TECHNICAL BULLETIN

ONE TIME INSPECTION AND CONVERSION OF FORMS AND RECORDS FOR T700-GE-700, -701 AND -701C SERIES GAS TURBINE ENGINES

HEADQUARTERS, DEPARTMENT OF THE ARMY
30 JUNE 1994

ROUTINE

TB 1-2840-248-20-2

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

ONE TIME INSPECTION AND CONVERSION OF FORMS AND RECORDS FOR T700-GE-700, -701 and -701C SERIES GAS TURBINE ENGINES

Headquarters, Department of the Army, Washington. D. C.
30 June 1994

NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL 30 JUNE 1996
UNLESS SOONER RESCINDED OR SUPERSEDED

1. Priority Classification. ROUTINE

a. Aircraft in Use - Upon receipt of this technical bulletin the condition status symbol of the cited aircraft will be changed to a Red Horizontal Dash // - //. The Red Horizontal Dash // - // may be cleared when the correction procedures of paragraph 9 are completed. The affected aircraft shall be inspected as soon as practical but no later than the Task/Inspection suspense date. Failure to comply with the requirements of this Technical Bulletin within the time frame specified will cause the status symbol of the affected aircraft to be upgraded to a Red // X //.

b. Aircraft in Depot Maintenance - Aircraft will not be issued until compliance with this Technical Bulletin has been completed.

c. Aircraft Undergoing Maintenance - Aircraft will not be issued until compliance with this Technical Bulletin has been completed.

d. Aircraft in Transit.

(1) Surface/Air Shipment - Within 60 days of arrival at final destination.

(2) Ferry Status - Inspect within 60 days of arrival at final destination.

e. Maintenance Trainers - Category A and B. Same as paragraph 1a. Category C. N/A

f. Components/Parts in Stock Including War Reserves at All Levels (Depot and Others) - This Technical Bulletin will be complied with within thirty days of issue to the unit that will operate the equipment**.**

2. Task/Inspection Suspense Date. Within 60 days from the date of this Technical Bulletin.

3. Reporting Compliance Suspense Date. N/A.

4. Summary of Problem.

a. DA Pamphlet 738-751, 15 June 1992, prescribed recordkeeping procedures for T700-GE-700, 701 and 701C engines used on H-60 and AH-64 series aircraft. The procedures for completion of DA Forms 2408-16-1 and 2410 do not provide adequate historical information at the national level to reconstruct engine historical records when required. The instructions in this Technical Bulletin will be followed until the next revision of DA Pamphlet 738-751 is fielded.

b. For manpower/downtime and funding impacts see paragraph 12.

c. The purpose of this Technical Bulletin is to:

(1) Require a conversion of all T700-GE-700, 701 and 701C engine records to a new recordkeeping system.

(2) Require a one time DA Form 2410 reporting of all T700-GE-700, 701 and 701C engines.

(3) Prescribes recordkeeping procedures for all T700-GE-700, 701 and 701C engines repaired or overhauled at depot level.

(4) Deletes the requirement of TB 1-1500-341-01 to enter engines on the aircraft Condition Change (CC) DA Form 2408-16.

5. End Items to be Inspected. All H-60 and AH-64 Series Helicopters.

6. Assembly Components to be Inspected.

NOMENCLATURE	PART NO.	NSN
Engine, Assembly T700-GE-700	6035T00G01	2840-01-070-1003
Engine, Assembly T700-GE-701	6044T06G01	2840-01-114-2211
Engine, Assembly T700-GE-701C	6071T24G01	2840-01-284-4011

7. Parts to be Inspected. N/A.

8. Inspection Procedures.

a. Locate the engine DA Form 2408-16, engine DA Form 2410, or DA Form 2408-16-1, as applicable, to determine the total cumulative counts for each engine and all reportable installed subcomponents.

b. Obtain the current history recorder reading from each engine.

9. Correction Procedures.

a. Determine the total cumulative counts for each engine using the current history recorder reading and existing engine historical records.

b. A one time usage report will be submitted using DA Form 2410. Prepare a Copy 3 of DA Form 2410 for each engine. Prepare the DA Form 2410 per the instructions in this Technical Bulletin for preparing a Copy 3 installation. Use the current history recorder reading and total cumulative counts when preparing the DA Form 2410. Use failure code "999" in block 10 of the DA Form 2410. If the engine is uninstalled enter "uninstalled" in block 41 of the DA Form 2410. Mail the DA Form 2410 to Commander, USAATCOM, ATTN: AMSAT-I-MDO (TACTS), 4300 Goodfellow Blvd., St. Louis, MO 63120-1798.

c. Line out the engine entry on the aircraft condition change DA Form 2408-16 and remove the engine DA Forms 2408-16, 2408-16-1, or 2408-15 Overprint from the historical records. Retain these engine records for one year then destroy the form.

d. Initiate the DA Forms 2408-16-1 required by the 1994 edition of TB 1-500-341-01 for each engine following the procedures in paragraph 14 (Installation).

e. All future DA Forms 2410 and 2408-16-1 prepared for the engines will be completed per the instructions in paragraph 14 of this Technical Bulletin.

f. If the engine historical data cannot be obtained to complete the one time DA Form 2410 report or the

DA Forms 2408-16-1, contact the DA Form 2410 Hotline, Voice: DSN 693-1879, Commercial (314) 263-1879 or FAX: DSN 693-2075, Commercial (314) 263-2075.

10. Supply/Parts and Disposition. N/A.

11. Special Tools, Jigs, and Fixtures Required. N/A.

12. Application.

a. Category of Maintenance. AVUM.

b. Time Required.

(1) Total of 4.0 manhours using 1 person.

(2) There will be no downtime for end items.

c. Estimated Cost Impact of Stock Fund Items to the Field. N/A.

d. TB/MWOs to be Applied Prior to or Concurrently with this Inspection. TB 1-1500-341-01.

e. Publications Which Require Change as a Result of this Technical Bulletin. DA Pamphlet 738-751 will be revised to include the new recordkeeping procedures for T700-GE-700, 701 and 701C engines.

13. References.

a. TB 1-1500-341-01, Aircraft Components Requiring Maintenance Management and Historical Data Reports, 2 Feb 93.

b. DA Pamphlet 738-751, Functional Users Manual for the Army Maintenance Management System - Aviation (TAMMS-A), 15 Jun 92.

14. Recording and Reporting Requirements.

a. Reporting Compliance Suspense Date (Aircraft). N/A.

b. Task Inspection Reporting Suspense Date (Aircraft). N/A.

c. Reporting Compliance Suspense Date (Spares). N/A.

d. Task/Inspection Reporting Suspense Date (Spares). N/A.

e. The following forms are applicable and are to be completed in accordance with DA Pam 738-751, 15 Jun 92.

NOTE: Unit Level Logistics System - Aviation (ULLS-A) users will use the forms and records instructions contained in this TB and maintain the required forms manually until the ULLS-A program is updated.

(1) DA Form 2408-13, Aircraft Status Information Record.

(2) DA Form 2408-13-1, Aircraft Inspection and Maintenance Record. Enter the requirements of this Technical Bulletin for each aircraft.

(3) DA Form 2408-5-1, Equipment Modification Record Component (Engine). Record completion of this Technical Bulletin on the engine DA Form 2408-5-1.

(4) DA Form 2410, Component Removal and Repair/Overhaul Record (One Time Usage Report). Using Copy 3 of the DA Form 2410 prepare a installation copy for each engine.

(a) he instructions for completion of T700/T701/T701C forms and records augment the forms and records instruction contained in DA Pamphlet 738-751. These instructions will be included in the next revision of the pamphlet. All completed DA Forms 2410 mailed to USAATCOM should be addressed: Commander, U.S. Army Aviation and Troop Command, ATTN: AMSAT-I-MDO (TACTS), 4300 Goodfellow Blvd., St. Louis, MO 63120-1798.

(b) Total cumulative counts are defined as the total LCF-1, LCF-2, T/TI and operating hours since new. Total cumulative counts are calculated using the engine history recorder reading at installation and removal plus any previous cumulative counts at the time of installation. All data required to calculate total cumulative counts is entered on the DA Form 2408-16-1.

NOTE: Words and acronyms such as "new," "unk" or "N/A" will not be used on this form due to automation tasks to be done at the national level.

(c) **Preparation Instructions (By Block Number and Title) For Completion of Copy 2 of a DA Form 2410 For Gains to the Army Inventory (Figure 1).** Copy 1 of DA Form 2410 is not used for gains, discard it.

SECTION I--IDENTIFICATION COPY 2

Block 1. Nomenclature. Enter the item name.

Block 2. NSN. Enter the national stock number of the item.

Block 3. Part number. Enter the part number of the item.

Block 4. Serial number. Enter the serial number of the item. Do not enter more than one serial number in this block.

Block 5. CAGE code. Enter the Contractor and Government Entity (CAGE) code for the item, (this code can be found on the data plate for the part or in the -23P manual). If you cannot find this code, leave this block blank.

Block 6. No of prev O/Hs. For Retirement Life Components/Modules (RC) and Condition Components/Modules (CC), enter "RC" or "CC" in this block. See TB 1-1500-341-01 to determine whether the item is an RC or CC item.

Block 7. Time since last inst (hrs). Enter "O".

Block 8. Time since new (Hrs). Enter the total number of operating hours to the nearest hour that the item has been operated since it was new.

Block 9. Time since overhaul (Hrs). If the item has been overhauled before, enter the number of hours to the nearest hour that the item has been operated since the last overhaul. If the item is a RC or CC item, enter "RC" or "CC" in this block.

Block 10. Failure code. Enter the removal/achievement code "SC1" from Table 1-4 of DA Pamphlet 738-751.

Block 11. WUC (Work Unit Code). Enter the work unit code which applies for the item. (See TB 1-1500-341-01)

Block 12. Position code. Leave blank.

Block 13. Component cumulative count/hours. Enter the total cumulative counts for the item entered in block 1. This entry is required for engines, history recorders, modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. Operating hours only will be entered for components and modules entered on the engine DA Form 2408-16-1 that are not required to have a separate DA Form
2408-16-1.

SECTION III REPAIR/OVERHAUL/GAIN DATA.

Blocks 14 through 26. Do not make entries in these blocks.

Block 32. Date checked. Enter the julian date that the item listed in block 1 was declared serviceable by the manufacturer/contractor or the item was accepted into the Army inventory by the receiving unit.

Block 33. Signature and telephone number. Enter the signature and telephone number of the manufacturer's/contractor's representative declaring the item serviceable. Acceptance into the Army inventory is via DD Form 250 (Material Inspection and Receiving Report). Army units receiving items without DA Form 2410 will fill out the forms and sign in this block as gained in the Army inventory. Also related information on the item and origin of shipment will be provided to ATCOM, ATTN: AMSAT-I-MDO.

Block 34. UIC (this action). Enter the Unit Identification Code for the organization taking this action. If a contractor, enter the CAGE code prefixed with a "K."

Block 35. Manhours to repair/overhaul. Leave this block blank.

Block 36. Inspection and action code. Enter an "A" in the small block next to serviceable or appropriate letter in other blocks as it applies. Do not use check marks.

Block 37. Reason for gain. Enter "A" for new manufactured items, or other codes from Table 1-16 which best describes the reason for gain.

Block 38. Maintenance level. Leave this block blank.

Block 39. UIC (shipped to). Leave this block blank.

Block 40. Actual failure code. Leave this block blank.

Remarks block. Enter the contract number that the item in block 1 was procured through. Provide any information not considered routine.

SECTION IV--INSTALLATION/LOSS Copy 3.

36. Inspection & action code. Enter an "A" in the block next to serv.

NOTE: Mail Copy 2 to USAATCOM. Copy 3 remains with the item entered in block 1 until installation.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1 NOMENCLATURE	2. NSN	3. PART NUMBER
952663	Cold Section Module	2840-01-284-4013	6035T02G01

4 SERIAL NUMBER	5 CAGE CODE	6 NO OF PREV O/Hs	7 TIME SINCE LAST INST (HRS)	8 TIME SINCE NEW (HRS)	9 TIME SINCE OVERHAUL (HRS)	10 FAILURE CODE
GE-C-002189	99207	CC	0	0	CC	SC1

11 WUC	12 POSITION CODE	13 COMPONENT CUMULATIVE COUNTS HOURS			
		13a. LCF 1	13b LCF 2	13c. TTI	13d. OP HOURS
04A01		0	0	0	0

SECTION III - REPAIR/OVERHAUL/GAIN

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)

32. DATE CHECKED	33. SIGNATURE AND TELEPHONE NUMBER	34. UIC (THIS ACTION)	35. MANHOURS TO REPAIR/OVERHAUL
3067	R. Rodriguez 618-555-1212	K99207	

36. INSPECTION AND ACTION CODES						37. REASON FOR GAIN	38. MAINT LEVEL	39. UIC (SHIPPED TO)	40. ACTUAL FAILURE CODE
A	(A) SERV		(E) REPAIR		(G) REBUILT	A			
		(D) REMFG		(F) O/HAUL					

REMARKS

DA FORM 2410, JAN 92 — REPAIR/OVERHAUL/GAIN COPY 2

Figure 1. Sample of a completed DA Form 2410 for gains to the Army inventory

(d) **Preparation Instructions For Completion of Copy 1 of a DA Form 2410 For Normal Removal and Evacuation (Figure 2).**

SECTION I--IDENTIFICATION

Block 1. Nomenclature. Enter the item name.

Block 2. NSN. Enter the national stock number of the item.

Block 3. Part number. Enter the part number of the item.

Block 4. Serial number. Enter the serial number of the item. Do not enter more than one serial number in this block.

Block 5. CAGE code. Enter the Contractor and Government Entity (CAGE) code for the item, (this code can be found on the data plate for the part or in the TM-23P manual). If you cannot find this code, leave this block blank.

Block 6. No. of prev O/Hs. For Retirement Life Components/Modules (RC) and Condition Components/Modules (CC), enter RC or CC in this block. See TB 1-1500-341-01 to determine whether the item is an RC or CC item.

Block 7. Time since last instl (hrs). Enter the number of hours to the nearest hour that the item has been operated since it was last installed. Get this information from the DA Form 2408-16-1 by subtracting the total cumulative hours at installation from the total cumulative hours at removal (See Fig. 15). If the item is new, enter "O".

Block 8. Time since new (Hrs). Enter the total number of operating hours to the nearest hour that the item has been operated since it was new. Get this information from the DA Form 2408-16-1.

Block 9. Time since overhaul(hrs). If the item is a RC or CC item, enter "RC" or "CC" in this block.

