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OF THE AIR FORCE**



**DEPARTMENT OF THE AIR FORCE
INSTRUCTION 63-125
AIR FORCE MATERIEL COMMAND**

Supplement

WARNER ROBINS AIR LOGISTICS COMPLEX

Supplement

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This supplement implements the Department of the Air Force Instruction (DAFI) 63-125-Air Force Materiel Command Supplement (AFMCSUP), *Nuclear Certification Program*. It applies to all Warner Robins Air Logistics Complex (WR-ALC) personnel. Guidance on the certification of procedures, equipment, software, facilities, personnel, and organizations conducting nuclear operations with nuclear weapons or nuclear weapon systems will be conducted in accordance with (IAW) this instruction and its supplements, as well as Air Force Policy Directive (AFPD) 91-1, *Nuclear Weapons and Systems and Surety*. Ensure all records generated as a result of processes prescribed in this publication adhere to AFI 33-322, *Records Management and Information Governance Program*, and are disposed in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the office of primary responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. This publication may be supplemented at any level, but all supplements must be routed to the OPR of this publication for coordination prior to certification and approval. The authorities to waive wing, unit, delta or garrison level requirements in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") number following the compliance statement. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the publication OPR for non-tiered compliance items. The

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SUMMARY OF CHANGES

(WR-ALC) This supplement has been significantly changed and must be reviewed in its entirety. The follow is a synopsis of the incorporated changes such as master nuclear certification listing (MNCL) elements and requirements for the primary nuclear certified equipment (NCE) monitor to create and maintain a continuity binder and local DULL SWORD reporting procedures.

Chapter 1

1.1. Nuclear Certification Program.

1.1.1. **(Added-WR-ALC)** Two purposes of the NCE Management Program.

1.1.1.1. **(Added-WR-ALC)** Increases mission readiness of NCE when used for nuclear missions.

1.1.1.2. **(Added-WR-ALC)** Increases awareness of NCE requirements when used by both nuclear and non-nuclear tasked units.

1.2.2. **(Added-WR-ALC)** Accurate reporting of NCE assets through annual surveys is essential. Reporting malfunctions, failures, and abnormalities involving NCE in use at non-nuclear units is one aspect of the nuclear reinvigoration effort. The DULL SWORD nuclear deficiency report provides a means of trend analysis to identify issues that could affect the safety and reliability of an NCE asset for use in nuclear operations. This instruction serves to define responsibilities and establishes local procedures to identify and monitor NCE, as well as procedures for reporting suspected NCE deficiencies to the 78th Air Base Wing (ABW) Weapons Safety (SE) Manager for investigation and up-channel reporting as warranted. Furthermore, when a product quality deficiency report is submitted involving a nuclear certified asset the unit will also complete a DULL SWORD worksheet. The 78 ABW Weapons SE Manager will determine if the product quality deficiency also warrants DULL SWORD reporting. WR-ALC will follow reporting guidelines IAW host installation's SE office with a courtesy message transmitted through email to WR-ALC central NCE program monitor.

2. Roles and Responsibilities

2.10.7.1.1 **(Added-WR-ALC)** 78 ABW Weapons SE Manager representative is the Wing NCE program monitor and will:

2.10.7.1.2. **(Added-WR-ALC)** Serve as the installation DULL SWORD program manager.

2.10.7.1.3. **(Added-WR-ALC)** Provide training to unit NCE monitors and perform staff assistance visits as requested.

2.10.7.1.4. **(Added-WR-ALC)** Verify unit NCE listings are validated annually.

