



IADS 4.0 Training

How To Use

Features



GOTS product

Government off-the-shelf IETM solution. Provided at no cost.



Multiple DTDs supported

Currently MIL-STD-40051 & S1000D.



Multiple-configuration systems

Support for systems that contain multiple configurations in a single IETM.



Navigation history

Maintains a list of visited documents for quick access.



Bookmarks and notes

Allows users to save locations and extra information (including critical safety messages).



RPSTL

Repair parts and special tools list — including a shopping cart and parts requests capability.

What's New



Modern interface

New look-and-feel designed to be easy-to-use, functional, and efficient.



Render directly from XML

Import XML without preprocessing. Make changes in your data and see the result immediately.



Multiple tabs

Open multiple documents at once using the "Open in New Tab" Option.



Integrated multimedia

The graphics split-screen can now play videos & flash content without launching another program.



Simplified search

Searching is now simpler and more powerful. Just enter what you're looking for and IADS will find it.



Enhanced printing

All figures are now printed inline with other content.



Export to PDF

Export documents to PDF files with the click of a button.



Automatic software updates

IADS will always be up-to-date with automatic updates. (Requires Internet access)

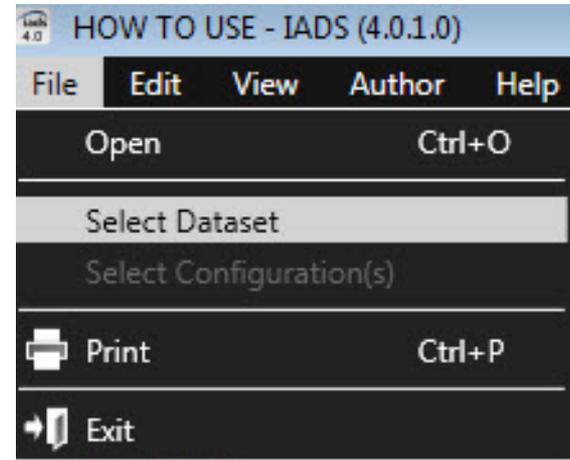
NAVIGATION

- This IETM makes use of a familiar computer technology called hypertext to move from one frame to another frame (i.e. table of contents to a maintenance procedure). The user interface to this application is called a hot spot. Selecting a hot spot may take the user to the next logical step or procedure or display a message. When the cursor turns to a pointing hand, click the left mouse button. A hot spot may display a message or link the IETM to another text frame, file, or illustration.

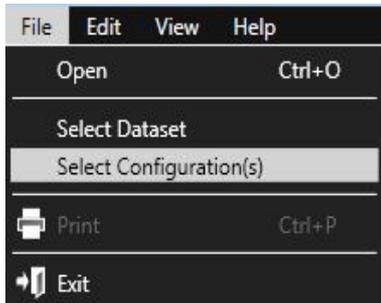
MAIN MENU OPTIONS

- **FILE MENU**

- **Open:** allows the user to browse and open a file.
- **Select Dataset:** a dialog box will open with a menu of available Datasets. This only applies when there is more than one IETM installed.
- **Select Configuration:** a new menu will open with a list of available Configurations.

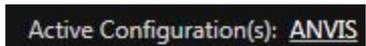


SELECT CONFIGURATION

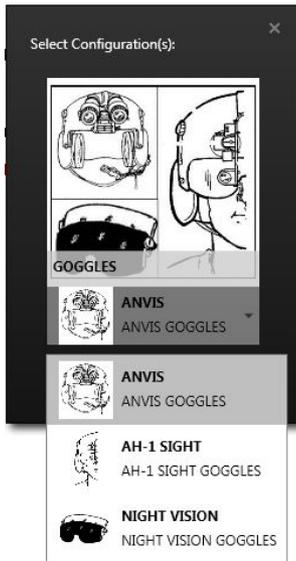


The purpose of configurations is to define data filters to restrict what the user sees based on a particular equipment configuration.

To choose or change a configuration select FILE>Select Configurations.



