

DOCUMENT RESUME

ED 110 694

CE 004 487

TITLE Pavements Maintenance and Construction Equipment Operator Career Ladders: United States Air Force Job Inventory. AFSCs 55130/31, 55150/51, 55170/71, and 55191.

INSTITUTION Air Force Personnel and Training Research Center; Lackland AFB, Tex.

REPORT NO AFPT-90-551-807

PUB DATE 15 Jan 74

NOTE 75p.; For related documents, see CE 004 485-486

EDRS PRICE MF-\$0.76 HC-\$3.32 Plus Postage

DESCRIPTORS Career Ladders; *Maintenance; *Military Personnel; *Occupational Information; *Operating Engineering; *Task Analysis

IDENTIFIERS Air Force; *Job Inventories

ABSTRACT

The U. S. Air Force job inventory for the pavements maintenance and construction equipment operator career ladders is divided into 26 categories, each of which is broken down into a duty-task list. Space is provided for Air Force personnel filling out the inventory to check whether each task is at present part of their duties. The 26 categories are: organizing and planning; directing and implementing; inspecting and evaluating; training; working with forms, records, reports, directives, or technical data; performing laboratory and field tests, constructing and maintaining rigid pavements and concrete structures; constructing and maintaining flexible pavements; constructing and maintaining drainage systems; building bunkers and revetments; constructing and maintaining prefabricated surface mats; working with explosives; constructing and maintaining railroad trackage; performing grounds maintenance; applying herbicides and fungicides; operating trucks, front end loaders, and forklifts; operating industrial tractors and attachments; operating graders; operating bulldozers and scrapers; operating specialized equipment; operating cranes and attachments; operating miscellaneous equipment; performing snow removal functions; rigging hoisting equipment; performing missile support functions; and operating well drilling equipment. A personnel information questionnaire is also included. (JR)

 * Documents acquired by ERIC include many informal unpublished *
 * materials not available from other sources. ERIC makes every effort *
 * to obtain the best copy available. nevertheless, items of marginal *
 * reproducibility are often encountered and this affects the quality *
 * of the microfiche and hardcopy reproductions ERIC makes available *
 * via the ERIC Document Reproduction Service (EDRS). EDRS is not *
 * responsible for the quality of the original document. Reproductions *
 * supplied by EDRS are the best that can be made from the original. *

4 90 111
10594

UNITED STATES AIR FORCE JOB INVENTORY



U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

PAVEMENTS MAINTENANCE
AND
CONSTRUCTION EQUIPMENT OPERATOR
CAREER LADDERS
AFSCs 55130/31, 55150/51, 55170/71, and 55191

OCCUPATIONAL SURVEY BRANCH
3700 OCM SQ
LACKLAND AFB, TEXAS 78236
AFPT 90-551-807
15 January 1974

SUSPENSE IS 10 WORKING DAYS
IN ACCORDANCE WITH AFM 35-2

JUN 23 1975

GENERAL INSTRUCTIONS

1. Your assistance in completing this survey is very important to you and the Air Force. Your answers and the answers of other airmen completing this USAF Job Inventory will be used to develop:

- a. Specialty descriptions for your career field.
- b. Specialty training standards and resident training courses.
- c. Career development courses for upgrade training in your career field.
- d. Specialty Knowledge Tests (SKTs).

2. To qualify for this survey, you must meet the following conditions.

YOU MUST HAVE:

- a. A duty AFSC of 55130, 55131, 55150, 55151, 55170, or 55171.
- b. A duty AFSC of 55191, and be supervising 551XX personnel.
- c. Held your duty AFSC for at least six weeks.
- d. Been working in your present job for at least four weeks.

3. This USAF Inventory is in two sections:

- a. A Background Information section where you provide information about yourself, and
- b. A DUTY-TASK LIST section where you provide information about your current job.

4. In providing the information requested, it is equally important to follow the procedures given throughout the booklet. PRINT ALL WRITE-IN INFORMATION. DO NOT WRITE IN CLASSIFIED INFORMATION. DO NOT WRITE IN BASE OR APO NUMBER.

INSTRUCTIONS FOR BACKGROUND INFORMATION

Complete each item in the BACKGROUND INFORMATION section, pages ii through viii. Now turn to page ii and BEGIN.