- 2.10.7.1.5. **(Added-WR-ALC)** Conduct inspection of unit NCE program in conjunction with annual safety inspection.
- 2.10.7.1.6. **(Added-WR-ALC)** Investigate and submit reportable NCE malfunctions, failures, and abnormalities to the Air Force Safety Center through the Air Force Safety Automated System.
- 2.10.7.4.1. **(Added-WR-ALC)** Each subordinate unit (i.e., Wing and/or Complex) under the Center will appoint a central NCE program monitor. The Center liaison will be notified by memorandum of (Wing and/or Complex) central NCE program monitor upon their assignment and updated when changes occur. Central NCE program monitors will be appointed by the Wing and/or Complex Commander or civilian equivalent.
- 2.10.7.4.3. **(Added-WR-ALC)** The central NCE program monitor will forward consolidated listings and any discrepancies to the Center NCE liaison. Center NCE liaisons will notify the Command NCE program manager by memorandum of completion of the annual survey and include consolidated Center NCE listings along with any noted discrepancies.
- 2.10.7.4.3.1. **(Added-WR-ALC)** The central NCE program monitors will track discrepancies to closure through either corrective action from the appropriate program office with engineering authority for the item/system or via the MNCL discrepancy reporting system.
- 2.10.7.4.3.2. **(Added-WR-ALC)** The central NCE program monitors will conduct random NCE audits, these audits can or could be with the presence of Quality Assurance representatives or approved unit safety representatives.
- 2.10.7.5.1. **(Added-WR-ALC)** Appoint a group/squadron level NCE monitor(s) that possess, maintain, operate or modify NCE. The organizational level and number of NCE monitors must ensure adequate oversight and accountability of all NCE owned or possessed. Appointment letters will be forwarded to the 78 ABW Weapons SE Manager and WR-ALC central NCE program monitor.
- 2.10.7.5.1.1. **(Added-WR-ALC)** Ensure that NCE monitors are proficient in the use of MNCL.
- 2.10.7.5.2. **(Added-WR-ALC)** NCE monitors will maintain NCE listings and ensure 100% of assigned NCE is validated during the survey. Surveys will be documented at least annually or more if requested. "Assigned" is defined as the organization having the equipment's scheduled inspection responsibility and/or the organization where the NCE is used/operated for software as being end user and on software receipt account. Listings will include unit, location, weapon system, nomenclature, model number, national item identification number (NIIN), part number, computer program identification number (CPIN), and serial number.
- 2.10.7.5.3. **(Added-WR-ALC)** NCE Monitor will validate NCE by using the MNCL.
- 2.10.7.5.3.1. **(Added-WR-ALC)** The MNCL identifies equipment, hardware, and software that are nuclear certified per [DAFI 63-125, Nuclear Certification Program](#). The MNCL is the sole authority for determining nuclear certification status. See DAFI 63-125 for nuclear certification requirements.
- 2.10.7.5.3.2. **(Added-WR-ALC)** Positive identification shall be made by using all possible identification (ID) elements of the nameplate, label, appropriate markings, or by official

documents. If available, only the ID plate, label, or appropriate markings need to be verified against this listing. If a discrepancy (characters do not match) exists with any element of the item identification in this listing, the item is considered not certified until the discrepancy can be resolved. **Note:** The absence of an identifying element on the ID plate or label, when other identifying elements are correct, does not constitute a discrepancy.

- 2.10.7.5.3.3. **(Added-WR-ALC)** For hardware, the ID elements are the part number, NIIN, and model number.
- 2.10.7.5.3.4. **(Added-WR-ALC)** For software, the ID elements are the CPIN and part number. The software data loadout will be used for the F-35A system.
- 2.10.7.5.3.5 **(Added-WR-ALC)** Nuclear certified items will not be marked in any way to indicate nuclear certification status.
- 2.10.7.5.3.6. **(Added-WR-ALC)** For hardware, if the hardware type field has the word 'equipment' the item is NCE.
- 2.10.7.5.3.7. **(Added-WR-ALC)** For software, if the software item is used on hardware which has the word 'equipment' in the hardware type field the software is NCE.
- 2.10.7.5.3.8. **(Added-WR-ALC)** NCE monitors will validate that NCE on their survey is accounted for on equipment custodian's (Defense Property Accountability System (DPAS)) equipment account.
- 2.10.7.5.4. **(Added-WR-ALC)** NCE Monitor will forward NCE listing/survey results to central NCE program monitor and the 78 ABW Weapons Safety Manager (or equivalent/delegated authority) for validation, consolidation, and discrepancy tracking.
- 2.10.9. **(Added-WR-ALC)** NCE monitors (primary) will maintain a continuity binder.
- 2.10.9.1. **(Added-WR-ALC)** NCE monitors (primary) will maintain a continuity binder which will contain the following information:
 - 2.10.9.1.1. **(Added-WR-ALC)** Table of Contents.
 - 2.10.9.1.2. **(Added-WR-ALC)** Tab A - Unit NCE Monitor appointment letter.
 - 2.10.9.1.3. **(Added-WR-ALC)** Tab B - Training certificates/documents.
 - 2.10.9.1.4. **(Added-WR-ALC)** Tab C - Current unit NCE listing (within 30 days of change)
 - 2.10.9.1.4.1. **(Added-WR-ALC)** Listings will include unit, location, weapon system, nomenclature, model number, NIIN, part number, CPIN, and serial number.
 - 2.10.9.1.5. **(Added-WR-ALC)** Tab D - Most recent annual NCE identification survey and discrepancies reported documentation.
 - 2.10.9.1.5.1. **(Added-WR-ALC)** Positive confirmation documentation of NCE additions or turn-ins.
 - 2.10.9.1.5.2. **(Added-WR-ALC)**. Recent/updated photographs of all NCE equipment's identifying markings items.
 - 2.10.9.1.5.3. **(Added-WR-ALC)** Annual extracts from equipment custodian's DPAS equipment account showing group/squadron's NCE.
 - 2.10.9.1.5.4. **(Added-WR-ALC)**. Annual extracts from MNCL verifying NCE.

