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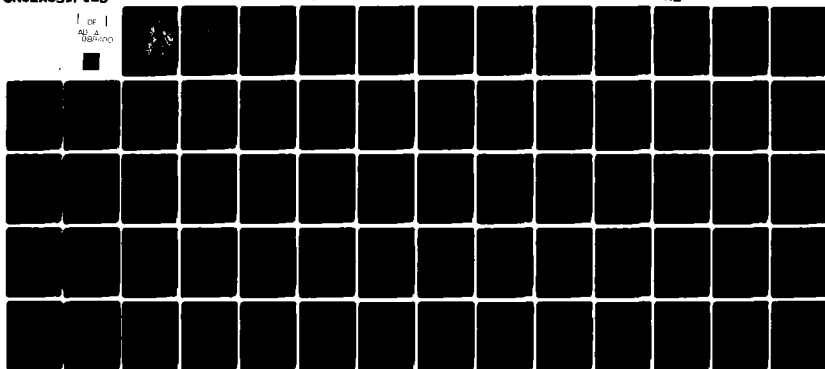
MARINE CORPS WASHINGTON DC
MILITARY OCCUPATIONAL SPECIALTIES (MOS) 2131.(U)
SEP 77

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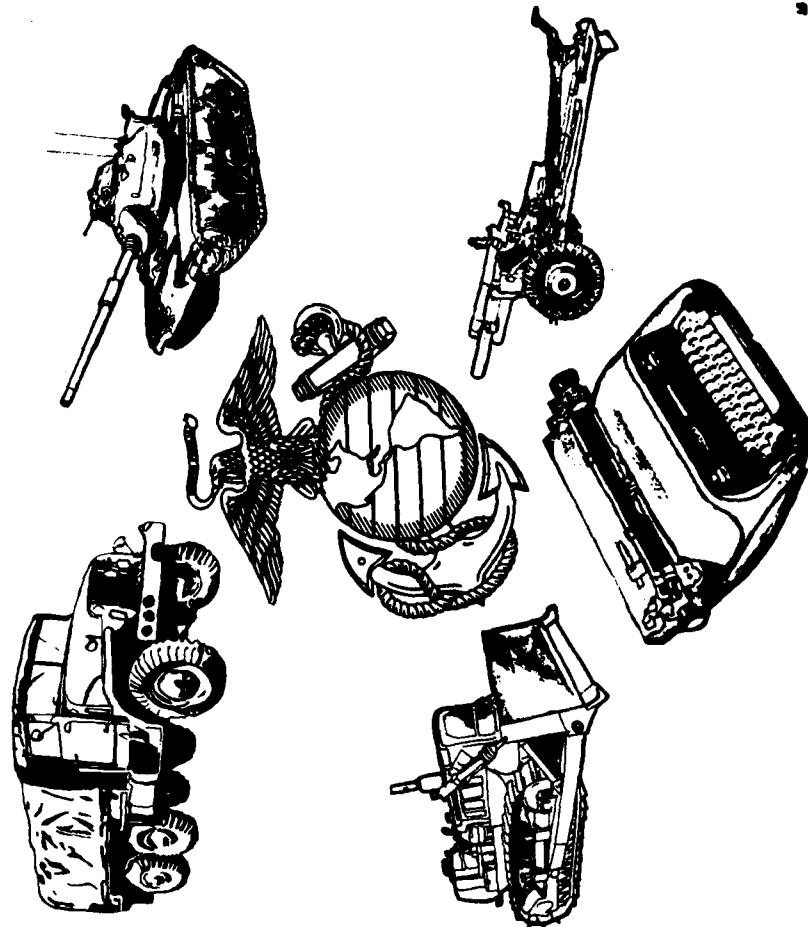
Date: Sept. '77

HEADQUARTERS
UNITED STATES MARINE CORPS

OFFICE OF MANPOWER UTILIZATION
TASK ANALYSIS OF

LEVEL II

MOS/2131.



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INTRODUCTION

YOU HAVE BEEN SELECTED TO PARTICIPATE IN A STUDY ON THE BASIS OF YOUR CURRENT JOB ASSIGNMENT. THE INFORMATION YOU FURNISH WILL BE OF GREAT VALUE TO THE MARINE CORPS IN FUTURE DECISIONS ON: (1) OCCUPATIONAL FIELD STRUCTURE, (2) TRAINING, (3) CLASSIFICATION, AND (4) ASSIGNMENT POLICY.

THIS QUESTIONNAIRE WAS CONSTRUCTED FROM ON-THE-JOB OBSERVATIONS AND INTERVIEWS WITH MARINES PERFORMING DUTIES AND TASKS SIMILAR TO THOSE YOU PERFORM. IT IS DESIGNED TO DETERMINE WHAT YOU DO IN YOUR PRESENT JOB.

THIS IS NOT A TEST. NEITHER YOU, YOUR COMMANDER, NOR YOUR UNIT WILL BE EVALUATED. IN ANY WAY, ON THE INFORMATION YOU PROVIDE. YOUR INDIVIDUAL ANSWERS WILL BE HELD IN THE STRICTEST CONFIDENCE.

THE RESULTS OF THE INFORMATION YOU PROVIDE IN THIS QUESTIONNAIRE WILL BE OF BENEFIT TO YOU AND OTHER MARINES IN YOUR OCCUPATIONAL FIELD. THEREFORE PLEASE BE AS STRAIGHTFORWARD, ACCURATE AND FRANK AS POSSIBLE. ALL ANSWERS SHOULD BE BASED ON YOUR PRESENT JOB ASSIGNMENT.

THERE ARE THREE PARTS TO THE QUESTIONNAIRE:

- PART I BACKGROUND INFORMATION
- PART II JOB SATISFACTION/DISSATISFACTION STATEMENTS
- PART III TASK STATEMENTS

THERE IS NO TIME LIMIT TO COMPLETE THIS QUESTIONNAIRE.
PLEASE TURN THE PAGE

Accession For	
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(1/ 1- 8)

1. BOOK NUMBER _____

(1/ 9-12)

2. WHAT IS YOUR PRESENT REPORTING UNIT CODE (RUC)?

(1/13-17)

3. SOCIAL SECURITY NUMBER _____

(1/18-26)

4. RANK

(1/27)

1. PVT

2. PFC

3. LCPL

4. CPL

5. SGT

6. SSGT

7. GYSGT

8. MSGT

9. MGYSGT

5. SEX (1/28)
1. MALE
2. FEMALE

6. PRIMARY MOS (1/29-32)

7. 1ST ADDITIONAL MOS (1/33-36)

8. BILLET/DUTY MOS (1/37-40)

9. WHAT IS THE TOTAL TIME YOU HAVE IN:

1. THE U.S. MARINE CORPS	(YEARS)	(1/41-42)
2. YOUR PRIMARY MOS	(YEARS)	(1/43-44)
3. YOUR CURRENT ASSIGNMENT/BILLET	(MONTHS)	(1/45-46)

10. AT WHAT LEVEL OF COMMAND ARE YOU PRESENTLY WORKING?

(1/47-48)

- | | |
|--|-----------------------|
| 1. HQ FMFLANT/PAC | 2. SEPARATE BATTALION |
| 3. HQ MAF/MAB | 4. SQUADRON |
| 5. HQ DIVISION | 6. COMPANY |
| 7. HQ WING | 8. SEPARATE COMPANY |
| 9. HQ BRIGADE | 10. DETACHMENT |
| 11. REGIMENT | 12. SUB-UNIT |
| 13. AIRCRAFT GROUP | 14. BATTALION |
| 15. OTHER (INDICATE ON LAST PAGE OF BOOKLET) | |

11. ON THE AVERAGE, HOW MANY HOURS PER WEEK ARE YOU REQUIRED TO WORK?

(1/49)

