



Joint Integrated Analysis Tool (JIAT) Quick Start Guide

Version 3.0.1

April 2016





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 screenshot illustrates the login process for the JIAT website. It shows three overlapping browser windows:

- Top Window (AWPS Portal):** The URL is <https://www.awps.army.mil/ap>. The page title is "AWPS ARMY WORKLOAD AND PERFORMANCE SYSTEM". A red arrow points to the "JIAT Portal" link under the "Applications" section.
- Middle Window (JIAT Portal):** The URL is <https://jiat.awps.army.mil/JiatPortalWeb/Pages/MainPage.aspx>. The page title is "JIAT PORTAL". A red arrow points to the "JIAT" application button under the "Applications" section.
- Bottom Window (JIAT Application):** The URL is "JIAT - Windows Internet Explorer". The page title is "Joint Integrated Analysis Tool". The page features a navigation menu with tabs: PORTAL HOME, JIAT HOME, SEARCH DATABASES, SESSION, CER LIBRARIES, LINK LIBRARIES, DOCUMENT LIBRARIES, MULTIPLE RUN, MANAGE CONTENT, and HELP. The main content area includes a search bar, a "Run Queries" button, and 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." Below this are buttons for "DAMIR", "CKB", "AMCOS", "Search Databases", "Browse CERs", and "Search Web Links".



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JIAT



INTRODUCTION



Introduction

Joint Integrated Analysis Tool (JIAT) provides a common platform to access, store, and share data to support cost analysis

One – Stop – Shop Data Resource

- Brings Data to the Analyst via a CAC-enabled web-based application
- Available to government analysts only
- Administered by ODASA-CE and Tecolote Research

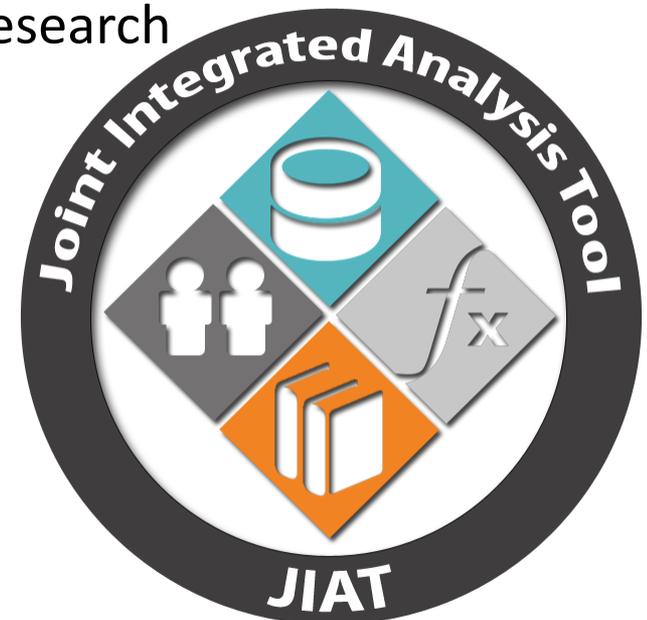
JIAT brings together:

 The Analyst

 Databases

 Libraries

 Models





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

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



Libraries

750 CERs
700 Web Links
150 Documents

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

Models

Run ACE What Ifs
Run Excel What Ifs





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 10 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



Use JIAT Dashboard to Access Content

Select Tile to access content

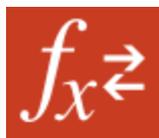




Two General Ways to Access Content

❖ 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



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, Crew data and Demilitarization



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)





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:

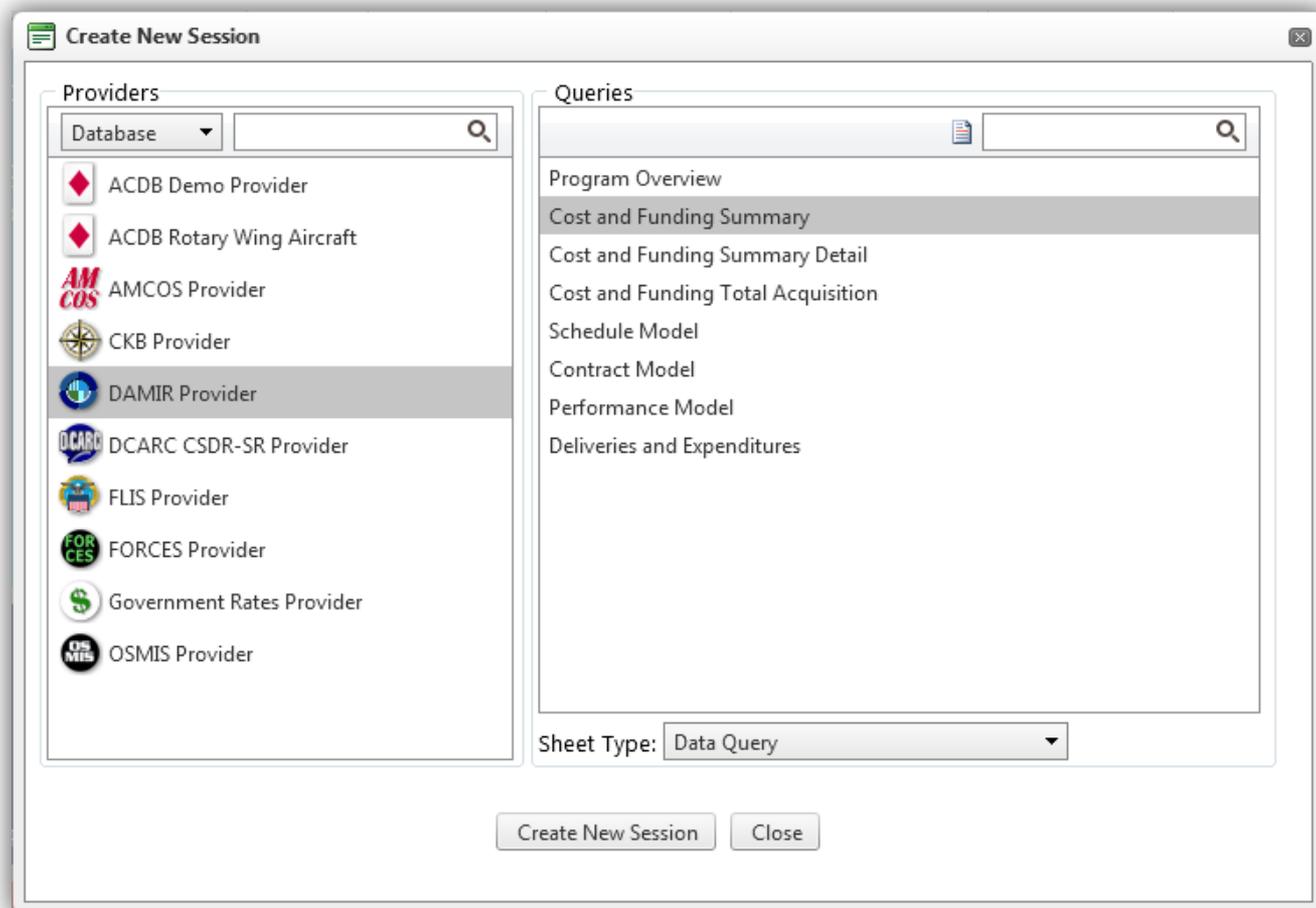
- Program/System
- Contractor Information
- Part Name/Number

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 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, New, Export, Delete, Rename, Copy Sheet, Manage, Copy, Goto Row, Run Query, Costs: Then Year, Cost Units: SM, 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	FY1983	FY1984	To Complete	Total
1	Service	Army	RDTE					
2	Active Status	Active Only	Procurement					
3	Program	148 - PAC-3	POM Total					
4	Data Source	DAES/Web Services	Development Qty					
5	Subprogram	Missile Segment	Production Qty					
6	Start Year	1983	POM Total Qty					
7	End Year	1984						

Data Query Sheet

Pages 1





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

The screenshot shows the Joint Integrated Analysis Tool interface. A red box highlights the ribbon area, with a red arrow pointing to the 'Run Query' button. Below the ribbon, the model information is displayed: 'Model (Data Query): Cost and Funding Summary' and 'Description: This model provides a summary of Cost and Funding POM and DAES/Web Services program data'. The 'Query Inputs' table is shown with 7 rows of data. The 'Query Results' table is also shown with 4 columns: Variable, Prior, FY1983, FY1984, To Complete, and Total. The 'Query Results' table is currently empty.