Block 10. Failure code. Enter the failure code (Table 1-2 and 1-3) or the removal/achievement code (Table 1-4) that best describes the reason why the item was removed. If it applies, use the removal/achievement code to show status changes for uninstalled reportable items. (Refer to DA Pamphlet 738-751 for Tables 1-2, 1-3, and 1-4.)

Block 11 WUC. Enter the work unit code (WUC) which applies for the item in block 1. (See TB 1-1500-341-01).

Block 12. Position code. Enter the engine position for multiengine aircraft. (Left engine is number 1, right engine is 2). Leave blank for other aircraft.

Block 13. Component cumulative counts/hours. Enter the total cumulative counts for the item entered in block 1. This entry is required for engines, history recorders, modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. Operating hours only will be entered for components and modules entered on the engine DA Form 2408-16-1 that are not required to have a separate DA Form 2408-16-1.

SECTION II REMOVAL DATA

This section is completed by the organization that removed the reportable item from its next higher assembly.

Block 14. Removed from (nomen NHA). Enter the name of the next higher assembly, for example, helicopter, engine, cold section module, or other components/modules, from which the item in block 1 was removed. Refer to Section. I of TB 1-1500-341-01 to determine the next higher assembly.

Block 15. NSN (NHA) . Enter the National Stock Number of the item in block 14.

Block 16. Part number (NHA). Enter the part number of the item listed in block 14. If item in block 14 is an aircraft leave this block blank.

Block 17. Serial number (NHA). Enter the serial number of the item entered in block 14. If item in block 14 is an aircraft leave this block blank.

Block 18. Hours (NHA). Enter the number of hours to the nearest hour on the item in block 14 at the time that the item in block 1 was removed. When the item in block 14 is a module, component, or engine enter the time
since new.

Block 19. History recorder serial number. Enter the history recorder serial number. If a module or component is entered in block 14 leave this block blank.

Block 20. History recorder/hour meter readings. Enter the total cumulative counts for the item entered in block 14. Obtain the total cumulative counts from line 5 of the DA Form 2408-16-1 for the item entered in block 14. This entry is required for engines, history recorders, modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. If the helicopter is entered in block 14, enter the engine history recorder reading in this block.

Block 21. Aircraft model. Enter the Mission Design Series (MDS) of the aircraft from which this item was removed from. For example, UH-60A, AH-64A, and so on. If the item in block 14 is an engine or module, leave blank.

Block 22. End item code (EIC). Enter the end item code of the aircraft that the item in block 1 was removed. If the item in block 14 is an engine or module, leave blank. EIC can be found in Appendix D.

Block 23. Aircraft S/N. Enter the serial number of the aircraft from which the item in block 1 was removed. Use seven numerical digits for the aircraft serial number. For example, 8423456 or 8506789.

Block 24. Maint level. Enter the maintenance level of the unit/activity doing the removal. ("0" for AVUM, "F" for AVIM, "D" for depot.)

b Enter the julian date that the removal action was completed.

Block 26. UIC (this action). Enter the unit identification code for the organization taking this action. If a contractor, enter the CAGE code prefixed with a "K."

Block 27. Manhours (to remove). Enter the manhours it took to remove the item in hours and tenths. (See time conversion codes, Table 1-13 at the end of chapter one of DA Pamphlet 738-751 or DA Form 2408 (Equipment Log Assembly).

Block 28. UIC (shipped to). Enter the unit identification code of the unit to whom the removed item is being shipped. If the item is shipped to a contractor enter the CAGE prefixed with a "K". If unknown, leave blank.

Block 29. Signature and telephone number. The individual verifying entries and the completed action will sign this block and enter their phone number. The phone number provided can be used at the national level to clarify entries.

Block 30. Malfunction code. Enter the malfunction effect code from Table 1-7 or DA Form 2408 (Equipment Log Assembly) which most closely described the effect the malfunction had on the mission.

Block 31. When discovered. Enter the when discovered code from Table 1-5 of DA Pamphlet 738-751 or the front side of DA Form 2408 (Equipment Log Assembly) that identifies when the failure was first detected.

Remarks block. Provide any information that may be helpful to the higher level maintenance activity that repairs the item, to include location of leaks, breakage, or suspected reason for the fault. Complete information can save time and dollars. (This information will be entered on copy 2). Mail copy 1 to USAATCOM.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD

For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952664	Power Turbine Module	2840-01-083-2959	6038T61G01

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GE-L-009976	99207	CC	540	1199	CC	317

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A03	1	000901	002674	003108	001199

SECTION II - REMOVAL DATA

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
Engine	2840-01-070-1003	6035T00G01	GEE207702

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS
1232	CA000547	000629	002351	004003	001232

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)
			F	3124	WADLDO

27. MANHOURS (TO REMOVE)	28. UIC (SHIPPED TO)	29. SIGNATURE AND TELEPHONE NUMBER	30. MALFUNCTION CODE	31. WHEN DISCOVERED
8.0		B Jones 205 314-5656	2	T

REMARKS

DA FORM 2410, JAN 92
EDITION OF MAY 81 IS OBSOLETE

REMOVAL REPORT COPY 1

Figure 2. Sample of a completed DA Form 2410 for normal removal and evacuation.

(e) **Preparation Instructions For Completion of Copy 2 of a DA Form 2410 For Repair, Rebuild and Overhaul (Figure 3).**

SECTION III--REPAIR/OVERHAUL/GAIN DATA. This section appears on the lower half of copy 2. Entries in this section as well as block 36 of copy 3 are made by the organization that returns the item to a serviceable condition. The same organization will also update blocks 6, 7, 8, 9, 10 and 13 by lining out existing entries and providing the correct data.

Block 13. Component cumulative counts/hours. If the item entered in block 1 is a module, which has been operated on a slave engine to ensure serviceability after repair, the component cumulative counts/hours must be updated. Calculate the LCF-1, LCF-2, T/TI counts and operating hours accumulated by the module while operating on the slave engine and add these counts/hours to the total cumulative counts entered in block 13. Line out the existing figures in blocks 8 and 13 and enter the updated counts/hours in block 13 and time since new in block 8 above the old figures. Ensure that line 1 of the DA Form 2408-16-1 for the module and blocks 8 and 13 of the DA Form 2410, Copy 3 are also updated at this time.

Block 32. Date checked. Enter the julian date that the action shown in block 36 was completed**.**

Block 33. Signature and telephone number. The person verifying the entries will sign this block and enter their phone number (DSN/AUTOVON or commercial). The phone number provided can be used to clarify entries.

Block 34. UIC (this action) . Enter the unit identification code of the organization that completed the action shown in block 36. If a contractor enter your CAGE code prefixed with a "K".

Block 35. Manhours to repair/overhaul. Enter the total manhours in hours and tenths of an hour it took to repair, overhaul, or rebuild the item. (See time conversion chart Table 1-13 in DA

Pamphlet 738-751 at the end of chapter 1 or as listed on the backside of DA Form 2408 (Equipment Log Assembly).

Block 36. Inspection and action codes. If the item is found serviceable enter "A" in the small block next to serv (serviceable). When an unserviceable item is returned to serviceable status enter D, E, F, or G in the block that applies. Do not use check marks.

Block 37. Reason for gain. Leave this block blank since these instructions are for repair/overhaul only.

Block 38. Maint level. Enter the level of the maintenance unit performing the action indicated in block 36. ("0" for AVUM, "F" depot.)

Block 39. UIC (shipped to). Leave this block blank.

Block 40. Actual failure code. Block 10 of this form identifies the apparent failure code or reason for removal code at removal time for the item listed. Upon further disassembly and repair,

the root cause for failure may be found to be different than that observed at time of removal. The overhaul/repair facility will enter the actual failure code in this block. See Table 1-2, 1-3, or 1-4 in DA Pamphlet 738-751 at the end of chapter 1 for selection of the actual failure code. Line through the failure code in block 10, copy 2 and 3 after repair, overhaul, rebuild, or inspection and enter "SC1". Condition status and other data of the item after repair, overhaul, rebuild or inspection as indicated in blocks 10 and 36, copy 2 and 3, will be annotated on the materiel condition tag/label (DD Form 1574/1574-1) and attached to the reportable item.

Remarks block. Enter the contract number authorizing repair of the item entered in block 1, if applicable. Provide brief pertinent remarks for the action checked in block 36.

NOTE: After all needed entries are completed on copy 2 front and backside mail the form to USAATCOM. Update copy 3 blocks 36, 6, 7, 9, 10, and REMARKS (same as copy 2) then ship with the serviceable component/module.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG	REQUIREMENT CONTROL SYMBOL CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952664	Power Turbine Module	2840-01-083-2959	6038T61G01

4. SERIAL NUMBER	5. CAGE CODE	6. NO OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GE-L-009976	99207	CC	~~540~~ 0	~~1199~~ 1205	CC	~~317~~ SC1

11. WUC	12. POSITION CODE
04A03	1

13. COMPONENT CUMULATIVE COUNTS/HOURS

13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
009969 ~~000901~~	002685 ~~002674~~	003110 ~~003108~~	001205 ~~001199~~

SECTION III - REPAIR/OVERHAUL/GAIN

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
Engine	2840-01-070-1003	6035T00G01	GEE207702

18. HOURS (NHA)	19. HISTORY RECORDER S/N
1232	CA000547

20. HISTORY RECORDER/HOUR METER READING

20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS
000629	002351	004003	001232

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)
			F	3124	WADLDO

32. DATE CHECKED	33. SIGNATURE AND TELEPHONE NUMBER	34. UIC (THIS ACTION)	35. MANHOURS TO REPAIR/OVERHAUL
3180	R. Jason 618 555-1212	WOMUAA	13.0

36. INSPECTION AND ACTION CODES						37. REASON FOR GAIN	38. MAINT LEVEL	39. UIC (SHIPPED TO)	40. ACTUAL FAILURE CODE
(A) SERV		E	(E) REPAIR		(G) REBUILT		D		317
	(D) REMFG		(F) O/HAUL						

REMARKS

DA FORM 2410, JAN 92 REPAIR/OVERHAUL/GAIN COPY 2

Figure 3. Sample of a completed DA Form 2410 for repair, rebuild and overhaul.

(f) **Preparation Instructions For Completion of a DA Form 2410. Backside of Copy 2 (Figure 4).** Used to list repair parts replaced during repair, overhaul or rebuild of the item in block 1. It will be completed by the maintenance activity including depot level maintenance, organic or contractor support that completes the maintenance. When repair parts with serial numbers are reported, parts will be listed individually as a quantity of 1. All parts used except common, bulk issued hardware will be listed as follows:

a. Fail code. Enter the failure code that best describes the reason why the item was removed and replaced. If an item is removed to achieve other maintenance actions the removal/achievement code that applies will be entered in this block. (See Table 1-2, 1-3, or 1-4 in DA Pamphlet 738-751.)

b. Qty. Enter the total quantity for each part.

c. Act. Enter the maintenance action code; "A" replaced, "B" adjusted, "C" repaired (Nonserialized). (See Table 1-10 in DA Pamphlet 738-751.)

d. Nomenclature. Enter the name of the part.

e. Part number. Enter the manufacturers part number.

f. Serial number. Enter the serial number for each part removed. If the part does not have a serial number, leave blank.

g. Cumulative counts/hours last depot repair. For T700/701/701C series engines enter the total cumulative counts in block g upon removal of repair parts, that required history recorder information, from engines or modules. The counts and operating hours can be found on the DA Form 2408-16-1. Leave this block blank if parts removed are from engines or components that do not require history recorder counts.

42 PARTS REPLACED DURING REPAIR/OVERHAUL

FAIL CODE a	QTY b	ACT c	NOMENCLATURE d	PART NUMBER e	SERIAL NUMBER f	g. CUMULATION COUNTS/HOURS LAST DEPOT REPAIR			
						LCF - 1	LCF - 2	TTI	OP HRS
701	1	A	Stage 3 Tur-	6038T31P01	GCA12345	000901	002674	003108	001199
			bine Disk						
701	1	A	Stage 3 Blade	6038T39P02	56787	000901	002674	003108	001199
			Set						

REVERSE OF COPY 2 OF DA FORM 2410, JAN 92

Figure 4. Sample of a completed DA Form 2410, Reverse Side of copy 2.

(g) **Preparation Instructions For Completion of Copy 3 of a DA Form 2410 For Installation (Figure 5).**

SECTION IV INSTALLATION/LOSS

Block 41. Installed on (nomen NHA). Enter the name of the next higher assembly on which the reportable item is installed, for example, engine, cold section module, etc.

Block 42. NSN (NHA). Enter the national stock number of the item in block 41.

Block 43. Part number (NHA). Enter the part number of the item listed in block 41. When the next higher assembly is a helicopter or airplane, leave this block blank.

Block 44. Serial number (NHA). Enter the serial number of the item in block 41. When the next higher assembly is a helicopter or airplane, leave this block blank.

Block 45. Hours (NHA). Enter the current aircraft hours to the nearest hour if the item in block 41 is an aircraft. If item in block 41 is a component, enter the component operating hours to the nearest hour since new or rebuild.

Block 46. History recorder S/N. Enter the history recorder serial number. If a module or component is entered in block 41 leave this block blank.

Block 47 . History recorder/hour meter readings. Enter the total cumulative counts for the item entered in block 41. Obtain the total cumulative counts from line 1 of the DA Form 2408-16-1 for the item entered in block 41. This entry is required for engines, history recorders, and all modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. If a helicopter is entered in block 41, enter the engine history recorder reading in this block.

Block 48. Acft model. Enter the aircraft MDS if installation was on the aircraft. Leave blank if the item in block 41 was an engine, component, or module.

Block 49. EIC. Enter the end item code for the aircraft or simulator listed in block 41, (See appendix D of DA Pamphlet 738-751).

Block 50. Acft S/N. Enter the aircraft serial number. Leave blank if the reportable item is installed on an engine, component, or module.

Block 51 Maint level. Enter the level of the maintenance unit performing the action. ("0" for AVUM, "F" for AVIM, or "D" for depot.)

Block 52. Date installed. Enter the julian date that the reportable item was installed.

Block 53. UIC (this action). Enter the unit identification code of the organization doing the installation. If a contractor, enter the CAGE code prefixed with a "K."

Block 54. Manhrs (to install). Enter the manhours in hours and tenths that it took to install the item in block 1.

Block 55. Signature and telephone number. The person verifying that the installation has been properly done will enter their signature and telephone number.

Block 56. New NSN/PN/SN. Leave blank unless an MWO or other directive application is involved and the national stock number, part number, and/or serial number is being changed. In that event follow the procedure at paragraph 3-34 of DA Pamphlet 738-751.

Block 36. Inspection and action codes. This block will have been marked by the activity that repaired, overhauled, or rebuilt the item.

Block 57. Reason for loss. Leave blank unless there is a loss to the inventory. Follow the procedure in paragraph 3-36 of DA Pamphlet 738-751 if there is a loss.