1. LESS THAN 10 HOURS
2. 41 TO 45 HOURS
3. 46 TO 50 HOURS
4. 51 TO 60 HOURS
5. MORE THAN 60 HOURS

12. WHAT IS THE HIGHEST LEVEL OF CIVILIAN EDUCATION YOU HAVE COMPLETED? (1/50)
(TO INCLUDE GED CREDIT)

1. LESS THAN HIGH SCHOOL GRADUATE
2. HIGH SCHOOL GRADUATE
3. 1 YEAR COLLEGE
4. 2 YEARS COLLEGE
5. 2 YEARS COLLEGE WITH ASSOCIATE DEGREE
6. 3 YEARS COLLEGE
7. 4 YEARS COLLEGE WITH DEGREE

13. HOW DID YOU RECEIVE YOUR PRIMARY MOS? (SELECT ONE OR MORE)

1. SCREENED FOR TALENT OR CIVILIAN ACQUIRED SKILL (1/51)
2. ON THE JOB TRAINING (OJT) (1/52)
3. COMPLETION OF SERVICE SCHOOL OR COURSE (1/53)
4. RETRAINING FROM OTHER MOS (1/54)
5. LATERAL MOVE UPON REENLISTMENT (1/55)
6. DIRECTED RECLASSIFICATION (1/56)
7. PROMOTION OR REDUCTION IN GRADE (1/57)

14. WHAT TYPE OF TRAINING DID YOU RECEIVE TO PREPARE YOU FOR YOUR PRESENT JOB? (SELECT ONE OR MORE)

- 1. ON THE JOB TRAINING (1/58)
- 2. COMMAND OR UNIT SPONSORED SCHOOL (1/59)
- 3. FORMAL SERVICE SCHOOL (1/60)
- 4. CIVILIAN SCHOOLING (1/61)
- 5. CIVILIAN EXPERIENCE (1/62)
- 6. CORRESPONDENCE COURSE(S) (1/63)
- 7. HAVE NOT RECEIVED ANY TRAINING (1/64)

15. WHICH OF THE FOLLOWING BEST DESCRIBES THE PERCENT OF TIME YOU SPEND PER MONTH ON NON-MOS TASKS? (SUCH AS, GENERAL MILITARY TRAINING, DUTIES, INSPECTIONS, DETAILS AND CEREMONIES)

(1/65)

- 1. LESS THAN 5%
- 2. 6% TO 10%
- 3. 11% TO 15%
- 4. 16% TO 25%
- 5. 26% TO 50%
- 6. OVER 50%

16. MY PRESENT BILLET TITLE IS BEST DESCRIBED AS: (SELECT ONLY ONE)

1/56-67)

1. BATTALION ARMORER
2. ASSISTANT ARMORER
3. INFANTRY WEAPONS REPAIRMAN
4. ARMORER
5. INFANTRY WEAPONS ARMORER
6. REPAIR CONTROL ASSISTANT
7. R&E REPAIRMAN
8. ARTILLERY WEAPONS REPAIRMAN
9. SCHEDULING NCO
10. WEAPONS TECHNICIAN
11. SECTION LEADER
12. ARTILLERY WEAPONS REPAIRMAN/DRIVER
13. TANK REPAIRMAN
14. SQUAD LEADER
15. TANK RECOVERY VEHICLE CREWMAN
16. TANK RECOVERY VEHICLE COMMANDER
17. REPAIR CONTROL CLERK
18. RECOVERY VEHICLE SECTION LEADER

19. AMTRAC REPAIRMAN
20. TRACKED VEHICLE REPAIRMAN AMPHIBIAN
21. AMPHIBIOUS TRACTOR MECHANIC
22. REPAIR TEAM LEADER
23. LVT RECOVERY VEHICLE CREWMAN
24. LVT RECOVERY VEHICLE COMMANDER
25. SECTION CHIEF/TRACKED VEHICLE TECHNICIAN
26. SELFPROPELLED ARTILLERY REPAIRMAN
27. TRACKED VEHICLE TECHNICIAN
28. SELFPROPELLED ARTILLERY MECHANIC
29. TRACKED VEHICLE REPAIR CHIEF
30. TRACKED VEHICLE MAINTENANCE CHIEF
31. ASSISTANT TRACKED VEHICLE MAINTENANCE CHIEF
32. MAINTENANCE CHIEF
33. WEAPONS UNIT NCOIC
34. ASSISTANT UNIT LEADER
35. TURRET REPAIR CHIEF
36. TURRET REPAIRMAN
37. TURRET MECHANIC

- 38. OPTICAL INSTRUMENT REPAIR BRANCH CHIEF
- 39. OPTICAL INSTRUMENT REPAIRMAN
- 40. OPTICAL INSTRUMENT TECHNICIAN
- 41. DIVISION CHIEF
- 42. ORDNANCE CHIEF
- 43. PLATOON SGT
- 44. SHOPS MAINTENANCE MANAGEMENT CHIEF
- 45. METAL WORKER
- 46. SHEET METAL WORKER
- 47. WELDER
- 48. METAL WORKER FOREMAN
- 49. REPAIR SHOP MACHINIST
- 50. MACHINIST, WEAPONS REPAIR
- 51. MACHINIST FOREMAN
- 52. CHIEF WEAPONS REPAIR MACHINIST
- 53. MACHINE SHOP CHIEF
- 54. BODY REPAIRMAN
- 55. VEHICLE PAINTER
- 56. OTHER (INDICATE ON LAST PAGE OF BOOKLET)

17. HOW MANY PERSONNEL DO YOU DIRECTLY SUPERVISE ON MOS RELATED DUTIES?

(1/68)

1. NONE
2. 1-5
3. 6-10
4. MORE THAN 10

18. IN YOUR PRESENT JOB, WHAT IS THE HIGHEST ECHELON OF MAINTENANCE YOU PERFORM?

(1/69)

1. 1ST ECHELON
2. 2D ECHELON
3. 2D ECHELON LIMITED 3D
4. 3D ECHELON
5. 3D ECHELON LIMITED 4TH
6. 4TH ECHELON
7. 5TH ECHELON

19. WHAT PERCENT OF YOUR TIME IS SPENT IN MAINTENANCE RELATED ADMINISTRATIVE DUTIES?

- 1. LESS THAN 10%
- 2. 11% TO 25%
- 3. 26% TO 50%
- 4. 51% TO 75%
- 5. MORE THAN 75%

20. IN YOUR OPINION, SHOULD A PRIMARY MOS BE ESTABLISHED TO IDENTIFY A MAINTENANCE ADMINISTRATIVE CLERK?

(1/71)

- 1. YES
- 2. NO
- 3. NO OPINION

21. WHICH OF THE FOLLOWING MOS RELATED SCHOOLS OR COURSES HAVE YOU COMPLETED? (SELECT ONE OR MORE)

- 1. MOTOR TRANSPORT SNCO LEADERSHIP COURSE, CAMP LEJEUNE (1/72)
- 2. ADVANCED AUTO MECHANIC/MAINTENANCE NCO COURSE, CAMP LEJEUNE (1/73)
- 3. SPECIAL MULTIFUEL ENGINE COURSE, CAMP LEJEUNE (1/74)

