

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____	
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D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO.	2. TITLE OF DATA ITEM Comprehensive Engine Management System (CEMS) Reporting	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81324	5. CONTRACT REFERENCE	6. REQUIRING OFFICE OC-ALC/LPF
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7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION				
8. APP CODE	A	11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16				a. ADDRESSEE	
						Draft	Final	
							Reg	Repro

<p>16. REMARKS</p> <p>NSN-2925-01-298-2674. Generator Rotor ; Prime(77445) Part# 4059985 , Vendor(59501) Part# 46122.</p> <p>Contractor's CEMS reporting requirements are located in Technical Order Manual Number 00-25-254-1. Applicable reports are required to be submitted by close of business of the business day following the occurrence of the reportable event. Modes and priority of reporting are as follows:</p> <p>If the Contractor's facility has been issued a CEMS remote terminal, reports shall be input via those terminals. Otherwise; the Contractor shall report on AF Form-1534 and Fax it to Commercial 405-734-9109 / DSN 884-9109 with office symbol OC-ALC/LPRC (CEMS), or mail the completed form to:</p> <p>OC-ALC/LPRC 3001 Staff Drive Ste 1AF1-109B Tinker AFB, OK 73145</p> <p>CEMS Training Points Of Contact: Phil Garrity , Comm-405-734-6640 / Dsn 884-6640. Derek Jones , Comm-405-734-7638 / Dsn 884-7638. derek.jones@tinker.af.mil</p> <p>CEMS Website: https://cews.tinker.af.mil</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">15. TOTAL →</td> <td style="width: 10%; text-align: center;">0</td> <td style="width: 10%; text-align: center;">1</td> <td style="width: 20%; text-align: center;">0</td> </tr> </table>	15. TOTAL →	0	1	0
15. TOTAL →	0	1	0		

G. PREPARED BY <i>Joseph Chesyk</i>	H. DATE 07-29-2003	I. APPROVED BY <i>Joseph Chesyk</i>	J. DATE 07-29-2003
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority.

Item J. Date CDRL was approved.

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item.

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item.

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable.

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.

Item 15. Enter total number of draft/final copies to be delivered.

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administrative and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

DATA ITEM DESCRIPTION			FORM APPROVED OMB NO. 0704-0188	
Public reporting burden for this collection 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 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 22204-4302, and send to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. TITLE Comprehensive Engine Management System (CEMS) Reporting		2. IDENTIFICATION NUMBER DI-MGMT-81324		
3. DESCRIPTION/PURPOSE 3.1 CEMS reporting is used by the government to maintain a complete and accurate worldwide inventory of Air Force engines and modules. The CEMS reporting data consists of aircraft engine and maintenance status information.				
4. APPROVAL DATE 930317	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) F/AFMC-XRC	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract. 7.2 This DID is applicable when contractors report engine and module status or other parts life and status tracking data to the CEMS. <p style="text-align: right;">(Continued on page 2)</p>				
6. APPROVAL LIMITATION	9a. APPLICABLE FORMS AF Form 1534	9b. AMSC NUMBER F6904		
10. PREPARATION INSTRUCTIONS 10.1. <u>Reference documents</u> . The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract. Definitions and/or descriptions of the various data codes authorized for entry in the specified blocks of the Air Force Form 1534 are contained in Technical Order 00-25-254-1. 10.2 <u>Format</u> . Contractor format is acceptable for electronic reporting. Manually prepared data shall be in the format outlined on AF Form 1534. a. <u>Block 1 - Report control symbol (RCS)</u> . The RCS is HAF-LEY(AR) 3215. <p style="text-align: right;">(Continued on page 2)</p>				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

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Block 7, Application/Interrelationship (Continued)

7.3 Publications referenced below may be obtained from Oklahoma City Air Logistics Center/TILD, Tinker AFB, OK 73145-5000.

7.4 This DID supersedes DI-L-3351A.

Block 10, Preparation Instructions (Continued)

- b. Block 2 - Subsystem identifier. Indicate an "S" for status reporting or "C" for configuration reporting.
- c. Block 3 - CII designation. The configured item identifier (CII) of the item being reported.
- d. Block 4 - Serial number. The item serial number.
- e. Block 5 - Occurrence date/hour. The julian date and time the status change or event being reported occurred.
- f. Block 6 - Stock record account number (SRAN). The SRAN number assigned to the reporting activity.
- g. Block 7 - Command. The applicable major command (MAJCOM) and subcommand codes or contractor command code for the reporting activity.
- h. Block 8 - Organization code. Not applicable for contractor reporting.
- i. Block 9 - Engine ownership account. The one position engine ownership account code.
- j. Block 10 - Engine type report. The engine type report code.
- k. Block 11 - Part number. The part number is found on the data plate.
- l. Block 12 - Transaction code. The transaction code, selected from the codes contained in this block of the AF 1534, which describes the action being reported.
- m. Block 13 - Condition code. The condition code, selected from the codes contained in this block of the AF 1534, which describes the condition code applicable to the item being reported.
- n. Block 14 - To/from command/SRAN. The shipped to/from command and the SRAN number. This block is blank for reports of transfer to or from classified projects.
- o. Block 15 - Type of shipping device. The applicable four (4) position shipping device code selected from the codes contained in TO. 00-85-20.