Query Inputs		
	Name	Value
1	Service	Army
2	Active Status	Active Only
3	Program	148 - PAC-3
4	Data Source	DAES/Web Services
5	Subprogram	Missile Segment
6	Start Year	1983
7	End Year	1984

Query Results					
4 Variable	Prior	FY1983	FY1984	To Complete	Total
RDTE					
Procurement					
POM Total					
Development Qty					
Production Qty					
POM Total Qty					





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*	366 - Excalibur
4 Data Source*	DAES/Web Services
5 Subprogram*	EXCALIBUR
6 Start Year*	2010
7 End Year*	2013

*Required [4 Records](#) Run Query Reset Cancel

	Service	Programs	Data Source	Subprogram	FiscalYear
1	Army	366 - Excalibur	DAES/Web Services	EXCALIBUR	2010
2	Army	366 - Excalibur	DAES/Web Services	EXCALIBUR	2011
3	Army	366 - Excalibur	DAES/Web Services	EXCALIBUR	2012
4	Army	366 - Excalibur	DAES/Web Services	EXCALIBUR	2013

Copy Close





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

JIAT Session - Session104

<p>Session</p>	<p>Sheet</p>	<p>Edit</p>	<p>Queries</p>	<p>Costs: Then Year Cost Units: \$M</p> <p>Properties</p>	<p>Documentation</p>
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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	FY2010	FY2011	FY2012	FY2013	To Complete	Total
1	Service	Army	RDTE							
2	Active Status	Active Only	Procurement							
3	Program	366 - Excalibur	POM Total							
4	Data Source	DAES/Web Services	Development Qty							
5	Subprogram	EXCALIBUR	Production Qty							
6	Start Year	2010	POM Total Qty							
7	End Year	2013								





Run Query Series in Batch Mode

- ❖ 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
- ❖ Batch queries are marked with a double drum icon
- ❖ Ex: FORCES Equipment Batch with LIN - runs all FORCES queries with LIN Input at once

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

The screenshot illustrates the process of selecting a batch query. In the 'Create New Session' dialog, the 'FORCES Provider' is selected, and the 'FORCES Equipment Batch Query' is chosen from the 'Queries' list. The 'Data Query Inputs' dialog shows the input values for the selected query, with the 'Enter Query Variable Value' dialog open for the second row, displaying a list of values: H48500, H48896, H48904, H48911, and H48918.



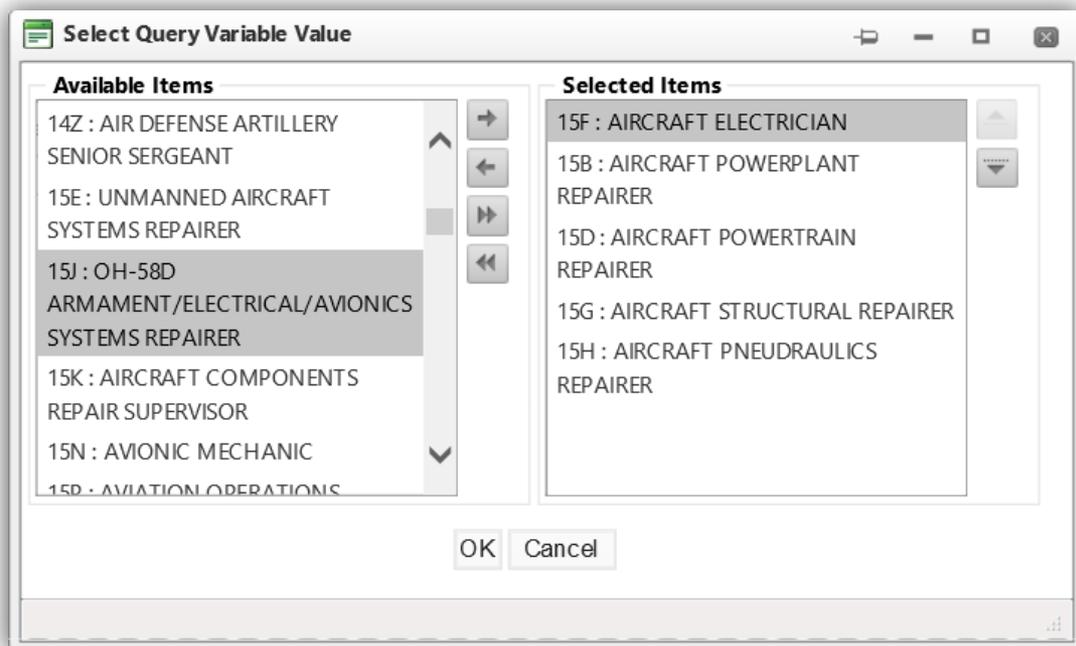


Query Multiple Inputs in Batches

- ❖ JIAT Ordered Batches query multiple inputs in a single query run
 - Example AMCOS Ordered Batch MOS Query
 - Select Multiple Sub Group MOSs by Pay Plan

❖ Add/Remove and Reorder MOSs from Pay Plan Group

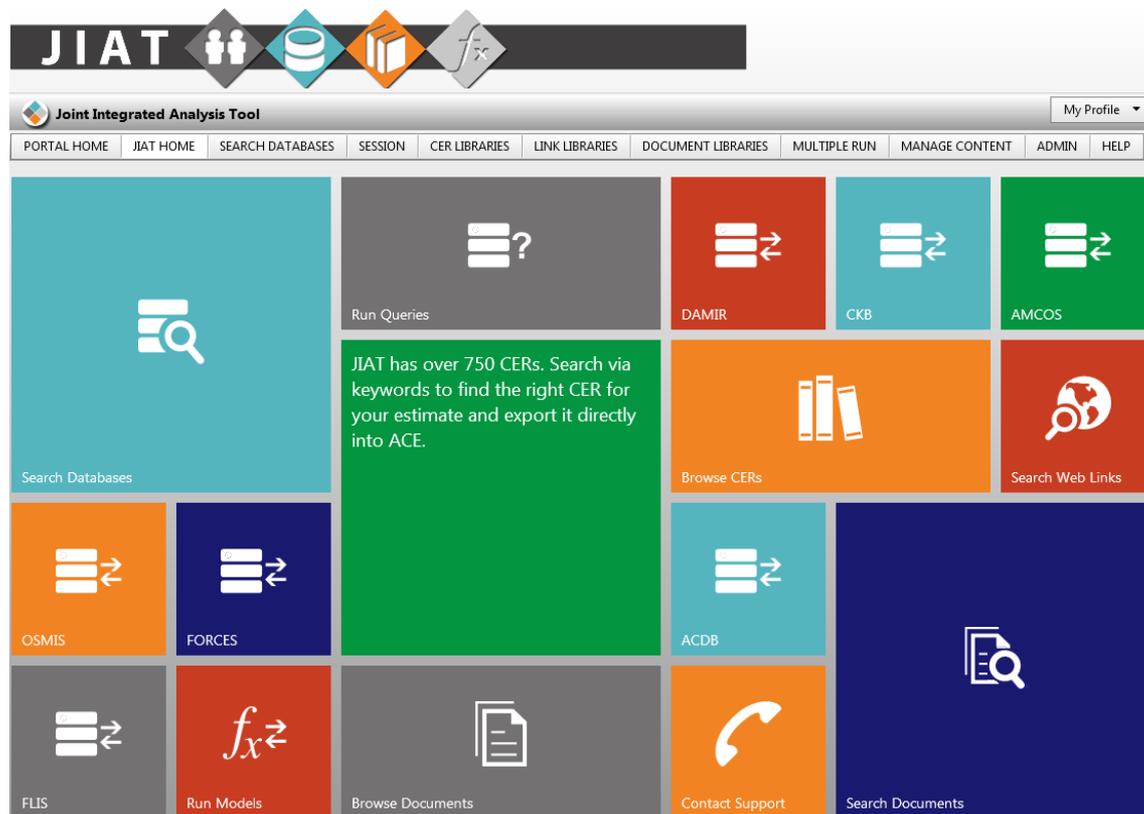
❖ Best approach to export multiple MOSs to ACE Estimate!