4. FUEL AND ELECTRICAL SYSTEMS REPAIR COURSE, ABERDEEN, MD. (1/75)
5. BASIC AUTO MECHANIC COURSE, CAMP LEJEUNE (1/76)
6. ARTILLERY TRACK VEHICLE MAINTENANCE SCHOOL, FORT SILL, OKLA. (1/77)
7. TRACKED VEHICLE REPAIRMAN, AMPHIBIAN VEHICLE COURSE, CAMP PENDLETON (1/78)
8. TRACKED VEHICLE REPAIRMAN COURSE, SELF-PROPELLED ARTILLERY COURSE, ABERDEEN, MD. (1/79)
9. TRACKED VEHICLE REPAIRMAN, TANK COURSE, ABERDEEN, MD. (2/ 1)
10. ENGINEER EQUIPMENT CHIEF COURSE, CAMP LEJEUNE (2/ 2)
11. ENGINEER EQUIPMENT MAINTENANCE COURSE, FORT BELVOIR, VA. (2/ 3)
12. ENGINEER EQUIPMENT MECHANIC SCHOOL, CAMP LEJEUNE (2/ 4)
13. JOURNEYMAN ENGINEER EQUIPMENT MECHANIC COURSE, CAMP LEJEUNE (2/ 5)
14. SMALL ARMS REPAIR COURSE, ABERDEEN, MD. (2/ 6)
15. ARTILLERY REPAIR SCHOOL, ABERDEEN, MD. (2/ 7)
16. TURRET REPAIRMAN SCHOOL, ABERDEEN, MD. (2/ 8)
17. FIRE CONTROL INSTRUMENT REPAIR COURSE, ABERDEEN, MD. (2/ 9)
18. OFFICE MACHINE REPAIR SCHOOL, FORT LEE, VA. (2/10)
19. BASIC METAL WORKERS COURSE, CAMP LEJEUNE (2/11)
20. JOURNEYMAN METAL WORKERS COURSE, CAMP LEJEUNE (2/12)
21. MACHINERY REPAIRMAN COURSE, CLASS A. N.T.C., SAN DIEGO, CA. (2/13)

- 22. MACHINIST COURSE, ABERDEEN, MD. (2/14)
- 23. METAL BODY REPAIR COURSE, ABERDEEN, MD. (2/15)
- 24. MAINTENANCE MANAGEMENT COURSE, ALBANY, GA. (2/16)
- 25. AUTOMOTIVE ENGINE MAINTENANCE AND REPAIR COURSE (MCI) (2/17)
- 26. AUTOMOTIVE POWER TRAINS COURSE (MCI) (2/18)
- 27. FUNDAMENTALS OF DIESEL ENGINES COURSE (MCI) (2/19)
- 28. GM SERIES 71 DIESEL ENGINES COURSE (MCI) (2/20)
- 29. BASIC ENGINEER EQUIPMENT MECHANIC COURSE (MCI) (2/21)
- 30. METALWORKING AND WELDING OPERATIONS COURSE (MCI) (2/22)
- 31. ENGINEER EQUIPMENT MECHANIC COURSE (MCI) (2/23)
- 32. REPAIR AND MAINTENANCE OF CREW-SERVED WEAPONS COURSE (MCI) (2/24)
- 33. ARMORY PROCEDURES COURSE (MCI) (2/25)
- 34. INSPECTION AND REPAIR OF SHOULDER WEAPONS COURSE (MCI) (2/26)
- 35. OTHER (INDICATE ON LAST PAGE OF BOOKLET) (2/27)

PART II SPECIAL INSTRUCTIONS

1. PART II CONTAINS SOME STATEMENTS ABOUT YOUR PRESENT JOB. THE STATEMENTS MAY OR MAY NOT BE COMPLETELY TRUE STATEMENTS ABOUT YOUR PRESENT JOB.

2. SHOW HOW MUCH EACH STATEMENT TELLS THE TRUTH ABOUT YOUR PRESENT JOB, BY CIRCLING ONE OF THE NUMBERS, FROM 1 TO 7, THAT APPEAR AT THE RIGHT OF EACH STATEMENT.

FOR EXAMPLE: IF YOU THINK A STATEMENT IS COMPLETELY FALSE, YOU SHOULD CIRCLE THE 1. ON THE OTHER HAND, IF YOU THINK A STATEMENT IS COMPLETELY TRUE, YOU SHOULD CIRCLE THE 7. THE NUMBERS BETWEEN 1 AND 7 HAVE BEEN GIVEN MEANINGS THAT ARE SHOWN AT THE TOP OF THE PAGE.

3. BE SURE TO ANSWER EVERY STATEMENT.

TURN TO THE NEXT PAGE AND BEGIN PART II

PLEASE INDICATE THE EXTENT TO WHICH YOU
 AGREE OR DISAGREE WITH THE FOLLOWING
 STATEMENTS ABOUT YOUR PRESENT JOB

	DO YOU AGREE						
	1	2	3	4	5	6	7
	ABSOLUTELY DISAGREE						
	DISAGREE						
	TEND TO DISAGREE						
	DO NOT KNOW						
	TEND TO AGREE						
	AGREE						
	ABSOLUTELY AGREE						
1 I AM PAID ENOUGH FOR THE WORK I DO.	1	2	3	4	5	6	7
2 MY SUPERVISOR HELPS ME WHEN I NEED IT.	1	2	3	4	5	6	7
3 I THINK I WILL GET A FAIR CHANCE AT PROMOTION.	1	2	3	4	5	6	7
4 I AM TREATED WITH RESPECT.	1	2	3	4	5	6	7
5 MY SUPERVISOR LETS ME KNOW HOW I AM DOING.	1	2	3	4	5	6	7
6 I LIKE MY WORKING HOURS.	1	2	3	4	5	6	7
7 I GET THE CHANCE TO PROVE MYSELF.	1	2	3	4	5	6	7
8 I LIKE THE OTHER MARINES WHERE I WORK.	1	2	3	4	5	6	7
9 MY JOB IS IMPORTANT.	1	2	3	4	5	6	7
10 THE RULES AND REGULATIONS ARE FAIR.	1	2	3	4	5	6	7
11 I AM GIVEN ENOUGH RESPONSIBILITY AND INDEPENDENCE.	1	2	3	4	5	6	7
12 MY JOB LETS ME HAVE AN ENJOYABLE OFF-DUTY LIFE.	1	2	3	4	5	6	7
13 I AM PROUD OF MY JOB.	1	2	3	4	5	6	7
14 I LIKE THE TYPE OF WORK I DO.	1	2	3	4	5	6	7

15 I AM TREATED FAIRLY.	1	1	2	3	4	5	6	7	1	2/42
16 MY JOB GIVES ME A WAY TO IMPROVE MYSELF.	1	1	2	3	4	5	6	7	1	2/43
17 MY JOB MAKES GOOD USE OF MY ABILITY.	1	1	2	3	4	5	6	7	1	2/44
18 I AM KEPT WELL-INFORMED.	1	1	2	3	4	5	6	7	1	2/45
19 MY SUPERVISOR TRUSTS ME TO DO MY JOB WELL.	1	1	2	3	4	5	6	7	1	2/46
20 I CAN DEPEND ON THE OTHER MARINES WHERE I WORK.	1	1	2	3	4	5	6	7	1	2/47
21 MY SUPERVISOR IS GOOD AT HIS JOB.	1	1	2	3	4	5	6	7	1	2/48
22 MY FAMILY IS PLEASED THAT I AM A MARINE.	1	1	2	3	4	5	6	7	1	2/49
23 OVERALL, I HAVE BEEN SATISFIED WITH MY PRESENT JOB.	1	1	2	3	4	5	6	7	1	2/50
24 OVERALL, I HAVE BEEN SATISFIED WITH THE MARINE CORPS.	1	1	2	3	4	5	6	7	1	2/51

PART III SPECIAL INSTRUCTIONS

1. AS YOU READ EACH TASK IN THIS SECTION, PAGES 18 THROUGH 65 , PLACE A CHECKMARK IN THE COLUMN HEADED "CHECK IF DONE" FOR EACH TASK THAT YOU PERFORM IN YOUR PRESENT JOB. THE TASKS ARE NOT IN ANY PATTERN AND SIMILAR TASKS MAY SHOW UP SEVERAL PAGES APART. DO NOT CHECK THE TASKS THAT SEEM CLOSE TO THOSE YOU PERFORM BUT WAIT FOR THOSE THAT TELL EXACTLY WHAT YOU DO. IF YOU CHECK A TASK THAT IS CLOSE TO WHAT YOU DO AND THEN FIND THE EXACT TASK LATER, ERASE THE ONE PREVIOUSLY CHECKED. ACCURACY COUNTS.
2. DO NOT COMPLETE THE TIME SPENT PERFORMING COLUMN AT THIS TIME. THE REASON WE ASK YOU TO CHECK ONE COLUMN AT A TIME IS THAT IT PROVIDES MORE ACCURATE AND VALID INFORMATION.
3. IF A TASK THAT YOU PERFORM IS NOT LISTED ANYWHERE, WRITE IT ON PAGE NUMBER 69 .
4. REMEMBER, AT THIS TIME YOU ARE TO COMPLETE ONLY THE COLUMN HEADED "CHECK IF DONE" FOR PAGES 18 THROUGH 65 , NOW TURN TO PAGE 18 AND BEGIN.