PLEASE PRINT INFORMATION REQUESTED AND CHECK APPLICABLE BOXES

NAME (Last, First, Middle Initial) (5-22)

GRADE

<input type="checkbox"/> E1 AB	<input type="checkbox"/> E2 AMN	<input type="checkbox"/> E3 AIC	<input type="checkbox"/> E4 SGT	<input type="checkbox"/> E5 SSGT	<input type="checkbox"/> E6 TSGT	<input type="checkbox"/> E7 MSGT	<input type="checkbox"/> E8 SMSGT	<input type="checkbox"/> E9 CMSGT
-----------------------------------	------------------------------------	------------------------------------	------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	--------------------------------------	--------------------------------------

(23)

SOCIAL SECURITY ACCOUNT NUMBER <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> PREFIX (24-25) (26-28) (29-30) (31-34)	DUTY TELEPHONE EXTENSION <input style="width:100%;" type="text"/>
--	---

MAJOR COMMAND

<input type="checkbox"/> A AAC	<input type="checkbox"/> G ACIC	<input type="checkbox"/> C ADC	<input type="checkbox"/> E AFAFC	<input type="checkbox"/> Y AFCS	<input type="checkbox"/> F AFLC	<input type="checkbox"/> M AFRES
<input type="checkbox"/> H AFSC	<input type="checkbox"/> J ATC	<input type="checkbox"/> K AU	<input type="checkbox"/> P HQ COMD	<input type="checkbox"/> N HQ USAF	<input type="checkbox"/> Q MAC	<input type="checkbox"/> R PACAF
<input type="checkbox"/> S SAC	<input type="checkbox"/> T TAC	<input type="checkbox"/> B USAFA	<input type="checkbox"/> D USAFE	<input type="checkbox"/> L USAFSO	<input type="checkbox"/> U USAFSS	<input type="checkbox"/>

(35)

PRIMARY AFSC <input type="text"/> PREFIX (36) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> NUMBER (37-41) <input type="text"/> SUFFIX (42)	DUTY AFSC <input type="text"/> PREFIX (43) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> NUMBER (44-48) <input type="text"/> SUFFIX (49)
--	---

MY JOB IS LOCATED AT AN INSTALLATION WHICH IS:

(50) INSIDE THE CONTINENTAL U.S. (Zone of the Interior)

(51) OUTSIDE THE CONTINENTAL U.S. (Including Alaska and Hawaii)

I AM PRESENTLY TOY YES (52) NO (If YES, enter name of TDY installation) _____

TOTAL MONTHS IN PRESENT JOB <input type="text"/> <input type="text"/> <input type="text"/> (53-55)	TOTAL MONTHS AT PRESENT BASE <input type="text"/> <input type="text"/> <input type="text"/> (56-58)
--	---

TOTAL MONTHS IN DUTY AFSC <input type="text"/> <input type="text"/> <input type="text"/> (59-61)	TOTAL MONTHS IN CAREER FIELD <input type="text"/> <input type="text"/> <input type="text"/> (62-64)
--	---

TOTAL MONTHS ACTIVE FEDERAL MILITARY SERVICE <input type="text"/> <input type="text"/> <input type="text"/> (65-67)	NUMBER OF SUBORDINATES WHO REPORT TO YOU DIRECTLY FOR SUPERVISION <input type="text"/> <input type="text"/> (68-69)
---	---

ORGANIZATION (CARD 02: 5-69)	BASE OR INSTALLATION (CARD 02: 70-73)
-------------------------------------	--

PRESENT WORK ASSIGNMENT (Position or Job Title) (CARD 03: 5-73)



BACKGROUND INFORMATION (Continued)

I WAS ASSIGNED TO MY PRESENT CAREER LADDER BY (Check only one box)

(CARD 04: 5-11)

- (5) COMPLETION OF RESIDENT TECHNICAL TRAINING COURSE
- (6) RECLASSIFICATION WITHOUT COMPLETION OF RESIDENT TECHNICAL TRAINING OR OJT
- (7) DIRECT DUTY ASSIGNMENT (DDA) FROM BASIC MILITARY TRAINING TO OJT WITHOUT BYPASS TEST
- (8) DDA FROM BASIC MILITARY TRAINING BY BYPASS TEST
- (9) CONVERSION FROM ANOTHER AF SPECIALTY WITHOUT TRAINING
- (10) RETRAINING FROM ANOTHER AF SPECIALTY
- (11) REENLISTMENT FROM ANOTHER BRANCH OF SERVICE

IF YOU WERE CONVERTED OR RETRAINED, ENTER PREVIOUS AFSC

(CARD 04: 12-18)

<input style="width: 40px; height: 25px;" type="text"/>	<input style="width: 15px; height: 25px;" type="text"/> <input style="width: 15px; height: 25px;" type="text"/> <input style="width: 15px; height: 25px;" type="text"/> <input style="width: 15px; height: 25px;" type="text"/>	<input style="width: 40px; height: 25px;" type="text"/>
---	---	---

PREFIX
(12)

NUMBER
(13 - 17)

SUFFIX
(18)

CIRCLE THE HIGHEST EDUCATION LEVEL (OR GED EQUIVALENT) YOU HAVE COMPLETED

(CARD 04: 19-20)

ELEMENTARY				HIGH SCHOOL				COLLEGE				GRADUATE	
05	06	07	08	09	10	11	12	13	14	15	16	17	18

YOUR RESPONSES TO THE FOLLOWING THREE ITEMS WILL BE HELD IN STRICT CONFIDENCE AND WILL BE USED FOR RESEARCH PURPOSES ONLY.