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



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

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





ACDB Databases Hosted on JIAT

- All Army sponsored ACDB databases are available through JIAT

JIAT ACDB Provider	ACDB Database	Service
Air Force Cost Factors 2006 & 2009	ESC Command, Control, Communications, Computers Intel Database	Air Force Electronics Systems Command
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



JIAT

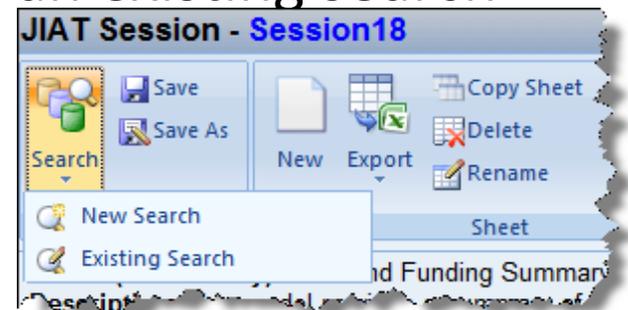
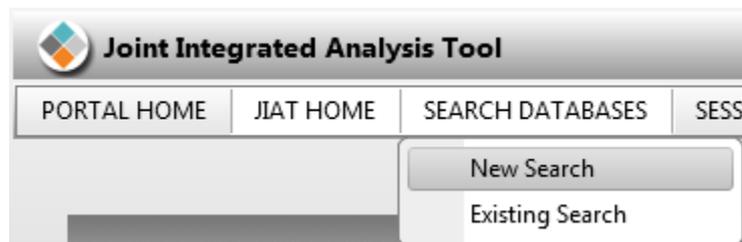
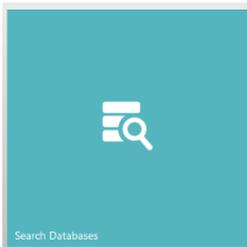


SEARCH JIAT DATABASES



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





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.





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

JIAT Session - Session18

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 table
Provider: CKB Provider (as of 6/6/2012)

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	

- 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



JIAT

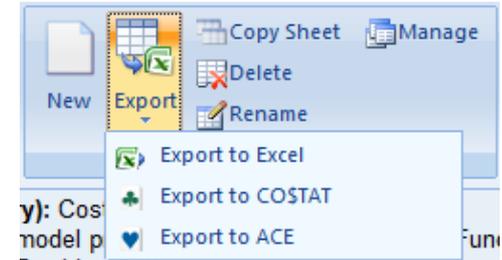


EXPORT JIAT DATABASE CONTENT



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





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

DAMIR PNO 202 - Microsoft Excel

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		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						





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

Query a Database

Export to CO\$TAT

Analyze the Dataset

Develop Equations

Export the Equations to ACE

Learning Analysis for Dataset Sheet1, Case 1
Wednesday, 29 August 2012, 10:30 am

I. Model Form and Equation Table

Model Form:	Unweighted Learning Curve (Unit Theory)
Number of Observations Used:	9
Equation in Unit Space:	UNIT_COST =
IT:	
Quantity Slope:	
Dependent Variable:	Production
Quantity Variable:	First Unit and Last Unit Variables

II. Fit Measures (in Fit Space)

Coefficient Statistics Summary

Variable	Coefficient	Std Dev of Coef	Beta Value	T-Statistic (CoeF/SD)	P-Value	Prob Not Zero
Intercept						
CUM_QTY						

Goodness-of-Fit Statistics

Std Error (SE)	R-Squared	R-Squared (Adj)	Pearson's Corr Coef



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

The screenshot shows the JIAT software interface. On the left, a 'Data Query Sheet' displays a table with columns for Name, Value, APPN, and Military. On the right, an ACE estimate table is shown for '01 - Basic A...y (BY2012\$K)'. A blue callout box points to the 'Export to ACE' option in the JIAT menu, with the text 'Export data query results to ACE'. Another blue callout box points to the '2013' value in the ACE table, with the text 'Include Database results in Session'.

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							
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	



JIAT



JIAT LIBRARIES



JIAT Libraries Summary

- ❖ JIAT Libraries focus on three areas: CERs, Web links, and Documents
- ❖ CER Libraries
 - ODASA-CE currently hosts several libraries across multiple commodities
 - Libraries compiled by ODASA-CE staff from various cost research studies sponsored by ODASA-CE
 - Library titles
 - ODASA-CE Aircraft and Unmanned Aircraft Systems
 - ODASA-CE C4ISR
 - ODASA-CE Combat Vehicles
 - ODASA-CE Future Combat Systems O&S
 - ODASA-CE Ground Vehicles Library
 - ODASA-CE Missile Blue Book
 - ODASA-CE Missiles Library
 - USASMDC Ground Based Interceptor
- ❖ Web Link Libraries
 - Organizes commonly used cost estimating and military technology websites
- ❖ Document Libraries
 - Provides secure space for groups to manage their estimate documents



JIAT

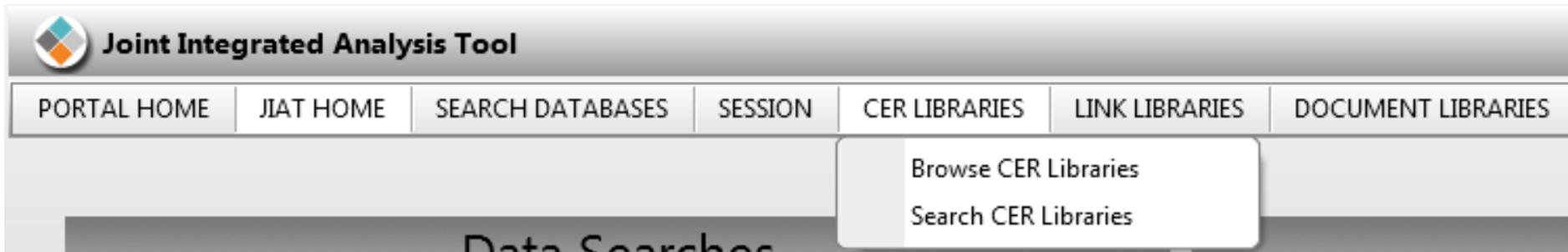


JIAT CER LIBRARIES



CER Libraries

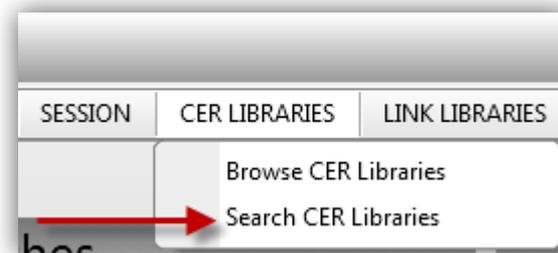
- ❖ JIAT includes the ability to host CER libraries
- ❖ CERs can be loaded into JIAT by users with contribution privileges
- ❖ CER listings can be organized in various libraries
- ❖ Different user groups can have access to individual libraries
- ❖ There are three possible sub-menus under the CER Libraries 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)





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



JIAT - Joint Integrated Analysis Tool User: Roles: Administrator, KeywordAdmin, Analyst, SequenceBuilder

Home Session ▾ CER Libraries ▾ Link Libraries ▾ Documents Library Multiple Run ▾ Model Sequence ▾ Manage Content Maintenance ▾ Help ▾ Log Off