		TIME SPENT																				
		I	II	VERY LITTLE	I	II	VERY LITTLE	I	II	VERY LITTLE	I	II	VERY LITTLE	I	II	VERY LITTLE	I	II	VERY LITTLE	I	II	VERY LITTLE
IC	F12 BELOW AVERAGE	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
IH	I3 SLIGHTLY BELOW AVG	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
IE	D14 AVERAGE	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
IC	O15 SLIGHTLY ABOVE AVG	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
IK	N16 ABOVE AVERAGE	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
I	E17 VERY MUCH	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
30	RECORD MAINTENANCE PERFORMED AND REPAIR PARTS USED ON TACTICAL EQUIPMENT REPAIR ORDER (ERO)	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
31	REVIEW ERO FOR CORRECTNESS AND COMPLETENESS	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
32	MONITOR ERO FOR PROGRESSION THROUGH MAINTENANCE/SUPPLY PROCESS	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
33	CLOSE OUT ERO	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
34	PREPARE ERO SHOPPING LIST	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
35	MONITOR PREVENTIVE MAINTENANCE PROGRAM	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
36	MONITOR MODIFICATION PROGRAMS	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
37	MONITOR CALIBRATION PROGRAMS	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
38	MONITOR CORRECTIVE MAINTENANCE PROGRAM	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
39	MONITOR OPERATIONAL READINESS FLOAT PROGRAM	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
40	VERIFY COMPLETION OF EROS AND ACCOMPANYING RECORDS FOR EQUIPMENT BEING INDUCED INTO REPAIR ACTIVITY	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
41	PROCESS EQUIPMENT TO FLOAT, EVACUATION AND WASHOUT IN LIEU OF REPAIR	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
42	PREPARE FORMS NECESSARY FOR EVACUATION, FLOAT AND WASHOUT IN LIEU OF REPAIR	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
43	VERIFY ENTRIES IN SHIP RECORDS UPON COMPLETION OF MAINTENANCE	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

		TIME SPENT										
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI
		VERY LITTLE	BELOW AVERAGE	SLIGHTLY BELOW AVERAGE	AVERAGE	SLIGHTLY ABOVE AVERAGE	ABOVE AVERAGE	VERY MUCH				
62	SCREEN REPAIR PARTS REQUISITIONS FOR ACCURACY	I	I	I	I	I	I	I	I	I	I	I
63	PREPARE REQUISITIONS FOR REPAIR PARTS	I	I	I	I	I	I	I	I	I	I	I
64	PREPARE REQUISITIONS FOR SHOP EQUIPMENT AND SPECIAL TOOLS	I	I	I	I	I	I	I	I	I	I	I
65	INITIATE FOLLOW UP ACTION ON REPAIR PARTS REQUISITIONS	I	I	I	I	I	I	I	I	I	I	I
66	CONTROL ISSUES FROM PARTS LAVETTES	I	I	I	I	I	I	I	I	I	I	I
67	CONTROL ISSUE OF REPAIR PARTS	I	I	I	I	I	I	I	I	I	I	I
68	STOCK PREEXPENDED BINS	I	I	I	I	I	I	I	I	I	I	I
69	COMPLETE CONSOLIDATED MEMO RECEIPT (CMR) TO ACCOUNT FOR INVENTORY OF SHOP EQUIPMENT	I	I	I	I	I	I	I	I	I	I	I
70	ESTABLISH PROCEDURES FOR CONTROL OF TOOLS AND TEST EQUIPMENT	I	I	I	I	I	I	I	I	I	I	I
71	PREPARE FORMS NECESSARY FOR DISPOSAL OF EXCESS AND UNSERVICEABLE SHOP EQUIPMENT	I	I	I	I	I	I	I	I	I	I	I
72	ASSIST IN PREPARATION OF SOP FOR MAINTENANCE MANAGEMENT	I	I	I	I	I	I	I	I	I	I	I
73	PREPARE SOP FOR MAINTENANCE MANAGEMENT	I	I	I	I	I	I	I	I	I	I	I
74	ADVISE IN PREPARATION OF SOP FOR MAINTENANCE MANAGEMENT	I	I	I	I	I	I	I	I	I	I	I
75	MONITOR THE PREPARATION OF SOP FOR MAINTENANCE MANAGEMENT	I	I	I	I	I	I	I	I	I	I	I

12 REPAIR	RECOIL MECHANISM	1	1	2	3	4	5	6	7	1	3/66
13 REPLACE	RECOIL MECHANISM	1	1	2	3	4	5	5	7	1	3/67
14 OVERHAUL	RECOIL MECHANISM	1	1	2	3	4	5	5	7	1	3/68
15 INSPECT	RESPIRATOR ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1	3/69
16 CLEAN	RESPIRATOR ASSEMBLY	1	1	2	3	4	5	6	7	1	3/70
17 ADJUST	RESPIRATOR ASSEMBLY	1	1	2	3	4	5	6	7	1	3/71
18 REPAIR	RESPIRATOR ASSEMBLY	1	1	2	3	4	5	6	7	1	3/72
19 REPLACE	RESPIRATOR ASSEMBLY	1	1	2	3	4	5	6	7	1	3/73
20 INSPECT	CRADLE FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1	3/74
21 SERVICE	CRADLE	1	1	2	3	4	5	6	7	1	3/75
22 REPAIR	CRADLE	1	1	2	3	4	5	6	7	1	3/76
23 REPLACE	CRADLE	1	1	2	3	4	5	6	7	1	3/77
24 OVERHAUL	CRADLE	1	1	2	3	4	5	6	7	1	3/78
25 INSPECT	CRADLE LOCKING STRUT ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1	3/79
26 ADJUST	CRADLE LOCKING STRUT ASSEMBLY	1	1	2	3	4	5	6	7	1	4/1
27 REPAIR	CRADLE LOCKING STRUT ASSEMBLY	1	1	2	3	4	5	6	7	1	4/2
28 REPLACE	CRADLE LOCKING STRUT ASSEMBLY	1	1	2	3	4	5	6	7	1	4/3
29 INSPECT	TOP CARTRIDGE FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1	4/4

		TIME SPENT																
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
30	REPAIR TOP CARRIAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	REPLACE TOP CARRIAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	OVERHAUL TOP CARRIAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	TEST EQUILIBRATOR ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	INSPECT EQUILIBRATOR ASSEMBLY FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	ADJUST EQUILIBRATOR ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	REPAIR EQUILIBRATOR ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	REPLACE EQUILIBRATOR ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	OVERHAUL EQUILIBRATOR ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	INSPECT ELEVATING MECHANISM FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	REPAIR ELEVATING MECHANISM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	REPLACE ELEVATING MECHANISM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	OVERHAUL ELEVATING MECHANISM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	INSPECT ELEVATING ARCS FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

