

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

WARRANTY PROGRAM
FOR
COMPUTER GROUP, GUN DIRECTION
0L-200A/GYK-29(V)

Headquarters, Department of the Army, Washington, DC

1 March 1992

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this bulletin. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LM-LT, Fort Monmouth, NJ 07703-5000. A reply will be furnished to you.

1. General. This Warranty Technical Bulletin (WTB) defines the design, performance, materials, and workmanship warranty that covers components of Computer Group, Gun Direction 0L-200A/GYK-29(V) purchased under Contract No. DAAB07-85-C-J007. Contractor and Government responsibilities for reporting and remedying warranty claims are specified as are any limitations imposed by the warranty.

2. Explanation of Terms.

a. Abuse. The improper use, repair, or handling of warranted items such as that the warranty may become void.

b. Acceptance date. The date an item of equipment is accepted into the Army's inventory by the execution of the acceptance block and signing of a DD Form 250 or approved acceptance document by

an authorized representative of the government.

c. Alterations/Modifications. Any alteration after production such as retrofit, conversion, remanufacture, design change, engineering change and the like.

d. Defect. Any condition or characteristic in any supplies or services furnished by the contractor under the contract that is not in compliance with the requirements of the contract.

e. Failed item. A part, component, or end item that fails to perform its intended use.

f. Repair. To restore an item to serviceable condition without affecting the warranty.

g. Warranted returned unit. An end item or removable subassembly which is serialized and

identified with a warranty identification tag.

h. Warranty. A promise or statement of fact from a seller to a purchaser on the nature, use - fullness, or condition of the supplies or performance of services to be furnished. The main purposes of a warranty in a government contract are to outline the rights and obligations of the contractor and the government for defective items and services. It also serves to foster quality performance by the contractor but is not a substitute for an adequate quality assurance program.

3. Coverages - Specific. The warranty defined in this technical bulletin applies to the following equipment:

- Computer, Gun Direction CP-1317A/GYK-29(V)
CLIN: 3000, NSN: 1220-01-211-4294
FSCM: 95542, Part No.: B4010315
Serial Nos.: 1332 thru 1456
- Power Distribution Unit (P/O) ON-188/GYK-29(V))
CLIN: 3000, NSN: 5895-01-121-1341
FSCM: 95542, Part No.: B4009290
Serial Nos.: 1406 thru 1530
- Contract No.: DAAB07-85-C-J007
- Warranty Period: 12 months after acceptance
- Type of Coverage: Repair/replacement of warranted components that:

- 1. Fail to conform to the design and manufacturing requirements of the contract including the requirements of the Acceptance Test Specifications as set forth in the applicable drawings; or
- 2. Fail as a result of defects in materials or workmanship; or
- 3. Fail to conform to the essential performance requirements of the contract. Essential performance requirements shall be demonstrated by successful accomplishment of the applicable acceptance test procedures specified in the contract.

4, Contractor Responsibilities.

a. The Contractor shall repair or replace (at

the discretion of the Contractor) and/or correct the design and/or construction of those items that are returned to the Contractor for condition specified in paragraph 3 during the warranty period specified in paragraph 3.

b. The Contractor shall repair or replace all warranty items during the warranty period at no additional cost to the Government. With respect to Government furnished property, the Contractor's warranty shall extend only to its proper installation unless the Contractor performs some modification or other work on such property, in which case the Contractor's warranty shall extend to such modification or other work.

c. When warranted items are returned to the Contractor, the Contractor shall pay the transportation costs from and to Tobyhanna Army Depot.

d. The Contractor shall replace any warranted item found to be Beyond Economical Repair (BER). The BER item will become the property of the Contractor.

e. The Contractor shall prepare and furnish to the government, warranty data and reports as defined in the contract.

