

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
1. TITLE  Technical Data For Munitions (TDM)		2. IDENTIFICATION NUMBER  DI-SAFT-80182B		
3. DESCRIPTION/PURPOSE 3.1 The purpose of this DID is to obtain information necessary for safe and efficient storage, maintenance, inspection and transportation of ammunitions and explosives to be stored on the Eglin Test Ranges.  3.2 This data item meets the requirements of ADR 136-1.				
4. APPROVAL DATE (YYMMDD) 871030	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) F/AFSC-AD	6a. DTIC REQUIRED	6b. GIDEP REQUIRED	
7. APPLICATION/INTERRELATIONSHIP 7.1 This data item description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements for this data included in the contract.  7.2 This data item is applicable to all research and development munitions requiring storage by military personnel.  7.3 This data item supersedes DI-SAFT-80182A.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER F4264	
10. PREPARATION INSTRUCTIONS  10.1 <u>Content.</u>  10.1.1 ITEM DESCRIPTION  a. <u>General:</u> General appearance of the item, including type (fuze, warhead, bomb, etc), part number, nomenclature, serial numbers, and information for visual identification of the item.  b. <u>Physical and Operational Description:</u> Size, diameter, thickness, composition, etc.  c. <u>Operational Description:</u> How the item attaches, assembles, and otherwise works with the end item.  d. <u>Detailed Description of Explosive Train:</u> (Include Quantity and Type of each Explosive Component.)  e. <u>Net Explosives Weight Per Item:</u> (Include total quantity and type of explosives.)  f. <u>Drawings and Schematics (If Available).</u>  (Continued on page 2)				
11. DISTRIBUTION STATEMENT  DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

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## 10. PREPARATION INSTRUCTIONS (CONT'D)

10.1.2 TECHNICAL DATA. List all of the following subitems. Write each topic as listed after each subletter and parenthetical number.

a. Inspection Procedures:

(1) List defects which render the item unsafe. Describe each defect by quantity, dimensions, location, or percent of area coverage which is most applicable to the defect being described.

(2) List defects which render the item unserviceable. Describe each defect by quantity, dimensions, locations, or percent of area coverage which is most applicable to the defect being described.

(3) List defects for which the item is still safe and serviceable. Describe each defect by quantity, dimensions, location, or percent of area coverage, whichever is most applicable to the defect being described.

(4) List corrective actions necessary to return an item from unserviceable to serviceable for each defect noted. For any parts replacement, include Part Number and quantity of items to be replaced.

(5) List inspection time interval and percentage sample size for items to be maintained in storage.

NOTE: The above apply to the item and its container.

b. Packing Criteria:

(1) Quantity per container.

(2) Shipping configuration.

(3) Packaging instructions.

(4) Container requirements (reuseability, humidification and stack height).

c. Storage Criteria:

(1) Shelf and service life defined as follows:

(a) Shelf Life - Shelf life is the period of time that an item can be expected to be safe and serviceable after storage. The starting point for shelf life determination is the date of production of the item.

(b) Service Life - Service life is the period of time that an item can be expected to be safe and serviceable after removal from storage.

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## 10. PREPARATION INSTRUCTIONS (CONT'D)

- (2) Temperature limits.
- (3) Humidity requirements.
- (4) Stock height.
- (5) Requirement for inside or outside storage.
- (6) For items covered under Federal Stock Numbers, include manufacturer's shelf and service life.
- (7) For R&D items which have no Federal Stock Number, include the shelf and service life established by the developing contractor based on test and historical data.

d. Handling Criteria:

- (1) Handling procedures (include fragile areas to avoid).
- (2) Equipment required to handle item.
- (3) Tiedown instructions. Reference AFR 127-100, Chapter 7, or TO 11-1-38 for like items.
- (4) Drop height from which items may be unserviceable. Requires specific footage. When item has been dropped and exceeds this distance, indicate disposition.
- (5) List of armed or hazardous conditions indications.
- (6) Container design safety features.

e. Emergency Procedures: List any precautions and procedures to be used until Explosive Ordnance Disposal (EOD) or fire fighting personnel arrive. (If none or not applicable, so state).

f. Demilitarization Code: Make one of the following statements:

"Demilitarization Code G" (If item contains explosives)

"Demilitarization Code B" (If item is inert)

g. Security Classification: Classified and sensitive items shall be accompanied by a statement of required safeguards and necessary storage requirements.

h. Unit Cost: Actual or estimated unit cost.