44	REPAIR	ELEVATING ARCS				1	2	3	4	5	6	7		4/19
45	REPLACE	ELEVATING ARCS				1	2	3	4	5	6	7		4/20
46	OVERHAUL	ELEVATING ARCS				1	2	3	4	5	6	7		4/21
47	INSPECT	FIRING MECHANISM ASSEMBLY FOR SERVICEABILITY				1	2	3	4	5	6	7		4/22
48	REPAIR	FIRING MECHANISM ASSEMBLY				1	2	3	4	5	6	7		4/23
49	REPLACE	FIRING MECHANISM ASSEMBLY				1	2	3	4	5	6	7		4/24
50	OVERHAUL	FIRING MECHANISM ASSEMBLY				1	2	3	4	5	6	7		4/25
51	INSPECT	TRaversing MECHANISM FOR SERVICEABILITY				1	2	3	4	5	6	7		4/26
52	SERVICE	TRaversing MECHANISM ASSEMBLY				1	2	3	4	5	6	7		4/27
53	REPAIR	TRaversing MECHANISM ASSEMBLY				1	2	3	4	5	6	7		4/28
54	REPLACE	TRaversing MECHANISM ASSEMBLY				1	2	3	4	5	6	7		4/29
55	INSPECT	TRAIL HINGE PIN ASSEMBLY FOR SERVICEABILITY				1	2	3	4	5	6	7		4/30
56	SERVICE	TRAIL HINGE PIN ASSEMBLY				1	2	3	4	5	6	7		4/31
57	REPAIR	TRAIL HINGE PIN ASSEMBLY				1	2	3	4	5	6	7		4/32
58	REPLACE	TRAIL HINGE PIN ASSEMBLY				1	2	3	4	5	6	7		4/33
59	OVERHAUL	TRAIL HINGE PIN ASSEMBLY				1	2	3	4	5	6	7		4/34
60	INSPECT	TRAIL AND SPADE ASSEMBLY FOR SERVICEABILITY				1	2	3	4	5	6	7		4/35
61	SERVICE	TRAIL AND SPADE ASSEMBLY				1	2	3	4	5	6	7		4/36

		TIME SPENT										
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI
		VERY LITTLE										
		BELOW AVERAGE										
		SLIGHTLY BELOW AVG										
		AVERAGE										
		SLIGHTLY ABOVE AVG										
		ABOVE AVERAGE										
		VERY MUCH										
62	REPAIR TRAIL AND SPADE ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
63	REPLACE TRAIL AND SPADE ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
64	OVERHAUL TRAIL AND SPADE ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
65	INSPECT WHEEL AND HUB ASSEMBLY FOR SERVICEABILITY	I	I	I	I	I	I	I	I	I	I	I
66	SERVICE WHEEL AND HUB ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
67	ADJUST WHEEL AND HUB ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
68	REPAIR WHEEL AND HUB ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
69	REPLACE WHEEL AND HUB ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
70	INSPECT PINTLE ASSEMBLY FOR SERVICEABILITY	I	I	I	I	I	I	I	I	I	I	I
71	REPAIR PINTLE ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
72	REPLACE PINTLE ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
73	SERVICE PINTLE ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
74	OVERHAUL PINTLE ASSEMBLY	I	I	I	I	I	I	I	I	I	I	I
75	INSPECT EQUALIZER SUPPORT ASSEMBLY FOR SERVICEABILITY	I	I	I	I	I	I	I	I	I	I	I

76	REPLACE	EQUALIZER SUPPORT ASSEMBLY	1	1	1	2	3	4	5	6	7	4/51
77	INSPECT	TRAVELING LOCK ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	4/52
78	SERVICE	TRAVELING LOCK ASSEMBLY	1	1	1	2	3	4	5	6	7	4/53
79	REPAIR	TRAVELING LOCK ASSEMBLY	1	1	1	2	3	4	5	6	7	4/54
80	REPLACE	TRAVELING LOCK ASSEMBLY	1	1	1	2	3	4	5	6	7	4/55
81	OVERHAUL	TRAVELING LOCK ASSEMBLY	1	1	1	2	3	4	5	6	7	4/56
82	INSPECT	BRAKE OPERATING ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	4/57
83	SERVICE	BRAKE OPERATING ASSEMBLY	1	1	1	2	3	4	5	6	7	4/58
84	ADJUST	BRAKE OPERATING ASSEMBLY	1	1	1	2	3	4	5	6	7	4/59
85	REPAIR	BRAKE OPERATING ASSEMBLY	1	1	1	2	3	4	5	6	7	4/60
86	REPLACE	BRAKE OPERATING ASSEMBLY	1	1	1	2	3	4	5	6	7	4/61
87	INSPECT	AXLE LOCK FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	4/62
88	SERVICE	AXLE LOCK	1	1	1	2	3	4	5	6	7	4/63
89	REPAIR	AXLE LOCK	1	1	1	2	3	4	5	6	7	4/64
90	OVERHAUL	AXLE LOCK	1	1	1	2	3	4	5	6	7	4/65
91	INSPECT	SIGHT BRACKET ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	4/66
92	REPAIR	SIGHT BRACKET ASSEMBLY	1	1	1	2	3	4	5	6	7	4/67
93	REPLACE	SIGHT BRACKET ASSEMBLY	1	1	1	2	3	4	5	6	7	4/68

		TIME SPENT							
		I11	VERY	LITTLE					
94 OVERHAUL SIGHT BRACKET ASSEMBLY	IC F12	BELOW	AVERAGE						
	JH I3	SLIGHTLY	BELOW	AVG					
	IE D14	AVERAGE							
	IC O15	SLIGHTLY	ABOVE	AVG					
	IK N16	ABOVE	AVERAGE						
	E17	VERY	MUCH						
		1	1	2	3	4	5	6	7
									4/69

PERFORM 155MM TOWED MEDIUM HOWITZER MAINTENANCE DUTIES32

		TIME SPENT										
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI
		I I I VERY LITTLE										
		II F I 2 BELOW AVERAGE										
		III 13 SLIGHTLY BELOW AVG										
		IV D I 4 AVERAGE										
		V O I 5 SLIGHTLY ABOVE AVG										
		VI N I 6 ABOVE AVERAGE										
		VII E I 7 VERY MUCH										
30	REPLACE TRAVERSING MECHANISM	I	I									
31	INSPECT EQUILIBRATOR ASSEMBLY FOR SERVICEABILITY	I	II	2	3	4	5	6	7			5/20
32	SERVICE EQUILIBRATOR ASSEMBLY	I	I									
33	ADJUST EQUILIBRATOR ASSEMBLY	I	II	2	3	4	5	6	7			5/21
34	REPAIR EQUILIBRATOR ASSEMBLY	I	I									
35	REPLACE EQUILIBRATOR ASSEMBLY	I	II	2	3	4	5	6	7			5/22
36	INSPECT TOP CARRIAGE FOR SERVICEABILITY	I	I									
37	REPAIR TOP CARRIAGE	I	II	2	3	4	5	6	7			5/23
38	REPLACE TOP CARRIAGE	I	I									
39	INSPECT BOTTOM CARRIAGE FOR SERVICEABILITY	I	II	2	3	4	5	6	7			5/24
40	REPAIR BOTTOM CARRIAGE	I	I									
41	REPLACE BOTTOM CARRIAGE	I	II	2	3	4	5	6	7			5/25
42	INSPECT FIRING JACK ASSEMBLY FOR SERVICEABILITY	I	I									
43	REPAIR FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/26
44	REPLACE FIRING JACK ASSEMBLY	I	I									
45	REPLACE FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/27
46	INSPECT FIRING JACK ASSEMBLY FOR SERVICEABILITY	I	I									
47	REPAIR FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/28
48	REPLACE FIRING JACK ASSEMBLY	I	I									
49	REPLACE FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/29
50	INSPECT FIRING JACK ASSEMBLY FOR SERVICEABILITY	I	I									
51	REPAIR FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/30
52	REPLACE FIRING JACK ASSEMBLY	I	I									
53	REPLACE FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/31
54	INSPECT FIRING JACK ASSEMBLY FOR SERVICEABILITY	I	I									
55	REPAIR FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/32
56	REPLACE FIRING JACK ASSEMBLY	I	I									
57	REPLACE FIRING JACK ASSEMBLY	I	II	2	3	4	5	6	7			5/33

[illegible]