The Active Configuration(s) are displayed in the right corner of status bar.



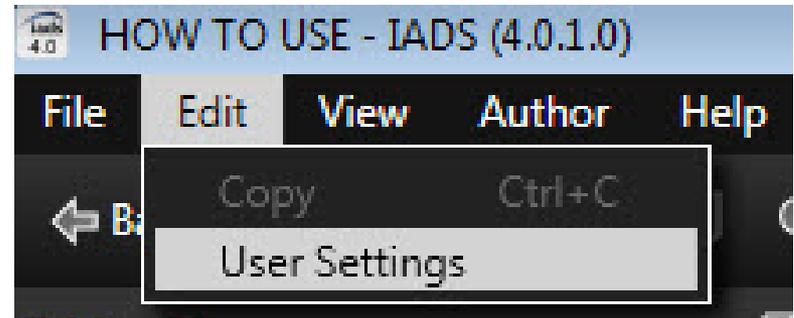
Once a configuration has been selected the configurations menu may also be activated by clicking the underlined configuration value displayed in the status bar.

If a configuration has not been selected the configuration menu will activate when a file with applicable attributes is selected.

MAIN MENU OPTIONS CONTINUED

- **EDIT MENU**

- **User Settings:** this interface allows user information to be entered and stored for population of fields within the electronic DA 2028, and allows users to setup application viewing preferences, font size and history retention settings.

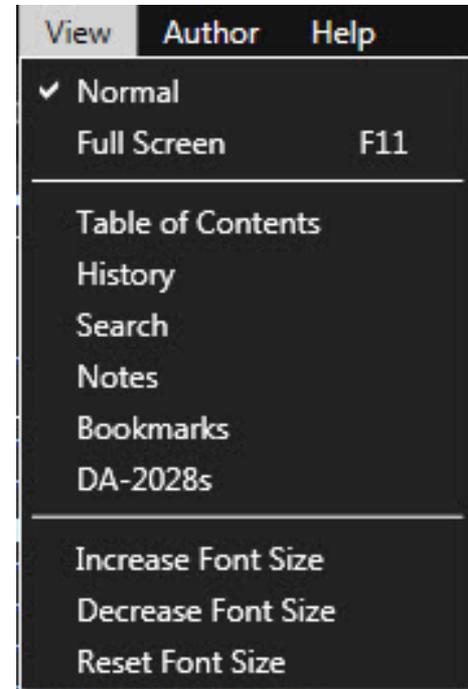


MAIN MENU OPTIONS CONTINUED

- **VIEW MENU**

- The View Menu provides access to:

- Normal or Full Screen views
 - Table of Contents (TOC)
 - History
 - Search
 - Notes
 - Bookmarks
 - DA 2028
 - Increase, Decrease and Reset Font Size



TOOL BAR MENU ICONS

- **HISTORY NAVIGATION:**

- **Back Arrow Icon:**  **Back**
 - Allows the user to “go back” to the previous Work Package visited as noted in the History list.
- **Forward Arrow Icon:** 
 - Allows the user to advance to the next Work Package visited as noted in the History list.
- **History Icon:** 
 - Opens the history list.

- **Table of Contents Icon:** 

- Opens the table of contents.

- **Bookmark Icon:** 

- Opens the interface for creating new or viewing existing bookmarks

- **User Notes Icon:** 

- Opens the interface for creating new or viewing existing user notes.

- **Search Icon:** 

- Opens the interface for searching the contents of the IETM and Repair Parts and Special Tools List (RPSTL).