Block 58. UIC (rcvd from). Enter the unit identification code of the organization from which the item was received. If from a contractor enter their CAGE code prefixed with a "K." Blocks 59. Through 62. Leave blank unless there is a loss to the inventory. See paragraph 3-36 of DA Pamphlet 738-751.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG	REQUIREMENT CONTROL SYMBOL CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2 NSN	3. PART NUMBER
952664	Power Turbine Module	2840-01-083-2959	6038T61G01

4. SERIAL NUMBER	5. CAGE CODE	6. NO OF PREV O/Hs	7. TIME SINCE LAST INST *(HRS)*	8. TIME SINCE NEW *(HRS)*	9. TIME SINCE OVERHAUL *(HRS)*	10. FAILURE CODE
GE-L-009976	99207	CC	~~540~~ 0	~~1199~~ 1205	CC	~~317~~ SC1

11 WUC	12 POSITION CODE
04A03	1

13. COMPONENT CUMULATIVE COUNTS/HOURS

13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
000969 (~~000901~~)	002685 (~~002674~~)	003110 (~~003108~~)	001205 (~~00119[illegible]~~)

SECTION I V - INSTALLATION/LOSS

41. INSTALLED ON *(NOMEN NHA)*	42. NSN *(NHA)*	43. PART NUMBER *(NHA)*	44. SERIAL NUMBER *(NHA)*
Engine	2840-01-070-1003	6035T00G01	GEE306123

45. HOURS *(NHA)*	46. HISTORY RECORDER S/N
999	CA000525

47. HISTORY RECORDER/HOUR METER READING

47a. LCF 1	47b. LCF 2	47c. TTI	47d. OP HOURS
000435	002056	003956	000999

48 ACFT MODEL	49. BC	50. ACFT S/N	51. MAINT LEVEL	52. DATE INSTALLED	53. UIC *(THIS ACTION)*
			D	3201	WOMUAA

54. MANHOURS *(TO INSTALL)*	55. SIGNATURE AND TELEPHONE NUMBER	56. NEW - NSN/PN/SN
6.2	T. Grider 618 555-1212	

38. INSPECTION AND ACTION CODES								57 REASON FOR LOSS	58. UIC *(RCVD FROM)*
	(A) SERV		(C) MWO DUE	E	(E) REPAIR		(G) REBUILT		
	(B) UNSERV		(D) REMFG		(F) O/HAUL				

USE NEXT LINE ONLY FOR LOSS TO INVENTORY

59. SHIPPED TO	60. LOCATION	61. UIC	62. DATE SHIPPED

REMARKS

DA FORM 2410, JAN 92 **INSTALLATION/LOSS COPY 3**

Figure 5. Sample of a completed DA Form 2410 for installation.

(h) **Preparation Instructions For Completion of Copy 3 of a DA Form 2410 For Changes From Serviceable To Unserviceable Uninstalled Items (Figure 6).**

NOTE: Copy 3 section I - Identification, block 10. Line out the old failure code and enter the failure code or removal/achievement code that best describes why the item is being returned as an unserviceable item.

SECTION IV--INSTALLATION/LOSS

Block 41. Installed on (nomen nha). Enter the word damaged or uninstalled.

Blocks 42 through 51. Leave these blocks blank.

Block 52. Date installed. Enter the julian date that the item became unserviceable.

Block 53. UIC (this action). Enter the unit identification code for the activity that has the item listed in block 1. If a contractor enter the CAGE code prefixed with a "K."

Block 54. Manhrs (to install). Leave this block blank.

Block 55. Signature and telephone number. The person who verifies entries in section IV will sign in this block and enter their telephone number (DSN/AUTOVON or commercial)

Block 56. New - NSN/PN/SN. Leave this block blank.

Block 36. Inspection and action codes. If the change in serviceability status resulted from the publication of an urgent MWO, enter "C" in the small box in front of the (C) MWO due block. If the serviceability status changed because of damage, place a "B" in the small box in front of the (B) unserv block also cross out entries in other blocks. If the "B" and "C" codes both apply, or an urgent MWO includes an NSN change, enter only the "C" code in the box in front of the (C) MWO due block, and follow procedures in Figs. 7 and 8.

NOTE: When copy 3 of the original DA Form 2410 is completed, initiate a new DA Form 2410. Do not change the control number of the new form.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG	REQUIREMENT CONTROL SYMBOL CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952663	Engine	2840-01-284-4011	6071T24G01

4. SERIAL NUMBER	5. CAGE CODE	6. NO OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GEE761148	99207	CC	~~145~~ 0	922	CC	~~SCT~~ ~~337~~ TDI

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A	2	000524	002258	007624	000922

SECTION IV - INSTALLATION/LOSS

41. INSTALLED ON (NOMEN NHA)	42. NSN (NHA)	43. PART NUMBER (NHA)	44. SERIAL NUMBER (NHA)
DAMAGED			

45. HOURS (NHA)	46. HISTORY RECORDER S/N	47. HISTORY RECORDER/HOUR METER READING			
		47a. LCF 1	47b. LCF 2	47c. TTI	47d. OP HOURS

48. ACFT MODEL	49. EIC	50. ACFT S/N	51. MAINT LEVEL	52. DATE INSTALLED	53. UIC (THIS ACTION)
				3109	WC43AA

54. MANHOURS (TO INSTALL)	55. SIGNATURE AND TELEPHONE NUMBER	56. NEW - NSN/PN/SN
	H. Appleton 314 564-8787	

36. INSPECTION AND ACTION CODES								57. REASON FOR LOSS	58. UIC (RCVD FROM)
	(A) SERV		(C) MWO DUE	~~E~~	(E) REPAIR		(G) REBUILT		
B	(B) UNSERV		(D) REMFG		(F) O/HAUL				

USE NEXT LINE ONLY FOR LOSS TO INVENTORY

59. SHIPPED TO	60. LOCATION	61. UIC	62. DATE SHIPPED

REMARKS

DA FORM 2410, JAN 92 — INSTALLATION/LOSS COPY 3

Figure 6. Sample of a completed DA Form 2410 *for changes from* serviceable to unserviceable uninstalled items.

(i) Preparation Instructions For Completion of Copy 1 of a DA Form 2410 For Changes From Serviceable To Unserviceable Uninstalled Item (Identification and Removal Data) (Figure 7).

SECTION I--IDENTIFICATION

Blocks 1 through 13. Complete these blocks, using the data from Copy 3 of the original DA Form 2410.

SECTION II--REMOVAL DATA

Block 14 Removed from (nomen NHA). Enter the word uninstalled or damaged.

Blocks 15 through 24. Leave these blocks blank.

Block 25. Date removed. Enter the julian date when the item was discovered unserviceable. Take this julian date from block 52 (Copy 3) of the original DA Form 2410.

Block 26. UIC (this action). Enter the unit identification code for the activity that determined the component/module is unserviceable. Commercial activities will enter "K," plus assigned CAGE code.

Block 27. Manhours (to Remove). Leave this block blank.

Block 28. UIC (shipped to). Enter the unit identification code for the unit the part is shipped to. If unknown leave blank.

Block 29. Signature and telephone number. The person verifying the proper completion of the DA Form 2410 and other related forms will sign their signature and enter their telephone number (DSN/AUTOVON or commercial).

Block 30. Malfunction code. Leave this block blank.

Block 31. When discovered. Leave this block blank.

Remarks block. Enter any additional information that could be helpful in the repair of the item, or the cause of the damage.

NOTE: Attach copy 1 to copy 3 of the old DA Form 2410 and mail to USAATCOM. Copies 2 and 3 will accompany the unserviceable item.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1 NOMENCLATURE	2. NSN	3 PART NUMBER
952665	Engine	2840-01-284-4011	6071T24G01

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GEE761148	99207	CC	0	922	CC	TD1

11 WUC	12. POSITION CODE	13 COMPONENT CUMULATIVE COUNTS/HOURS			
		13a LCF 1	13b LCF 2	13c. TTI	13d. OP HOURS
04A		00052	40022	58007	62400

SECTION II - REMOVAL DATA

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
DAMAGED			

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20 HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS

21 ACFT MODEL	22. EIC	23. ACFT S/N	24 MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)
				3109	WC43AA

27. MANHOURS (TO REMOVE)	28. UIC (SHIPPED TO)	29. SIGNATURE AND TELEPHONE NUMBER	30. MALFUNCTION CODE	31. WHEN DISCOVERED
		H. Appleton 314 564-8787		

REMARKS

DA FORM 2410, JAN 92 **REMOVAL REPORT COPY 1**
EDITION OF MAY 81 IS OBSOLETE

Figure 7. Sample of a completed DA Form 2410 for changes from serviceable to unserviceable uninstalled item (identification and removal data)

(j) **Preparation Instructions For Completion of Copies 3, 1 and 2 of a DA Form 2410 For an NSN/PN/Serial No. Change of an Uninstalled Item (Figure 8).** Discard copy 2 of the original or existing DA Form 2410. Complete copy 3 of the existing DA Form 2410 on the item.

COPY 3--SECTION IV--INSTALLATION (Figure 8, Sheet 1 of 3) Block 41. Installed on (nomen NHA). Enter "uninstalled".
Blocks 42 through 51. Leave these blocks blank.

Block 52. Date installed. Enter the julian date the changes to the national stock number, part number or serial number in Section IV are completed.

Block 53. UIC (this action). Enter the unit identification code for the activity that determined the NSN/PN/Serial number is to be changed. If a contractor enter your Cage code prefixed with a "IK".

Block 54. Manhrs (to install). Leave this block blank.

Block 55. Signature and telephone number. The person who completes this form will sign in this block and enter their telephone number (DSN/AUTOVON or commercial).

Block 56. New - NSN/PN/SN. Enter the new national stock number, part number and serial number of the item.

Block 36. Inspection & action codes. Enter a "C" in the box in front of the (C) MWO due block. Line out any other entries in block 36. Also, line out entries in block 10 and enter the code MW3.

Block 57. Reason for loss code. Enter "M" in this block, see Table 1-15 of DA Pamphlet 738-751 at the end of chapter 1 for equipment loss codes.

Blocks 58 through 62. Leave these blocks blank.

NOTE: When copy 3 of the existing DA Form 2410 is completed, start a new DA Form 2410. Do not change the control number of the new form.

COPY 1--SECTION I--IDENTIFICATION (Figure 8, Sheet 2 of 3)
Block 1. Nomenclature. Enter the item name.

Block 2. NSN. Enter the new national stock number of the item shown in block 56 of the old copy 3, DA Form 2410.

Block 3. Part number. Enter the new part number of the item shown in block 56 of the old copy 3, DA Form 2410.

Blocks 4 through 13. Copy this information from copy 3 of the old DA Form 2410.

SECTION II--REMOVAL DATA.

Block 14. Removed from (Nomen NHA). Enter "uninstalled" in this block.

Blocks 15 through 24. Leave these blocks blank.

Block 25. Date removed. Enter the julian date the entries in Section II are completed.

Block 26. UIC (This Action). Enter the UIC of the unit completing the form.

Blocks 27 and 28. Leave these blocks blank.

Block 29. Signature and telephone number. The person who completes this form will sign in this block and enter their telephone number (DSN/AUTOVON or commercial).

Blocks 30, 31, and Remarks. Leave these blocks blank.

NOTE: Take copy 1 and attach it to the old copy 3. If the component/module serial number changes enter the new serial number in block 4 of copy 2 and line out the old serial number.

COPY 2--SECTION III--REPAIR/OVERHAUL/GAIN DATA (Figure 8, Sheet 3 of 3)

Block 14. Removed from (nomen NHA). Enter "uninstalled" in this block.

Blocks 15 through 24. Leave these blocks blank.

Block 32. Date checked. Enter the julian date that the repair or maintenance action was completed.

Block 33. Signature and telephone number. The person who completes this form, certifying the work completed, will sign in this block and enter their telephone number (DSN/AUTOVON or commercial).

Block 34. UIC (this action). Enter the unit identification code for the activity that performed the work. If a contractor enter the CAGE code prefixed with a "K."

Block 35. Manhours to repair/overhaul. Enter the total manhours in hours and tenths it took to do the work.

Block 36. Inspection & action codes. Place the proper letter in the small box ie., "E" for repaired. Do not use check marks or "X", use the alpha character opposite the maintenance action taken.

Block 37. Reason for gain . After the MWO is applied, enter code "S" in this block.

Block 38. Maint level. Enter the level of the maintenance unit doing the MWO or other directive. ("O" for AVUM, "F" for AVIM, or "D" for depot.)

Block 39. UIC (shipped to). Enter the Unit Identification Code of the organization to whom the item is shipped, if unknown leave blank.

Block 40. Actual failure code. Block 10 of this form identifies the apparent failure code or reason for removal code at removal time for the item listed. Upon further disassembly and repair, the root cause for failure may be found to be different than that observed at time of removal. The overhaul/repair facility will enter the actual failure code in this block. See Table 1-2, 1-3,

or 1-4 in DA Pamphlet 738-751 at the end of chapter 1 for selection of the actual failure code. Line through the failure code in block 10, copy 2 and 3 after repair, overhaul, rebuild, or inspection and enter "SC1". Condition status and other data of the item after repair, overhaul, rebuild or inspection as indicated in blocks 10 and 36, copy 2 and 3, will be annotated on the materiel condition tag/label (DD Form 1574/1574-1) and attached to the reportable item.

NOTE: Update blocks 6, 9 and REMARKS when needed on copies 2 and 3. Copy number 3 of the DA Form 2410 stays with the component/module until installation.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1 NOMENCLATURE	2 NSN	3. PART NUMBER
952668	GG Turbine Rotor Assy	2840-01-247-2569	6055T20G01

4. SERIAL NUMBER	5 CAGE CODE	6. NO OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GGA-56445	99207	CC	~~1027~~ 0	5510	CC	MW3 ~~167~~ SET

11. WUC	12 POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b LCF 2	13c. TTI	13d. OP HOURS
04A02B		002124	011225	001413	005510

SECTION I V - INSTALLATION/LOSS

41. INSTALLED ON (NOMEN NHA)	42. NSN (NHA)	43. PART NUMBER (NHA)	44. SERIAL NUMBER (NHA)
UNINSTALLED			

45. HOURS (NHA)	46. HISTORY RECORDER S/N	47 HISTORY RECORDER/HOUR METER READING			
		47a. LCF 1	47b. LCF 2	47c. TTI	47d. OP HOURS

48 ACFT MODEL	49. EC	50. ACFT S/N	51. MAINT LEVEL	52 DATE INSTALLED	53. UIC (THIS ACTION)
				3223	WOMUAA

54. MANHOURS (TO INSTALL)	55. SIGNATURE AND TELEPHONE NUMBER	56. NEW - NSN/PN/SN
	H. Adams 618 555-1213	2840-01-295-8125 6055T20G03 MRS-56445

36. INSPECTION AND ACTION CODES						57 REASON FOR LOSS	58. UIC (RCVD FROM)
	(A) SERV	C	(C) MWO DUE	(E) REPAIR	(G) REBUILT	M	
	(B) UNSERV		(D) REMFG	(F) O/HAUL			

USE NEXT LINE ONLY FOR LOSS TO INVENTORY

59. SHIPPED TO	60. LOCATION	61. UIC	62. DATE SHIPPED

REMARKS

DA FORM 2410, JAN 92 **INSTALLATION/LOSS COPY 3**

Figure 8. Sample of a completed DA Form 2410 for an NSN/PN/Serial Number change of an uninstalled item (Sheet 1 of 3).