(CARD 04: 21-23)

I PLAN TO REENLIST:

I FIND MY JOB:

MY JOB UTILIZES MY TALENTS AND TRAINING:

- (21)
- 1 NO, I PLAN TO RETIRE
 - 2 NO, I PLAN TO SEPARATE WITHOUT RETIREMENT BENEFITS
 - 3 UNCERTAIN, PROBABLY NO
 - 4 UNCERTAIN, PROBABLY YES
 - 5 YES

- (22)
- 1 EXTREMELY DULL
 - 2 VERY DULL
 - 3 FAIRLY DULL
 - 4 SO-SO
 - 5 FAIRLY INTERESTING
 - 6 VERY INTERESTING
 - 7 EXTREMELY INTERESTING

- (23)
- 1 NOT AT ALL
 - 2 VERY LITTLE
 - 3 FAIRLY WELL
 - 4 QUITE WELL
 - 5 VERY WELL
 - 6 EXCELLENTLY
 - 7 PERFECTLY

BACKGROUND INFORMATION (Continued)

(CARD 04: 24-73)

INDICATE THE ITEMS OF EQUIPMENT YOU USE ON YOUR PRESENT JOB.

- | | |
|---|--|
| (24) <input type="checkbox"/> ABRASIVE SPREADERS | (49) <input type="checkbox"/> CHAIN SAWS |
| (25) <input type="checkbox"/> AERATORS | (50) <input type="checkbox"/> CHEMICAL SPREADERS |
| (26) <input type="checkbox"/> AERIAL TRAMS | (51) <input type="checkbox"/> CHERRY PICKERS |
| (27) <input type="checkbox"/> AGGREGATE SPREADERS | (52) <input type="checkbox"/> COMBINATION SNOW PLOWS |
| (28) <input type="checkbox"/> AIR BLAST SWEEPERS | (53) <input type="checkbox"/> CONCRETE BATCH PLANTS |
| (29) <input type="checkbox"/> AIR COMPRESSORS | (54) <input type="checkbox"/> CONCRETE FINISHERS |
| (30) <input type="checkbox"/> AIRFIELD VACUUM SWEEPERS | (55) <input type="checkbox"/> CONCRETE LAY DOWN MACHINES |
| (31) <input type="checkbox"/> ASPHALT BATCH PLANTS | (56) <input type="checkbox"/> CONCRETE SAWS |
| (32) <input type="checkbox"/> ASPHALT AUGERS | (57) <input type="checkbox"/> CONCRETE SCREENING MACHINES |
| (33) <input type="checkbox"/> ASPHALT DISTRIBUTORS | (58) <input type="checkbox"/> CONVEYOR BELTS |
| (34) <input type="checkbox"/> ASPHALT LAY DOWN MACHINES | (59) <input type="checkbox"/> CRANES, 10 TON TRACTOR MOUNTED |
| (35) <input type="checkbox"/> ATTACHED MOWERS | (60) <input type="checkbox"/> CRANES, 10 TON TRUCK MOUNTED |
| (36) <input type="checkbox"/> BACK BLADES | (61) <input type="checkbox"/> CRANES, 20 TON |
| (37) <input type="checkbox"/> BACKHOES | (62) <input type="checkbox"/> CRANES, 30 TON |
| (38) <input type="checkbox"/> BALLAST TAMPERS | (63) <input type="checkbox"/> CRANES, 40 TON |
| (39) <input type="checkbox"/> BANK ROTARY SNOW PLOWS | (64) <input type="checkbox"/> CRANES, 50 TON |
| (40) <input type="checkbox"/> BEACHCOMBERS | (65) <input type="checkbox"/> CRAWLER TRACTORS, D6 |
| (41) <input type="checkbox"/> BENCH GRINDERS | (66) <input type="checkbox"/> CRAWLER TRACTORS, D7 |
| (42) <input type="checkbox"/> BUSES | (67) <input type="checkbox"/> CRAWLER TRACTORS, D8 |
| (43) <input type="checkbox"/> CARGO TRUCKS, 1/2 TON | (68) <input type="checkbox"/> CRAWLER TRACTORS, D9 |
| (44) <input type="checkbox"/> CARGO TRUCKS, 3/4 TON | (69) <input type="checkbox"/> CRAWLER TRACTORS, TD 18 |
| (45) <input type="checkbox"/> CARGO TRUCKS, 1 TON | (70) <input type="checkbox"/> CRAWLER TRACTORS, TD 20 |
| (46) <input type="checkbox"/> CARGO TRUCKS, 2 1/2 TONS | (71) <input type="checkbox"/> CRAWLER TRACTORS, TD 24 |
| (47) <input type="checkbox"/> CARGO TRUCKS, 5 TONS | (72) <input type="checkbox"/> CRAWLER TRACTORS, TD 25 |
| (48) <input type="checkbox"/> CARRYALLS | (73) <input type="checkbox"/> CURBING MACHINES (Continued next page) |

