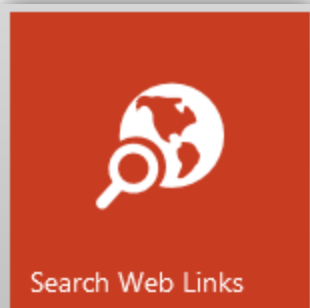
- List of sites that provide information and data on US Missile Systems
- Includes:
 - Technical data
 - System specification and objectives
 - Pictures and schematics
- Excellent source to learn about US Military Missiles
- Search by service, type, program name, and size



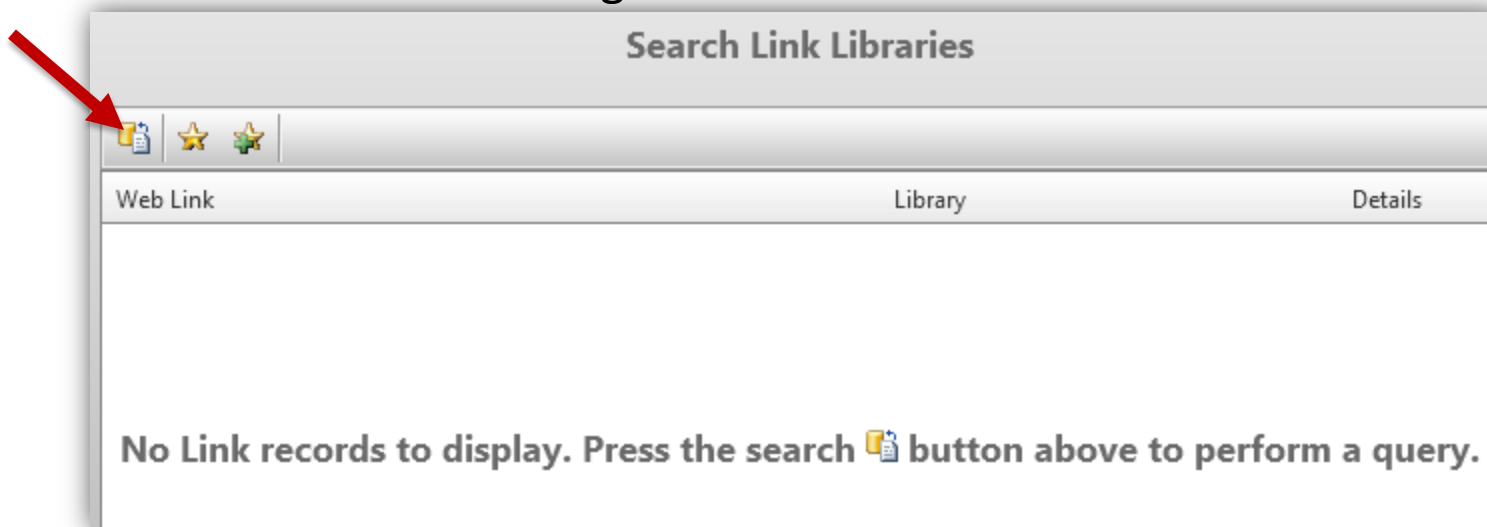


Search Web Link Libraries

- The Search Link Libraries menu item allows you to look for a link by keyword



- Click the Search button to begin



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Web Link Search Criteria

Specify search criteria

- Select one or more libraries to search
- Type any text contained within the link description
- Check any applicable keyword(s)

Link Search

Link Title:

Description:

Libraries

- General Cost Estimating Sites
- ODASA-CE Aircraft Information Deskbook
- Sample Web Link Library
- US Missile System Information

Search By: Any Keyword All Keywords

Keywords

- AAAM
- ACM
- Acquisition
- AGM
- AGM-114L
- AGM-131A
- ACET
- ACM-129A-B
- Affordability
- AGM-114A-F
- AGM-130
- AGM-154A

Check All Uncheck All

Check All Uncheck All

Search Close



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Web Link Search Results

- Results that meet all of the criteria specified are returned
- The results in this example all pertain to the “Army” keyword
- View the details or click on a link to launch the site
 - Site opens in separate web browser

Search Link Libraries		
Web Link	Library	Details
AKO - Army Knowledge Online	General Cost Estimating Sites	
RSIC - Army Redstone Scientific Information Center	General Cost Estimating Sites	
Army Enlisted Job (MOS) Descriptions at About.com US Militar	General Cost Estimating Sites	
PEO C3T - Program Executive Office Command Control Commu	General Cost Estimating Sites	
Redstone Arsenal	General Cost Estimating Sites	
Army Corps of Engineers	General Cost Estimating Sites	
Army Modeling and Simulation Office G8/CAA	General Cost Estimating Sites	
Army CECOM - Communications - Electronics Command	General Cost Estimating Sites	
TRADOC G8 (Resource Management)	General Cost Estimating Sites	
Army TACOM LCMC - Tank-Automotive Command: Life Cycle M	General Cost Estimating Sites	
Army Financial Management Cost & Performance Portal	General Cost Estimating Sites	
Army Property	General Cost Estimating Sites	
GFEBS - General Fund Enterprise Business System website	General Cost Estimating Sites	
Army Environmental Command	General Cost Estimating Sites	
Project Director for Joint Services: PEO Ammunition	General Cost Estimating Sites	