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952669	GG Turbine Rotor Assy	2840-01-295-8125	6055T20G03

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GGA-56445	99207	CC	0	5510	CC	MW3

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A02B		002124	011225	001413	005510

SECTION II - REMOVAL DATA

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
UNINSTALLED			

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)
				3223	WOMUAA

27. MANHOURS (TO REMOVE)	28. UIC (SHIPPED TO)	29. SIGNATURE AND TELEPHONE NUMBER	30. MALFUNCTION CODE	31. WHEN DISCOVERED
		H. Adams 618 555-1213		

REMARKS

DA FORM 2410, JAN 92
EDITION OF MAY 81 IS OBSOLETE

REMOVAL REPORT COPY 1

Figure 8. Sample of a completed DA Form 2410 for an NSN/PN/Serial Number change of an uninstalled item (Sheet 2 of 3).

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952669	GG Turbine Rotor Assy	2840-01-295-8125	6055T20G03

4. SERIAL NUMBER	5. CAGE CODE	6. NO OF PREV OHs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
~~GGA-56445~~ MRS-56445	99207	CC	0	5510	CC	Sc/ ~~MW3~~

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A02B		002124	011225	001413	005510

SECTION III - REPAIR/OVERHAUL/GAIN

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
UNINSTALLED			

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)
				3223	WOMUAA

32. DATE CHECKED	33. SIGNATURE AND TELEPHONE NUMBER	34. UIC (THIS ACTION)	35. MANHOURS TO REPAIR/OVERHAUL
3245	H Adams 618 555-1213	WOMUAA	3.4

36. INSPECTION AND ACTION CODES							37. REASON FOR GAIN	38. MAINT LEVEL	39. UIC (SHIPPED TO)	40. ACTUAL FAILURE CODE
	(A) SERV			E (E) REPAIR		(G) REBUILT	S	D		MW3
			(D) REMFG		(F) OHAUL					

REMARKS

DA FORM 2410, JAN 92 — REPAIR/OVERHAUL/GAIN COPY 2

Figure 8. Sample of a completed DA Form 2410 for an NSN/PN/Serial/ Number change of an uninstalled item (Sheet 3 of 3).

(k) **Preparation Instructions For Completion of a DA Form 2410 For an NSN/PN/Serial No. Change For an Installed Item (Figure 9).** This is an administrative removal and installation procedure for tracking purposes.

COPY 1--SECTION I--IDENTIFICATION (Figure 9, Sheet 1 of 5)

Block 1. Nomenclature. Enter the item name.

Block 2. NSN. Enter the national stock number of the item.

Block 3. Part number. Enter the part number of the item.

Block 4. Serial number. Enter the serial number of the item.

Block 5. Cage code. Enter the Contractor and Government Entity (CAGE) Code for the item, (this code can be found on the data plate for the part or in the TM-23P manual).

Block 6. No. of prev O/Hs. For Retirement Life Components/Modules (RC) and Condition Components/Modules (CC), enter RC or CC in this block. See TB 1-1500-341-01 to determine whether the item is an RC or CC item.

Block 7. Time since last instl (hrs). Enter the number of hours to the nearest hour that the item has been operated since it was last installed. Get this information from the DA Form 2408-16-1 by subtracting the total cumulative hours at installation from the total cumulative hours at removal (See Fig. 15). If the item is new, enter "O".

Block 8. Time since new (Hrs). Enter the total number of operating hours to the nearest hour that the item has been operated since it was new.

Block 9. Time since overhaul (Hrs). If the item is a RC or CC item, enter RC or CC in this block.

Block 10. Failure code. Enter the removal/achievement code which applies from Table 1-4 of DA Pamphlet 738-751. If the maintenance action was an MWO, put MW3 in this block.

Block 11. WUC. Enter the work unit code (WUC) which applies to this item (See TB 1-1500-341-01 for WUC).

Block 12. Position code. Enter the engine position for multi-engine aircraft, (left engine is number 1, right engine is number 2). Leave blank for other aircraft.

Block 13. Component cumulative counts/hours. Enter the total cumulative counts for the item entered in block 1. This entry is required for engines, history recorders, modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. Operating hours only will be entered for components and modules entered on the engine DA Form 2408-16-1 that are not required to have a separate DA Form 2408-16-1.

SECTION II REMOVAL DATA. This section is completed by the organization that is doing the MWO to the reportable item.

Block 14. Removed from (nomen NHA). Enter the name of the aircraft, component, or assembly from which the item was removed; for example, engine, power turbine module, and so on.

Block 15. NSN (NHA). Enter the national stock number of the next higher assembly listed in block 14.

Block 16. Part number (NHA). Enter the part number of the item listed in block 14. If item in block 14 is an aircraft leave this block blank.

Block 17. Serial number (NHA). Enter the serial number of item in block 14. If item in block 14 is an aircraft leave this block blank.

Block 18. Hours (NHA). Enter the number of operating hours to the nearest hour on the item in block 14 at the time that the item in block 1 was removed.

Block 19. History recorder serial number. Enter the history recorder serial number. If a module or component is entered in block 14 leave this block blank.

Block 20. History recorder/hour meter readings. Enter the total cumulative counts for the item entered in block 14. Calculate the total cumulative counts using the DA Form 2408-16-1 for the item entered in block 14. This entry is required for engines, history recorders, modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. If the helicopter is entered in block 14, enter the engine history recorder reading in this block.

Block 21. Aircraft model. Enter the MDS of the aircraft from which this item was removed from. For example, UH-60A, AH-64A, and so on. If it does not apply, or if the item in block 14 is an engine or module, leave blank.

Block 22. End item code (EIC). Enter the end item code of the aircraft that the item in block 1 was removed. If the item in block 14 is an engine or module, leave blank. EIC can be found in Appendix D of DA Pamphlet 738-751.

Block 23. Aircraft S/N. Enter the serial number of the aircraft from which the item in block 1 was removed.

Block 24. Maint level. Enter the maintenance level of the unit/activity doing the removal. ("O" for AVUM, "F" for AVIM, "D" for depot.)

Block 25. Date removed. If removal of the component/module is necessary to comply with the MWO, enter the julian date the item was removed.

Block 26. UIC (this action). Enter the Unit Identification Code for the organization taking this action. If it is a contractor, enter the proper CAGE code prefixed with a "K."

Block 27. Manhours (to remove). If removal of the component/module is necessary to comply with the MWO, enter the manhours in hours and tenths of an hour it took to do the removal.

Block 28. UIC (shipped to). Leave this block blank.

Block 29. Signature and telephone number. The individual verifying entries and the completed action will sign this block and enter their telephone number. The phone number (DSN/AUTOVON) will be used at the national level if entries need to be clarified.

Blocks 30, 31, and Remarks. Leave these blocks blank. Discard copy 2.

COPY 3--SECTION IV--INSTALLATION (Figure 9, Sheet 2 of 5)

Block 41. Installed on (Nomen NHA). Enter "uninstalled" in this block.

Blocks 42 through 51. Leave these blocks blank.

Block 52. Date installed. Enter the julian date the actions in Section IV are completed.

Block 53. UIC (this action). Enter the unit identification code for the activity that determined the NSN/PN/Serial number is to be changed, if it is a contractor enter the proper CAGE code prefixed with a "K".

Block 54. Manhrs to install. Leave this block blank.

Block 55. Signature and telephone number. The person who completes this form will sign in this block and enter their telephone number (DSN/AUTOVON or commercial).

Block 56. New - NSN/PN/SN. Enter the new national stock number, part number and serial number of the item.

Block 36. Inspection & action codes. Enter "C" next to (C) MWO due.

Block 57. Reason for loss code. Enter "M" in this block, (See Table 1-15 at the end of chapter 1 in DA Pamphlet 738-751).

Blocks 58 through 62. Leave these blocks blank.

NOTE: When copy 3 of the existing DA Form 2410 is completed, start a new DA Form 2410.

COPY 1--SECTION I--IDENTIFICATION (Figure 9, Sheet 3 of 5)

Block 1. Nomenclature. Enter the item name.

Block 2. NSN. Enter the new national stock number of the item shown in block 56 of the old copy 3 DA Form 2410.

Block 3. Part number. Enter the new part number of the item shown in block 56 of the old copy 3 DA Form 2410.

Block 4. Serial number. Enter the old serial number of the item shown in block 4 of the old copy 3 DA Form 2410.

Block 5 through 13. Copy this information from copy 3 of the old DA Form 2410.

SECTION II--REMOVAL DATA.

Block 14. Removed from (Nomen NHA). Enter "uninstalled" in this block.

Blocks 15 through 24. Leave these blocks blank.

Block 25. Date removed. Enter the julian date the entries in Section II are completed.

Block 26. Enter the Unit Identification Code 'for the organization taking this action. If it is a contractor, enter the proper CAGE code prefixed with a "K**."**

Blocks 27 and 28. Leave these blocks blank.

Block 29. Signature and telephone number. The person who completes this form will sign in this block and enter their telephone number (DSN/AUTOVON or commercial).

Blocks 30, 31, and Remarks. Leave these blocks blank.

NOTE: Take copy 1 and attach it to the old copy 3. If the serial number changed enter the new serial number from block 56 of the old copy 3, in block 4 of the new copy 2.

COPY 2--SECTION III--REPAIR/OVERHAUL/GAIN DATA (Figure 9, Sheet 4 of 5)

Block 14. Removed from (Nomen NHA). Enter "uninstalled" in this block.

Blocks 15 through 26. Leave these blocks blank.

Block 32. Date checked. Enter the julian date that the maintenance action was completed.

Block 33. Signature and telephone number. The person who completes this form, certifying the work complete, will sign in this block and enter their telephone number (DSN/AUTOVON or commercial).

Block 34. UIC (this action). Enter the unit identification code for the activity that performed work. If a contractor does the work enter the CAGE code prefixed with a "K."

Block 35. Manhours to repair/overhaul. Enter the total manhours by hours and tenths it took to do the work.

Block 36. Inspection & action code. Place the letter which applies in the small box, "E" for repaired, and so on. Do not use check marks or "X".

Block 37 Reason for gain . After the MWO or other directive is applied, enter code "S" in this block. Block 38. Maint level. Enter the maintenance level of the unit/activity doing the work. ("0" for AVUM, "F" for AVIM, and "D" for depot level.)

Block 39. UIC (shipped to). Leave this block blank.

Block 40. Actual failure code. Block 10 of this form identifies the apparent failure code or reason for removal code at removal time for the item listed. Upon further disassembly and repair, the root cause for failure may be different than that observed at time of removal. The overhaul/repair facility will enter the actual failure code in

this block. See Table 1-2, 1-3, or 1-4 in DA Pamphlet 738-751 at the end of chapter 1 for selection of the actual failure code. Line through the failure code in block 10, copy 2 and 3 after repair, overhaul, rebuild, or inspection and enter "SC1". Condition status and other data of the item after repair, overhaul, rebuild or inspection is indicated in blocks 10 and 36, copy 2 and 3.

NOTE: Update blocks 6, 7, 9, and REMARKS when needed on copies 2 and 3. Mail copy 2 to USAATCOM.

COPY 3--SECTION IV--INSTALLATION/LOSS (Figure 9, Sheet 5 of 5)

Block 41. Installed on (Nomen NHA). Enter the name of the next higher assembly on which the reportable item is installed, for example, engine, power turbine module, and so on.

Block 42. NSN (NHA). Enter the national stock number of the item in block 41.

Block 43. Part number (NHA). Enter the part number of the item listed in block 41. If block 41 is an aircraft leave this block blank.

Block 44. Serial number (NHA). Enter the serial number of the item in block 41. If block 41 is an aircraft leave this block blank.

Block 45. Hours (NHA). Enter the current aircraft hours, to the nearest hour, if the item in block 41 is an aircraft. If item in block 41 is a component, enter the component operating hours, to the nearest hour, since new
or rebuild.

Block 46. History recorder S/N. Enter the history recorder serial number. If a module or component is entered in block 41 leave this block blank.

Block 47. History recorder/hour meter readings. Enter the total cumulative counts for the item entered in block 41. Obtain the total cumulative counts from line 5 of the DA Form 2408-16-1 for the item entered in block 41. If the helicopter is entered in block 41, enter the engine history recorder reading in this block. This entry is required for engines, history recorders, and all modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. **Block 48. Acft model.** Enter the MDS, such as, AH-64A, UH-60A, UH-1H, and so on, if installation was on the aircraft. If an aircraft is not entered in block 41 leave this block blank.

Block 49. EIC. Enter the end item code of the aircraft that the item in block 1 is installed on, See appendix D of DA Pamphlet 738-751 for the EIC which applies.

Block 50. Acft S/N. Enter the serial number of aircraft if applicable.

Block 51. Maint level. Enter the maintenance level of the unit/activity performing the action. ("O" for AVUM, "F" for AVIM, or "D" for depot.)

Block 52. Date installed. Enter the julian date that the reportable item was installed.

Block 53. UIC (this action). Enter the unit identification code of the organization doing the installation. If a contractor, enter the proper CAGE code prefixed with a "K".

Block 54. Manhrs to install. If removal of the component/module was necessary to comply with the MWO, enter the manhours in hours and tenths it took to do the reinstallation.

Block 55. Signature and telephone number. The person certifying that the MWO or other directive has been properly done will enter their signature and telephone number (DSN/AUTOVON or commercial).

Block 56. New NSN/PN/SN. Leave this block blank.

Block 36. Inspection & action codes. Enter an "E" in the box in front of the (E) Repair block.

Blocks 57. Through 62. Leave these blocks blank.