5. Government Responsibilities

a. Army field units shall return any item of failed equipment listed in paragraph 3 to Transportation Officer, Tobyhanna Army Depot, ATTN: SDSTO-QS-G (Bldg 1C-6), Tobyhanna, PA 18466-5091, marked: Warranty Item, B16 Account, Contact TF/BCS QAS, ext 7732.

b. All warranty failed items shall be submitted via DA Form 2407 or DA Form 5504 to Commander, US Army Communications Electronics Command (CECOM), ATTN: AMSEL-PA-MS-W, Ft. Monmouth, NJ 07703-5000. Warranty items shall not be shipped to Tobyhanna Army Depot prior to receiving disposition instructions from CECOM. If additional assistance is required, please use the following means of communication to contact CECOM'S Warranty Officer:

(1) Telephone Area Code (908) 532-0525/0544 or DSN 992-0525/0544.

(2) Warranty Hot Line 24 hours/day: Area Code (908) 532-1276 or DSN 992-1276.

(3) Warranty Office business hours 0800-1630 hours EST.

(4) Point of contact is AMSEL-PA-MS-W.

(5) E-Mail address: AMSEL-PA @ CECOM-2 ARPA.

c. The Government shall notify the Contractor in writing of any failure of the warranted equipment to comply with the requirements specified in paragraph 3 within 90 days after discovery of the non-compliance. Notification shall be submitted by the Contracting Officer or his designee to Norden Systems, Inc. 1 Norden Place, Norwalk, CT 06852, marked Attention: Contracts. The notification shall be in accordance with standard Army procedures defined in DA Pamphlet 738-750 using DA Form 2407/5504, Maintenance Request.

d. Failed warranty items shall be tagged/identified using DA Form 2402, Exchange Tag in accordance with DA Pamphlet 738-750, to prevent improper repair or use.

e. In the event of a failure of any item of equipment called for by the line items specified in paragraph 3 to meet the conditions specified in paragraph 3, the Contracting Officer or his appointed designees may at their sole discretion:

(1) Order the Contractor to repair or

replace those items as specified in paragraph 4; or

(2) Elect to have the Government perform the corrective action in accordance with the approved Maintenance Allocation Chart and set off those costs reasonably incurred by the United States in taking the action against the contract; or

(3) If the Contractor refuses or is unable to perform pursuant to b. 1 above, elect to have the repair, replacement, or redesign performed by a third party or parties and set off the costs reasonably incurred by the United States in taking the action against the contract.

6, Nullification.

a. This warranty does not cover combat damage, liability for loss, damage, or injury to third parties, or consequential damages. For units returned with failures found to be caused by misuse, abuse, negligence, or mishandling, the Contractor shall be entitled to equitable adjustment in the contract price for all repair efforts.

b. In the event an item returned to the Contractor for warranty repair is found not to be defective, the Contractor shall be entitled to equitable adjustment in the contract price for all efforts incurred in the handling, examination, testing, inspection and return of the item.

c. If a line item defined under paragraph 3 is returned under warranty with non-warranted modules, the Contractor shall be entitled to equitable adjustment in the contract price for repair of any non-warranted item. If a warranted item is found defective, it will be repaired under a separate repair order at no cost.

WARRANTED ITEM
EXPIRES:

Warranty Label

COMPUTER GUN DIRECTION
CP-1317A/GYK-29

CONTRACT NO. DAAB07-85-C-J007	SERIAL NO. <input type="text"/>
B4009315	FSCM NO. 56996
MFR 95542	U.S.

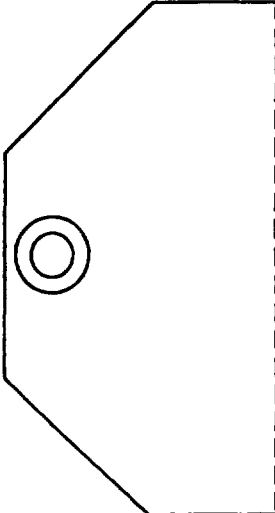
Gun Direction Computer
Nameplate

POWER DISTRIBUTION UNIT

CONTRACT NO. DAAB07-85-C-J007	SERIAL NO. <input type="text"/>
B4009290	FSCM NO. 56996
MFR 95542	U.S.