- **Print Icon:** 

- Opens the printer interface

- **Electronic DA 2028 Icon:** 

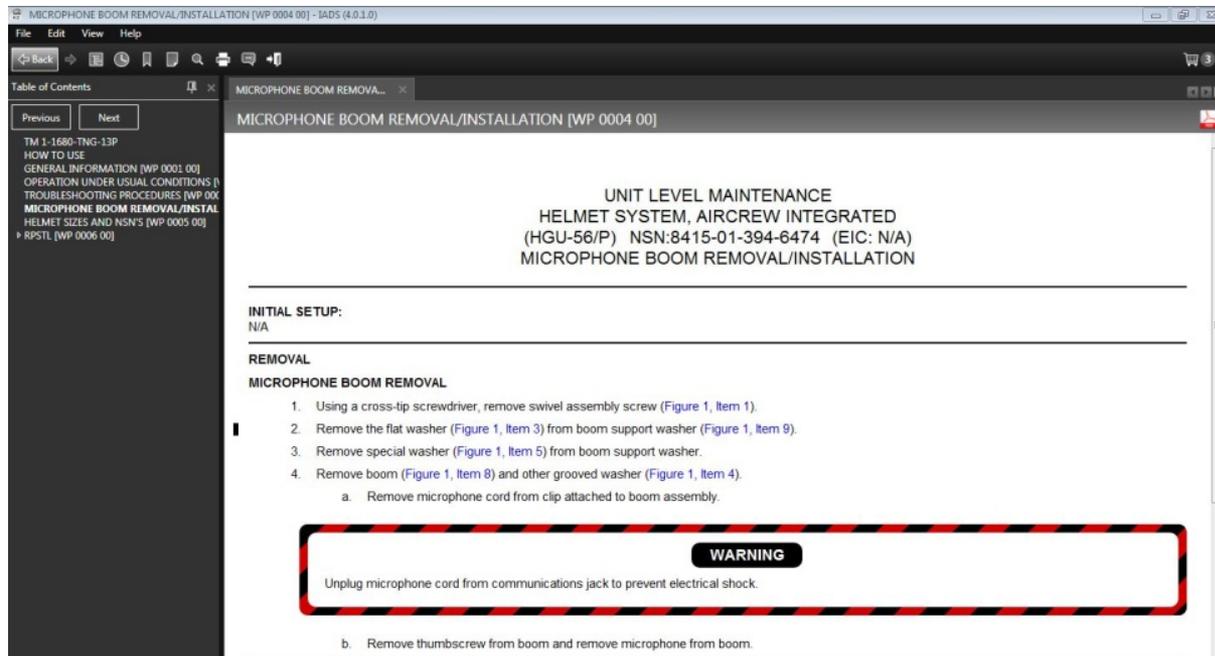
- Allows the user to submit an Electronic DA 2028 from the IETM.

- **Exit Icon:** 

- Exits the IETM and closes the software application

WORK PACKAGE DISPLAY

- The work package display screen is divided into several sections:
 - Main Menu Bar
 - Icon Menu Bar
 - Guidepost (The guidepost can be hidden or collapsed using the guidepost pin located in the top right corner of the guidepost.)
 - Display Area
 - Active Configuration Display



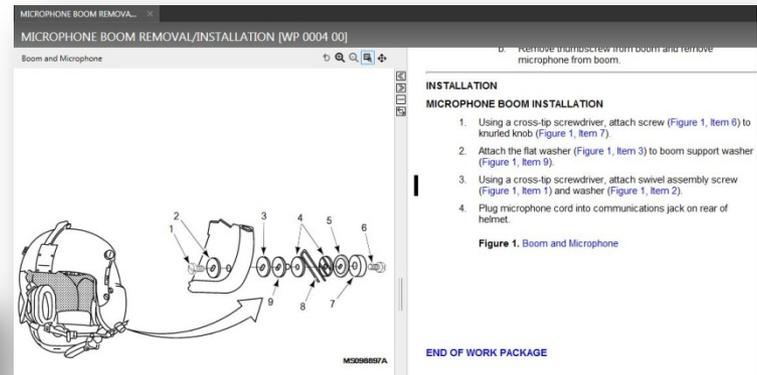
SPLITSCREEN GRAPHICS

- Select a **figure hotspot** to activate the split screen viewing capability.