Search CER Libraries

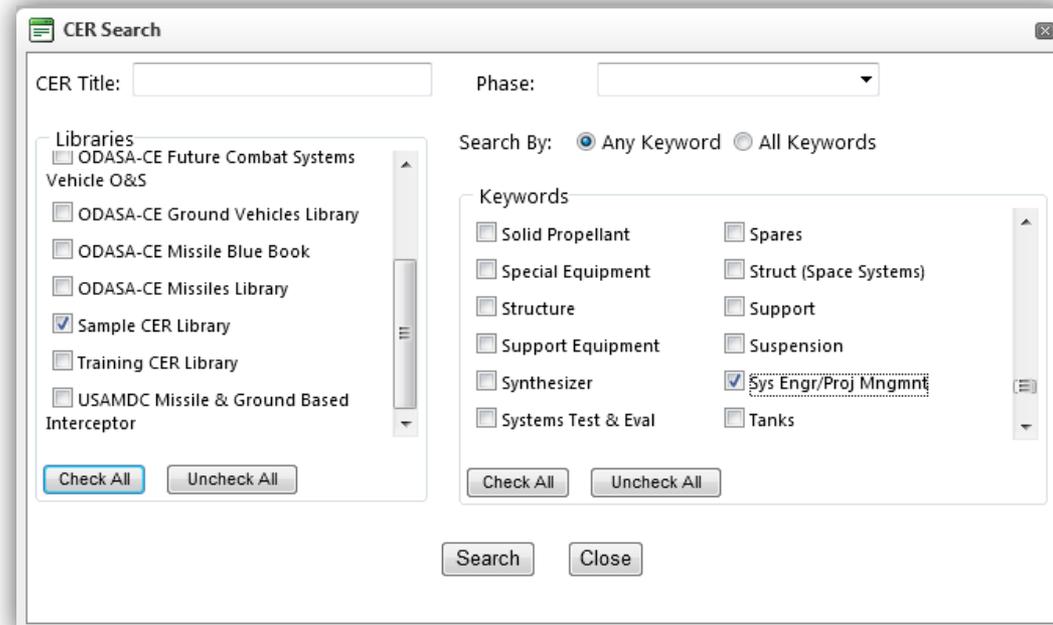
Title	Equation	Library	Details
No CER records to display. Press the search  button above to perform a query.			





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



Title	Equation	Library	Details
SEPM	[XYZ Missile PO] 0.378*PMP_D	Sample CER Library	📄
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .8720* (DES + PMS)	Sample CER Library	📄
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .0464 * REC_PRODS	Sample CER Library	📄





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

- Sample CER Library
- Training CER Library

CERs

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



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 Details

Title:

Equation:

Reference Cost:	<input type="text"/>	Learning Slope:	<input type="text"/>	Fee Included:	<input type="button" value="No"/>
Theory:	<input type="text"/>	Rate Slope:	<input type="text"/>	G&A Included:	<input type="button" value="No"/>
Fiscal Year:	<input type="text"/>	Units:	<input type="button" value="v"/>	Overhead Included:	<input type="button" value="No"/>
Domain Type:	<input type="button" value="v"/>	Commodity:	<input type="button" value="v"/>		

Phase:

<input type="checkbox"/> Pre-Development	<input type="checkbox"/> Support Equipment
<input checked="" type="checkbox"/> Development	<input type="checkbox"/> Sensors (Mil & Security)
<input type="checkbox"/> Production	<input checked="" type="checkbox"/> Sys Engr/Proj Mngmnt
<input type="checkbox"/> Operations and Support	<input type="checkbox"/> Shelters

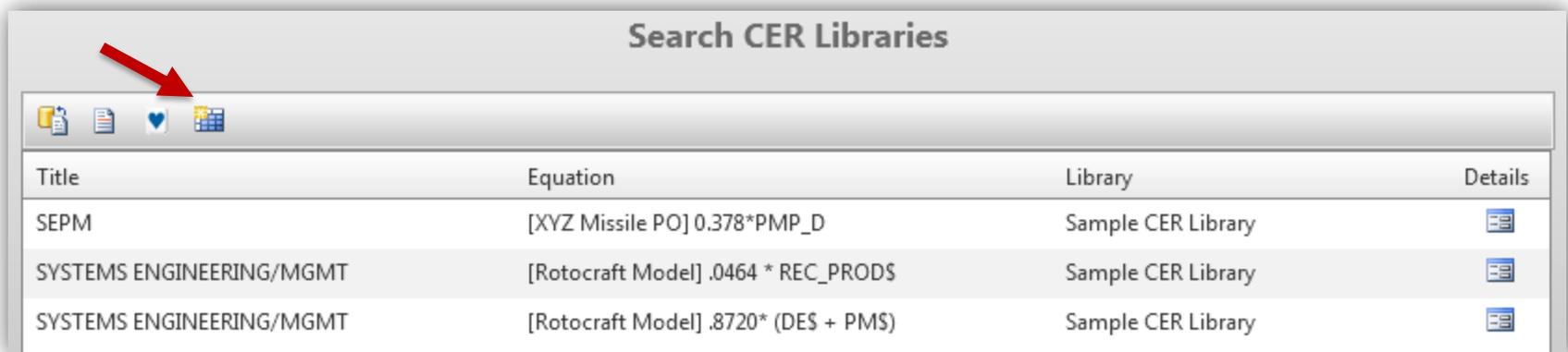




CER Model Runner

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

Search CER Libraries

A screenshot of the "Search CER Libraries" window. At the top, there is a toolbar with four icons: a document with a checkmark, a document, a heart, and a calendar. A red arrow points to the heart icon. Below the toolbar 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_PRODS	Sample CER Library	
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .8720* (DES + PMS)	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

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

Pages 1





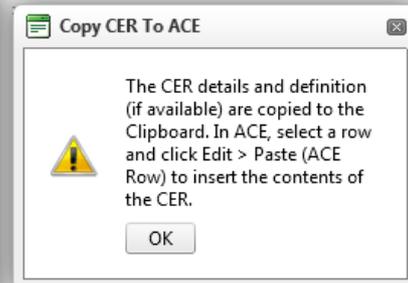
Exporting CERs to ACE

- 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 ()