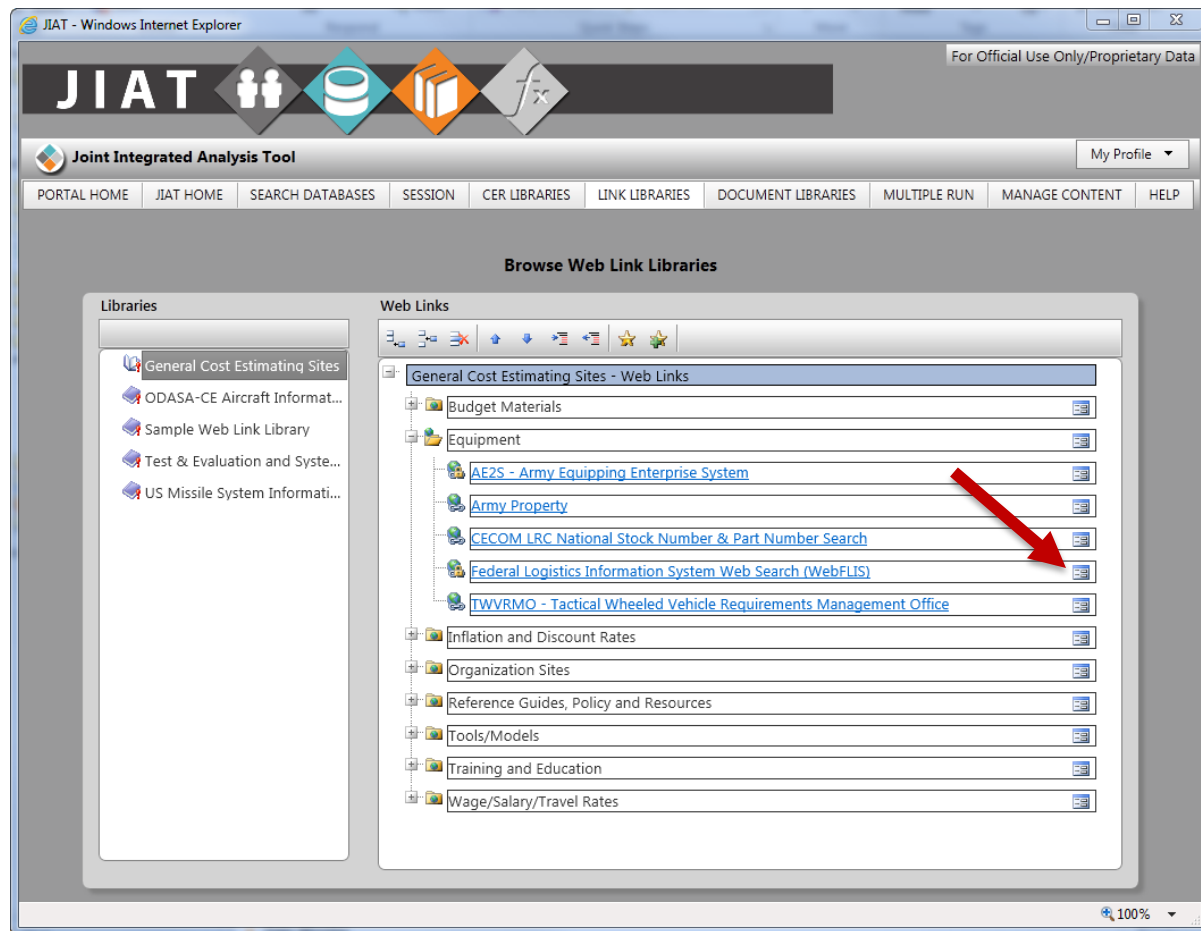
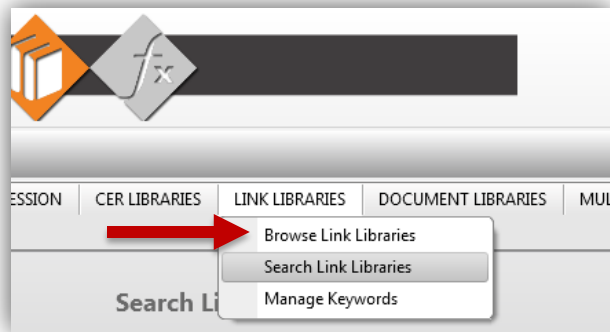
Page 1 of 3 Item 1 to 15 of 33