4. At frequency multiplier: Loosen locknut **Figure 2, Item 1**, adjust screw **Figure 2, Item 2** to bring failed frequency into tolerance and tighten locknut. If reading was below -9.75 dBm, adjust to -9.75 to -9.25 dBm. If reading was higher than -4.25 dBm, adjust to -4.25 to -4.75 dBm.
5. If correct reading cannot be obtained, check all test/setup connections and repeat above step.
6. If correct reading still cannot be obtained, continue procedure which directed you.

Figure 2. Transmitter Drive Adj AT1

- Split Screen Display



Split Screen Menu

- When split screen is activated the following menu options are available:

 Left Collapse or  Right Collapse are used to expand the split screen graphic to the full display area or reduce until hidden.

 Change Orientation alters the split screen display from a vertical to a horizontal split.

 Swap Display reverses the position of the graphics and text display.

 Refresh returns image to normal size.

 Zoom in and Zoom Out.

 Drag Zoom — use mouse to select a specific area of the image to zoom.

 Pan — use mouse to pan or drag the zoomed image.

INTERACTIVE TROUBLESHOOTING

- Work packages with interactive troubleshooting allow user to go step by step through the procedure.
- Selection options:
 - **Yes** or **No** – allows user to progress to the next step
 - **Reset Troubleshooting** – resets all back to the initial selection.
 - **Undo** – allows user to go back to the previous step and make a new selection.

LCS POWER FILTER UNIT (P

1. LCS PFU Fault

CONDITION/INDICATI

Is the Power Dist

Reset Troubleshooting

This screenshot shows a troubleshooting step for an LCS Power Filter Unit. It lists a fault condition and asks a question about the power distribution. There are two buttons for 'YES' and 'NO' to provide an answer, and a 'Reset Troubleshooting' link at the bottom.

LCS POWER FILTER UNI

1. LCS PFU Faul

CONDITION/INDI

Is the Power

YES

2. Power off PF

3. Contact adja

CONDITION/INDI

Is adjacent s

NO UNDO

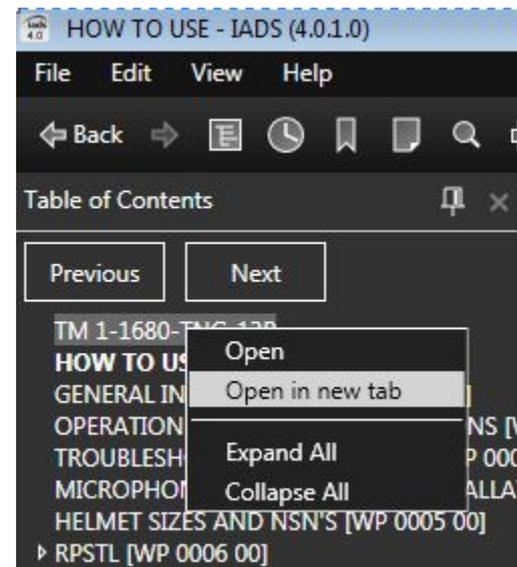
This screenshot shows a continuation of the troubleshooting process. It lists further steps and asks another question. The user has previously selected 'YES'. There are 'NO' and 'UNDO' options at the bottom.

MOUSE (RIGHT CLICK)

- **TABLE OF CONTENTS (TOC)**

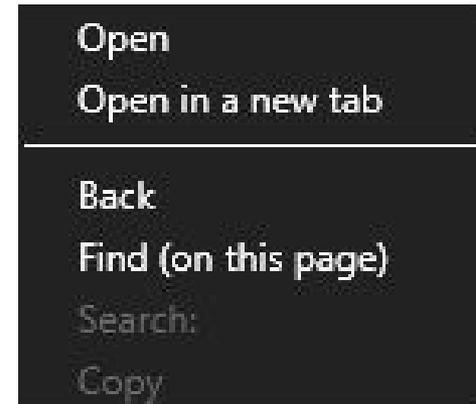
- A right mouse click while in the Table of Contents will activate the following options:

- **Open:** opens a work package.
- **Open in new tab:** opens a work package in a new tab.
- **Expand All:** expands all TOC entries.
- **Collapse All:** collapses all TOC entries