2.10.9.1.5.5. (Added-WR-ALC) Tab E – Submitted 78 ABW/SE, DULL SWORD Worksheet documentation.

2.10.9.1.6. (Added-WR-ALC) Report for all NCE malfunctions, failures, and abnormalities meeting criteria outlined in Section 4 within three duty days to the 78 ABW/SE Weapons Safety SharePoint site.

2.10.10. (Added-WR-ALC) DULL SWORD Reporting.

Note: Refer to DAFMAN 91-221, *Weapons Safety Investigations and Reports*, for complete criteria.

2.10.10.1. (Added-WR-ALC) Local DULL SWORD procedures are located within AFMC Standardized Training at 78 ABW/SE Weapons Safety SharePoint:
<https://usaf.dps.mil/p:r/sites/21121/layouts/15/Doc.aspx?sourcedoc=%7B6E31A8F6-E4B4-41C1-AB3D-D0D33DE73E4F%7D&action=view&source=https%3A%2F%2Fusaf.dps.mil%2Fsites%2F21121%2FSiteAssets%2FForms%2FAllItems.aspx%3FRootFolder%3D%252Fsites%252F21121%252FSiteAssets%252FWeapons%2520Safety%252FNCE%2520Monitor%2520Training%26FolderCTID%3D0x01200066642E5E20B4EA418289A2F41EC4323F%26View%3D%257BC42FDDA2%252D13E5%252D4A64%252D8A6C%252DE39B2C7A12BC%257D>.

2.10.10.2. (Added-WR-ALC) DULL SWORD worksheet is located at 78 ABW/SE Weapons SE SharePoint. Refer to Figure 1 for directions.

2.10.10.3. (Added-WR-ALC) DULL SWORD reporting timeline: Report within five calendar days.

2.10.10.4. (Added-WR-ALC) Training:

2.10.10.4.1. (Added-WR-ALC) NCE monitors and equipment custodians owning NCE will complete the NCE/MNCL user course located at <https://lms-jets.cce.af.mil/moodle/enrol/index.php?id=13117>. NCE monitors will complete the training prior to appointment and equipment custodians owning NCE will complete the training within 30 days of appointment.

2.10.10.4.2. (Added-WR-ALC) NCE monitors will complete 78 ABW/SE Local AFMC standardized NCE training prior to appointment which can be found at the uniform resource locator listed in Figure 1.

2.10.10.4.3. (Added-WR-ALC) NCE monitors, and central NCE program monitors will complete WR-ALC specific on the job training within 90 days of being appointed or 90 days from this published instruction.