BACKGROUND INFORMATION (Continued)

(CONTINUED)

(CARD 05: 5-54)

- | | |
|--|---|
| (5) <input type="checkbox"/> DEMPSEY DUMPSTER TRUCKS | (30) <input type="checkbox"/> HIGH SPEED ROTARY SNOW PLOWS |
| (6) <input type="checkbox"/> DETHACHERS | (31) <input type="checkbox"/> IMPACT WRENCHES |
| (7) <input type="checkbox"/> DISCS | (32) <input type="checkbox"/> INDUSTRIAL TRACTORS |
| (8) <input type="checkbox"/> DITCHING MACHINES | (33) <input type="checkbox"/> LAWN EDGERS |
| (9) <input type="checkbox"/> DUMP TRUCKS, 2 1/2 TON | (34) <input type="checkbox"/> LAWN ROLLERS |
| (10) <input type="checkbox"/> DUMP TRUCKS, 5 TON | (35) <input type="checkbox"/> LAWN SWEEPERS |
| (11) <input type="checkbox"/> DUMP TRUCKS, 10 TON | (36) <input type="checkbox"/> LOADAL TRUCKS |
| (12) <input type="checkbox"/> DUMP TRUCKS, 18 TON | (37) <input type="checkbox"/> LOWBOY TRAILERS |
| (13) <input type="checkbox"/> EARTH AUGERS | (38) <input type="checkbox"/> LUBRICATING AND SERVICING UNITS |
| (14) <input type="checkbox"/> ELECTRIC DRILLS | (39) <input type="checkbox"/> MAGNETIC SWEEPERS |
| (15) <input type="checkbox"/> ELECTRIC VIBRATORS | (40) <input type="checkbox"/> MECHANICAL STONE PICKERS |
| (16) <input type="checkbox"/> FARM TRACTORS | (41) <input type="checkbox"/> MELTER APPLICATORS |
| (17) <input type="checkbox"/> FORKLIFTS, 4,000 LB | (42) <input type="checkbox"/> MOTORIZED SCRAPERS, 14 CU YD |
| (18) <input type="checkbox"/> FORKLIFTS, 6,000 LB | (43) <input type="checkbox"/> MOTORIZED SCRAPERS, 18 CU YD |
| (19) <input type="checkbox"/> FORKLIFTS, 15,000 LB | (44) <input type="checkbox"/> MULCH SPREADERS |
| (20) <input type="checkbox"/> 54,000 GVW DISPLACEMENT TRUCKS | (45) <input type="checkbox"/> ONE WAY SNOW PLOWS |
| (21) <input type="checkbox"/> FLATBED TRAILERS | (46) <input type="checkbox"/> PAVING MACHINES |
| (22) <input type="checkbox"/> FRONT END LOADERS | (47) <input type="checkbox"/> PLOWS |
| (23) <input type="checkbox"/> GRADERS | (48) <input type="checkbox"/> PNEUMATIC CHAIN SAWS |
| (24) <input type="checkbox"/> HAND MOWERS | (49) <input type="checkbox"/> PNEUMATIC DRILLS |
| (25) <input type="checkbox"/> HAND TAMPERS | (50) <input type="checkbox"/> PNEUMATIC HAMMERS |
| (26) <input type="checkbox"/> HAND TOOLS | (51) <input type="checkbox"/> PNEUMATIC (RUBBER TIRE) ROLLERS |
| (27) <input type="checkbox"/> HARROWS | (52) <input type="checkbox"/> PNEUMATIC TAMPERS |
| (28) <input type="checkbox"/> HEDGE TRIMMERS | (53) <input type="checkbox"/> PNEUMATIC VIBRATORS |
| (29) <input type="checkbox"/> HIGH REACHES | (54) <input type="checkbox"/> POLE MASTERS |

(Continued next page)

BACKGROUND INFORMATION (Continued)

(CONTINUED)

(CARD 05: 55-73)

(CARD 06: 5-35)