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Browse Web Link Libraries



- Libraries are listed on the left side of the page
- Web links within a library are listed on the right side
- Click a hyperlink to launch a site
- Click the Details button () to view information about the link



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Web Link Details

- The Link Details shows the following information:
 - Title – shows the title that appears in the link library listing
 - Link – lists the website address
 - Description – provides information about the website
 - Keywords – shows the keyword selections that allow users to search for a link by keyword

The screenshot shows a dialog box titled "Link Item Page" with the following fields and options:

- Title:** TWVRMO - Tactical Wheeled Vehicle Requirements Management Office
- Link:** http://www.cascom.army.mil/g_staff/cdi/fdd/tc/TWVRMO.html
- Description:** The Headquarters United States Army Training and Doctrine Command, Tactical Wheeled Vehicle Requirements Management Office (TWVRMO) Web Page. At this site you will find valuable information pertaining to the Army's tactical wheeled vehicle fleet.
- Keywords:** A list of checkboxes for various categories. A red arrow points to the "Wheel and Track Vehicles" checkbox, which is checked. Other visible keywords include IRADOL, UAV, WBS, XM, Training, UGM, Weapon Systems, XM898, Training Estimating, UGM-109A-D, XM982, Travel, and Uncertainty Analysis.
- Buttons:** Save and Cancel



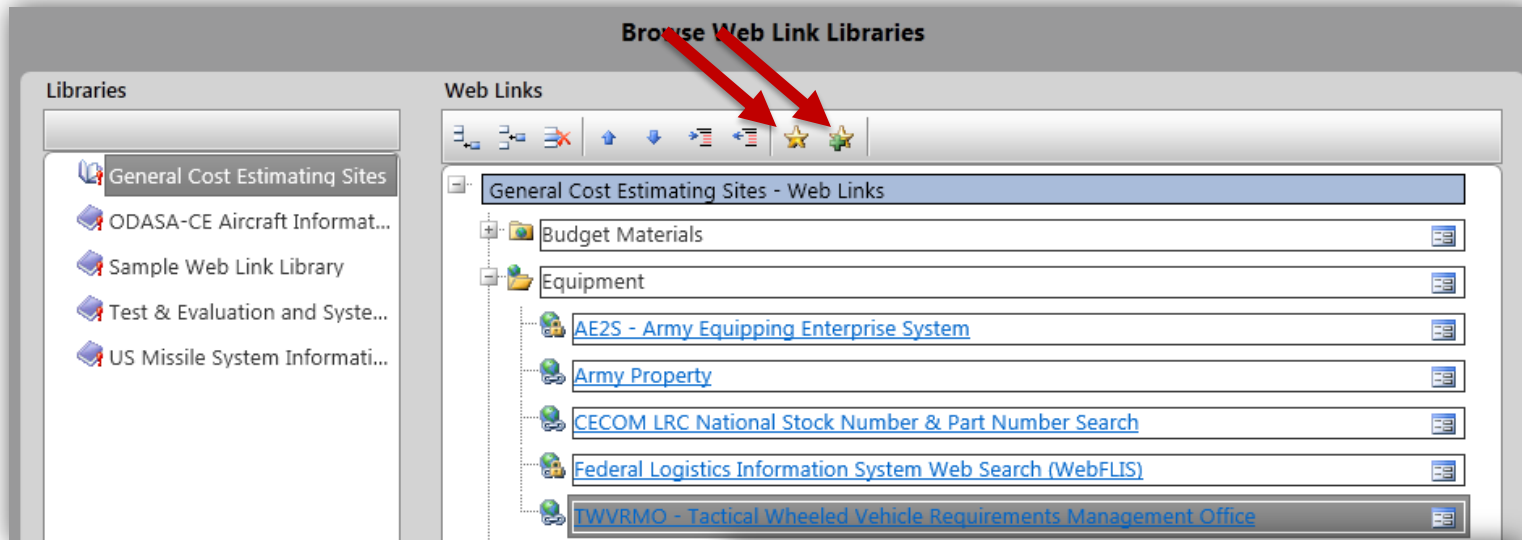
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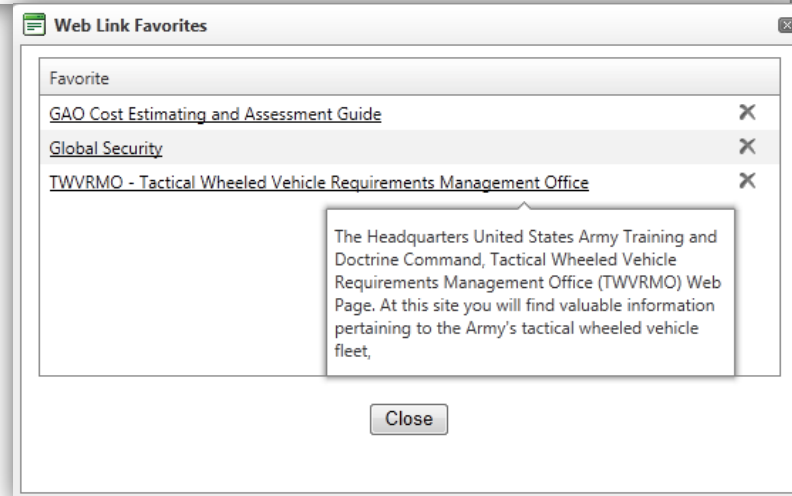