JON A. EBERLAN
Brigadier General
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

DAFI 21-101, *Aircraft and Equipment Maintenance Management*, 20 December 2023
DAFI 63-125, *Nuclear Certification Program*, 16 January 2020
DAFI 63-125, *Nuclear Certification Program, AFMC Supplement*, 10 December 2024
DAFI 91-101, *Air Force Nuclear Weapons Surety Program*, 26 March 2020
DAFI 91-204, *Safety Investigations and Reports*, 10 March 2021
AFI 33-322, *Management of Records*, 23 March 2020
DAFMAN 90-160, *Publications and Forms Management*, 14 April 2022
DAFMAN 90-161, *Publishing Process and Procedure*, 18 October 2023
DAFMAN 91-221, *Weapons Safety Investigations and Reports*, 12 September 2024
AFPD 91-1, *Nuclear Weapons and System Surety*, 24 October 2019

Adopted Forms

DAF Form 679, *Air Force Publication Compliance Item Waiver Request/Approval*
DAF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

ABW – Air Base Wing
AF – Air Force
ICBM – Intercontinental ballistic missile
ID – Identification
CPIN – Computer Program Identification Number
DAFMAN – Department of the Air Force Manual
DPAS – Defense Property Accountability System
MNCL – Master Nuclear Certification Listing
NCE – Nuclear Certified Equipment
NIIN – National Item Identification Number
WR-ALC – Warner Robins Air Logistics Complex

Attachment 2 (Added-WR-ALC) PROCEDURES

Figure 2.1. 78ABW Weapons Safety Page (Dull Sword Reporting Procedures).

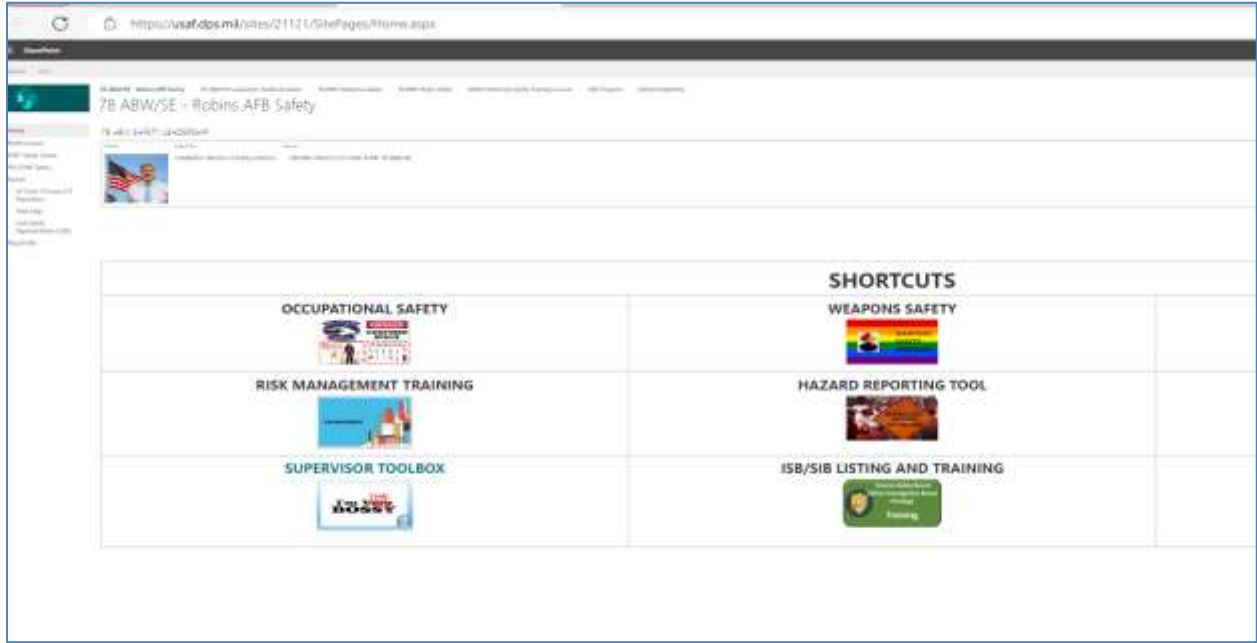


Figure 2.2. Select Nuclear Certified Equipment.