NOTE: Mail copy 3 to USAATCOM.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952666	GG Rotor Assy	2840-01-083-7091	6039T54G02

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GGA-35654	99207	CC	1265	4835	CC	MW3

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A02B14		001854	010430	000765	004835

SECTION II - REMOVAL DATA

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
GG Turbine Rotor Assy	2840-01-295-8125	6055T20G03	MRS-35654

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS
4835		001854	010430	000765	004835

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)
			D	3223	WOMUAA

27. MANHOURS (TO REMOVE)	28. UIC (SHIPPED TO)	29. SIGNATURE AND TELEPHONE NUMBER	30. MALFUNCTION CODE	31. WHEN DISCOVERED
1.0		H Adams 618 555-1213		

REMARKS

DA FORM 2410, JAN 92
EDITION OF MAY 81 IS OBSOLETE

REMOVAL REPORT COPY 1

Figure 9. Sample of a completed DA/Form 2410 for an NSN/PN/Serial Number change for an installed item (Sheet 1 of 5).

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1 NOMENCLATURE	2. NSN	3.. PART NUMBER
952666	GG Rotor Assy	2840-01-083-7091	6039T54G02

4 SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GGA-35654	99207	CC	1265	4835	CC	MW3

11 WUC	12 POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A02B14		001854	043000	007650	004835

SECTION I V - INSTALLATION/LOSS

41. INSTALLED ON (NOMEN NHA)	42. NSN (NHA)	43. PART NUMBER (NHA)	44. SERIAL NUMBER (NHA)
UNINSTALLED			

45. HOURS (NHA)	46. HISTORY RECORDER S/N	47. HISTORY RECORDER/HOUR METER READING			
		47a. LCF 1	47b. LCF 2	47c. TTI	47d. OP HOURS

48 ACFT MODEL	49. EIC	50. ACFT S/N	51. MAINT LEVEL	52. DATE INSTALLED	53. UIC (THIS ACTION)
				3223	WOMUAA

54. MANHOURS (TO INSTALL)	55. SIGNATURE AND TELEPHONE NUMBER	56. NEW - NSN/PN/SN
	H. Adams 618 555-1213	6039T54G12

36. INSPECTION AND ACTION CODES								57 REASON FOR LOSS	58. UIC (RCVD FROM)
	(A) SERV	C	(C) MWO DUE		(E) REPAIR		(G) REBUILT	M	
	(B) UNSERV		(D) REMFG		(F) O/HAUL				

USE NEXT LINE ONLY FOR LOSS TO INVENTORY

59. SHIPPED TO	60. LOCATION	61. UIC	62. DATE SHIPPED

REMARKS

DA FORM 2410, JAN 92 **INSTALLATION/LOSS COPY 3**

Figure 9. Sample of a completed DA Form 2410 for an NSN/PN/Serial Number change for an installed item (Sheet 2 of 5).

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1 NOMENCLATURE	2. NSN	3.. PART NUMBER
952667	GG Rotor Assy	2840-01-083-7091	6039T54G12

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8 TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10 FAILURE CODE
GGA-35654	99207	CC	1265	4835	CC	MW3

11 WUC	12. POSITION CODE	13 COMPONENT CUMULATIVE COUNTS/HOURS			
		13a LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A02B14		001854	010430	000076	050483

SECTION II - REMOVAL DATA

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
UNINSTALLED			

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS

21. ACFT MODEL	22. EIC	23. ACFT S/N	24 MAINT LEVEL	25 DATE REMOVED	26. UIC (THIS ACTION)
				3223	

27. MANHOURS (TO REMOVE)	28. UIC (SHIPPED TO)	29. SIGNATURE AND TELEPHONE NUMBER	30. MALFUNCTION CODE	31. WHEN DISCOVERED
		H. Adams 618 555-1213		

REMARKS

DA FORM 2410, JAN 92 **REMOVAL REPORT COPY 1**
EDITION OF MAY 81 IS OBSOLETE

Figure 9. Sample of a completed DA Form 2410 for an NSN/PN/Serial Number change for an installed item (Sheet 3 of 5).

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG	REQUIREMENT CONTROL SYMBOL CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1 NOMENCLATURE	2. NSN	3. PART NUMBER
952667	GG Rotor Assy	2840-01-083-7091	6039T54G12

4 SERIAL NUMBER	5 CAGE CODE	6 NO OF PREV O/Hs	7 TIME SINCE LAST INST *(HRS)*	8 TIME SINCE NEW *(HRS)*	9 TIME SINCE OVERHAUL *(HRS)*	10. FAILURE CODE
GGA-35654	99207	CC	~~1265~~ 0	4835	CC	~~MW3~~ SC1

11 WUC	12 POSITION CODE	13 COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b LCF 2	13c. TTI	13d. OP HOURS
04A02B14		0 0 1 8 5 4	0 1 0 4 3 0	0 0 0 7 6 5	0 0 4 8 3 5

SECTION III - REPAIR/OVERHAUL/GAIN

14. REMOVED FROM *(NOMEN NHA)*	15. NSN *(NHA)*	16. PART NUMBER *(NHA)*	17. SERIAL NUMBER *(NHA)*
UNINSTALLED			

18. HOURS *(NHA)*	19 HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC *(THIS ACTION)*
				3223	

32. DATE CHECKED	33. SIGNATURE AND TELEPHONE NUMBER	34. UIC *(THIS ACTION)*	35. MANHOURS TO REPAIR/OVERHAUL
3223	H Adams 618 555-1213	WOMUAA	1.0

36. INSPECTION AND ACTION CODES								37. REASON FOR GAIN	38. MAINT LEVEL	39. UIC *(SHIPPED TO)*	40. ACTUAL FAILURE CODE
	(A) SERV			E	(E) REPAIR		(G) REBUILT				
			(D) REMFG		(F) O/HAUL			S	D	WOMUAA	MW3

REMARKS

DA FORM 2410, JAN 92 REPAIR/OVERHAUL/GAIN COPY 2

Figure 9. Sample of a completed DA Form 2410 for an NSN/PN/Serial Number change for an installed item (Sheet 4 of 5).

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952667	GG Rotor Assy	2840-01-083-7091	6039T54G12

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GGA-35654	99207	CC	~~1265~~ 0	4835	CC	~~MN~~ 5C/

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A02B14		001854	010430	000765	004835

SECTION I V - INSTALLATION/LOSS

41. INSTALLED ON (NOMEN NHA)	42. NSN (NHA)	43. PART NUMBER (NHA)	44. SERIAL NUMBER (NHA)
GG Turbine Rotor Assy	2840-01-295-8125	6055T20G03	MRS-35654

45. HOURS (NHA)	46. HISTORY RECORDER S/N	47. HISTORY RECORDER/HOUR METER READING			
		47a. LCF 1	47b. LCF 2	47c. TTI	47d. OP HOURS
4835		001854	010430	000765	004835

48. ACFT MODEL	49. EIC	50. ACFT S/N	51. MAINT LEVEL	52. DATE INSTALLED	53. UIC (THIS ACTION)
			D	3223	WOMUAA

54. MANHOURS (TO INSTALL)	55. SIGNATURE AND TELEPHONE NUMBER	56. NEW - NSN/PN/SN
1.0	H Adams 618 555-1213	

36. INSPECTION AND ACTION CODES						57. REASON FOR LOSS	58. UIC (RCVD FROM)
	(A) SERV		(C) MWO DUE	E	(E) REPAIR		(G) REBUILT		
	(B) UNSERV		(D) REMFG		(F) O/HAUL				

USE NEXT LINE ONLY FOR LOSS TO INVENTORY

59. SHIPPED TO	60. LOCATION	61. UIC	62. DATE SHIPPED

REMARKS

DA FORM 2410, JAN 92 — INSTALLATION/LOSS COPY 3

Figure 9. Sample of a completed DA Form 2410 for an NSN/PN/Serial Number change for an installed item (Sheet 5 of 5).

(1) **Preparation Instructions For Completion of Copy 1 of DA Form 2410 When a Serviceable Reportable Item is Removed For Controlled Exchange (Figure 10).**

SECTION I--IDENTIFICATION

Block 1. Nomenclature. Enter the item name.

Block 2. NSN. Enter the national stock number of the item.

Block 3. Part number. Enter the part number of the item.

Block 4. Serial number. Enter the serial number of the item. Do not enter more than one serial number in this block.

Block 5. Cage code. Enter the Contractor and Government Entity (CAGE) Code for the item, (this code can be found on the data plate for the part or in the TM-23P manual).

Block 6. No. of prev O/Hs. For Retirement Life Components/Modules (RC) and Condition Components/Modules (CC), enter RC or CC in this block. See TB 1-1500-341-01 to determine whether the item is an RC or CC item.

Block 7. Time since last instl (hrs). Enter the number of hours to the nearest hour that the item has been operated since it was last installed. Get this information from the DA Form 2408-16-1 by subtracting the total cumulative hours at installation from the total cumulative hours at removal (See Fig. 15). If the item is new, enter "O".

Block 8. Time since new (Hrs). Enter the total number of operating hours to the nearest hour that the item has been operated since it was new. Get this information from the DA Form 2408-16-1.

Block 9. Time since overhaul (hrs). If the item is a RC or CC item, enter "RC" or "CC" in this block

Block 10. Failure code. Enter the removal/achievement code "CE1", for Controlled Exchange. (See Table 1-4 of DA Pamphlet 738-751 for removal/achievement codes).

Block 11. WUC. Enter the work unit code (WUC) that applies for the item in block 1 (See TB 1-1500-341-01 for WUC).

Block 12. Position code. Enter the engine position for multi engine aircraft, (left engine is number 1, right engine is number 2). Leave blank for other aircraft.

Block 13. Component cumulative counts/hours. Calculate the total cumulative counts on the item entered in block 1. Obtain from the DA Form 2408-16-1 for the engine, module, or component involved. This entry is required for engines, history recorders, modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. Operating hours only will be entered for components and modules entered on the engine DA Form 2408-16-1 that are not required to have a separate DA Form 2408-16-1.

SECTION II--REMOVAL DATA. This section is completed by the organization that removed the reportable item from its next higher assembly.

Block 14. Removed from (nomen NHA). Enter the name of the engine, component, or module from which the item was removed; for example, engine, cold section module, and so on. This information is on the DA Form 2408-16-1, block 3.

Block 15. NSN (NHA) . Enter the national stock number of the next higher assembly listed in block 14.

Block 16. Part number (NHA). Enter the part number of the item listed in block 14. If item in block 14 is an aircraft leave this block blank.

Block 17. Serial number (NHA). Enter the serial number of item in block 14. If item in block 14 is an aircraft leave this block blank.

Block 18. Hours (NHA). Enter the number of operating hours to the nearest hour for the item in block 14 at the time that the item in block 1 was removed.

Block 19. History recorder serial number. Enter the history recorder serial number. If a module or component is entered in block 14 leave this block blank.

Block 20. History recorder/hour meter readings. Enter the total cumulative counts for the item entered in block 14. Calculate the total cumulative counts using the DA Form 2408-16-1 for the item entered in block 14. This entry is required for engines, history recorders, and all modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1. If the helicopter is entered in block 14, enter the engine history recorder reading in this block.

Block 21. Aircraft model. Enter the MDS of the aircraft from which this item was removed from. For example, UH-60A, AH-64A, and so on. If it does not apply, or if the item in block 14 is an engine or module, leave blank.

Block 22. End item code (EIC). Enter the end item code of the aircraft that the item in block 1 was removed. If the item in block 14 is an engine or module, leave blank. EIC can be found in Appendix D of DA Pamphlet 738-751.

Block 23. Aircraft S/N. Enter the serial number of the aircraft from which the irem in block 1 was removed.

Block 24. Maint level. Enter the maintenance level of the unit/activity doing the removal. ("O" for AVUM, "F" for AVIM, "D" for depot.)

Block 25. Date removed. Enter the julian date that the removal action was completed.

Block 26. UIC (this action). Enter the unit identification code for the organization taking this action. If it is a contractor, enter the proper CAGE code prefixed with a "K."

Block 27. Manhours (to remove). Enter the manhours it took to remove the item. Enter the manhours in hours and tenths (See table 1-12 for time conversion codes).

Blocks 28, 30, AND 31. Leave these blocks blank.

Block 29. Signature and telephone number. The person verifying entries and the completion action will sign this block and enter their telephone number DSN/AUTOVON or commercial.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
952660	Engine	2840-01-284-4011	6071T24G01

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GEE761148	99207	CC	922	922	CC	CE1

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A	2	005240	002258	007624	000922

SECTION II - REMOVAL DATA

14. REMOVED FROM (NOMEN NHA)	15. NSN (NHA)	16. PART NUMBER (NHA)	17. SERIAL NUMBER (NHA)
Helicopter	1520-01-298-4532		

18. HOURS (NHA)	19. HISTORY RECORDER S/N	20. HISTORY RECORDER/HOUR METER READING			
		20a. LCF 1	20b. LCF 2	20c. TTI	20d. OP HOURS
1876	ECDH5070	002561	001113	003544	000532

21. ACFT MODEL	22. EIC	23. ACFT S/N	24. MAINT LEVEL	25. DATE REMOVED	26. UIC (THIS ACTION)
UH-60L	RSM	9026274	O	3143	WCFADO

27. MANHOURS (TO REMOVE)	28. UIC (SHIPPED TO)	29. SIGNATURE AND TELEPHONE NUMBER	30. MALFUNCTION CODE	31. WHEN DISCOVERED
3.6		T. Lusk 213 675-0987		

REMARKS

DA FORM 2410, JAN 92 **REMOVAL REPORT COPY 1**
EDITION OF MAY 81 IS OBSOLETE

Figure 10. Sample of a completed DA Form 2410 when a serviceable reportable item is removed for controlled exchange (identification and removal data).

(m) **Preparation Instructions For Completion of Copy 3 of DA Form 2410 When a Serviceable Reportable Item is Removed For Controlled Exchange. (Installation Data).**

SECTION IV INSTALLATION/LOSS

NOTE: Block 7 on Copy 3 must be updated.

Block 41. Installed on (nomen NHA). Enter the name of the next higher assembly on which the reportable item is installed, for example, engine, cold section module, and so on.

Block 42. NSN (NHA). Enter the national stock number of the item in block 41.

Block 43. Part number (NHA). Enter the part number of the item listed in block 41. If block 41 is an aircraft leave this block blank.

Block 44. Serial number (NHA). Enter the serial number of the item in block 41. If the item in block 41 is an aircraft leave this block blank.

Block 45. Hours (NHA). Enter the current aircraft hours to the nearest hour if the item in block 41 is an aircraft. If the item in block 41 is a component/module, enter the component/module operation hours, to the nearest hour since new or rebuild.

Block 46. History recorder S/N. Enter the history recorder serial number. If a module or component is entered in block 41 leave this block blank.

Block 47. History recorder/hour meter readings. Enter the total cumulative counts for the item entered in block 41. Calculate the total cumulative counts using the DA Form 2408-16-1 for the item entered in block 41. If the helicopter is entered in block 41, enter the engine history recorder reading in this block. This entry is required for engines, history recorders, and all modules, components and subcomponents entered on the front and reverse sides of a DA Form 2408-16-1.