TIME SPENT	
I	111 VERY LITTLE
IC	F12 BELOW AVERAGE
IH	I3 SLIGHTLY BELOW AVG
IE	D14 AVERAGE
IC	O15 SLIGHTLY ABOVE AVG
IK	N16 ABOVE AVERAGE
	117 VERY MUCH

PERFORM SELF-PROPELLED (SP) MEDIUM HOWITZER MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN SP MEDIUM HOWITZER MAINTENANCE	I	I	1	2	3	4	5	6	7	1	5/53
2	INSTRUCT/TRAIN PERSONNEL IN SP MEDIUM HOWITZER MAINTENANCE	I	I	1	2	3	4	5	6	7	1	5/54
3	INSPECT BRECHBLOCK FOR SERVICEABILITY	I	I	1	2	3	4	5	6	7	1	5/55
4	SERVICE BRECHBLOCK	I	I	1	2	3	4	5	6	7	1	5/56
5	REPAIR BRECHBLOCK	I	I	1	2	3	4	5	6	7	1	5/57
6	REPLACE BRECHBLOCK	I	I	1	2	3	4	5	6	7	1	5/58
7	INSPECT BRECHBLOCK CARRIER ASSEMBLY FOR SERVICEABILITY	I	I	1	2	3	4	5	6	7	1	5/59
8	SERVICE BRECHBLOCK CARRIER ASSEMBLY	I	I	1	2	3	4	5	6	7	1	5/60
9	ADJUST BRECHBLOCK CARRIER ASSEMBLY	I	I	1	2	3	4	5	6	7	1	5/61
10	REPAIR BRECHBLOCK CARRIER ASSEMBLY	I	I	1	2	3	4	5	6	7	1	5/62
11	REPLACE BRECHBLOCK CARRIER ASSEMBLY	I	I	1	2	3	4	5	6	7	1	5/63

12	INSPECT	BREECHLOCK OPERATING HANDLE FOR SERVICEABILITY	1	1	2	3	4	5	6	7	5/64
13	SERVICE	BREECHBLOCK OPERATING HANDLE	1	1	2	3	4	5	6	7	5/65
14	REPAIR	BREECHBLOCK OPERATING HANDLE	1	1	2	3	4	5	6	7	5/66
15	REPLACE	BREECHBLOCK OPERATING HANDLE	1	1	2	3	4	5	6	7	5/67
16	INSPECT	BREECH MECHANISM FOR SERVICEABILITY	1	1	2	3	4	5	6	7	5/68
17	SERVICE	BREECH MECHANISM	1	1	2	3	4	5	6	7	5/69
18	ADJUST	BREECH MECHANISM	1	1	2	3	4	5	6	7	5/70
19	INSPECT	BREECH RING FOR SERVICEABILITY	1	1	2	3	4	5	6	7	5/71
20	SERVICE	BREECH RING	1	1	2	3	4	5	6	7	5/72
21	REPAIR	BREECH RING	1	1	2	3	4	5	6	7	5/73
22	REPLACE	BREECH RING	1	1	2	3	4	5	6	7	5/74
23	INSPECT	BREECH RING BODY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	5/75
24	REPAIR	BREECH RING BODY	1	1	2	3	4	5	6	7	5/76
25	INSPECT	HOWITZER TUBE FOR SERVICEABILITY (BROSCOPE OR PULL-OVER GAGE)	1	1	2	3	4	5	6	7	5/77
26	INSPECT	CANNON ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	5/78
27	SERVICE	CANNON ASSEMBLY	1	1	2	3	4	5	6	7	5/79
28	REPAIR	CANNON ASSEMBLY	1	1	2	3	4	5	6	7	6/1
29	REPLACE	CANNON ASSEMBLY	1	1	2	3	4	5	6	7	6/2

		TIME SPENT												
		I11	VERY	LITTLE	I	I12	BELOW	AVERAGE	I	I13	SLIGHTLY	BELOW	AVG	I
		I14	AVERAGE	I	I15	SLIGHTLY	ABOVE	AVG	I	I16	ABOVE	AVERAGE	I	I17
		I	VERY	MUCH	I	I18	VERY	MUCH	I	I19	VERY	MUCH	I	I20
30	INSPECT EVACUATOR VALVE ASSEMBLY FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1
31	SERVICE EVACUATOR VALVE ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1
32	REPAIR EVACUATOR VALVE ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1
33	REPLACE EVACUATOR VALVE ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1
34	INSPECT FIRING BLOCK ASSEMBLY FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1
35	REPAIR FIRING BLOCK ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1
36	REPLACE FIRING BLOCK ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1
37	INSPECT M35 FIRING MECHANISM FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1
38	SERVICE M35 FIRING MECHANISM	1	1	1	1	1	1	1	1	1	1	1	1	1
39	REPAIR M35 FIRING MECHANISM	1	1	1	1	1	1	1	1	1	1	1	1	1
40	REPLACE M35 FIRING MECHANISM	1	1	1	1	1	1	1	1	1	1	1	1	1
41	INSPECT OBTURATOR SPINDLE GROUP FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1
42	SERVICE OBTURATOR SPINDLE GROUP	1	1	1	1	1	1	1	1	1	1	1	1	1
43	REPAIR OBTURATOR SPINDLE GROUP	1	1	1	1	1	1	1	1	1	1	1	1	1

44	REPLACE	OBTURATOR SPINDLE GROUP	1	1	1	2	3	4	5	6	7	6/17
45	INSPECT	COUNTER-RECOIL BUFFER ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	6/18
46	SERVICE	COUNTER-RECOIL BUFFER ASSEMBLY	1	1	1	2	3	4	5	6	7	6/19
47	REPLACE	COUNTER-RECOIL BUFFER ASSEMBLY	1	1	1	2	3	4	5	6	7	6/20
48	INSPECT	RECOIL CYLINDER ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	6/21
49	SERVICE	RECOIL CYLINDER ASSEMBLY	1	1	1	2	3	4	5	6	7	6/22
50	REPAIR	RECOIL CYLINDER ASSEMBLY	1	1	1	2	3	4	5	6	7	6/23
51	REPLACE	RECOIL CYLINDER ASSEMBLY	1	1	1	2	3	4	5	6	7	6/24
52	INSPECT	RECUPERATOR ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	6/25
53	SERVICE	RECUPERATOR ASSEMBLY	1	1	1	2	3	4	5	6	7	6/26
54	REPLACE	RECUPERATOR ASSEMBLY	1	1	1	2	3	4	5	6	7	6/27
55	INSPECT	REPLENISHER ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	6/28
56	REPAIR	REPLENISHER ASSEMBLY	1	1	1	2	3	4	5	6	7	6/29
57	REPLACE	REPLENISHER ASSEMBLY	1	1	1	2	3	4	5	6	7	6/30
58	INSPECT	VARIABLE RECOIL GROUP FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	6/31
59	SERVICE	VARIABLE RECOIL GROUP	1	1	1	2	3	4	5	6	7	6/32
60	REPAIR	VARIABLE RECOIL GROUP	1	1	1	2	3	4	5	6	7	6/33
61	REPLACE	VARIABLE RECOIL GROUP	1	1	1	2	3	4	5	6	7	6/34

[illegible]

TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

PERFORM HEAVY SP GUN/HOWITZER MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN HEAVY SP GUN/HOWITZER MAINTENANCE	1	1	2	3	4	5	6	7	6/59
2	INSTRUCT/TRAIN PERSONNEL IN HEAVY SP GUN/HOWITZER MAINTENANCE	1	1	2	3	4	5	6	7	6/60
3	INSPECT GUN TUBES FOR SERVICEABILITY	1	1	2	3	4	5	6	7	6/61
4	SERVICE GUN TUBES	1	1	2	3	4	5	6	7	6/62
5	REPLACE GUN TUBES	1	1	2	3	4	5	6	7	6/63
6	INSPECT CANNON ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	6/64
7	REPLACE CANNON ASSEMBLIES	1	1	2	3	4	5	6	7	6/65
8	INSPECT BREECHBLOCK FOR SERVICEABILITY	1	1	2	3	4	5	6	7	6/66
9	SERVICE BREECHBLOCK	1	1	2	3	4	5	6	7	6/67
10	REPAIR BREECHBLOCK	1	1	2	3	4	5	6	7	6/68
11	REPLACE BREECHBLOCK	1	1	2	3	4	5	6	7	6/69