Favorite Web Links

➤ Add links to your favorite website listing by clicking the “Add Favorite” button (🌟)



➤ The list of your favorite websites can be viewed by clicking the “Web Link Favorites” button (🌟)



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JIAT



JIAT DOCUMENT LIBRARIES

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JIAT Document Libraries

- ❖ JIAT document libraries provide the JIAT user community the capability to create, browse, and search important files
- ❖ Libraries can be created for specific organizations to post and share files with other members of the group
 - Create document libraries for projects and working groups:
 - Real Example: ITE Library supports an AoA
 - ITE Working group starting to load study files
- ❖ There are four possible sub-menus under the Document Libraries tab. Depending on your permissions, you may only see the first two
 - Browse Document Libraries – look through libraries and view/edit/add documents in new or existing libraries
 - Search Document Libraries – look for files by keyword
 - Manage Keywords – add/edit a keyword (note that the Manage Keywords menu can be accessed only by users with the “KeywordAdmin” role)
 - Manage Document Types – add/edit a document type (e.g. AoA, ICE, CARD etc.)

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JIAT Website Users Library



- The JIAT Website Users Library shares important JIAT related documents and support information

- Library includes:

- Brown Bag Presentations
 - PowerPoint files that summarize important features in JIAT
- Newsletters
 - News and events published at the end of each month
- JIAT Overview Information and Content Summary
 - General information on the JIAT mission, capabilities and data warehouse content
- Templates
 - Excel model hosting template
- Support Alerts and Knowledge Base Articles
 - Discuss known issues and work-around solutions
- New User Files
 - Information to help users set up their browser
- Training Files
 - Starting and Resulting files for the JIAT Training Class
- ACDB Import Guide
 - Written for ACDB Database Administrators (DBA's) to understand the process of preparing and uploading an ACDB database to JIAT



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Navigating a Documents Library

- Libraries lists all libraries user has permission to
- Documents in library can be organized into folders
- Click the Document Description icon to view information about the file
- Click the Document Name hyperlink to download the file

Browse Document Libraries

Libraries

- CKB Analytical Tools Library
- ITE
- JIAT Website Users Library**
- ODASA-CE Cost Studies
- Policy and Guidance Library
- Training ALG 123 Working...
- US Army Environmental Co...
- USMC LRFS Tool Distribution

Documents

- JIAT Website Users Library - Documents
 - Brown Bag Presentations
 - Newsletters
 - JIAT Overview Information
 - JIAT Content Summary
 - Templates
 - Support Alerts and Knowledge Base Articles
 - New User Files
 - Training
 - Release Notes
 - ACDB Import Information and Tools



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Working Group Libraries

- Working group and study teams can create a JIAT documents library to organize and archive relevant study documents to team member access securely
- Contact JIAT support to request a new library
 - Provide the following information:
 - Library Name
 - Library Administrators (Which user(s) can add and edit documents?)
 - Library Users (Who can view and download documents?)
- Example shows beginning of the ALG 123 document library

Browse Document Libraries

Libraries

- ITE
- JIAT Website Users Library
- ODASA-CE Supplemental Tr...
- Training ALG 123 Working G...

Documents

- Training ALG 123 Working Group - Documents
 - ALG 123 Description
 - Department of the Army Technical Bulletin - Hand Portable Fire Extinguishers

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Searching Documents Libraries

Select Search  icon to launch Search

Enter Search Criteria – Search by:




- Document Type
- Doc #
- File Extension
- Publish Date
- Keywords
- Text in Title or Description

Search list shows all the documents that meet the search criteria

Select the Document Description Icon to view additional details about the document

Select the Document Name hyperlink to download the document

Search Document Libraries

ext	Document Name	Type	Doc #	Publish Date	Description	Upload Date	Size	Library Title
	JIAT Training Course Starti...	Other		1/22/2014 7:55:42 PM	Contains the s...	78 KB	JMAT Website Users Library	
	JIAT Training Course Resul...	Other		1/22/2014 8:02:12 PM	This zip file in...	368 KB	JMAT Website Users Library	
	JIAT Quick Start Guide	User Guide		Sep 2013	Describes the ...	5 MB	JMAT Website Users Library	
	ALG 123 Description	System Des...		Sep 2013	This presentat...	722 KB	Training ALG 123 Working ...	
	JIAT Newsletter Oct 2013	Newsletter		Oct 2013	This month's ...	557 KB	JMAT Website Users Library	