Block 48. Acft model. Enter AH-64A, UH-60A, etc., if installation was on the aircraft. Leave blank if block 41 is other than an aircraft.

Block 49. EIC. Enter the end item code of the aircraft (See appendix D of DA Pamphlet 738-751). Leave blank if block 41 is other than an aircraft.

Block 50. Acft S/N. Enter the serial number of aircraft. Leave blank if block 41 is other than an aircraft.

Block 51. Maint level. Enter the maintenance level of the unit/activity performing the action. ("O" for AVUM, "F" for AVIM, or "D" for depot.)

Block 52. Date installed. Enter the julian date that the reportable item was installed.

Block 53. UIC (this action). Enter the unit identification code of the organization doing the maintenance work or installation. If it is a contractor, enter the proper CAGE code prefixed with a ″ K . "

Block 54. Manhrs to install. Enter manhours in hours and tenths it took to install the item in block 1.

Block 55. Signature and telephone number. The person verifying that the installation has been properly done will enter their signature and telephone number. (DSN/AUTOVON or commercial).

Block 36. Inspection & action codes. Enter an "A" in the box in front of the (A) Serv block.

Blocks 56 through 62. Leave these blocks blank.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2 NSN	3 PART NUMBER
952660	Engine	2840-01-284-4011	6071T24G01

4. SERIAL NUMBER	5 CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
GEE761148	99207	CC	922 0	922	CC	CE1

11. WUC	12 POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A	2	000524	002258	007624	000922

SECTION I V - INSTALLATION/LOSS

41. INSTALLED ON (MOMEN NHA)	42. NSN (NHA)	43. PART NUMBER (NHA)	44. SERIAL NUMBER (NHA)
Helicopter	1520-01-298-4532		

45. HOURS (NHA)	46. HISTORY RECORDER S/N	47. HISTORY RECORDER/HOUR METER READING			
		47a. LCF 1	47b. LCF 2	47c. TTI	47d. OP HOURS
736	ECDH5070	002561	001113	003544	000532

48. ACFT MODEL	49. BIC	50. ACFT S/N	51. MAINT LEVEL	52. DATE INSTALLED	53. UIC (THIS ACTION)
UH-60L	RSM	9026271	O	3143	WCFADO

54. MANHOURS (TO INSTALL)	55. SIGNATURE AND TELEPHONE NUMBER	56. NEW - NSN/PN/SN
3.6	T. Lusch 213 675-0987	

36. INSPECTION AND ACTION CODES								57 REASON FOR LOSS	58. UIC (RCVD FROM)
A	(A) SERV		(C) MWO DUE		(E) REPAIR		(G) REBUILT		
	(B) UNSERV		(D) REMFG		(F) O/HAUL				

USE NEXT LINE ONLY FOR LOSS TO INVENTORY

59. SHIPPED TO	60. LOCATION	61. UIC	62. DATE SHIPPED

REMARKS

DA FORM 2410, JAN 92 **INSTALLATION/LOSS COPY 3**

Figure 11. Sample of a completed DA Form 2410 when a serviceable reportable item is removed for controlled exchange (installation data) .

n) **Preparation Instructions For Completion of Copy 3 of DA Form 2410 For loss to the Army inventory (Figure 12).** Normally copy 2 and 3 will be with the uninstalled item, complete copy 3 and discard copy 2.

SECTION IV--INSTALLATION/LOSS DATA

Blocks 41 through 51 Leave these blocks blank.

Block 52. Date installed. Enter the julian date that the item in block 1 was lost to the Army inventory.

Block 53. UIC (this action). Identify the organization or activity reporting the loss, if it is a contractor enter the proper CAGE code prefixed with a "K".

Block 54. Manhrs (to install). Leave this block blank.

Block 55. Signature and telephone number. Enter the signature and telephone number of the person verifying that the part is a loss to the Army inventory.

Block 56. New - NSN/PN/SN. Leave blank.

Block 36. Inspection & action codes. Enter the appropriate letter in the small block, for example, "A" for serviceable, "B" for unserviceable, and so on.

Block 57. Reason for loss. Enter the reason for loss code that best describes the reason for the loss. (Refer to Table 1-15 of DA Pamphlet 738-751)

Block 58. UIC (Received from). Leave this block blank.

Block 59. Shipped to. Enter the name of the DRMO, service, agency, department, or Military Assistance Program (MAP) country to whom shipped.

Block 60 Location. Enter the address of the activity identified in block 59.

Block 61. UIC. Enter the unit identification code for the activity listed in block 59, if it is a contractor enter the proper CAGE code prefixed with a "K."

Block 62. Date shipped. Enter the julian date that the item was shipped. Remarks block. If the item in block 1 is being shipped to DRMO, enter the mutilation statement required by TM 1-1500-328-23. The statement must be entered verbatim from TM 1-1500-328-23. Sign and date the mutilation statement.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

REQUIREMENT CONTROL SYMBOL
CSGLD-1052 (R3)

SECTION I - IDENTIFICATION

CONTROL NUMBER	1. NOMENCLATURE	2. NSN	3. PART NUMBER
m 952661	Stage 1 Forward Cooling Plate	2840-01-082-8348	6039T53P03

4. SERIAL NUMBER	5. CAGE CODE	6. NO. OF PREV O/Hs	7. TIME SINCE LAST INST (HRS)	8. TIME SINCE NEW (HRS)	9. TIME SINCE OVERHAUL (HRS)	10. FAILURE CODE
AFR545	99207	CC	1213	4878	CC	701

11. WUC	12. POSITION CODE	13. COMPONENT CUMULATIVE COUNTS/HOURS			
		13a. LCF 1	13b. LCF 2	13c. TTI	13d. OP HOURS
04A02B05		001875	011167	00997	004878

SECTION I V - INSTALLATION/LOSS

41. INSTALLED ON (NOMEN NHA)	42. NSN (NHA)	43. PART NUMBER (NHA)	44. SERIAL NUMBER (NHA)

45. HOURS (NHA)	46. HISTORY RECORDER S/N	47. HISTORY RECORDER/HOUR METER READING			
		47a. LCF 1	47b. LCF 2	47c. TTI	47d. OP HOURS

48. ACFT MODEL	49. EIC	50. ACFT S/N	51. MAINT LEVEL	52. DATE INSTALLED	53. UIC (THIS ACTION)
				3245	WOMUAA

54. MANHOURS (TO INSTALL)	55. SIGNATURE AND TELEPHONE NUMBER	56. NEW - NSN/PN/SN
	H Adams 618 555-1213	

36. INSPECTION AND ACTION CODES								57. REASON FOR LOSS	58. UIC (RCVD FROM)
	(A) SERV		(C) MWO DUE		(E) REPAIR		(G) REBUILT		
B	(B) UNSERV		(D) REMFG		(F) O/HAUL			D	

USE NEXT LINE ONLY FOR LOSS TO INVENTORY

59. SHIPPED TO	60. LOCATION	61. UIC	62. DATE SHIPPED
Richmond DRMO	Richmond, VA	SIG4120	3245

REMARKS I certify that the item identified on this document was demilitarized (mutilated) in accordance with paragraphs 9-1 through 9-9 of TM 1-1500-328-23 Aeronautical Equipment Maintenance Management Policies and procedures and/or DOD 4160.21-M-1 Defense Demilitarization Manual. H. Adams 3245

DA FORM 2410, JAN 92 **INSTALLATION/LOSS COPY 3**

Figure 12. Sample of a completed DA Form 2410 for a loss to the Army inventory.

(5) DA Form 2408-16-1, History Recorder, Component, Module Record.

(a) **Preparation Instructions (By Block Number or Title) For Completing a DA Form 2408-16-1 (History Recorder, Component, Module Record (Engine Showing Major Modules and Components). (Figure 13, Sheet 1 of 3).**

NOTE: Use blue or black ball point pen or typewriter.

Page. _____of_____ Enter the page number and the total number of pages you have of DA Forms 2408-16-1 (Use black lead pencil to enter the total number of pages).

1. Model. Enter the engine model (example, T700).

2. Eng S/N. Enter the engine serial number.

3. Nomenclature. Enter "Engine".

4. P/N. Enter the manufacturer's part number.

5. S/N. Enter the serial number of the aircraft that the engine is installed on using a black lead pencil. If the engine is uninstalled, leave this block blank.

6. Historical counts on component/module.

LINE 1--(Previous Counts of Component/Module)

a. **LCF-1.** Enter the total cumulative LCF-1 counts for the engine from the last completed block 6, line 5.

b. **LCF-2.** Enter the total cumulative LCF-2 counts for the engine from the last completed block 6, line 5.

c. **Time/Temp Index.** Enter the total cumulative T/TI counts for the engine from the last completed block 6, line 5.

d. **Operating Hours.** Enter the total cumulative operating hours for the engine from the last completed block 6, line 5.

LINE 2--(Reading at Installation of Module/Recorder)

a. **LCF-1.** Enter the LCF-1 history recorder reading when line 1 is completed.

b. **LCF-2.** Enter the LCF-2 history recorder reading when line 1 is completed.

c. **Time/Temp Index.** Enter the T/TI history recorder reading when line 1 is completed.

d. **Operating Hours.** Enter the operating hours from the history recorder when line 1 is completed.

Lines 3, 4 and 5. These lines will only be completed if the history recorder is replaced.

NOTE: When two or more pages are needed to enter the components and modules on the reverse side of the forms, no entries are required in block 6 of page 2 unless the front side of page 1 is filled.

7. History recorder S/N. Enter the history recorder serial number.

BACKSIDE. (Figure 13, Sheets 2 of 3 and 3 of 3).

NOTE: When a component or module is removed from the engine, line out the entry for that component or module on the engine DA Form 2408-16-1. Enter the data for the replacement component or module on the next open line.

8. Nomenclature. Enter the name of each replaceable component or module on the lines below.

9. Part number. Enter the manufacturer's part number of each component or module on the lines below.

10. Serial number. Enter the serial number of each component or module on the lines below.

11. O/H or replacement life.

a. If the item in block 8 has an established MAOT for overhaul, rebuild, or retirement enter the MAOT in this block.

b. If the item in block 8 is a condition change component enter "COND" in this block.

12. Historical counts at last depot repair.

a. The purpose of these blocks is to determine what the cumulative counts on the subcomponents were when the subcomponents were installed on the component or module and the total cumulative counts on the module or component at the time of subcomponent installation.

b. When this form is prepared for the engine, LCF-1, LCF-2, and T/TI counts will not be entered for modules or components that do not have a separate DA Form 2408-16-1. Operating hours only will be entered for components and modules not having a separate DA Form 2408-16-1.

c. Two entries will be made in each block. One entry at the top of the block and one entry at the bottom of the block. The

total cumulative counts for the engine at the time of component or module installation will be entered in the top portion of this block. The total cumulative counts for each component or module at the time of installation on the engine will be entered in the bottom portion of each block.

13. Replacement due (Hist rcdr hr).

a. If the component or module has an assigned MAOT, the replacement time must be calculated.

b. If the history recorder is replaced, the MAOT will have to be recalculated;

(1) Read the engine history recorder to obtain the current history recorder operating hours.

(2) Calculate the total cumulative operating hours for the engine using the procedure in block 6.

(3) Subtract the entry in the top portion of block 12d from the engine total cumulative operating hours.

4) Add to the operating hours entered in the bottom portion of block 12d for the component or module.

(5) Subtract these hours from the MAOT entered in block 11.

(6) Add the remainder to the current history recorder operating hours.

(7) Enter the replacement time in block 13 using a black lead pencil.

c. If the item in block 8 is a condition component enter "COND" in this block.

14. SIGNIFICANT HISTORICAL DATA. Enter any significant historical data on engines, components, modules and parts. Before you enter the data, enter the date of your entry. After you enter the historical data, enter your name, organization, and location. If you need more space, use a DA Form 2408-15 as a continuation sheet. Print "DA Form 2408-16-1 Continuation" in the top margin of the form and complete the form heading with the engine or module information. The following are examples of historical data: Aircraft serial number that the engine is installed on or removed from (to include aircraft hours at installation and removal), crash damage, contamination, hot starts, over torques, overspeeds, salt water immersion, and overhaul/major repair. Installation and removal from the helicopter are also considered significant historical data.

Page 1 of 2

1 MODEL	2 ENG S/N	3 NOMENCLATURE	4 P/N	5 S/N
T-700	GEE207702	ENGINE	6035T00G01	7722426

6 HISTORICAL COUNTS ON COMPONENT MODULE

7 HISTORY RECORDER S/N: CA001239

LINE	LCF - 1 a	LCF - 2 b	TIME/TEMP INDEX c	OPERATING HOURS d	
3					READING AT REMOVAL OF MODULE/RECORDER
2-	901	5127	9729	1641	READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +	901	5127	9729	1641	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS
					7 HISTORY RECORDER S/N
3					READING AT REMOVAL OF MODULE/RECORDER
2-					READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +					PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

DA FORM 2408-16-1, OCT 91 — HISTORY RECORDER, COMPONENT, MODULE RECORD

For use of this form, see DA PAM 738-751, the proponent agency is DCSLOG

Figure 13. Sample of a completed DA Form 2408-16-1 (History Recorder, Component, Module Record (Engine showing major modules and components)). (Sheet 1 of 3)

8 NOMENCLATURE	9 PART NUMBER	10 SERIAL NUMBER	11 O/H OR REPLACEMENT LIFE	12 HISTORY COUNTS AT LAST DEPOT REPL				13 REPLACEMENT DUE (Hist rcdr hr)
				LCF-1 a	LCF-2 b	T/T I c	OP HRS d	
Cold Section Mod.	6035T02G01	GE-C-007702	COND	0 0	0 0	0 0	0 0	COND
Combustion Liner	6039T58G02	GGMAD595	COND				0 0	COND
GG Turbine Rotor Ass	6055T20G03	MRS-40623	COND	525 0	2365 0	4675 0	802 0	COND
Power Turbine Mod.	6038T61G01	GE-L-007702	COND	0 0	0 0	0 0	0 0	COND
Accessory Module	6035T01G01	GE-D-007702	COND				0 0	COND
Particle Sep Blower	6034T62P15	SUPJ7286	1500				1485 0	
Fuel Control	5074T79G07	UDA96534	COND				0 0	COND
Press Overspeed	4076T64G01	APM149RS	COND				0 0	COND
ECU	4046T29G13	CA000443	COND				0 0	COND
History Recorder	4046T26G03	CA001239	COND				0 0	COND
Oil Cooler	4046T25G03	UDC04035	COND				0 0	COND

14 SIGNIFICANT HISTORICAL DATA

10 Jan 94 Engine installed on UH-60A 7722426 at 1974.8 aircraft hours. A. Waldeck, D Troop, 2nd Squadron 6th Cavalry Regiment, APO AE 09140.