		TIME SPENT																
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII
		VERY LITTLE BELOW AVERAGE SLIGHTLY BELOW AVERAGE AVERAGE SLIGHTLY ABOVE AVERAGE ABOVE AVERAGE VERY MUCH																
30	ADJUST GUN BARREL TRAVELING LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	REPAIR GUN BARREL TRAVELING LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	REPLACE GUN BARREL TRAVELING LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	INSPECT EQUILIBRATOR AND ADJUSTING COMPONENTS FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	TEST EQUILIBRATOR AND ADJUSTING COMPONENTS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	SERVICE EQUILIBRATOR AND ADJUSTING COMPONENTS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	ADJUST EQUILIBRATOR AND ADJUSTING COMPONENTS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	REPLACE EQUILIBRATOR AND ADJUSTING COMPONENTS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	REBUILD EQUILIBRATOR AND ADJUSTING COMPONENTS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	INSPECT MOUNT ASSEMBLY M158 FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	TEST MOUNT ASSEMBLY M158	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	SERVICE MOUNT ASSEMBLY M158	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	ADJUST MOUNT ASSEMBLY M158	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	REPAIR MOUNT ASSEMBLY M158	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

76	REPAIR	HYDRAULIC SYSTEM	1	1	2	3	4	5	6	7	7/55
77	REPLACE	HYDRAULIC SYSTEM	1	1	2	3	4	5	6	7	7/56
78	INSPECT	RETRACTING VALVE ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	7/57
79	REPAIR	RETRACTING VALVE ASSEMBLY	1	1	2	3	4	5	6	7	7/58
80	REPLACE	RETRACTING VALVE ASSEMBLY	1	1	2	3	4	5	6	7	7/59
81	INSPECT	VARIABLE RECOIL ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	7/60
82	SERVICE	VARIABLE RECOIL ASSEMBLY	1	1	2	3	4	5	6	7	7/61
83	REPAIR	VARIABLE RECOIL ASSEMBLY	1	1	2	3	4	5	6	7	7/62
84	REPLACE	VARIABLE RECOIL ASSEMBLY	1	1	2	3	4	5	6	7	7/63
85	OVERHAUL	VARIABLE RECOIL ASSEMBLY	1	1	2	3	4	5	6	7	7/64
86	REBUILD	VARIABLE RECOIL ASSEMBLY	1	1	2	3	4	5	6	7	7/65
87	INSPECT	COUNTER-RECOIL FRONT HEAD ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	7/66
88	SERVICE	COUNTER-RECOIL FRONT HEAD ASSEMBLY	1	1	2	3	4	5	6	7	7/67
89	REPAIR	COUNTER-RECOIL FRONT HEAD ASSEMBLY	1	1	2	3	4	5	6	7	7/68
90	REPLACE	COUNTER-RECOIL FRONT HEAD ASSEMBLY	1	1	2	3	4	5	6	7	7/69
91	OVERHAUL	COUNTER-RECOIL FRONT HEAD ASSEMBLY	1	1	2	3	4	5	6	7	7/70
92	REBUILD	COUNTER-RECOIL FRONT HEAD ASSEMBLY	1	1	2	3	4	5	6	7	7/71
93	INSPECT	REPLENISHER ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	7/72

		TIME SPENT										
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI
		VERY LITTLE										
		BELOW AVERAGE										
		SLIGHTLY BELOW AVG										
		AVERAGE										
		SLIGHTLY ABOVE AVG										
		ABOVE AVERAGE										
		VERY MUCH										
126	INSPECT PROJECTILE LIFTING TRAY FOR SERVICEABILITY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/26
127	SERVICE PROJECTILE LIFTING TRAY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/27
128	ADJUST PROJECTILE LIFTING TRAY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/28
129	ALIGN PROJECTILE LIFTING TRAY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/29
130	REPAIR PROJECTILE LIFTING TRAY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/30
131	REPLACE PROJECTILE LIFTING TRAY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/31
132	INSPECT ELECTRICAL SYSTEM FOR SERVICEABILITY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/32
133	TROUBLESHOOT ELECTRICAL SYSTEM	I	II	III	IV	V	VI	VII	VIII	IX	X	8/33
134	REPAIR ELECTRICAL SYSTEM	I	II	III	IV	V	VI	VII	VIII	IX	X	8/34
135	INSPECT RECOIL SPARE ASSEMBLY FOR SERVICEABILITY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/35
136	REPAIR RECOIL SPARE ASSEMBLY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/36
137	REPLACE RECOIL SPARE ASSEMBLY	I	II	III	IV	V	VI	VII	VIII	IX	X	8/37

TIME SPENT										
I	I11	VERY	LITTLE							
I	I12	BELOW	AVERAGE							
I	I13	SLIGHTLY	BELOW	AVG						
I	I14	AVERAGE								
I	I15	SLIGHTLY	ABOVE	AVG						
I	I16	ABOVE	AVERAGE							
I	I17	VERY	MUCH							

PERFORM M109 CAB MAINTENANCE DUTIES										
1	SUPERVISE PERSONNEL IN M109 CAB MAINTENANCE									
2	INSTRUCT/TRAIN PERSONNEL IN M109 CAB MAINTENANCE									
3	REPLACE PACE RING ASSEMBLY									
4	REPAIR TRAVERSE LOCK									
5	REPLACE TRAVERSE LOCK									
6	REPAIR DOORS									
7	REPLACE DOOR SEALS									
8	REPAIR CUPOLA									
9	SERVICE ELEVATING MECHANISM ASSEMBLY									
10	REPAIR ELEVATING MECHANISM ASSEMBLY									
11	SERVICE EQUILIBRATOR									

[illegible]

TIME SPENT	
I	111 VERY LITTLE
IC	F12 BELOW AVERAGE
II	13 SLIGHTLY BELOW AVG
IE	O14 AVERAGE
IC	O15 SLIGHTLY ABOVE AVG
IK	N16 ABOVE AVERAGE
I	E17 VERY MUCH

PERFORM M107/110 TURRET MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN M107/110 TURRET MAINTENANCE	I	I	1	2	3	4	5	6	7	8/75
2	INSTRUCT/TRAIN PERSONNEL IN M107/110 TURRET MAINTENANCE	I	I	1	2	3	4	5	6	7	8/76
3	TEST TURRET BEARING COMPONENTS (ROLLER BEARING) FOR PROPER OPERATION	I	I	1	2	3	4	5	6	7	8/77
4	SERVICE TURRET BEARING COMPONENTS (ROLLER BEARING)	I	I	1	2	3	4	5	6	7	8/78
5	ADJUST TURRET BEARING COMPONENTS (ROLLER BEARING)	I	I	1	2	3	4	5	6	7	8/79
6	INSTALL TURRET BEARING COMPONENTS (ROLLER BEARING)	I	I	1	2	3	4	5	6	7	9/1
7	REPAIR TURRET BEARING COMPONENTS (ROLLER BEARING)	I	I	1	2	3	4	5	6	7	9/2
8	REPLACE TURRET BEARING COMPONENTS (ROLLER BEARING)	I	I	1	2	3	4	5	6	7	9/3
9	OVERHAUL TURRET BEARING COMPONENTS (ROLLER BEARING)	I	I	1	2	3	4	5	6	7	9/4
10	TEST TURRET BEARING (BALL BEARING) FOR PROPER OPERATION	I	I	1	2	3	4	5	6	7	9/5
11	SERVICE TURRET BEARING (BALL BEARING)	I	I	1	2	3	4	5	6	7	9/6