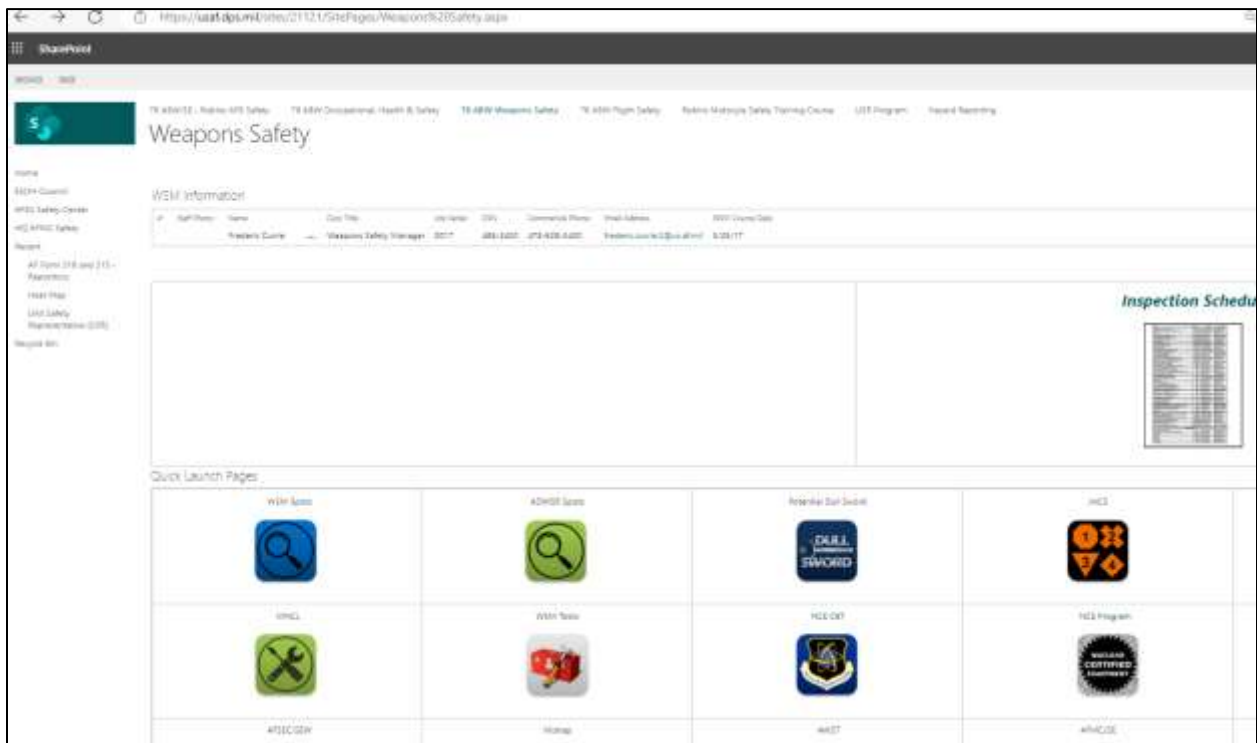


Figure 2.3. Select DULL SWORD Reporting Procedures.



Figure 2.4. AFMC Standardized Training.



Figure 2.5. Examples of DULL SWORD Reporting.

DULL SWORD Reporting UNCLASSIFIED

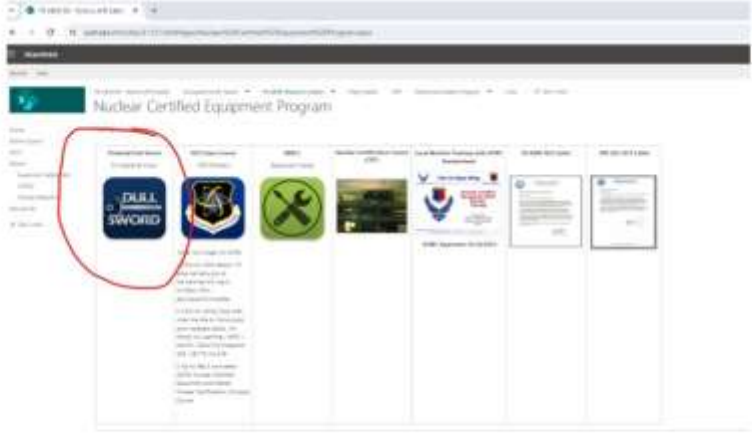
- **Examples of reportable deficiencies**
 - Operational, Security, Maintenance, and Other Examples
 - Malfunction, failure, or anomaly that results in Command & Control indications or critical function activation
 - Malfunction, failure, or anomaly during operations or testing resulting in a safety or coded device to arm or left in an unsafe condition
 - Malfunction or failure of monitoring equipment/software that is part of an intrusion detection system at a nuclear facility
 - Use of uncertified equipment, hardware or software on a nuclear weapon or weapon system
 - Damage to a nuclear weapon, or nuclear certified support/test equipment listed in the MNCL
 - WSSR violations