MOUSE (RIGHT CLICK) CONTINUED

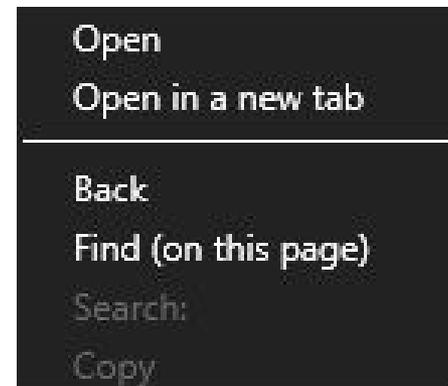
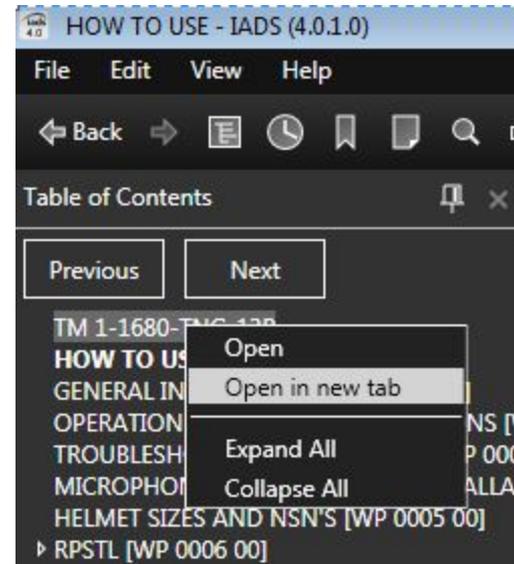
- **WORK PACKAGE**
 - A right mouse click while inside the work package viewing screen will activate the following options:
 - **Back:** provides same function as the Back arrow on the top menu bar.
 - **Find (on this page):** robust search of the work package currently open. Highlights the word and provides the quantity of matches.
 - **Search:** user can highlight word(s) on the screen to be searched.
 - **Copy:** User can highlight word(s) and copy/paste to clipboard.



MOUSE (RIGHT CLICK) CONTINUED

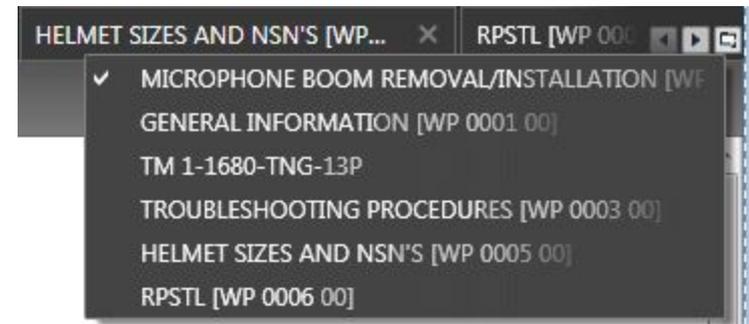
- **MULTIPLE TABS OPTION**

- Multiple documents can be opened using the “Open in New Tab” option from the TOC, or when selecting a hotspot in a work package.



MOUSE (RIGHT CLICK) CONTINUED

- **MULTIPLE TABS OPTION**
 - If tabs exceed the screen width, they can be navigated using the arrows in the top right corner to scroll left or right. A drop down menu is also available to view a list of opened tabs.



NAVIGATION

- **Previous/Next**

- Located in the Table of Contents, allows user to advance to the “next” work package or the “previous” work package.



- **Back/Forward (History)**

- Located in main menu, allows users to go back or forward to a previously visited work package.



NAVIGATION CONTINUED

- **NOTES**

- Select Notes from the View Menu or the Icon



- Allows user to enter a Private or Public Note, and Critical Safety Message.
 - Anchor the note to work package content, select content (text, step, etc.) from the document to anchor the note.
 - Add a text message in the provided dialog box.
 - Add or delete attachments to the note.
- Note will be placed on the far right side in the User Notes area, adjacent to the text selected for anchor.