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JIAT



JIAT WEB MODELS

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Web Models

- ❖ JIAT allows what-if drills to be run with Excel, or ACE models
- ❖ Working with web models can help you:
 - Set up a location for stack-holders to run focused What-if drills with an ACE or Excel estimate
 - Understand cost drivers in a model
 - Provide rough order of magnitude estimates on basic components
 - Understand the technical characteristics associated with various hardware and software objects
- ❖ What-if drill results can be viewed in different base years and units
- ❖ The Input Conversion feature allows the user to enter inputs in units other than the model units
- ❖ The structure of models posted to JIAT cannot be changed when running what-if drills
- ❖ The original model file can be downloaded if the download option was selected at the time the model was posted to JIAT (see the Manage Content slides for more detail)



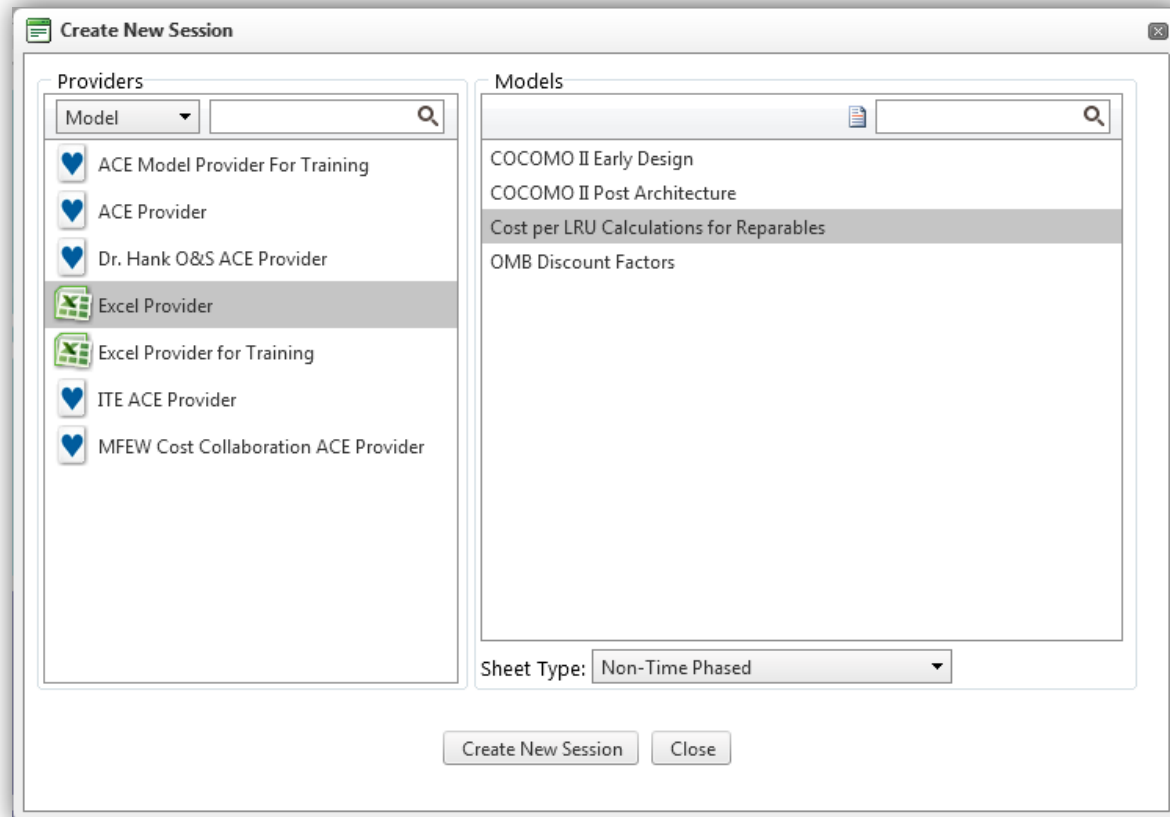
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Accessing Web Models

- ❖ New Session dialog used to set up database queries **and** select web models for what-if running
- ❖ Models organized in separate model provider folders