12 ADJUST	TURKET BEARING (BALL BEARING)	1	1	2	3	4	5	6	7	9/17
13 INSTALL	TURRET BEARING (BALL BEARING)	1	1	2	3	4	5	6	7	9/18
14 REPLACE	TURRET BEARING (BALL BEARING)	1	1	2	3	4	5	6	7	9/19
15 REPAIR	CREW SEATS	1	1	2	3	4	5	6	7	9/10
16 REPLACE	CREW SEATS	1	1	2	3	4	5	6	7	9/11
17 INSPECT	CRASH PAD FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9/12
18 REPLACE	CRASH PAD	1	1	2	3	4	5	6	7	9/13
19 INSPECT	MANUAL TRAVERSE AND ELEVATING MECHANISM FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9/14
20 TEST	MANUAL TRAVERSE AND ELEVATING MECHANISM FOR PROPER OPERATION	1	1	2	3	4	5	6	7	9/15
21 SERVICE	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	9/16
22 ADJUST	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	9/17
23 REPAIR	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	9/18
24 REPLACE	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	9/19
25 REBUILD	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	9/20
26 INSPECT	ELECTRIC MOTOR AND HYDRAULIC PUMP FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9/21
27 REPAIR	ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	2	3	4	5	6	7	9/22
28 REPLACE	ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	2	3	4	5	6	7	9/23
29 OVERHAUL	ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	2	3	4	5	6	7	9/24

		TIME SPENT									
		111	112	113	114	115	116	117	118	119	120
		VERY	BELOW	SLIGHTLY	AVERAGE	SLIGHTLY	AVERAGE	SLIGHTLY	AVERAGE	SLIGHTLY	AVERAGE
		LITTLE	AVERAGE	BELOW	AVERAGE	BELOW	AVERAGE	BELOW	AVERAGE	BELOW	AVERAGE
		1	2	3	4	5	6	7	8	9	10
30	REBUILD ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	1	1	1	1	1	1	1	1
31	INSPECT ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1
32	REPAIR ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	1	1	1	1	1	1	1	1
33	REPLACE ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	1	1	1	1	1	1	1	1
34	OVERHAUL ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	1	1	1	1	1	1	1	1
35	REBUILD ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	1	1	1	1	1	1	1	1
36	INSPECT FILTERS AND ELEMENTS FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1
37	SERVICE FILTERS AND ELEMENTS	1	1	1	1	1	1	1	1	1	1
38	REPLACE FILTERS AND ELEMENTS	1	1	1	1	1	1	1	1	1	1
39	INSPECT LINES AND FITTINGS FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1
40	REPLACE LINES AND FITTINGS	1	1	1	1	1	1	1	1	1	1
41	INSPECT HYDRAULIC MANIFOLDS FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1
42	REPAIR HYDRAULIC MANIFOLDS	1	1	1	1	1	1	1	1	1	1
43	REPLACE HYDRAULIC MANIFOLDS	1	1	1	1	1	1	1	1	1	1

44	INSPECT	ACCUMULATOR FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	9/39
45	REPAIR	ACCUMULATOR	1	1	1	2	3	4	5	6	7	9/40
46	REPLACE	ACCUMULATOR	1	1	1	2	3	4	5	6	7	9/41
47	OVERHAUL	ACCUMULATOR	1	1	1	2	3	4	5	6	7	9/42
48	INSPECT	POWER ELEVATION AND TRAVERSING CONTROLS FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	9/43
49	REPAIR	POWER ELEVATION AND TRAVERSING CONTROLS	1	1	1	2	3	4	5	6	7	9/44
50	REPLACE	POWER ELEVATION AND TRAVERSING CONTROLS	1	1	1	2	3	4	5	6	7	9/45
51	TEST	TORQUE LOCK DRIVE FOR PROPER OPERATION	1	1	1	2	3	4	5	6	7	9/46
52	SERVICE	TORQUE LOCK DRIVE	1	1	1	2	3	4	5	6	7	9/47
53	REPAIR	TORQUE LOCK DRIVE	1	1	1	2	3	4	5	6	7	9/48
54	REPLACE	TORQUE LOCK DRIVE	1	1	1	2	3	4	5	6	7	9/49
55	OVERHAUL	TORQUE LOCK DRIVE	1	1	1	2	3	4	5	6	7	9/50
56	INSPECT	TURRET HANDCRANK FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	9/51
57	SERVICE	TURRET HANDCRANK	1	1	1	2	3	4	5	6	7	9/52
58	ALIGN	TURRET HANDCRANK	1	1	1	2	3	4	5	6	7	9/53
59	REPAIR	TURRET HANDCRANK	1	1	1	2	3	4	5	6	7	9/54
60	REPLACE	TURRET HANDCRANK	1	1	1	2	3	4	5	6	7	9/55
61	OVERHAUL	TURRET HANDCRANK	1	1	1	2	3	4	5	6	7	9/56

12	REPAIR	SHOCK ASSEMBLY	1	1	2	3	4	5	6	7	110/5
13	REPLACE	SHOCK ASSEMBLY	1	1	2	3	4	5	6	7	110/6
14	REBUILD	SHOCK ASSEMBLY	1	1	2	3	4	5	6	7	110/7
15	INSPECT	BASE PLATE FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/8
16	REPAIR	BASE PLATE ASSEMBLY	1	1	2	3	4	5	6	7	110/9
17	INSPECT	MORTAR TUBE FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/10
18	INSPECT	FIRING PIN FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/11
19	REPLACE	FIRING PIN	1	1	2	3	4	5	6	7	110/12
20	INSPECT	BRIDGE ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/13
21	REPAIR	BRIDGE ASSEMBLY	1	1	2	3	4	5	6	7	110/14
22	REPLACE	BRIDGE ASSEMBLY	1	1	2	3	4	5	6	7	110/15
23	INSPECT	SHOP MOUNT ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/16
24	REPAIR	SHOP MOUNT ASSEMBLY	1	1	2	3	4	5	6	7	110/17
25	REPLACE	SHOP MOUNT ASSEMBLY	1	1	2	3	4	5	6	7	110/18

INSTRUCTIONS - TIME RATING

1. NOW THAT YOU HAVE CHECKED THOSE TASKS YOU PERFORM, RATE THE RELATIVE AMOUNT OF TIME YOU SPEND PERFORMING EACH TASK YOU HAVE CHECKED. RELATIVE TIME SPENT MEANS THE TOTAL TIME YOU SPEND DOING THE TASK COMPARED WITH THE TIME YOU SPEND ON EACH OF THE OTHER TASKS YOU PERFORM ON YOUR PRESENT JOB.
2. USE A RATING OF "1" IF YOU SPEND "VERY LITTLE" TIME ON A TASK; USE A RATING OF "2" FOR "BELOW AVERAGE"; AND SO ON, UP TO A RATING OF "7" IF YOU SPEND "VERY MUCH" TIME ON A TASK.
3. REMEMBER, YOU ARE TO TIME RATE ONLY TASKS THAT YOU HAVE ALREADY CHECKED IN THE "CHECK IF DONE" COLUMN. CIRCLE YOUR RATING, ACCORDING TO THE 7-POINT SCALE. IN THE RIGHT HAND COLUMN HEADED "TIME SPENT PERFORMING". NOW TURN TO PAGE 18 AND BEGIN.

JOB EVALUATION

1. What part of your job do you feel should have been included in your schooling, but was not?
2. What part of your school training are you not using in your present job?
3. What changes would you suggest be made to improve your billet MOS?
4. What changes would you suggest to improve this questionnaire?

This page is provided so that you may make any additional remarks concerning your occupational field or billet which you feel should be addressed and/or considered in this study. Remember that your remarks will be held in strict confidence.

[illegible]

TASKS THAT I PERFORM THAT WERE NOT LISTED IN THIS QUESTIONNAIRE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

MOS _____

INFORMATION PAGE FOR QUESTIONS ANSWERED "OTHER"

10.

16.

21.