

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE Warranty Performance Reports		2. IDENTIFICATION NUMBER DI-MNTY-81217	
3. DESCRIPTION/PURPOSE 3.1 These reports provide information on items under warranty, contractor repair, replacement, and/or reimbursement, and equipment failure data associated with Reliability Improvement Warranties (RIW). 3.2 Data is used to track and access the effectiveness and implementation of the contract warranty provisions and to apprise the Government of the type, severity, and frequency of failure.			
4. APPROVAL DATE (YYMMDD) 910621	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) A/AMC/AMCCE-Q	6a. DTIC APPLICABLE N/A	6b. GIDEP APPLICABLE N/A
7. APPLICATION/INTERRELATIONSHIP 7.1. This Data Item Description (DID) provides instructions for reporting data products generated by the specific and discrete task requirement as delineated in the contract. 7.2 The Warranty Status Report portion is geared to warranty provisions where there is a need for individual warranted item identification, and remedies include repair/replacement, and reimbursements obtained under the warranty provisions. 7.3 The Warranty Data Report portion is geared to warranty provisions where a Reliability Improvement Warranty (RIW) is delineated in the contract or data on reliability/performance achievement is necessary.			
APPROVAL LIMITATION N/A	9a. APPLICABLE FORMS N/A	9b. AMSC NUMBER A6551	
10. PREPARATION INSTRUCTIONS 10.1. <u>General</u> . The Warranty Status Report shall be in contractor format and shall delineate data for each Contract Line Item covered by the warranty. 10.1.1 <u>Content requirements</u> . 10.1.2 <u>Header Information</u> . Header information shall include the following: a. Contract Number. b. Calendar reporting period covered by the Warranty Status Report. 10.1.3 <u>Warranted Item information</u> . For each Contract Line Item Number (CLIN) covered by a warranty delivered to Government during the reporting period (10.1.2.b.), information shall include: a. CLIN. b. National Stock Number (NSN), and Nomenclature. c. Serial Number. d. Delivery Date (Date of Government Acceptance by Execution of DD Form 250). (Continued on Page 2)			
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7.4. It is not intended that all of the requirements contained herein should be applied to every contract. Portions of this DID are subject to [deletion] tailoring depending upon the needs of the procuring activity.

7.5. This DID supersedes DI-MISC-80733, 17 Jan 89 and DI-L-30321A.

- e. Shipping Date.
- f. Destination.
- g. In-service Date. (Date when the Warranted Items are turned over to the field user).
- h. Cumulative data of para 10.1.3 for CLIN items delivered under the contract to the government from contract award to the end of the reporting period.
- i. Cumulative data of para 10.1.3 for CLIN items delivered under the contract to the government for which the warranty has expired from contract award to the end date of the reporting period.

10.1.4 Contractor's plant warranty repair/replacement. For CLINs returned for repair/replacement at contractor's plant during the reporting period, information shall include:

- a. NSN and Nomenclature of returned CLIN item.
- b. Received at plant date.
- b. Serial Number.
- c. Action taken (repaired/replaced/awaiting action/shipped).
- d. NSN/part number and quantity of repair parts used.
- e. Cost of repair/replacement (parts and labor).
- f. Cause of failure.

10.1.5 On-site contractor warranty repair/replacement. For CLINs repaired/replaced on-site (local contractor facilities, dealerships, representatives) by the contractor or designated contractor's representative during the reporting period, information shall include:

- a. NSN and Nomenclature of CLIN item.
- b. Serial Number.
- c. Action taken (repaired/replaced).
- d. NSN/part number and quantity of repair parts used.
- e. Cost of repair/replacement (parts and labor).
- f. Cause of failure.

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10.1.6 Contractor reimbursements to government for warranty repair. For warranty claims submitted to contractor for reimbursement of government costs for warranty repair during the reporting period, information shall include:

- a. Government Warranty Claim Number.
- b. NSN and Nomenclature.
- c. Government claim amount.
- d. Contractor reimbursement amount.
- e. Reason for denial of reimbursement.
- f. Reason for lesser amount of reimbursement than government claim amount.
- g. Status of claim.

10.1.7 Cumulative Data. For paragraphs 10.1.4, 10.1.5, and 10.1.6, cumulative data from contract award to the end date of the reporting period.

10.1.8 Remarks. A remarks section to provide a forum for the contractor to furnish comments/recommendations.

10.2 General. The Warranty Data Report shall be in contractor format and shall delineate data for each Contract Line Item covered by the warranty provisions.

10.2.1 Content requirements.

10.2.2 Program summary. Summary of the program activity as follows:

a. Program detail. The program/RIW start date, reporting period start and cut-off date.

b. Utilization details. The average quantity of installed systems Average Operating Time (AOT) and Total Operating Hours (TOH).

c. Repair detail. The quantity of units returned subdivided by: exclusions (expressed as both a quantity as well as a percent of total units returned), non-verified failures (expressed as both a quantity as well as a percent of total units returned), and warranted failures (QTY); warranty units repaired and total repair days expressed as a quantity.

d. Performance statistics. The achieved Mean Time Between Failures (MTBF) and average Turn Around Time (TAT).

e. Program status. The number by days and operating hours, contract warranty, warranty used and warranty remaining.

10.2.3. Unit summary. Summary of the activity for each type unit (Line Replaceable Unit (LRU)/Shop Replaceable Unit (SRU) as follows:

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a. **Delivery/processing status.** The number of total units delivered, units returned subdivided by: exclusions (expressed as both a quantity as well as a percentage of total units returned), non-verified failures (expressed as both a quantity as well as a percentage of total units returned), and warranted failures (QTY); quantity in repair, quantity in secure storage, quantity reshipped, quantity condemned/lost, quantity on consignment, repair manhours, and repair parts and material costs.

b. **Utilization detail.** The average quantity of units installed and Total Operating Hours (TOH).

c. **Unit cycle time.** The logistics pipeline in average days for the following segments: shipment to contractor receipt, contractor receipt to storage, storage to shipment, shipment to installation, installation to removal, and removal to shipment.

d. **Unit performance.** MTBF (guaranteed/achieved) TAT (guaranteed/achieved).

e. **Unit/detail.** Historical activity of all delivered units as follows: Unit serial number, date to storage, date of Material Release Order (MRO), date shipped. Elapsed Time Indicator (ETI) reading out, configuration code, shipping destination, date installed, aircraft/equipment type and tail/serial number, date removed, date shipped to contractor, date received by contractor, originating activity, ETI reading in and RIW repair code (i.e. warranty exclusion, non-verified failure, warranty failure, etc.)

10.2.4. **Modification status summary.** Each type unit (LRU/SRU) shall contain all Engineering Change Proposals (ECPs) submitted for reliability improvement as follows: ECP number, date submitted, date approved, status code (i.e., gov't approved, automatic approval, disapproved, etc.), configuration code, production effectivity (date) and quantity as well as total percent of units affected and completed.

10.2.5. **Consignment spares inventory.** A listing, indicating units (LRU/SRU) on consignment (loan) to the Government, including the nomenclature, serial number, and date of consignment.

10.2.6. **Parts consumption.** An alpha-numerical listing of all parts contained in the equipment under warranty, indicating the total quantity of each part consumed during repair actions. Data shall include all repair actions from the warranty start date through the required report cut-off date.