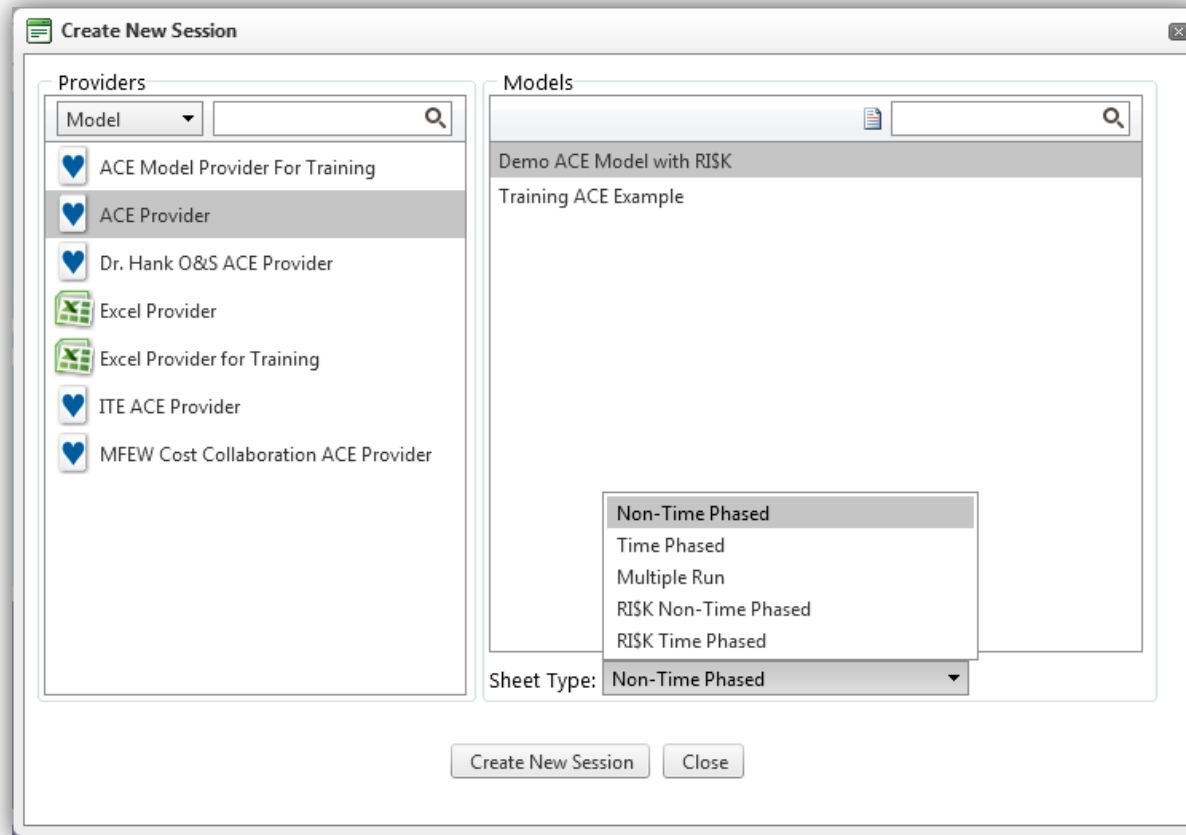




Web Model Sheet Type Options

The sheet type options in JIAT are:

- Non-Time Phased
 - Calculate a single total result
 - Can contain various what-if cases
- Time Phased
 - Calculate a phased result with results for multiple fiscal years
- Multiple Run
 - Run a range or list of inputs through a model in a batch mode
- RISK Non-Time Phased
 - Calculate a model with RISK
- RISK Time Phased
 - Calculate a model with time phased RISK allocated results



A model may support some or all of the above sheet types



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Run Web Models from JIAT Session Page

Page

- Models run in the Session Page like the Database Queries
- Each Model Run is set up as a separate sheet/tab in the Session
- Use Ribbon to Add Cases, Calculate Cases and view results in different Base Year or RI\$K results
- Example Time Phased result:

Save, Save As, Search, New, Export, Delete, Rename

Copy Sheet, Manage, Copy, Go To, Cut, Choices, Paste, Convert

Calculate

Base Year: 2010, Cost Units: \$K, Results: Base Year

Session Description, Provider Description, Model Definition

Model (Time Phased): Training ACE Example
Description: This is an ACE Example for JIAT Training
Provider: ACE Provider (1.0)

	VariableName	Appropriation	ModelUnits	ConvertFrom	Total	2006	2007	2008
1	OUTPUT VARIABLES							
2	Total				\$131,410.0457	\$16,483.5408	\$16,480.3934	\$49,179.1513
3	Manufacturing				\$95,507.8836	\$11,938.4855	\$11,938.4855	\$35,815.4564
4	Air Vehicle	3010			\$83,050.3336	\$10,381.2917	\$10,381.2917	\$31,143.8751
5	Integration	3010			\$12,457.5500	\$1,557.1938	\$1,557.1938	\$4,671.5813
6	SEPM	3010			\$35,337.9169	\$4,417.2396	\$4,417.2396	\$13,251.7189
7	Other	3080			\$564.2452	\$127.8158	\$124.6683	\$111.9761
8	Air Vehicle Unit Cost	3010			\$10,381.2917			
9	INPUT VARIABLES							
10	Air Vehicle Buy Quantity		unt		8.0000 *	1.0000 *	1.0000 *	3
11	Air Vehicle Takeoff Weight (lbs)		lb		12000.0000 *			
12	Air Vehicle Range (nmi)		nmi		300			