REVERSE OF DA FORM 2408-16-1, OCT 91

☆ U.S. GOVERNMENT PRINTING OFFICE: 1993 342-027/80399

Figure 13. Sample of a completed DA Form 1408-16-1 (History Recorder, Component, Module Record (Engine showing major modules and components)). (Sheet 2 of 3)

8 NOMENCLATURE	9 PART NUMBER	10 SERIAL NUMBER	11 O/H OR REPLACE-MENT LIFE	12 HISTORY COUNTS AT LAST DEPOT REPL				13 REPLACE-MENT DUE (Hist rcdr hr)
				LCF-1 a	LCF-2 b	TT I c	OP HRS d	
Anti-Ice Valve	4046T28G05	GRTB2341	COND				0 0	COND
Stg 1 Nozzle Assy	5043T24G04	AMDA7905	COND				0 0	COND
Fuel Control	5074T79G07	UDA84325	COND				1722 189	COND

14 SIGNIFICANT HISTORICAL DATA

REVERSE OF DA FORM 2408-16-1, OCT 91

Figure 13. Sample of a completed DA Form 2408-16-1 (History Recorder, Component, Module Record (Engine showing major modules and components)). (Sheet 3 of 3)

(b) **Preparation Instructions For Completing a DA Form 2408-16-1 (History Recorder, Component, Module Record (On a New Component or Module For Spares) (Figure 14).**

Page. _____of_____. Enter the page number and the total number of pages of DA Form 2408-16-1 you have for this item. Enter the total number of pages with a black lead pencil

1. Model. Enter the component or module model (example, T700).

2. Eng S/N. For modules or components not installed on an engine, leave this block blank.

3. Nomenclature. Enter the name of the component or module.

4. P/N. Enter the manufacturer's part number.

5. S/N. Enter the component or module serial number.

6. Historical counts on component/module.

LINE 1--(Previous Counts of Component/Module)

a. **LCF-1.** Enter a zero (0) in each block for previous counts of Component/Module.

b. **LCF-2.** Enter a zero (0) in each block for Previous Counts of Component/Module.

c. **Time/Temp Index.** Enter a zero (0) in each block for Previous Counts of Component/Module.

d. **Operating Hours.** Enter a zero (0) in each block for Previous Counts of Component/Module.

NOTE: When two or more pages are needed to enter the components and modules on the reverse side of the forms, no entries are required in block 6 of page 2 unless the front side of page 1 is filled.

7. History recorder S/N. If the item entered in block 3 is a component or module leave this block blank. The history recorder serial number will be entered when the component or module is installed on an engine.

BACKSIDE.

8. Nomenclature. Enter the name of each replaceable subcomponent of the component or module on the lines below.

9. Part number. Enter the manufacturer's part number of each subcomponent on the lines below.

10. Serial number. Enter the serial number of each subcomponent on the lines below.

11. O/H or replacement life.

a. If the item in block 8 has an established MAOT for overhaul, rebuild, or retirement enter the MAOT in this block.

b. If the item in block 8 is a condition change component enter "COND" in this block.

12. Historical counts at last depot repair.

a. The purpose of these blocks is to determine what the cumulative counts on the subcomponents were when the subcomponents were installed on the component or module and the total cumulative counts on the module or component at the time of subcomponent installation.

b. When this form is prepared for the engine, LCF-1, LCF-2, and T/TI counts will not be entered for modules or components that do not have a separate DA Form 2408-16-1. Operating hours only will be entered for components and modules not having a separate DA Form 2408-16-1.

c. Two entries will be made in each block. One entry at the top of the block and one entry at the bottom of the block. The total cumulative counts for the engine at the time of component or module installation will be entered in the top portion of this block. The total cumulative counts for each component or module at the time of installation on the engine will be entered in the bottom portion of each block.

13. Replacement due (Hist rcdr hr).

a. If the subcomponent has an established MAOT, leave this block blank. The replacement due will be calculated when the module or component is installed on an engine.

b. If the item in block 8 is a condition change component enter "COND" in this block.

14. SIGNIFICANT HISTORICAL DATA. Enter any significant historical data on engines, components, modules and parts. Before you enter the data, enter the date of your entry. After you enter the historical data, enter your name, organization, and location. If you need more space, use a DA Form 2408-15 as a continuation sheet. Print "DA Form 2408-16-1 Continuation" in the top margin of the form and complete the form heading with the engine or module information. The following are examples of significant historical data: Crash damage, contamination, hot starts, over torques, overspeeds, salt water immersion, and overhaul/major repair.

Page 1 of /

1 MODEL	2 ENG S/N	3 NOMENCLATURE	4 P/N	5. S/N
T700		Output Shaft Assy	6039T56G02	GGAY3828

6 HISTORICAL COUNTS ON COMPONENT/MODULE

LINE	LCF - 1 a	LCF - 2 b	TIME/TEMP INDEX c	OPERATING HOURS d	7 HISTORY RECORDER S/N
3					READING AT REMOVAL OF MODULE/RECORDER
2-					READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +	0	0	0	0	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

LINE					7. HISTORY RECORDER S/N
3					READING AT REMOVAL OF MODULE/RECORDER
2-					READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +					PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

DA FORM 2408-16-1, OCT 91

HISTORY RECORDER, COMPONENT, MODULE RECORD

For use of this form, see DA PAM 738-751, the proponent agency is DCSLOG

Figure 14. Sample of a completed DA Form 2408-16-1 (History Recorder, Component, Module Record (on new engines, components or modules for spares). (Sheet 1 of 2)

8 NOMENCLATURE	9 PART NUMBER	10 SERIAL NUMBER	11 O/H OR REPLACE-MENT LIFE	12 HISTORY COUNTS AT LAST DEPOT REPL				13 REPLACE-MENT DUE (Hist rcdr hr)
				LCF-1 a	LCF-2 b	TT I c	OP HRS d	
#1				0	0	0	0	
Ball Bearing	5034T07P03	MDAOV878	COND	0	0	0	0	COND
#2				0	0	0	0	
Roller Bearing	5035T71P01	MDAM0575	COND	0	0	0	0	COND

14 SIGNIFICANT HISTORICAL DATA

REVERSE OF DA FORM 2408-16-1, OCT 91

☆ U.S. GOVERNMENT PRINTING OFFICE: 1993 342-027/80399

Figure 14. Sample of a completed DA Form 2408-16-1 (History Recorder, Component, Module Record (on new engines, components or modules for spares)). (Sheet 2 of 2)

(c) **Preparation Instructions For Completing a DA Form 2408-16-1, (History Recorder, Component, Module Record) (Removal or Installation of a Component or Module) (Figure 15).**

Page. _____of_____. Enter the page number and the total number of pages of DA Form 2408-16-1 you have for this module or component. Use a black lead pencil to enter the number of pages. Blocks 1, 3, 4, 5 and line 1 of block 6 will have already been completed on the form when a replacement component or module is received.

2. Eng S/N. When installing a component or module on an engine enter the engine serial number using black lead pencil.

6. Historical counts on component/module

LINE 2--(Reading at INSTL. of Module/Recorder)

a. **LCF-1.** Enter the history recorder LCF-1 reading from the engine when installing the module or component.

b. **LCF-2.** Enter the history recorder LCF-2 reading from the engine when installing the module or component.

c. **Time/Temp Index.** Enter the history recorder T/TI reading from the engine when installing the module or component.

d. **Operating Hours.** Enter the history recorder operating hours reading from the engine when installing the module or component.

LINE 3--(Reading at Removal of Module/Recorder)

a. **LCF-1.** Enter the history recorder LCF-1 reading from the engine when removing the module or component.

b. **LCF-2.** Enter the history recorder LCF-2 reading from the engine when removing the module or component.

c. **Time/Temp Index.** Enter the history recorder T/TI reading from the engine when removing the module or component.

d. **Operating Hours.** Enter the history recorder operating hours reading from the engine when removing the module or component. Subtract the readings on line 2 from readings on line 3 and enter

the result on line 4.

e. The operating hours since last installation from line 4 will be entered in block 7 of the DA Form 2410 prepared for the module or component.

f. Add the counts since last installation on line 4 to the previous counts on line 1 and enter the total cumulative counts

on line 5 and in block 13 of the DA Form 2410 prepared for the module or component.

g. The total cumulative operating hours from line 5 will be entered in block 8 of the DA Form 2410.

NOTE: When two or more pages are needed to enter the components and modules on the reverse side of the forms, no entries are required in block 6 of page 2 unless the front side of page 1 is filled.

7. History recorder S/N. When installing the component or module on an engine, enter the engine history recorder serial number.

NOTE: Entries are also required on the engine DA Form 2408-16-1 when components or modules are removed or installed on the engine.

BACKSIDE

Blocks 8 through 12. The required information in these blocks should be entered prior to component or module installation. If the required information is not present contact the DA Form 2410 Hotline, DSN 693-1879 or Commercial (314) 263-1879.

Block 13. Replacement due (Hist rcdr hr)

a. If the subcomponent has an assigned MAOT, the replacement time must be calculated.

b. If the history recorder is replaced, the MAOT will have to be recalculated.

(1) Read the engine history recorder to obtain the current history recorder operating hours.

(2) Calculate the total cumulative operating hours for the module using the procedure in block 6 of the DA Form 2408-16-1 for the module or component.

(3) Subtract the entry in the top portion of block 12d from the module total cumulative operating hours.

(4) Add to the operating hours entered in the bottom portion of block 12d for the subcomponent.

(5) Subtract these hours from the MAOT entered in block 11.

(6) Add the remainder to the current history recorder operating hours.

(7) Enter the replacement time in block 13 using a black lead pencil.

14. SIGNIFICANT HISTORICAL DATA. Enter any significant historical data on engines, components, modules and parts. Before you enter the data, enter the' date of your entry. After you enter the historical data, enter your name, organization, and location. If you need more space, use a DA Form 2408-15 as a continuation sheet. Print "DA Form 2408-16-1 Continuation" in the top margin of the form and complete the form heading with the engine or module information. The following are examples of significant historical data: Crash damage, contamination, hot starts, over torques, overspeeds, salt water immersion, and overhaul/major repair.

NOTE: For component or module: Attach the DA Form 2408-16-1 along with the DA Form 2410 to the removed item (if required for shipment to higher level maintenance activity).

Page 1 of ____

1 MODEL	2 ENG S/N	3 NOMENCLATURE	4 P/N	5 S/N
T-700	GEE762151	Cold Section Mod.	6035T02G01	GE-C-762151

6 HISTORICAL COUNTS ON COMPONENT MODULE

7 HISTORY RECORDER S/N: ECDH6705

LINE	LCF - 1 a	LCF - 2 b	TIME/TEMP INDEX c	OPERATING HOURS d	
3	901	5127	9729	1641	READING AT REMOVAL OF MODULE/RECORDER
2-	0	0	0	0	READING AT INSTALLATION OF MODULE/RECORDER
4 =	901	5127	9729	1641	LINE 3 MINUS LINE 2
1 +	0	0	0	0	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =	901	5127	9729	1641	TOTAL COMPONENT COUNTS

7 HISTORY RECORDER S/N

LINE				
3				READING AT REMOVAL OF MODULE/RECORDER
2-				READING AT INSTALLATION OF MODULE/RECORDER
4 =				LINE 3 MINUS LINE 2
1 +				PREVIOUS COUNTS OF COMPONENT/MODULE
5 =				TOTAL COMPONENT COUNTS

DA FORM 2408-16-1, OCT 91 — HISTORY RECORDER, COMPONENT, MODULE RECORD

For use of this form, see DA PAM 738-751, the proponent agency is DCSLOG

Figure 15. Sample of a completed DA Form 2408-16-1 (Removal of a component or module). (Sheet 1 of 3)

Page 1 of 1

1 MODEL	2 ENG S/N	3 NOMENCLATURE	4 P/N	5 S/N
T-700	GEE306459	GG Turbine Rotor Assy	6055T20G03	MRS-07209

6 HISTORICAL COUNTS ON COMPONENT MODULE

7 HISTORY RECORDER S/N: CA000738

LINE	LCF - 1 a	LCF - 2 b	TIME/TEMP INDEX c	OPERATING HOURS d	
3					READING AT REMOVAL OF MODULE/RECORDER
2-	1256	7453	254792	2165	READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +	509	2829	22720	930	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

					7 HISTORY RECORDER S/N
3					READING AT REMOVAL OF MODULE/RECORDER
2-					READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +					PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

DA FORM 2408-16-1, OCT 91 — HISTORY RECORDER, COMPONENT, MODULE RECORD

For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

Figure 15. Sample of a completed DA Form 2408-16-1 (Installation of a component or module). (Sheet 2 of 3)

8 NOMENCLATURE	9 PART NUMBER	10 SERIAL NUMBER	11 O'H OR REPLACE-MENT LIFE	12. HISTORY COUNTS AT LAST DEPOT REPL				13 REPLACE-MENT DUE (Hist rcdr hr)
				LCF-1 a	LCF-2 b	T/T I c	OP HRS d	
Stage 1 Turbine Disk	6039T44P03	GAT3785M	2500	509 843	2829 5105	2272 1959	930 1198	3467
Stage 1 Blade Set	6035T67P02	40ALB	COND	509 0	2829 0	2272 0	930 0	COND
Stator Gas Generator	6039T57G13	GGAAM068	COND	0 0	0 0	0 0	0 0	COND
Stage 2 Turbine Disk	6039T39P03	GAT5922M	2500	0 0	0 0	0 0	0 0	3735
Stage 1 Fwd Cooling Plate	6039T53P03	GAT03354M	COND	0 0	0 0	0 0	0 0	COND
Stage 1 Rear Cooling Plate	6039T50P07	GAT4028L	COND	0 0	0 0	0 0	0 0	COND
Stage 2 Blade Set	6034T93P02	ATC62	COND	0 0	0 0	0 0	0 0	COND
Stage 2 Fwd Cooling Plate	6039T52P05	GAT5509M	COND	0 0	0 0	0 0	0 0	COND
Stage 2 Rear Cooling Plate	6039T51P05	GAT2B996	2500	0 0	0 0	0 0	0 0	3735
Rotor Gas Generator	6039T54G17	GGA07209	COND	0 0	0 0	0 0	0 0	COND

14 SIGNIFICANT HISTORICAL DATA

REVERSE OF DA FORM 2408-16-1, OCT 91

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Figure 15. Sample of a completed DA Form 2408-16-1 (Installation of a component or module). (Sheet 3 of 3)

(d) **Preparation Instructions For Completing a DA Form 2408-16-1, (History Recorder, Component, Module Record (Depot Repair) (Figure 16).**

NOTE: When an unserviceable component or module is received at depot level, Lines 1 through 5, in block 6 should already be filled in. If lines 4 and/or 5 are blank, do the calculations and fill them in.