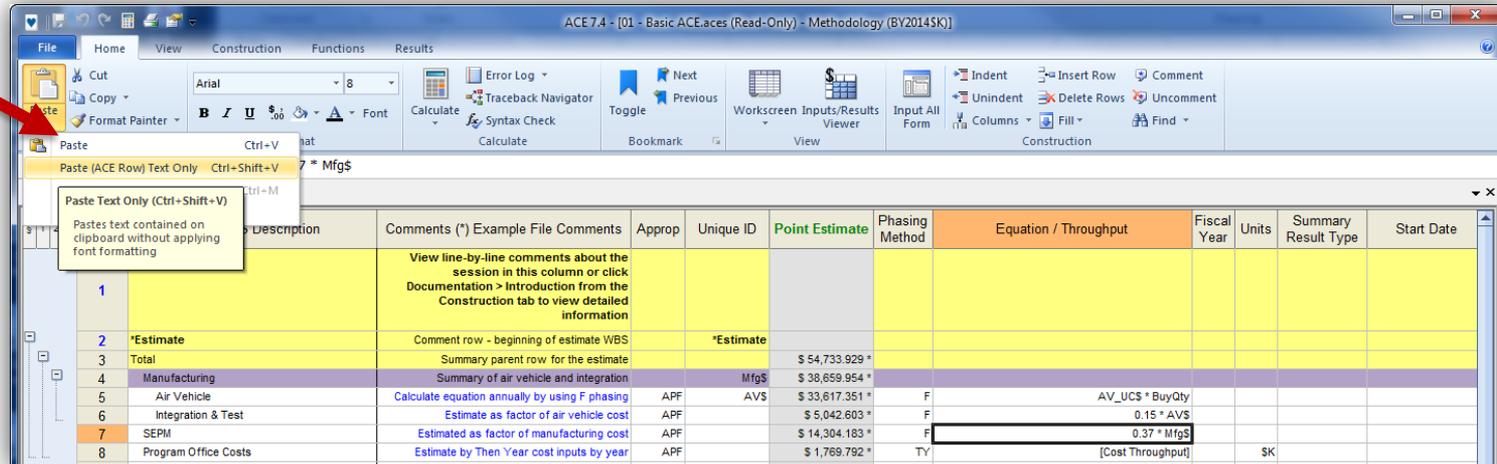
Search CER Libraries



Title	Equation	Library	Details
SEPM	[XYZ Missile PO] 0.378*PMP_D	Sample CER Library	
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .0464 * REC_PRODS	Sample CER Library	
SYSTEMS ENGINEERING/MGMT	[Rotocraft Model] .8720* (DES + PMS)	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	Comment row - beginning of estimate WBS		*Estimate							
3	Total	Summary parent row for the estimate			\$ 54,733.929 *						
4	Manufacturing	Summary of air vehicle and integration		Mfg\$	\$ 38,659.954 *						
5	Air Vehicle	Calculate equation annually by using F phasing	APF	AVS	\$ 33,617.351 *	F	AV_UCS * BuyQty				
6	Integration & Test	Estimate as factor of air vehicle cost	APF		\$ 5,042.603 *	F	0.15 * AVS				
7	SEPM	Estimated as factor of manufacturing cost	APF		\$ 14,304.183 *	F	0.37 * Mfg\$				
8	Program Office Costs	Estimate by Then Year cost inputs by year	APF		\$ 1,769.792 *	TY	[Cost Throughput]		\$K		

JIAT



JIAT WEB LINK LIBRARIES



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)

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

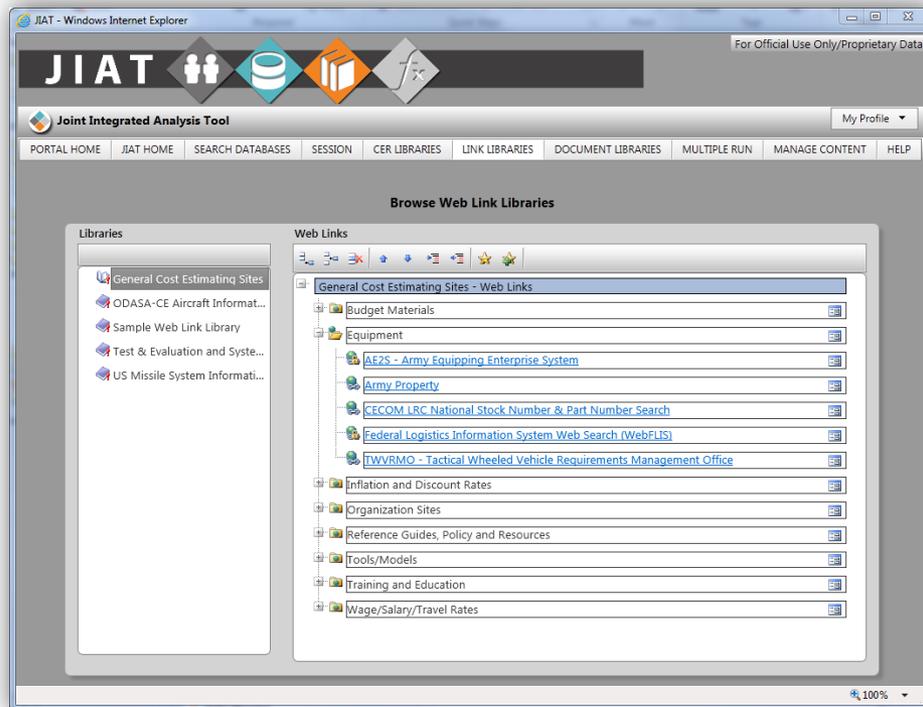
- Browse Link Libraries
- Search Link Libraries
- Manage Keywords





JIAT Link Libraries

General Cost Estimating Sites



- ❖ Cost estimating source information
- ❖ Sites provide cost estimating sources:
 - Policy and procedure
 - Best practice and guidance
 - Standards and methods
 - Organizational information
- ❖ Excellent source for novice analysts to learn about cost estimation resources



JIAT Link Libraries

DASA-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 aircraft

US Missile Systems

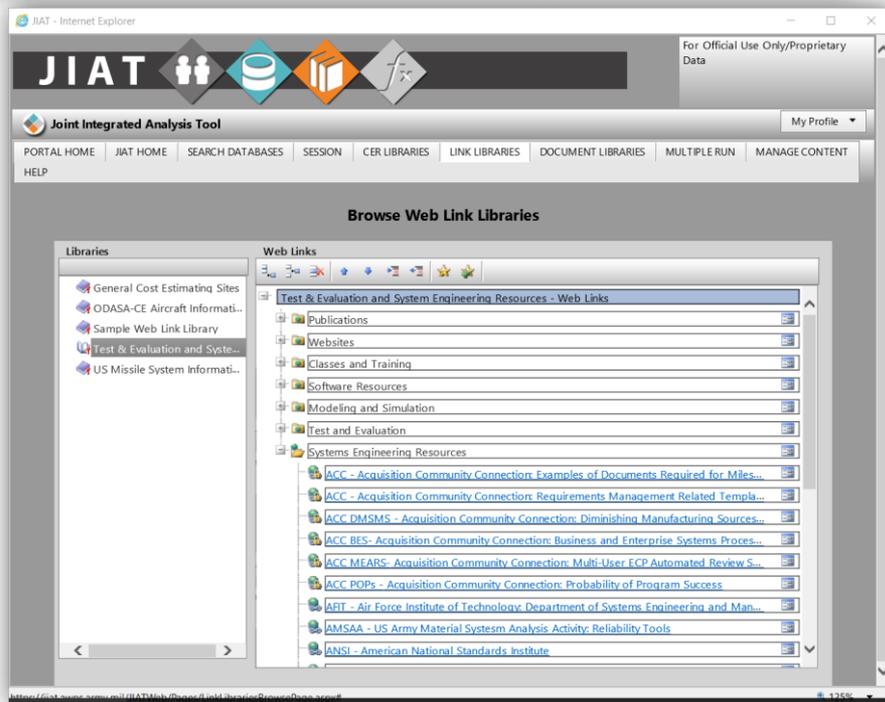
- List of sites that provide information and data on the US Missile Systems
- Includes:
 - Technical data
 - System specification and objectives
 - Pictures and schematics
- Excellent source to learn about US Missiles
- Search by service, type, program name, and size





JIAT Link Libraries

Test & Eval and Sys Eng Resources



❖ List of sites to Support the Test & Evaluation and Systems Engineering Communities

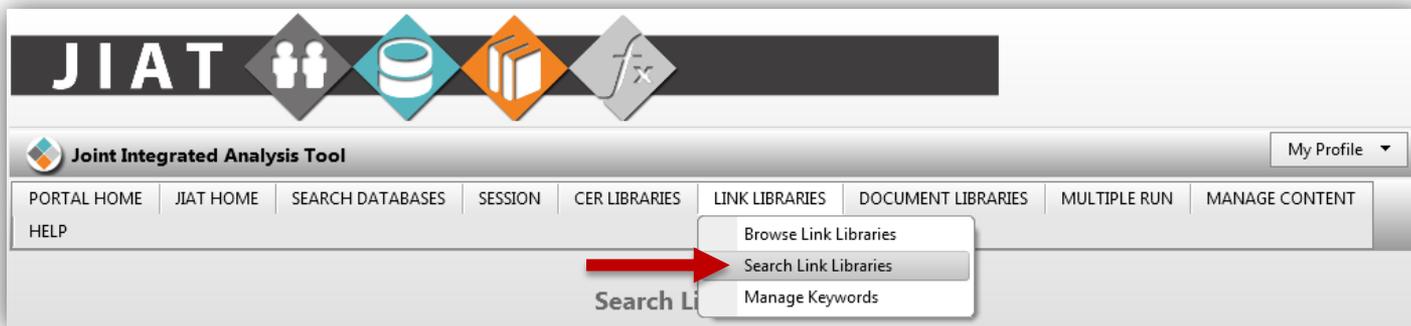
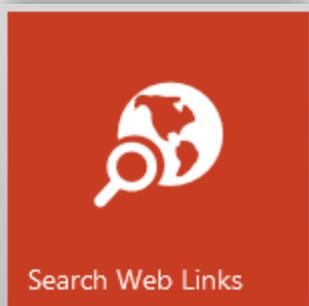
❖ Includes:

- Publications
- Websites
- Classes and Training
- Software Resources
- Modeling and Simulation
- Test and Evaluation
- Systems Engineering



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





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)

A screenshot of a software dialog box titled "Link Search". At the top, there are two text input fields: "Link Title:" and "Description:". Below these, there are two main sections. The "Libraries" section on the left contains four checkboxes: "General Cost Estimating Sites", "ODASA-CE Aircraft Information Deskbook", "Sample Web Link Library", and "US Missile System Information". Below this list are two buttons: "Check All" and "Uncheck All". The "Keywords" section on the right has a "Search By:" label with two radio buttons: "Any Keyword" (which is selected) and "All Keywords". Below this is a list of keywords with checkboxes, arranged in two columns: AAAM, ACET, ACM, ACM-129A-B, Acquisition, Affordability, AGM, AGM-114A-F, AGM-114L, AGM-130, AGM-131A, and AGM-154A. Below the list are two buttons: "Check All" and "Uncheck All". At the bottom of the dialog box are two buttons: "Search" and "Close".



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

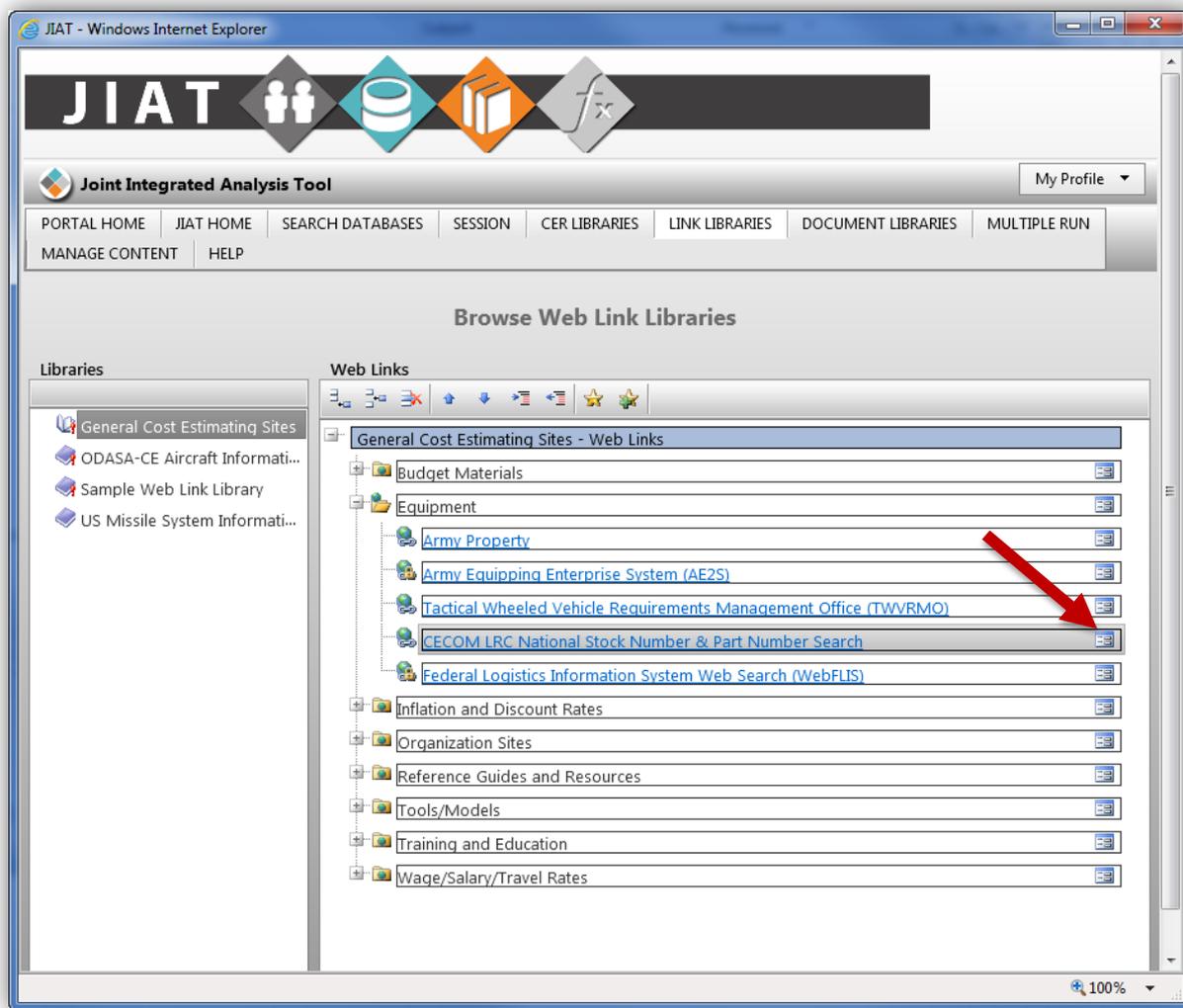
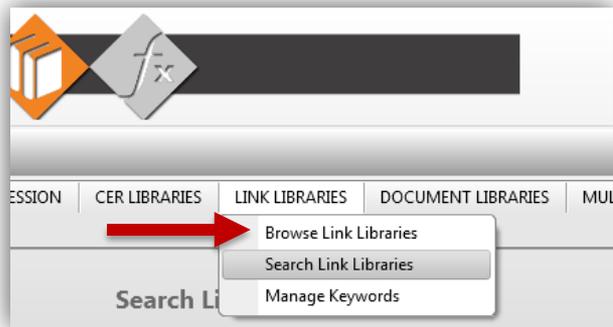
Search Link Libraries		
Web Link	Library	Details
AKO - Army Knowledge Online	General Cost Estimating Sites	
Army MOS Descriptions at About.com US Military	General Cost Estimating Sites	
PEO C3T - Program Executive Office Command Control Commu...	General Cost Estimating Sites	
Redstone Arsenal	General Cost Estimating Sites	
Joint Cost and Schedule Risk and Uncertainty Handbook (CSRUH)	General Cost Estimating Sites	
Army Modeling and Simulation Office G8/CAA	General Cost Estimating Sites	
U.S Army CECOM website	General Cost Estimating Sites	
TRADOC G8 (Resource Management)	General Cost Estimating Sites	
U.S. Army TACOM Cost & Systems Analysis	General Cost Estimating Sites	
Army Financial Management Cost & Performance Portal	General Cost Estimating Sites	
Army Property	General Cost Estimating Sites	
U.S. Army Communications-Electronics Command Logistics and ...	General Cost Estimating Sites	
U.S. Army Environmental Command	General Cost Estimating Sites	
Cost Analysis Strategy Assessment (CASA) Model	General Cost Estimating Sites	
DoD 101 Introduction to the Military	General Cost Estimating Sites	