- **BOOKMARKS**

- Select Bookmarks from the View Menu or the Icon



- Allows user to enter a public or private bookmark.
- Anchor the bookmark to work package content, by selecting content (text, step, etc.) from the document.
- Add a title in the provided dialog box.
- A link target indicator arrow will indicate the areas of the anchored bookmark

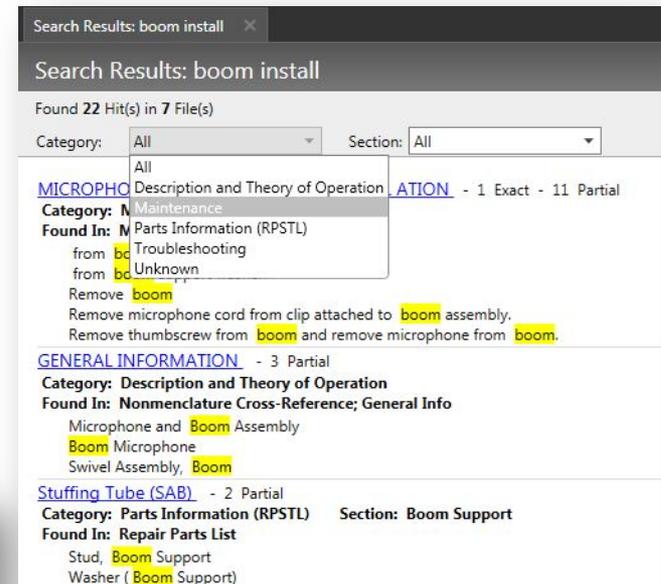
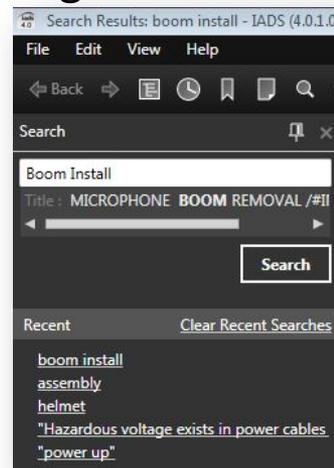
NAVIGATION CONTINUED

- **SEARCH**

- Selecting the Search menu option or the icon 

- Allows the user to search the entire data set, including RPSTL.
- Searches can be performed on text, numbers or a string of text or series of numbers by enclosing them in quotes such as “string of text” or “123456”.
- Recent searches are automatically saved

- Search results can be filtered by Category.

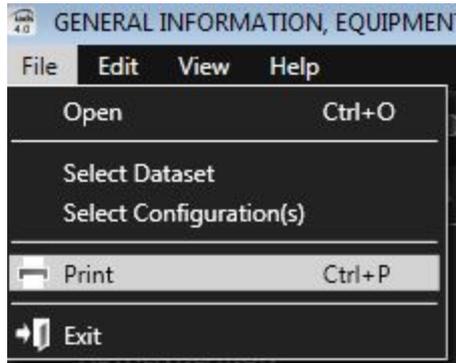


NAVIGATION CONTINUED

- **PRINTING**

- There are three methods for printing:

- File/Print:



- Print Icon: 
 - PDF Icon: 

All three methods will launch a PDF printable version of the work package.

REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

- The RPSTL Display Screen contains a table listing the Item Number, SMR, NSN, CAGE Code, Part Number, Description, and Quantity.