Time Phased Sheet

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JIAT Points of Contact

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– Rex Stone – JIAT Project Leader

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Tecolote – Contractor

– Melissa Cyrulik – Project Director

- mcyrulik@tecolote.com



Creating a JIAT Account

Visit <https://www.awps.army.mil/> to request a JIAT account

- Select “New User Request” and complete the form
- Once the account is approved, return to the AWPS site and follow the portal to JIAT
- Modify Internet Explorer settings as described in the “Requesting a JIAT Account” file located the JIAT Site Administration Document Library

Welcome to the US Army web application environment. Authorized users will have access to web based applications used to manage Maintenance, Logistics, Budgeting, and Workload and Performance for several US Army, National Guard, and Army Reserve activities.

Only UNCLASSIFIED use of this system is allowed.

QA Testing Environment

eAWPS User ID:

Password:

PKI Issuer: DOD CA-15
PKI Subject: USER.JOE.0123456789
Valid From: 4/22/2008
Valid Until: 8/19/2008 11:59:59 PM

[Forgot your password?](#)

Powered By AKO Authentication **AKO ARMY ONLINE**

Instructions: AKO CAC access to eAWPS is available only after you register your **AKO account** with your **eAWPS account** and your AKO account has your **CAC** registered to it. To initiate this registration please login normally then click the "Account Information" link for more instructions.

If Error Occurs: When AKO Authentication fails, you may receive a white Error page with message. If this occurs please try again later. If you are having consistent failures using this AKO CAC Login option, please contact the [eAWPS Helpdesk](#).

Access to this web environment requires that you always use the same PKI Certificate that is registered to your eAWPS account. If the above PKI Certificate is different from the one you previously registered with eAWPS please [click here for more instructions](#).

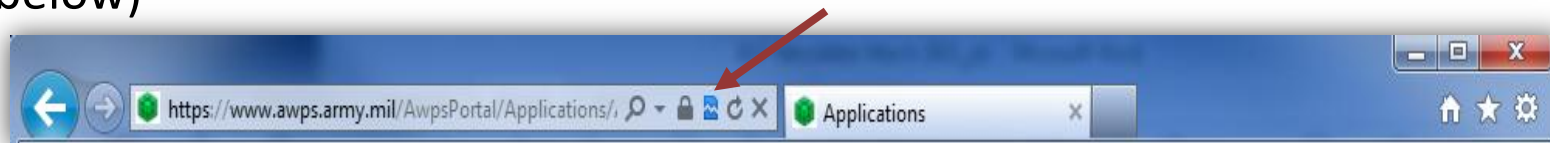
If you need assistance please contact the [eAWPS Helpdesk](#).





Tips for Working in Internet Explorer (IE)

- ❖ Sometimes the JIAT website doesn't look normal. It may appear to have out of place menus, images, or text boxes. What's going on?
- ❖ Army.mil sites may be set on your machine to run in Compatibility mode
- ❖ JIAT no longer requires Compatibility mode for IE 9, 10 and 11
 - Compatibility mode is identified with the broken page icon (highlighted below)



- ❖ If you are having trouble viewing JIAT web pages and you see the Compatibility icon, Compatibility mode needs to be turned off.
- ❖ You can adjust your Capability View Settings as follows:
 1. Run Internet Explorer
 2. Select "Compatibility View Settings" from the "Tools" menu
 3. Click on "army.mil" in the "Websites you've already added to Compatibility View" list
 4. Click "Remove" followed by "Close"





Learn More About JIAT

JIAT Training – 2 Day Class

- Courses Sponsored by DASA-CE
- Government students only
- Contract Rex Stone:
rex.t.stone.civ@mail.mil

JIAT Newsletters

- Emailed to account holders
- Archived in the website - JIAT Website Users Document Library

Supplemental Guides

- Documents detailing library administration

Exercise Scenario

Prototype Army Helicopter: Algonkian – ALG-123

- Estimate: Analysis of Alternatives (AoA)
 - AoA during Milestone A
 - AoA focuses on LCCE costs
- Estimate Requirements
 - Construct a Life Cycle Cost Estimate
 - Run AoA What If Drills
 - Organize all files in shared environment for estimating team
- Some work has been completed prior to your start on this project. You can use the ACE or Excel formats already set up.
 - ACE – JIAT245_ALG123_ACE_Starting_File.aces
 - Excel – JIAT245_ALG123_Excel_Starting_File.xls
- **To Download the Course Files: Press Browse Documents Rectangle**
 - Select the JIAT Website Users Library
 - Expand the Training folder
 - Download the Course Starting Files Zip file
 - Save the files to your Desktop