- | | |
|--|--|
| (55) <input type="checkbox"/> PORTABLE CONCRETE MIXERS | (11) <input type="checkbox"/> SNOW PLOW UNITS |
| (56) <input type="checkbox"/> PORTABLE GENERATORS | (12) <input type="checkbox"/> SNOW SWEEPERS |
| (57) <input type="checkbox"/> POWER AUGERS | (13) <input type="checkbox"/> STAFF CARS |
| (58) <input type="checkbox"/> POWER SAWS | (14) <input type="checkbox"/> STATION WAGONS |
| (59) <input type="checkbox"/> POWER TROWELS | (15) <input type="checkbox"/> STEEL LAYING MACHINES |
| (60) <input type="checkbox"/> PULVERIZING MACHINES | (16) <input type="checkbox"/> STEEL WHEEL ROLLERS |
| (61) <input type="checkbox"/> PUMPS | (17) <input type="checkbox"/> STREET SWEEPERS |
| (62) <input type="checkbox"/> RAIL BENDING MACHINES | (18) <input type="checkbox"/> STUMP CUTTERS |
| (63) <input type="checkbox"/> RAIL DRILLING MACHINES | (19) <input type="checkbox"/> TILT-BED TRAILERS |
| (64) <input type="checkbox"/> RAILROAD REPAIR CARS | (20) <input type="checkbox"/> TOWED MOWERS |
| (65) <input type="checkbox"/> REFUSE PACKERS | (21) <input type="checkbox"/> TOWED SCRAPERS, 8 CU YD |
| (66) <input type="checkbox"/> REVERSIBLE SNOW PLOWS | (22) <input type="checkbox"/> TOWED SCRAPERS, 12 CU YD |
| (67) <input type="checkbox"/> ROCK CRUSHING AND SCREENING PLANTS | (23) <input type="checkbox"/> TOWED SCRAPERS, 14 CU YD |
| (68) <input type="checkbox"/> ROCK HAULERS, 20 TON | (24) <input type="checkbox"/> TOWED SWEEPERS |
| (69) <input type="checkbox"/> ROCK PICKERS | (25) <input type="checkbox"/> TOWED TRAILERS |
| (70) <input type="checkbox"/> ROLLOVER SNOW PLOWS | (26) <input type="checkbox"/> TRACTOR TRUCKS |
| (71) <input type="checkbox"/> ROTARY TILLERS | (27) <input type="checkbox"/> TRANSIT MIX TRUCKS |
| (72) <input type="checkbox"/> ROUGH TERRAIN FORKLIFTS | (28) <input type="checkbox"/> TREE SPADES |
| (73) <input type="checkbox"/> ROUTERS | (29) <input type="checkbox"/> TRENCHING MACHINES |
| (5) <input type="checkbox"/> SAND BLASTERS | (30) <input type="checkbox"/> VIBRATOR COMPACTORS |
| (6) <input type="checkbox"/> SAND DRYERS | (31) <input type="checkbox"/> VIBRATOR ROLLERS |
| (7) <input type="checkbox"/> SELF-PROPELLED MOWERS | (32) <input type="checkbox"/> VIBRATOR TAMPERS |
| (8) <input type="checkbox"/> SHEEPSFOOT ROLLERS | (33) <input type="checkbox"/> WATER DISTRIBUTORS |
| (9) <input type="checkbox"/> SLURRY SEAL MACHINES | (34) <input type="checkbox"/> WATER DRILLING UNITS |
| (10) <input type="checkbox"/> SNOW BLOWERS | (35) <input type="checkbox"/> WATER TRUCKS |

(Continued next page)

BACKGROUND INFORMATION (Continued)

(CARD 06: 36-46)

(36) DO YOU POUR CONCRETE?

YES NO

IF YES, CHECK THE TYPES OF STRUCTURES YOU POUR CONCRETE FOR.

- | | |
|--|---|
| (37) <input type="checkbox"/> CULVERT HEADWALLS | (42) <input type="checkbox"/> SLABS FOR PREFABRICATED BUILDINGS |
| (38) <input type="checkbox"/> FOUNDATIONS | (43) <input type="checkbox"/> STRUCTURAL FORMS |
| (39) <input type="checkbox"/> MANHOLES | (44) <input type="checkbox"/> TEST SPECIMENS |
| (40) <input type="checkbox"/> PIERS | (45) <input type="checkbox"/> VAULTS |
| (41) <input type="checkbox"/> SLABS FOR EQUIPMENT MOUNTING | (46) <input type="checkbox"/> OTHER (SPECIFY) |

(CARD 06: 47-58)

(47) DO YOU CONSTRUCT OR INSTALL DRAINAGE SYSTEMS OR DRAINAGE SYSTEM COMPONENTS?

YES NO

IF YES, INDICATE THE TYPES OF SYSTEMS YOU CONSTRUCT OR INSTALL.

- | | |
|--|---|
| (48) <input type="checkbox"/> CHECK DAMS | (54) <input type="checkbox"/> OPEN CHANNELS OR DRAINS |
| (49) <input type="checkbox"/> CONCRETE PIPE CULVERTS | (55) <input type="checkbox"/> PAVED DRAINS |
| (50) <input type="checkbox"/> CORRUGATED METAL PIPE CULVERTS | (56) <input type="checkbox"/> VERTICAL DRY WELLS |
| (51) <input type="checkbox"/> FLUMES | (57) <input type="checkbox"/> WOOD BOX CULVERTS |
| (52) <input type="checkbox"/> FRENCH DRAINS | (58) <input type="checkbox"/> OTHER (SPECIFY) |

(53) INTERCEPTOR DRAINS

(Continued next page)

BACKGROUND INFORMATION (Continued)

INDICATE THE AIR FORCE COURSES YOU HAVE TAKEN:

(CARD 06: 59-62)

- (59) 3ABR 55130 PAVEMENTS MAINTENANCE SPECIALIST
- (60) 3ABR 55131 CONSTRUCTION EQUIPMENT OPERATOR
- (61) 3AZR 55150 PAVEMENTS MAINTENANCE SPECIALIST
- (62) OTHER: (SPECIFY)

(63) ARE YOU CERTIFIED TO WORK WITH EXPLOSIVES?