UNIT LEVEL MAINTENANCE
HELMET SYSTEM, AIRCREW INTEGRATED
(HGU-56/P) (EIC: N/A)
STUFFING TUBE (SAB)

ITEM	SMR	NSN	CAGEC	Part No	Description	QTY	
0	PAOZZ		81996	1680-ALSE-163-1	Stuffing Tube (SAB)SZ1-SZ6	1	
1	PAOZZ		97427	78D4056-1	Stud, Boom SupportSZ1-SZ6	1	
2	PAOZZ		97427	78D4056-2	Washer (Boom Support)SZ1-SZ6	1	
3	PAOZZ		97427	78D4056-3	Washer, GrooveSZ1-SZ6	2	
4	PAOZZ		97427	78D4056-4	Washer, SpecialSZ1-SZ6	1	
5	PAOZZ		97427	78D4056-5	Nut KnurledSZ1-SZ6	1	
6	PAOZZ		81996	1680-ALSE-179-1	Washer FlatSZ1-SZ6	1	
7	PAOZZ		97427	65A1560B	Screw, Truss-Head, #10SZ1-SZ6	1	
8	PAOZZ		96906	MS51957-41B	Screw, Pan-Head #8-32SZ1-SZ6	1	
9	PAOZZ		81996	1680-ALSE-177-1	Washer, Swivel AssySZ1-SZ6	1	

Figure 1. Stuffing Tube (SAB)

REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL) CONTINUED

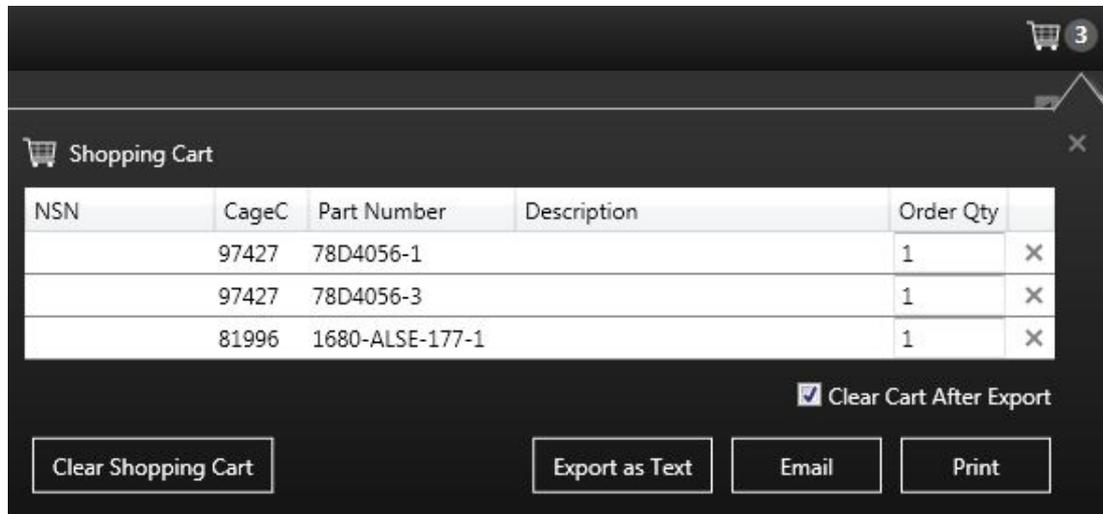
- If additional information is available, a  will be displayed. Select to expand the supplemental information; select the  to close the supplemental information.

AC POWER DISTRIBUTION UNIT (PDU) [WP 0108 00]						
FIELD LEVEL SUPPORT AC POWER DISTRIBUTION UNIT (PDU)						
ITEM	SMR	NSN	CAGEC	Part No	Description	QTY
GROUP 30020 AC POWER DISTRIBUTION UNIT (PDU)						
1	PACKK		18876	13550578-503	AC PDU	1  
Supplemental Information: UOC: Battery 1 & 2 UI: EA						
2	PAFKK		18876	13551328-503	GROUND CABLE ASSY	1  
Supplemental Information: REFDES: W324 UI: EA						
3	PACZZ	5310-01-304-8733	80205	MS15795-852	FLAT WASHER	1  
Supplemental Information: UI: EA						

Figure 2. AC POWER DISTRIBUTION UNIT (PDU)