Power Distribution Unit
Nameplate

DA FORM 2402 EXCHANGE TAG AND COMPLETION INSTRUCTIONS

	1. SUPPORT AGENCY (DODAAC)		2. DATE		COPY 1 DA FORM 2402 APRIL 89	
	3. ORGANIZATION (DODAAC)		4. <input type="checkbox"/> EIR EXHIBIT <input type="checkbox"/> EXCHANGE			
	5. NSN		6. NOUN NOMENCLATURE			
	7. PD	8. PD AUTHENTICATION				
	END ITEM IDENTIFICATION	9. END ITEM NOUN NOMENCLATURE				
	10. MODEL		11. SERIAL NO.			
	12. DEFICIENCY OR SYMPTOM					
	13. DATE ACCEPTED	14. SIGNATURE		15. NMCS		
	16. JON		17. INITIALS			
	18. DATE REPAIRED		19. INITIALS			

Completion instructions by block number and title

(1) **SUPPORT AGENCY (DODAAC)** Enter the DODAAC of the support activity that will exchange the item for you. When this form is used for other than exchanges, use the DODAAC or UIC.

(2) **DATE** Enter the Julian date the item was prepared for exchange.

(3) **ORGANIZATION (DODAAC)** Enter the DODAAC of the unit or organization needing to exchange the item. When this form is used for other than exchanges, use the DODAAC or UIC.

(4) **EIR EXHIBIT EXCHANGE.** Mark the block to show an exchange or EIR exhibit. When used for warranty claim, put a "W" in the open space to the right of EIR EXHIBIT.

(5) **NSN.** Enter the NSN of the item.

(6) **NOUN NOMENCLATURE.** Print the noun abbreviation of the item to be exchanged.

(7) **PD** Enter the priority designator (PD) that applies to the action. The unit or organization listed in Block 3 normally assigns the PD. When the exchange supports a customer maintenance request, use the PD of the maintenance request.

(8) **PD AUTHENTICATION**
 a. The Commander or the designated representative signs when a PD of 01 through 10 is in Block 7.
 b. Enter the job order number when a PD of 01 through 10 is taken from a maintenance request.

(9) **END ITEM NOMENCLATURE.** Enter the noun abbreviation of the end item for the part or component in Block 6.

(10) **MODEL.** Enter the model number of the end item.

(11) **SERIAL NO.** Enter the serial number of the end item.

(12) **DEFICIENCY OR SYMPTOM.** Briefly describe the problem.

(13) **DATE ACCEPTED.** When the form is used as a receipt, the exchange facility will enter the Julian date.

(14) **SIGNATURE.** The person who receives the item for exchange signs.

(15) **NMCS.** Print the word "Yes" for an NMCS condition.

(16) **JON.** The facility that will repair the item enters the job order number.

(17) **INITIALS.** The person receiving the item for repair initials in this block.

(18) **DATE REPAIRED.** The person doing the work enters the date the work was finished.

(19) **INITIALS.** The person doing the work initials in this block.