Page 1 of 3 Item 1 to 15 of 31



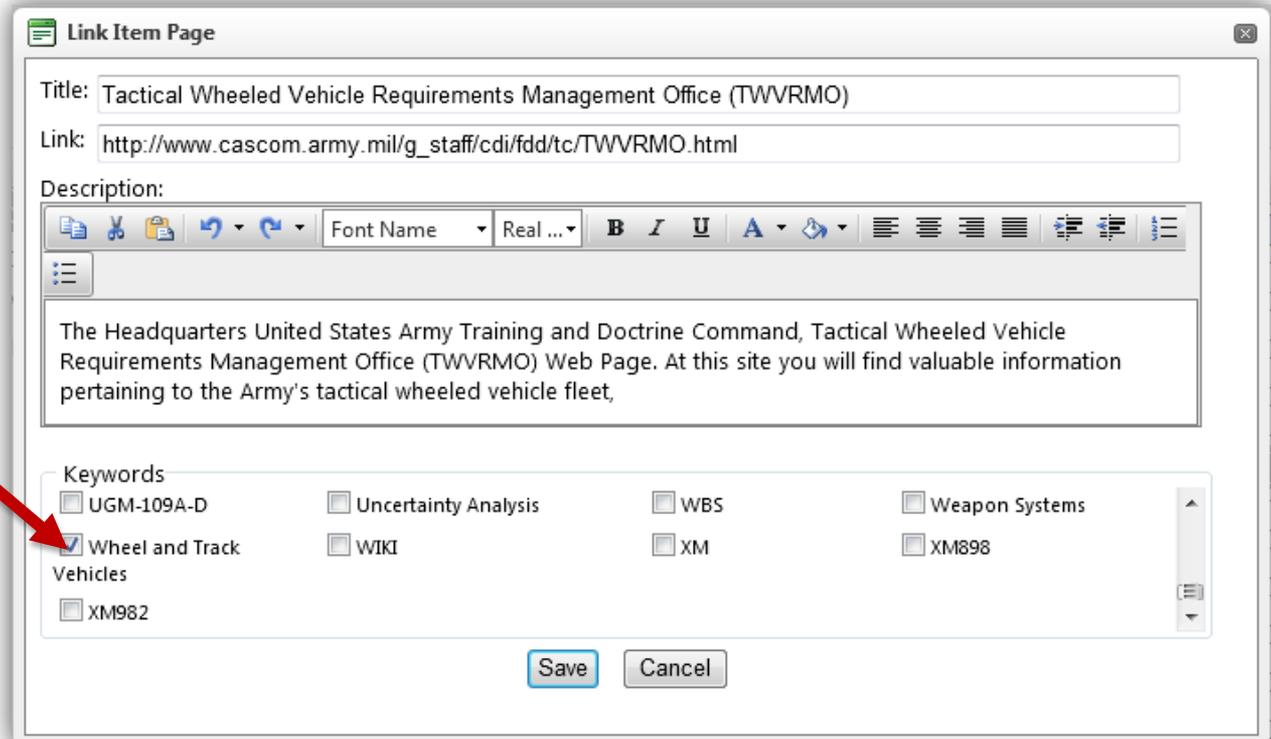


Browse Web Link Libraries



- ❖ 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

- 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



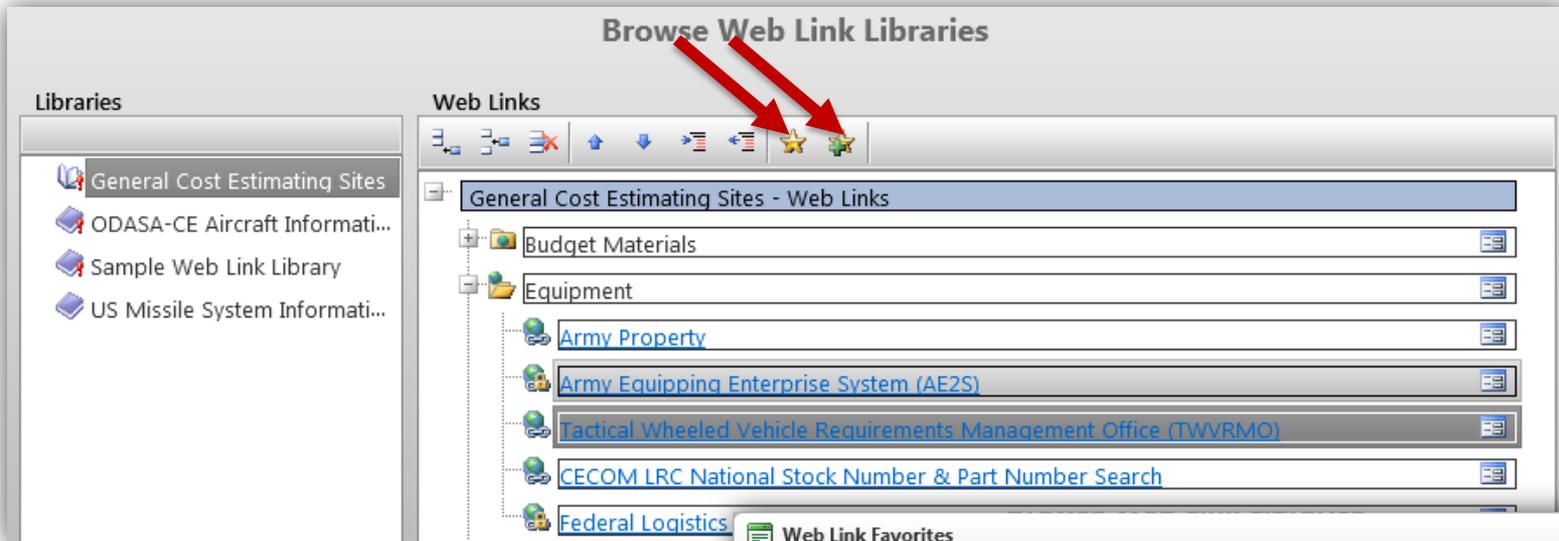
The screenshot shows a dialog box titled "Link Item Page" with the following fields and options:

- Title: Tactical Wheeled Vehicle Requirements Management Office (TWVRMO)
- 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 selecting keywords. A red arrow points to the "Wheel and Track" checkbox, which is checked. Other keywords include UGM-109A-D, Uncertainty Analysis, WBS, Weapon Systems, WIKI, XM, and XM898.
- Vehicles: A list of checkboxes for selecting vehicle types. The "XM982" checkbox is visible.
- Buttons: "Save" and "Cancel" buttons are located at the bottom right.

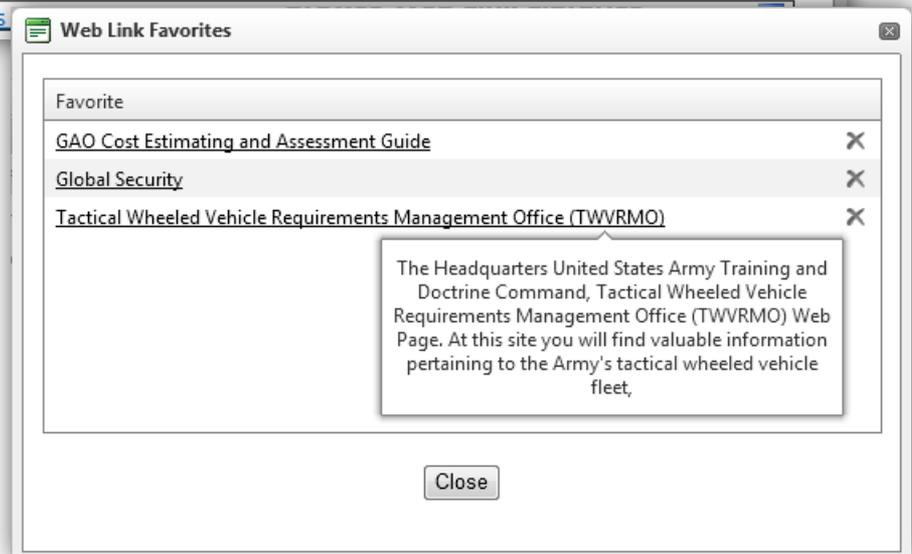


Favorite Web Links

➤ 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 (🌟)



JIAT



JIAT DOCUMENT LIBRARIES



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.)





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



- Templates
 - Excel model hosting template
- Support Alerts and Knowledge Base Articles
 - Discuss known issues and work-around solutions



- ACDB Import Guide
 - Written for ACDB Database Administrators (DBA's) to understand the process of preparing and uploading an ACDB database to JIAT



- Other Documents
 - Training Files
 - Requesting a JIAT account





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

The screenshot shows a web application interface titled "Browse Document Libraries". On the left, a "Libraries" sidebar lists several libraries: ITE, JIAT Website Users Library (highlighted), ODASA-CE Cost Studies, ODASA-CE Supplemental Tr..., Training ALG 123 Working G..., and USMC LRFS Tool Distribution. The main area, titled "Documents", shows the contents of the selected "JIAT Website Users Library - Documents". It contains a list of folders: Brown Bag Presentations, Newsletters (highlighted), JIAT Overview Information, Templates, Support Alerts and Knowledge Base Articles, New User Files, Training, Release Notes, and ACDB Import Information and Tools. Each folder has a small document icon to its right. Above the folder list is a toolbar with navigation and action icons.