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JIAT Document Library: Development Guide

Prepared for DASA-CE as part of the JIAT Project

Guide Author: Melissa Curiale

Revision Date: 28 January 2015

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Joint Integrated Analysis Tool (JIAT)
Quick Start Guide
Version 2.4.5
October 2014



JIAT-2.4.6 Released
March 2015

Issue #55 – March 2015

JIAT-2.4.6 is here! This update delivers improvements to JIAT queries and eliminates Internet Explorer (IE) Compatibility settings. Each new feature is discussed in this edition of the Newsletter. Specifically, the release includes the following new features:

- Added Provider Direct Navigation Links
- New Batch Database Queries
- Removed requirement for IE Compatibility Mode

Requires Action in your Browser Settings (see page 3)

OMB Discount Rates are updated in JIAT-2.4.6 (as of 21 Jan 2015)

Section Break (Continuous)

One of JIAT's missions is to expose novice cost estimators to new data sources from a single sign-on location.

JIAT exposes estimators to a wide range of data types available in popular estimating databases in a standardized format, making it easier to obtain and use.



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JIAT Related Acronym List

ACAT	Acquisition Category	CPER	Cost Performance Estimating Relationship
ACDB	Automated Cost Database	CPR	Contract Performance Report
ACE	Automated Cost Estimator	CSDR	Cost and Software Data Reporting
ACEIT	Automated Cost Estimating Integrated Tools	CY\$	Constant Year Dollars
ACM	Army Contingency Operations Cost Model	DAES	Defense Acquisition Executive Summary
ACWP	Actual Cost Work Performed	DAMIR	Defense Acquisition Management Information Retrieval
AMCOS	Army Military-Civilian Cost System	DBA	Database Administrator
AoA	Analysis of Alternatives	DCARC	Defense Cost and Resource Center
APB	Acquisition Program Baseline	DEC	Dynamic Equation Column
APPN	Appropriation	DLA	Defense Logistics Agency
AUPC	Average Unit Production Cost	DoD	Department of Defense
BY\$	Base Year Dollars	EO/IR	Electro-Optic/Infra-Red
CAC	Common Access Card	ESCM	End Strength Cost Model
CARD	Cost Analysis Requirements Document	FCG	Facility Category Group
CBA	Cost Benefit Analysis	FCHR	FUNCTIONAL COST-HOUR REPORT
CER	Cost Estimating Relationship	FCM	FORCES Cost Model
CES	Cost Element Structure	FLIS	Federal Logistics Information System
CFH	Cost and Factors Handbook	FORCES	Force and Organization Cost Estimating System
CKB	Capabilities Knowledge Base	FRP	Full Rate Production
CONOPS	Concept of Operations	FSC	Federal Supply Classification
CONS	Consumables		
CO\$TAT	Cost Analysis Statistics Package		

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JIAT Related Acronym List (cont.)

◆ FTE	Full Time Equivalent	◆ PCS	Permanent Change of Station
◆ GAO	Government Accountability Office	◆ PNO	Program Number
◆ JIAT	Joint Integrated Analysis Tool	◆ POE	Program Office Estimate
◆ LCCE	Life Cycle Cost Estimate	◆ POL	Petroleum, Oils And Lubricants
◆ LIN	Line Item Number	◆ POM	Program Objectives Memorandum
◆ LRE	Latest Revised Estimate	◆ PPBE	Planning Programming Budgeting and Execution
◆ LTC	Lot Total Cost	◆ REPS	Repairable
◆ MACOM	Major Command	◆ SAR	Selected Acquisition Reports
◆ MAIS	Major Automated Information Systems	◆ SCA	Standard Capability Architecture
◆ MDAP	Major Defense Acquisition Program	◆ SEC DEF	Secretary of Defense
◆ MDS	Major Design Series	◆ SEPM	System Engineering Program Management
◆ MOS	Military Occupational Specialty	◆ SR	Submit Review
◆ NCS	NATO Codification System	◆ SRC	Standard Requirements Code
◆ NIIN	National Item Identification Number	◆ TOE	Table of Organization and Equipment
◆ NSN	NATO Stock Number	◆ TY\$	Then Year Dollars
◆ ODASA-CE	The Deputy Assistant Secretary of the Army for Cost and Economics	◆ VAMOSOC	Visibility and Management Operating and Support Costs
◆ OIPT	Overarching Integrated Project Team	◆ WBS	Work Breakdown Structure (WBS)
◆ OM	Operations and Maintenance	◆ WebFLIS	Federal Logistics Information System Web
◆ OMB	Office of Management and Budget		
◆ OSD	Office of the Secretary of Defense		
◆ OSMIS	Operating and Support Management Information System		



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