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Figure 2.6. Select DULL SWORD Icon

Robins AFB DULL SWORD REPORTING UNCLASSIFIED

- Click or copy paste link to WSM SharePoint, NCE Page, Click on Potential Dull Sword Icon
<https://usaf.dps.mil/sites/21121/SitePages/Nuclear%20Certified%20Equipment%20Program.aspx>



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Figure 2.7. Select DULL SWORD Worksheet.

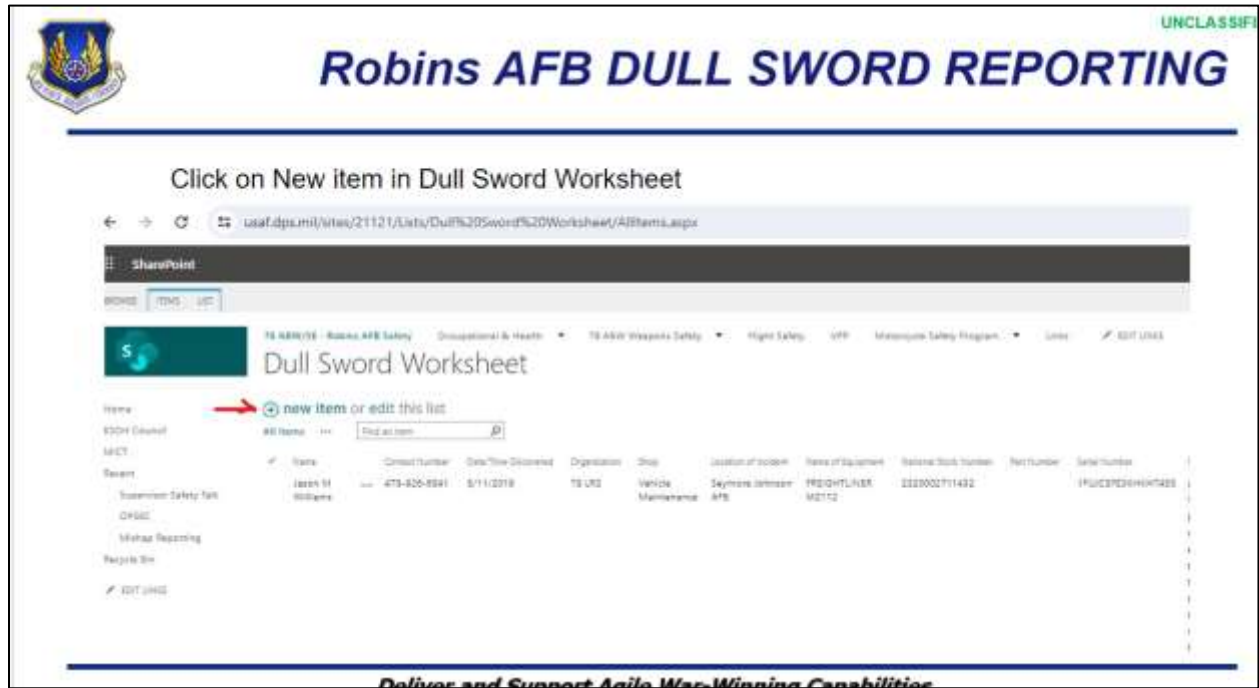


Figure 2.8. Fill Out and Submit Worksheet.