Blocks 1, 3, 4, and 5 should be filled in. If not, enter the required information.

Block 2 When this form is prepared for a module or component leave this block blank until the module or component is installed on an engine.

Block 6, line 1--(Previous Counts of Component/Module)

a. Enter the cumulative counts from line 5 of the last completed block 6 to line 1 of the next open block 6.

b. If the module has been operated on a slave engine to ensure serviceability after repair the component cumulative counts/hours must be updated.

(1) Calculate the LCF-1, LCF-2, T/TI counts and operating hours accumulated by the module while operating on the slave engine.

(2) Add these counts/hours to the total cumulative counts entered on line 1.

(3) Line out the existing figures in line 1 and enter these updated counts/hours in line 1 above the old figures. Ensure that line 1 of the DA Form 2408-16-1 for the module is also updated at this time.

Block 6, line 2--(Reading at installation of Module/Recorder) When this form is prepared for a module or component leave this block blank until the module or component is installed on an engine.

NOTE: When two or more pages are needed to enter the components and modules on the reverse side of the forms, no entries are required in block 6 of page 2 unless the front side of page 1 is filled.

Block 7 When this form is prepared for a module or component leave this block blank until the component or module is installed on an engine.

BACKSIDE.

8. Nomenclature. Enter the name of each replaceable subcomponent of the component or module on the lines below.

9. Part number. Enter the manufacturer's part number of each subcomponent on the lines below.

10. Serial number. Enter the serial number of each subcomponent on the lines below.

11. O/H or replacement life.

a. If the item in block 8 has an established MAOT, enter the MAOT in this block.

b. If the item in block 8 is a condition change component enter "COND" in this block.

12. Historical counts at last depot repair.

a. The purpose of these blocks is to determine what the cumulative counts on the subcomponents were when the subcomponents were installed on the component or module and the total cumulative counts on the module or component at the time of subcomponent installation.

b. When this form is prepared for the engine, LCF-1, LCF-2, and T/TI counts will not be entered for modules or components that do not have a separate DA Form 2408-16-1. Operating hours only will be entered for components and modules not having a separate DA Form 2408-16-1.

c. Two entries will be made in each block. One entry at the top of the block and one entry at the bottom of the block. The total cumulative counts for the engine at the time of component or module installation will be entered in the top portion of this block. The total cumulative counts for each component or module at the time of installation on the engine will be entered in the bottom portion of each block. This information must be known to

calculate usage accurately and to replace retirement change components at the proper intervals.

d. When installing a replacement subcomponent;

(1) Obtain the information for the top portion of block 12 from line 1, block 6 on the front side of the form. This entry represents the total cumulative counts on the module or component at the time the subcomponents were installed.

(2) Obtain the total cumulative counts for the subcomponent being installed from block 13 of the subcomponent DA Form 2410. Enter this information in the bottom portion of block 12 for the subcomponent. This entry represents the total cumulative counts on the subcomponent at the time the subcomponent is installed on

the module or component.

e. When removing a subcomponent from the module or component;

(1) Calculate the total cumulative counts for each subcomponent by subtracting the module or component historical counts entered in the top portion of block 12 from the new entry in line 1, block 6. Enter this figure in block 7 of the DA Form 2410 prepared for the subcomponent.

(2) Add these counts to the counts in the bottom portion of block 12 for the subcomponent. This is the total cumulative counts for each subcomponent. Enter the total cumulative operating hours in block 8 of the DA Form 2410.

(3) Line out the entry after removal of the subcomponent. Enter the total cumulative counts for the subcomponent in block 13 of the DA Form 2410 prepared for the subcomponent. If a new DA Form 2408-16-1 is prepared, package the new DA Form 2408-16-1 with the repaired component/module. Send the old DA Form 2408-16-1 to ATCOM (ATTN: AMSAT-I-MDO (TACTS)).

13. Replacement due history recorder hr.

a. If the form is completed for an uninstalled component or module leave this block blank. This block will be completed when the module or component is installed on the engine.

b. If the item in block 8 is a condition component enter "COND" in this block.

14. SIGNIFICANT HISTORICAL DATA. Enter any significant historical data on engines, components, modules and parts. Before you enter the data, enter the date of your entry. After you enter the historical data, enter your name, organization, and location. If you need more space, use a DA Form 2408-15 as a continuation sheet. Print "DA Form 2408-16-1 Continuation" in the top margin of the form and complete the form heading with the engine or module information. The following are examples of significant historical data: Crash damage, contamination, hot starts, over torques, overspeeds, salt water immersion, and overhaul/major repair.

Page 1 of 1

1 MODEL	2 ENG S/N	3 NOMENCLATURE	4 P/N	5 S/N
T700		Power Turbine Mod.	6064T98G01	GE-L-037278

6 HISTORICAL COUNTS ON COMPONENT MODULE

7 HISTORY RECORDER S/N: ECD02220

LINE	LCF - 1 (a)	LCF - 2 (b)	TIME/TEMP INDEX (c)	OPERATING HOURS (d)	
3	418	2183	1110	629	READING AT REMOVAL OF MODULE/RECORDER
2-	0	0	0	0	READING AT INSTALLATION OF MODULE/RECORDER
4 =	418	2183	1110	629	LINE 3 MINUS LINE 2
1 +	0	0	0	0	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =	418	2183	1110	629	TOTAL COMPONENT COUNTS
					7. HISTORY RECORDER S/N
3					READING AT REMOVAL OF MODULE/RECORDER
2-					READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +	422 (4 1 8)	2192 (2 1 8 3)	1116 (1 1 1 0)	632 (6 2 9)	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

DA FORM 2408-16-1, OCT 91 — HISTORY RECORDER, COMPONENT, MODULE RECORD

For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

Figure 16.½ Sample of a completed DA Form 2408-16-1 (History Recorder, Component, Module (Depot Repair)). (Sheet 1 of 2)

8 NOMENCLATURE	9 PART NUMBER	10 SERIAL NUMBER	11 O-H OR REPLACE-MENT LIFE	12 HISTORY COUNTS AT LAST DEPOT REPL				13. REPLACE-MENT DUE (Hist rcdr hr)
				LCF-1 a	LCF-2 b	T.T I c	OP HRS d	
Roller Bearing #5	5034T27P01	MAB99342	COND	0 0	0 0	0 0	0 0	COND
Roller Bearing #6	5034T04P01	BARA8644	COND	0 0	0 0	0 0	0 0	COND
Power Turbine Rotor Assy	5043T75G07	GGA11065	COND	0 0	0 0	0 0	0 0	COND
Power Turbine Shaft	6043T35G01	GATY9302	COND	0 0	0 0	0 0	0 0	COND
Stage 3 Disk	6038T32P01	GATKD068	COND	0 0	0 0	0 0	0 0	COND
Stage 4 Disk	6038T34P05	GATJL910	COND	0 0	0 0	0 0	0 0	COND
Stage 3 Blade Set	6038T39P02	GAT0987	COND	0 0	0 0	0 0	0 0	COND
Stage 4 Blade Set	6038T41P02	AP198	COND	0 0	0 0	0 0	0 0	COND
Power Turbine Shaft	6043T35G01	GATY1176	COND	418 0	2183 0	1110 0	629 0	COND

14. SIGNIFICANT HISTORICAL DATA

REVERSE OF DA FORM 2408-16-1, OCT 91

☆ U.S. GOVERNMENT PRINTING OFFICE: 1993 342-027/80390

Figure 16. Sample of a completed DA Form 2408-16-1 (History Recorder, Component, Module (Depot Repair)). (Sheet 2 of 2)

(e) Preparation Instructions For Completing a DA Form 2408-16-1 (History Recorder, Component, Module Record (Replacement of a History Recorder)). (Figure 17).

NOTE: When the history recorder is replaced, all of the existing DA Forms 2408-16-1, for that engine, must have block 6 completed for the old history recorder and line 1 in the next available block 6 completed for the new history recorder. If block 6 is completely filled on the engine, component or module form add another DA Form 2408-16-1. Be sure the serial number of the history recorder you are removing matches the serial number on the DA Form(s) 2408-16-1. Check lines 2, 3, 4, and 5, for discrepancies, and if any discrepancies are found, contact the 2410 Hotline, DSN 693-1879 or Commercial (314) 263-1879. Do not continue with the paperwork until all discrepancies are resolved.

Blocks 1, 2, 3, 4, and 5. Make sure that the engine model, engine serial number, name, manufacturer's part number, and engine/component/module serial number are correctly entered.

Block 6, Line 3--(Reading at removal of module/recorder) Enter the history recorder reading at time of history recorder replacement. If the recorder is inoperative, every effort should be made to establish correct data.

Line 3 minus line 2. Subtract line 2 from line 3 and enter the result on line 4.

Line 5--(Total component counts) Add line 1 to line 4 and enter the result on line 5. Enter this total on line 1 in the next open block 6.

History recorder serial number. Enter the serial number of the history recorder you are installing in the next open block 7.

LINE 2--(Reading at instl of module/recorder) Enter the history recorder reading on line 2 at the time of installation.

LINE 1--(Previous counts of components/module) Re-enter the total from line 5, block 6 for the history recorder that was removed.

NOTE: The entries in block 13 of the DA Forms 2408-16-1 must be recalculated for RC components and subcomponents when a history recorder is replaced. Failure to recalculate the replacement due for RC components and subcomponents may result in exceeding the retirement life of these items.

Page 1 of 1

1 MODEL	2 ENG S/N	3 NOMENCLATURE	4 P/N	5 S/N
T-700	GEE706259	Engine	6071T24G01	

6 HISTORICAL COUNTS ON COMPONENT/MODULE

7 HISTORY RECORDER S/N: ECDH6203

LINE	LCF - 1 a	LCF - 2 b	TIME/TEMP INDEX c	OPERATING HOURS d	
3	1324	5377	5840	1478	READING AT REMOVAL OF MODULE/RECORDER
2-	0	0	0	0	READING AT INSTALLATION OF MODULE/RECORDER
4 =	1324	5377	5840	1478	*LINE 3 MINUS LINE 2*
1 +	0	0	0	0	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =	1324	5377	5840	1478	TOTAL COMPONENT COUNTS

7. HISTORY RECORDER S/N: CA001125

3					READING AT REMOVAL OF MODULE/RECORDER
2-	525	2580	1276	789	READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +	1324	5377	5840	1478	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

DA FORM 2408-16-1, OCT 91 — **HISTORY RECORDER, COMPONENT, MODULE RECORD**

For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

Figure 17. Sample of a completed engine DA Form 2408-16-1 (History Recorder, Component, Module) (for replacement of a History Recorder). (Sheet 1 of 2)

Page 1 of ____

1 MODEL	2 ENG S/N	3 NOMENCLATURE	4 P/N	5. S/N
T-700	GEE706259	Power Turbine Mod.	6064T99G01	GE-L-706259

6 HISTORICAL COUNTS ON COMPONENT/MODULE

LINE	LCF - 1 a	LCF - 2 b	TIME/TEMP INDEX c	OPERATING HOURS d	7 HISTORY RECORDER S/N: ECDH6203
3	1324	5377	5840	1478	READING AT REMOVAL OF MODULE/RECORDER
2-	0	0	0	0	READING AT INSTALLATION OF MODULE/RECORDER
4 =	1324	5377	5840	1478	LINE 3 MINUS LINE 2
1 +	0	0	0	0	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =	1324	5377	5840	1478	TOTAL COMPONENT COUNTS
					7. HISTORY RECORDER S/N: CA001125
3					READING AT REMOVAL OF MODULE/RECORDER
2-	525	2580	1276	789	READING AT INSTALLATION OF MODULE/RECORDER
4 =					LINE 3 MINUS LINE 2
1 +	1324	5377	5840	1478	PREVIOUS COUNTS OF COMPONENT/MODULE
5 =					TOTAL COMPONENT COUNTS

DA FORM 2408-16-1, OCT 91 — HISTORY RECORDER, COMPONENT, MODULE RECORD

For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

Figure 17. Sample of a completed module DA Form 2408-16-1 (History Recorder, Component, Module) (for replacement of a History Recorder).. (Sheet 2 of 2)

15. Weight and Balance. N/A.

16. Points of Contact for this Technical Bulletin.

a. Technical, Mr. Dick Hazlewood, AMSAT-R-EP, DSN 693-1145, or Commercial (314) 263-1145.

b. Logistical, Mr. Dave Lizotte, SFAE-AV-BH, DSN 693-1708, or Commercial (314) 263-1708.

c. Forms and Records, Mrs. Ann Waldeck, AMSAT-I-MDM, DSN 693-1821 or Commercial (314) 263-1821.

d. Foreign Military Sales (FMS), Recipients requiring clarification of action advised by this Technical Bulletin should contact CW5 Jay Nance/Mr. Ron Van Rees, AMSAT-I-IAF, DSN 693-3826 or Commercial (314) 263-3826.

e. After hours, contact ATCOM Command Operations Center (COC), DSN 693-2066/2067 or Commercial (314) 263-2066/2067.

17. Reporting of Errors and Recommending Improvements. You can help improve this TB. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you.

By Order of the Secretary of the Army:

GORDON R. SULLIVAN
General, United States Army
Chief of Staff

Official:
MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army
06949

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
1 decimeter = 10 centimeters = 3.94 inches
1 meter = 10 decimeters = 39.37 inches
1 dekameter = 10 meters = 32.8 feet
1 hectometer = 10 dekameters = 328.08 feet
1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
inches
1 decigram = 10 centigrams = 1.54 grains
feet
1 gram = 10 decigram = .035 ounce
feet
1 decagram = 10 grams = .35 ounce
2.47 acres
1 hectogram = 10 decagrams = 3.52 ounces
1 kilogram = 10 hectograms = 2.2 pounds
1 quintal = 100 kilograms = 220.46 pounds
1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
1 deciliter = 10 centiliters = 3.38 fl. ounces
1 liter = 10 deciliters = 33.81 fl. ounces
1 dekaliter = 10 liters = 2.64 gallons
1 hectoliter = 10 dekaliters = 26.42 gallons
1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
1 sq. decimeter = 100 sq. centimeters = 15.5 sq.

1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq.

1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq.

1 sq. hectometer (hectare) = 100 sq. dekameters =

1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
1 cu. decimeter = 1000 cu. centimeters = 61.02 cu.
inches
1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	*To*	*Multiply by*	*To change*	*To*	*Multiply by*
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

PIN: 072816-000