(CARD 06: 63)

- YES NO

(64) ARE YOU A MEMBER OF RED HORSE?

(CARD 06: 64-73)
(CARD 07: 5- 9)

- YES NO

IF YES, CHECK ANY AREAS YOU WORK IN.

- | | |
|--|--|
| (65) <input type="checkbox"/> CARPENTRY | (72) <input type="checkbox"/> PLUMBING |
| (66) <input type="checkbox"/> CONSTRUCTION EQUIPMENT OPERATION | (73) <input type="checkbox"/> POWER LINES |
| (67) <input type="checkbox"/> CRYOGENIC FLUIDS | (5) <input type="checkbox"/> PROGRAMS AND WORK CONTROL |
| (68) <input type="checkbox"/> ELECTRICIAN | (6) <input type="checkbox"/> PROTECTIVE COATING |
| (69) <input type="checkbox"/> HEATING | (7) <input type="checkbox"/> SITE DEVELOPMENT |
| (70) <input type="checkbox"/> MASONRY | (8) <input type="checkbox"/> WASTE WATER |
| (71) <input type="checkbox"/> PAVEMENTS MAINTENANCE | (9) <input type="checkbox"/> WATER SUPPLY AND TREATMENT |

(10) ARE YOU A MEMBER OF PRIME BEEF?

(CARD 07: 10)

- YES NO

READ THIS PAGE BEFORE GOING FURTHER

Have you completed this Background Information Section? Make sure, before you continue with this procedure.

PROCEDURE A. CHECKING TASKS OF PRESENT JOB

1. As you read each task in the Duty-Task section, pages 1 through 62, place a check beside each task that you perform in your present job. Put your checkmark in the column headed "Check-If Done Now." When you have reached page 62, follow the arrow for your next instructions.
2. DO NOT COMPLETE THE RIGHT-HAND COLUMN AT THIS TIME.
3. If a task that you perform is not listed anywhere in the entire list, write it on the blank page at the end of the booklet, but do not add tasks that are classified.
4. Do not confuse work you do yourself with work you supervise.
5. Remember, at this time you are to complete only the column headed "Check-If Done Now" for pages 1 through 62. Now, turn to page 1 and BEGIN.

PROCEDURE B. RATING TIME SPENT ON TASKS ON PRESENT JOB

1. Have you checked each task that you perform in your present job? Make sure, before you continue with this procedure.
2. Now you are to rate the relative amount of time you spend performing each task in your present job. Relative time spent means the total time you spend doing the task compared with the time you spend on each of the other tasks of your present job.
3. Use a rating of "1" if you spend "very much below average" amount of time on a task. Use a rating of "2" for "below average" time; and so on, up to a rating of "7" if you spend "very much above average" amount of time on the task.
4. Remember, you are to rate only tasks that you have already checked in the first column of pages 1 through 62.
5. Place your rating, according to the 7-point scale, in the right-hand column, headed "Time Spent Current Job."
6. When you have completed all your ratings in the right-hand column of pages 1 through 62, you will have completed this USAF Job Inventory, and you may turn it in to your Test Control Officer.
7. Now, turn to page 1 and BEGIN your ratings for the right-hand column.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 1 -- 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

A. ORGANIZING AND PLANNING

1. Act as training advisor at staff level	5
2. Assign personnel to duty positions	6
3. Assign sponsors for newly assigned personnel	7
4. Coordinate on transportation for structural maintenance and repair teams (SMART)	8
5. Coordinate work activities with other civil engineering shops	9
6. Coordinate work progress with base civil engineering scheduling	10
7. Develop organizational charts	11
8. Draft budget and financial requirements	12
9. Establish organizational policies, office instructions (OI), or standing operating procedures (SOP)	13
10. Establish performance standards	14
* * * * *	
11. Plan layout of facilities	15
12. Plan or prepare briefings	16
13. Plan or schedule on-the-job training (OJT)	17
14. Plan or schedule work assignments	18
15. Plan safety programs	19
16. Plan security programs	20
17. Prepare and update local operating instructions	21
18. Prepare or review grass cutting plans	22
19. Prepare or review snow removal plans	23
20. Prepare or review watering schedules	24

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 2 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job:
✓	1. VERY MUCH BELOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BELOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

A. ORGANIZING AND PLANNING (CONTINUED)

21. Review unit emergency or disaster plans	25		
22. Schedule advanced or special training	26		
23. Schedule leaves or passes	27		
24. Serve on airman classification boards	28		
25. Serve on job evaluation boards	29		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

A large diagonal line is drawn across the remaining rows of the table, indicating that no further tasks are to be recorded on this page.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 3 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