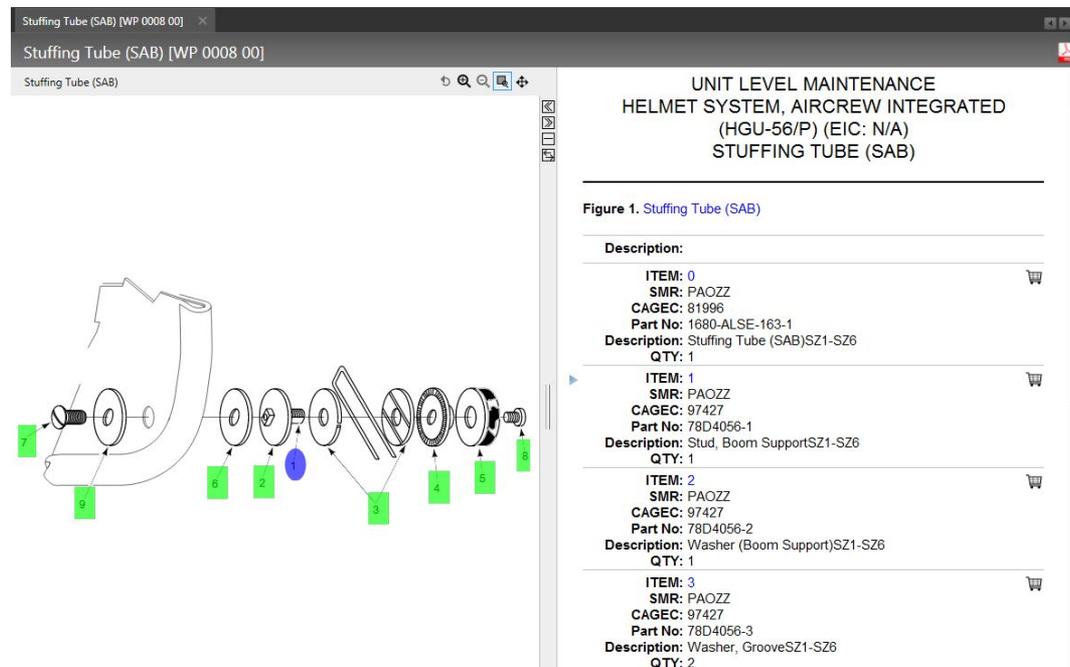
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL) CONTINUED

- Selecting the shopping cart  will add the item to the parts ordering interface.
- To view the shopping cart (parts ordering interface), select the  shopping cart.
 - The selected parts order list can be exported as a text file, emailed or printed.



REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL) CONTINUED

- To view the RPSTL Figure, select an item number from the RPSTL table display. The selected item will be highlighted in blue. To view a different part, select a green highlighted item to view the parts information for that item.



The screenshot displays a software window titled "Stuffing Tube (SAB) [WP 0008 00]". The main area shows a technical drawing of a stuffing tube assembly with numbered callouts (1-9) pointing to various components. Callout 1 is highlighted in blue, while others are green. To the right, a table lists the parts information for the selected item (ITEM: 1).

UNIT LEVEL MAINTENANCE HELMET SYSTEM, AIRCREW INTEGRATED (HGU-56/P) (EIC: N/A) STUFFING TUBE (SAB)	
Figure 1. Stuffing Tube (SAB)	
Description:	
ITEM: 0	
SMR: PAOZZ	
CAGEC: 81998	
Part No: 1680-ALSE-163-1	
Description: Stuffing Tube (SAB)SZ1-SZ6	
QTY: 1	
ITEM: 1	
SMR: PAOZZ	
CAGEC: 97427	
Part No: 78D4056-1	
Description: Stud, Boom SupportSZ1-SZ6	
QTY: 1	
ITEM: 2	
SMR: PAOZZ	
CAGEC: 97427	
Part No: 78D4056-2	
Description: Washer (Boom Support)SZ1-SZ6	
QTY: 1	
ITEM: 3	
SMR: PAOZZ	
CAGEC: 97427	
Part No: 78D4056-3	
Description: Washer, GrooveSZ1-SZ6	
QTY: 2	