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL
For use of the form, see TM 38-750. The organization symbol is OCSLOG.						COLD-1041(R1)
SECTION I - EQUIPMENT DATA						
CONTROL NUMBER Insert Control No. Or Use Prenumbered		WORK ORDER NUMBER (Data As Approp.)		WESOC	ORG PO	PO AUTHENTICATION (Data As Appropriate)
<input type="checkbox"/> WORK REQUEST <input type="checkbox"/> WWO <input checked="" type="checkbox"/> WARRANTY CLAIM	14. ORGANIZATION Organization Name		8. LOCATION Location Address		6. UNIT IDENT CODE Self Explan	
1. SERIAL NO. Defective Unit SN	3. NOUN NOMENCLATURE Nomenclature of Def Item/Equipment/Sys.		4. LINE NO.	5. MODEL Defective Model/Type Des.	9. NATIONAL STOCK NUMBER Required Input	
7. MAINTENANCE ACTIVITY	2. LEVEL	10. UTILIZATION CODE	11. MCR ITEM	4. ERC	8. PACING ITEM	10. HOURS 11. MILES 12. ROUNDS 13. STARTS
14. FAILURE DETECTED DURING (Select one - use 1 or X) <input type="checkbox"/> Scheduled Maintenance <input type="checkbox"/> Handling <input checked="" type="checkbox"/> Test <input type="checkbox"/> Normal Op			15. FIRST INDICATION OF TROUBLE (Select one - use 1 or X) <input type="checkbox"/> Storage <input type="checkbox"/> Flight <input type="checkbox"/> Inoperative <input type="checkbox"/> Noise <input checked="" type="checkbox"/> Overheating <input type="checkbox"/> Low Performance <input type="checkbox"/> Out of Adjustment <input type="checkbox"/> Other			
16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not provide repair)						
"WARRANTY CLAIM ACTION"						
(Information in items 2 through 13 above refer to the weapon system from which The Defective Unit/Sub-System was removed (e.g., Helicopter, Tank, Camp. System))						
17a. REMARKS (Name and Telephone Number of Originator/MILNET OR DEN Address)						
SECTION II - WORK ACCOMPLISHED						
17a. REPAIR ORGANIZATION/ACTIVITY		7. UNIT IDENT CODE		18. TRADE ORGANIZATION/ACTIVITY AND COMPLETION DATE (Select one - use 1 or X) <input type="checkbox"/> TOE <input type="checkbox"/> CONTRACTOR		19. AMS ACCOUNT CODE
9. LOCATION						
70a. ACT CODE	FAILURE CODE	1. COMPONENT, PART HOUR, SVC. OR AMPL NO 1. CS CODE 2. REF DESIGNATOR 3. WFR CODE		MANUFACTURER'S NAME	NATIONAL STOCK NUMBER	PART CLASS CODE
PART NAME:		NSN				
MFG: Manufacturer's Name and ESCN		MFG. PART NO:				
SERIAL NO: Defective Item Serial No.		CONTRACT NO: (From Name Plate Data)				
OPERATING TIME: (Since Installation)		DATE OF MFG: (If Known)				
DATE OF FAILURE: (Essential Information)						
DATE INSTALLED: (Placed in Service)		DATE REMOVED: (Taken Out of Service)				
FAILURE DETECTED DURING: (e.g., Operation Test, Inspection, Training, etc.)		WARRANTY EXPIRATION DATE: (From Warranty Label/Stamp)				
DESCRIPTION OF DEFECT/FAILURE: (Describe Failure Symptoms as Clearly as Possible)						
CAUSE OF FAILURE: (If Known)						
RETURNED TO: (Complete Only if Defective Unit Has Been Evacuated)						
TOTAL MANHOURS		TOTAL MANHOURS COST		TOTAL PARTS COST		
21. DELAY (Select one) <input type="checkbox"/> None <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Serious <input type="checkbox"/> Major						
22. SUBMITTED BY		24. RECEIVED BY		26. WORK STARTED BY		28. INSPECTED BY
23. ACCEPTED BY		25. WORK STOPPED BY		27. INSPECTED BY		29. ACCEPTED BY
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE
20. DISPOSITION (Select one) <input type="checkbox"/> To User <input type="checkbox"/> To Store <input type="checkbox"/> To Repair <input type="checkbox"/> To Scrap <input type="checkbox"/> To Destroy <input type="checkbox"/> To Salvage <input type="checkbox"/> To Recycle <input type="checkbox"/> To Other						