Block 10, Preparation Instructions (Continued)

- p. Block 16 - Sequence control number. The sequential control number assigned to each report prepared.
- q. Block 17 - Engine related how malfunction (HOW MAL) code. The appropriate engine related HOW MAL code. This entry is not applicable to missile engines.
- r. Block 18 - Reason for return to overhaul code. The appropriate reason for return to overhaul code.
- s. Block 19 - Reparable engine serial number. The serial number of the reparable engine being replaced by the serviceable shipment.
- t. Block 20 - Primary/secondary HOW MAL. The HOW MAL code for a module removed from an uninstalled engine.
- u. Block 21 - Security assistance program (SAP) number. On "K" reports for engines gained to or from a SAP country, the SAP identification number.
- v. Block 22 - Document number/national stock number (NSN).
- (1) The debit or credit number from the document covering gain and loss transactions.
 - (2) A local document number is optional for transaction codes "F", "N", and "P" for on-SRAN transfers of engines/modules.
 - (3) For uninstalled reimbursable account transfer ("K" type report) to a non-Air Force account (SAP, Navy, Army, Federal Aviation Agency (FAA), etc.), the requesting activity's requisition number provided by the prime engine manager.
 - (4) The NSN, dashes omitted, for establishing and updating a cannibalization record for the item cannibalized ("2L" transaction code).
- w. Block 23 - Engine flying time. Normally obtained from the AFTO Form 781J, Aerospace Vehicle - Engine Flight Document or the AFTO Form 95, Significant Historical Data.
- x. Block 24 - Cycle sortie count. Normally obtained from the AFTO Form 781J, Aerospace Vehicle Flight Document or the AFTO Form 95, Significant Historical Data.
- y. Block 25 - Error sequence number. The sequence number from the transaction for which an error correction is being submitted.
- z. Block 26. Type, model, series, modification (TMSM). The TMSM of the engine being reported.

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Block 10, Preparation Instructions (Continued)

- aa. Block 27 - Next higher assembly (NHA) designator. The NHA designation of the item upon which the reported item is being installed.
- bb. Block 28 - NHA serial number. The serial number of the NHA upon which the reported item is being installed.
- cc. Block 29 - Position no. The digit indicates the position in which the engine is installed in the aircraft.
- dd. Block 30 - Remarks. "AF 1557" is entered if additional forms for engine recorder device reports are attached.

**Comprehensive Engine Management System
(CEMS)
Lessons Learned Checklist**

To properly load items into the Tinker Air Logistics Center CEMS Program database the following procedures should be adhered to. Note, only items procured that are time replacement items should be loaded into the CEMS System.

- ❖ Locate the items by clicking on the References Icon located on your desktop.
- ❖ Click on the Tech Manual Library for F100 / F200, 220 or 229 T.O. items in Section 5 of dash 14 for -100/200, Dash 24 for -220/220E and dash 54 for -229 apply.
- ❖ Click on the Illustrated Parts Breakdown
- ❖ Click on the tab in the left hand column that says “Time Replacement Items”. This will pull up a table, which will provide the Configuration Item Identifier (C.I.I.), the part number, time limits and item name. For individuals requiring assistance in locating this information or determining if an item qualifies they may contact The Logistics Liaison Office @ Tinker AFB, DSN 884-8797.
- ❖ DD Form 1423-1 must be filled out by the contractor and forwarded to the address given on the form. (See attached). Note, all contracts that require CEM’s information must be written so that the contractor is responsible for updating the database. The information that they must supply is the C.I.I., Serial Number and Part Number. If a contractor needs assistance or training on how to do this they may contact Mr. Phil Garrity @ COM 405-734-6640 or DSN 884-6640. The CEM’s website is <https://cews.tinker.af.mil/>.
- ❖ Special Note- to open Form Flow document 1423-1 August 96 edition
 1. Click on Access For and say yes
 2. Click on Open Form
 3. Click on Allow Access and say yes
 4. Enlarge screen to view