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





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			Contains the s...	1/22/2014 7:55:42 PM	78 KB	JIAT Website Users Library 
	JIAT Training Course Resul...	Other			This zip file in...	1/22/2014 8:02:12 PM	368 KB	JIAT Website Users Library 
	JIAT Quick Start Guide	User Guide		Sep 2013	Describes the ...	9/16/2013 9:03:04 PM	5 MB	JIAT Website Users Library 
	ALG 123 Description	System Des...		Sep 2013	This presentat...	10/10/2013 5:47:51 PM	722 KB	Training ALG 123 Working ... 
	JIAT Newsletter Oct 2013	Newsletter		Oct 2013	This month's ...	11/27/2013 4:59:17 PM	557 KB	JIAT Website Users Library 



JIAT



JIAT WEB MODELS



Web Models

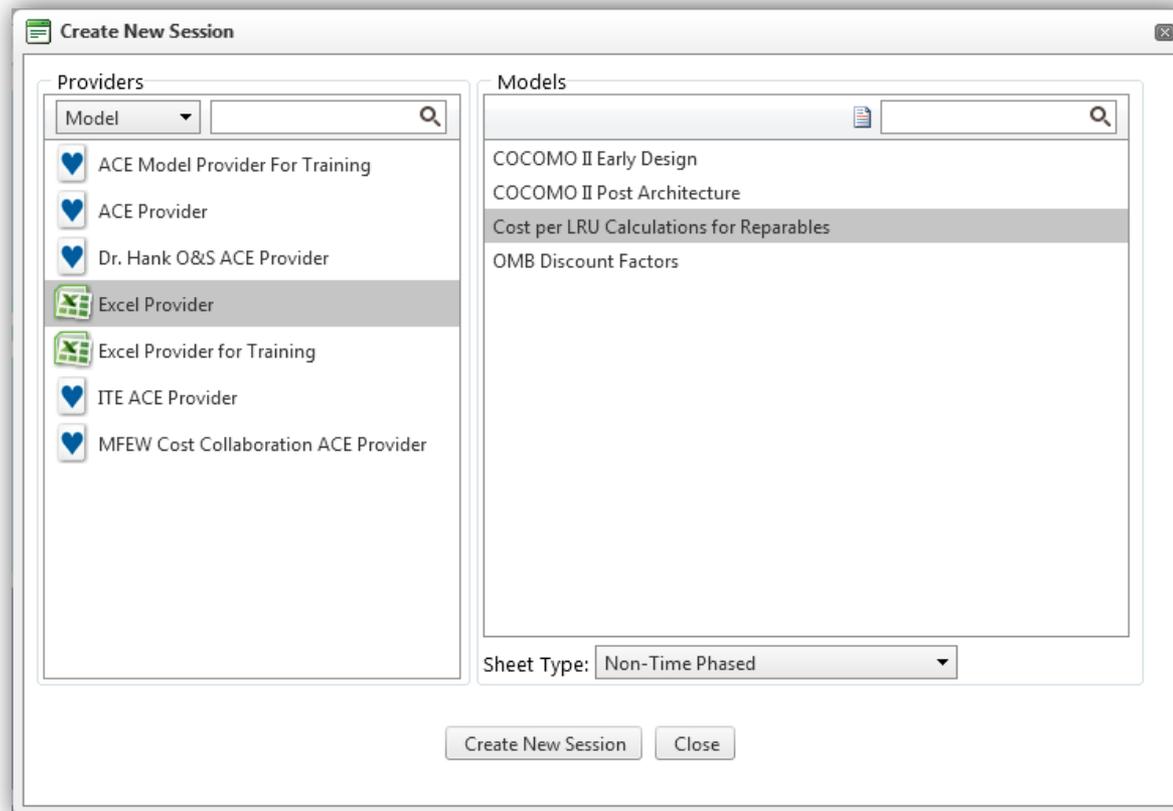
- ❖ JIAT allows what-if drills to be run with Excel, or ACE models
- ❖ Working with web models can help you:
 - Set up a location for stack-holders to run focused What-if drills with an ACE or Excel estimate
 - Understand cost drivers in a model
 - Provide rough order of magnitude estimates on basic 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)





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

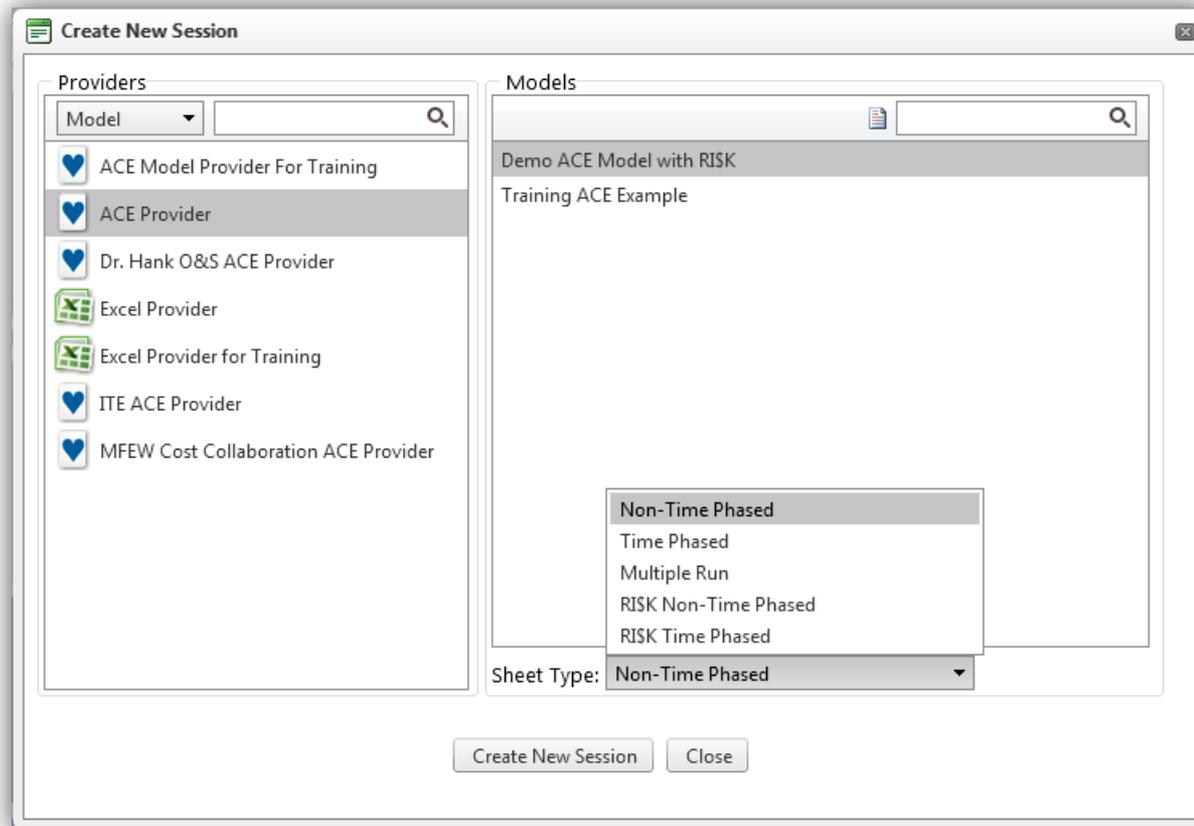




Web Model Sheet Type Options

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



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:

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

Pages 1







JIAT Points of Contact

DASA-CE – Sponsor

– Sean Vessey – Cost Policy & Research Division Chief

- sean.d.vessey.civ@mail.mil

– Rex Stone – JIAT Project Leader

- rex.t.stone.civ@mail.mil

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](#).





JIAT Related Acronym List

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





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	◆ VAMOSC	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		