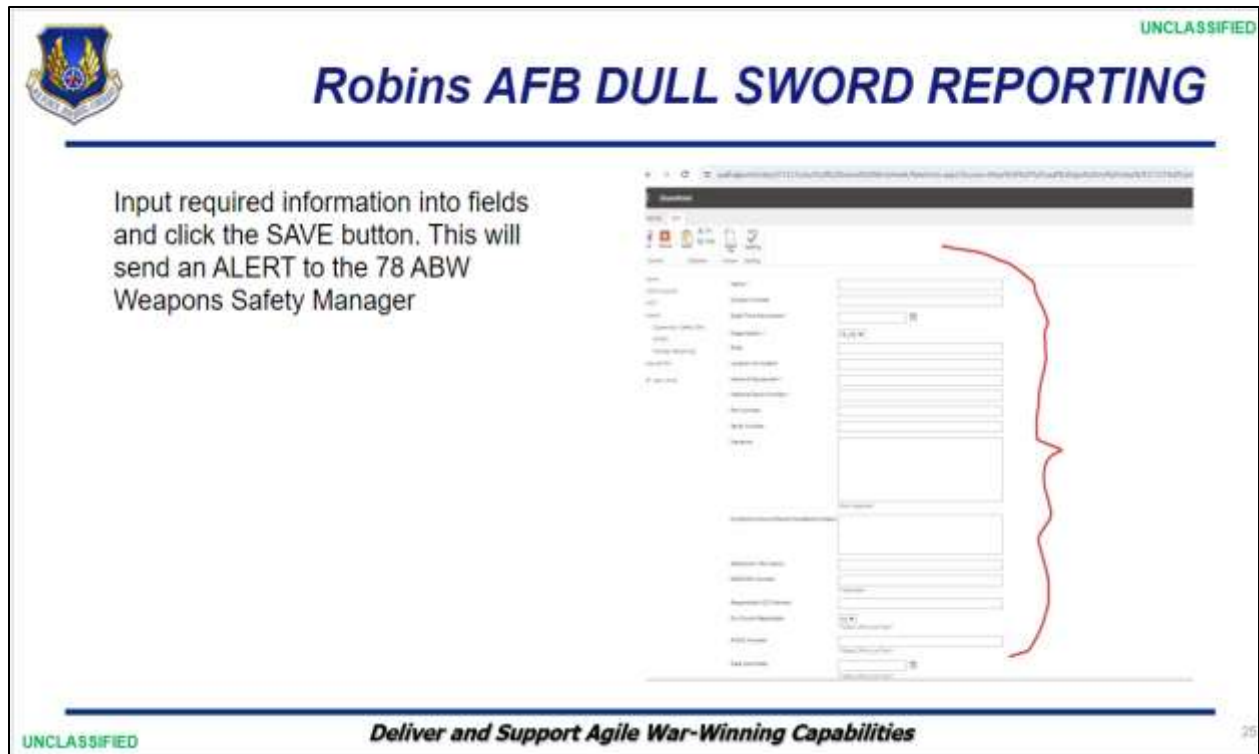


Figure 2.9. DULL SWORD Worksheet.

https://usaf.dps.mil/sites/21121/Lists/Dull%20Sword%20Worksheet/AllItems.aspx

SharePoint

TR ARW/SE - Robins AFB Safety | TR ARW Occupational Health & Safety | TR ARW Weapons Safety | TR ARW Right Safety | Robins Motorcycle Safety Training Course | USF Program | Hazard Reporting

Dull Sword Worksheet

new item or edit this list

All Items Find an item

Name	Contact Number	Date/Time Discussed	Organization	Role	Location of Incident	Name of Equipment	National Stock Number	Part Number	Serial Number	Variable	Corrective Action/Recommendation/Status	Additional Information	Responsible NCE Monitor	Dull
Jason III Williams	478-322-6541	5/11/2019	TR US	Vehicle Maintenance	Seymore Johnson AFB	F85GH7LNER M2112	232000271432	47840	11433	All	Had vehicle towed to the closest F85GH7LNER for warranty repairs.		Elizabeth Roberts-Correa-Koest	Yes
Jason III Williams	478-322-6541	8/04/2020	TR US	Vehicle Management	Bldg 125 Dock 1	Harbin 41 Tug	3620010591583	47840	11433	Member W8 DOWING an empty Horizontal Stabilizer dolly 02089	In my opinion, the vehicle was pushed to much weight. They might want to utilize a NRE or M64 to move the equipment. Replace Pintle Hook...	Delay in processing occurred due to the investigation process. several pieces of equipment were geographically separated from Robins AFB.	Beth Hobbs	Yes