B. DIRECTING AND IMPLEMENTING

1. Conduct or participate in staff meetings	30
2. Counsel personnel on personal or military related problems	31
3. Develop or improve work methods or procedures	32
4. Direct asphalt plant operations	33
5. Direct concrete batch plant operations	34
6. Direct building construction operations	35
7. Direct clearing operations	36
8. Direct cut, fill, or compaction operations	37
9. Direct development or maintenance of status boards, graphs, or charts	38
10. Direct golf course maintenance operations	39
* * * * *	
11. Direct grounds maintenance operations	40
12. Direct gunnery range maintenance operations	41
13. Direct herbicide application or preparation	42
14. Direct maintenance of administrative files	43
15. Direct maintenance of tool cribs	44
16. Direct maintenance or utilization of equipment	45
17. Direct missile refurbishment operations	46
18. Direct OJT field operations	47
19. Direct or implement OJT programs	48
20. Direct pavement surfacing operations	49
* * * * *	

(Continued next page) 14

JOB INVENTORY
(DUTY - TASK LIST)

AFSC
551X0/1

PAGE 4 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

B. DIRECTING AND IMPLEMENTING (CONTINUED)

21. Direct pavement sweeping operations 50

22. Direct quarry operations 51

23. Direct railroad maintenance operations 52

24. Direct refuse collection operations 53

25. Direct sanitary fill operations 54

26. Direct snow removal operations 55

27. Direct well drilling operations 56

28. Draft correspondence 57

29. Draft or revise job descriptions 58

30. Establish or maintain publications libraries 59

* * * * *

31. Implement cost reduction programs 60

32. Implement safety or security programs, or procedures 61

33. Initiate contingency plans 62

34. Interpret policies, directives, or procedures for subordinates 63

35. Prepare tables, graphs, or diagrams for technical reports 64

36. Supervise AFSC 55130 personnel 65

37. Supervise AFSC 55131 personnel 66

38. Supervise AFSC 55150 personnel 67

39. Supervise AFSC 55151 personnel 68

40. Supervise AFSC 55170 personnel 69

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC
551X0/1

PAGE 5 OF 64 PAGES

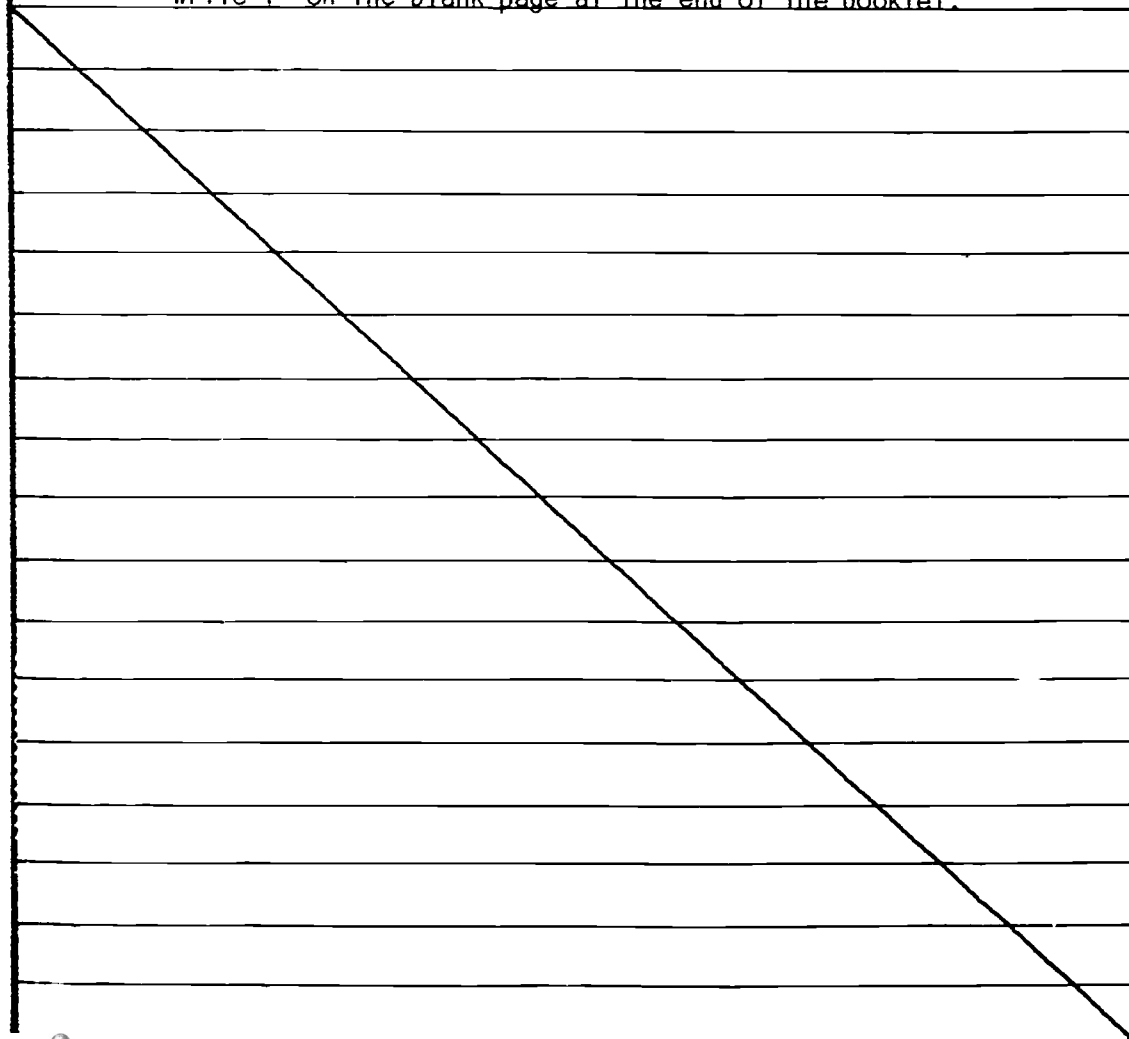
1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