DA FORM 2407

EDITION OF JUL 78 IS OBSOLETE

ORGANIZATION COPY

MAINTENANCE REQUEST		PAGE NO.		NO OF PAGES		EQUIPMENT CONTROL SYMBOL		CONTROL NUMBER	
For use of this form, see PAM 738-750. The abbreviation appears in OCELOG.									
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA				
1A. MR. CUSTOMER		1B. CUSTOMER UNIT NAME		1C. PHONE NO.		1D. WOLA CIRCLE NUMBER (FURN.)		1E. ZIP / PHONE NO.	
2A. IF INTEREST CUSTOMER, ENTER DATA IN BLOCKS 2A AND 2B		2B. BRAND / UN.		3. UTILIZATION CODE		4B. UIC SUPPORT		4A. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA									
1. TYPE MAT. (SEE PAM 738-750)				11. FAILURE DETECTED (SEE PAM 738-750)					
2. MODAL				12. WILES/LIBRETERS (SEE PAM 738-750)		13. HOURS		14. BOUNDS	
3. SERIAL				15. BARCODES		16. AUTO INITIATIONS (IF APPLICABLE)		17. PRODUCT CODE	
4B. OIG WORK				18. LC		19. IN WARRANTY		20. LEVEL OF WOLA (SEE PAM 738-750)	
11. SERIAL NUMBER				12. QTY		13. PD		21. SERVICEABLE CUSTOMER (IF INTEREST CUSTOMER, SEE PAM 738-750)	
16. SUBFUNCTION DESCRIPTION (SEE PAM 738-750)				21. WAFER NO./TALL NO.		22. SERVICEABLE CUSTOMER (IF INTEREST CUSTOMER, SEE PAM 738-750)			
24. SPECIAL DEFICENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TB (SEE PAM 738-750)				23. PD AUTHENTICATING MARKING (SEE PAM 738-750)					
End Item Bar Code Label No. (BCLN)				Part (BCLN)					
24B. ADDRESS				24C. CONTRACT NO. (EDOM NAMED-ITE DATA)					
RANGE OR EXTENSION (IF KNOWN)				24D. DETERMINED TO (COMPLETE ONLY IF DEFECTIVE UNIT HAS BEEN EVALUATED)					
SECTION IV - REPORTABLE DATA									
25A. ORG DATE		26. MIL TIME		27A. ORG DATE		28. MIL TIME		29. TECHNICAL ADDRESS	
(NAME AND TELEPHONE NUMBER OF ORIGINATOR? MILNET OR DDN ADDRESS)									
WARRANTY START DATE: (FROM WARRANTY LABEL)									
SECTION V - TASK REQUIREMENTS DATA									
30. TASK ACT CD		31. TASK ACT CD		32. TASK DESCRIPTION		33. TO BE SPS		34. WOLA CENTER	
35. FAILURE CODE		36. FAILURE CODE		37. FAILURE CODE		38. FAILURE CODE		39. FAILURE CODE	
SECTION VI - PART REQUIREMENTS									
40. PART ACT CD		41. PART ACT CD		42. PART NUMBER		43. QTY		44. STORAGE LOCATION	
45. FAILURE CODE		46. FAILURE CODE		47. FAILURE CODE		48. FAILURE CODE		49. FAILURE CODE	
SECTION VII - COMPLETION DATA									
50. QTY SPS		51. QTY CONDOR		52. QTY REQS		53. EVAC REQ		54. EVAC UNIT NAME	
SECTION VIII - ACTION SIGNATURES									
55. SUBMITTED BY		56. ACCEPTED BY		57. MODEL STARTED BY		58. INSPECTED BY		59. PICKED UP BY	
60. ORG DATE		61. ORG DATE		62. ORG DATE		63. ORG DATE		64. ORG DATE	

DA FORM 5504, APR 87

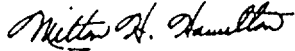
DA FORM 5504 (TEST) GAC-28-MAY 84 4640

COPY 2

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
01046

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