B. DIRECTING AND IMPLEMENTING (CONTINUED)

41. Supervise AFSC 55171 personnel	70		
42. Supervise civilian personnel	71		
43. Supervise detail personnel	72		
44. Supervise or participate in general military duties	8:73		
45. Supervise SMART	5		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.



JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 6 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
IF DONE NOW	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

C. INSPECTING AND EVALUATING

1. Analyze work load requirements	6
2. Draft staff studies, surveys, or special reports	7
3. Evaluate administrative forms, files, or procedures	8
4. Evaluate alert or emergency procedures	9
5. Evaluate budgeting and financial requirements	10
6. Evaluate compliance with work standards	11
7. Evaluate individuals for promotion, demotion, or reclassification	12
8. Evaluate inspection reports or procedures	13
9. Evaluate job descriptions	14
10. Evaluate layout of facilities	15
* * * * *	
11. Evaluate maintenance and use of workspace, equipment, or supplies	16
12. Evaluate new equipment	17
13. Evaluate procedures for storage, inventory, or inspection of property items	18
14. Evaluate safety or security programs	19
15. Evaluate suggestions	20
16. Evaluate work schedules	21
17. Investigate accidents or incidents	22
18. Select individuals for specialized training	23
19. Write staff studies, surveys, or special reports	24

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 7 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT: Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

D. TRAINING

1. Administer or score tests	25		
2. Assign OJT trainers	26		
3. Assign resident course instructors	27		
4. Conduct OJT	28		
5. Conduct resident course classroom training	29		
6. Conduct snow removal training	30		
7. Conduct training conferences or briefings	31		
8. Counsel trainees on training progress	32		
9. Demonstrate how to locate technical information	33		
10. Determine resident course training requirements	34		
* * * * *			
11. Develop career development courses (CDC)	35		
12. Develop or review specialty training standards (STS)	36		
13. Develop resident course curriculum materials	37		
14. Establish or maintain study reference files	38		
15. Evaluate OJT trainees	39		
16. Evaluate progress of resident course students	40		
17. Evaluate training methods, techniques, or programs	41		
18. Implement or direct training programs	42		
19. Maintain training records, charts, or graphs	43		
20. Prepare lesson plans	44		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 8 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE

D. TRAINING (CONTINUED)

21. Prepare training aids	45		
22. Procure training aids, space, or equipment	46		
23. Schedule general military training (GMT)	47		
24. Verify personnel are enrolled in CDC	48		
25. Write test questions	49		
26. Write training reports	50		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC

551X0/1

PAGE 9

OF 64 PAGES

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job	
E. WORKING WITH FORMS, RECORDS, REPORTS, DIRECTIVES, OR TECHNICAL DATA	✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE	
1. Annotate BCE Daily Work Schedule forms (AF Form 1734)		51	
2. Annotate or review Job Order Log forms (AF Form 1880)		52	
3. Assign vehicles or equipment to operators		53	
4. Compile reports or records from data on maintenance forms		54	
5. Compile reports or records from data on manhour accounting forms		55	
6. Compile reports or records from inspection surveillance		56	
7. Compute required amounts of asphalt or concrete		57	
8. Compute required volume of base course materials		58	
9. Design work sheets or maintenance forms		59	
10. Determine necessary pavement thickness using minimum thickness charts		60	
* * * * *			
11. Draft changes to technical directives		61	
12. Draft correspondence or reports		62	
13. File, annotate, or update directive files		63	
14. File, annotate, or update maintenance data records		64	
15. File, annotate, or update technical order (TO) files and TO compliance records		65	
16. File general correspondence		66	
17. Initiate, annotate, or prepare Request for Issue or Turn-in forms (AF Form 1801)		67	
18. Initiate, annotate, or review Custodian Request/Receipt forms (AF Form 601b)		68	
19. Initiat, annotate, or review Material Cost Transfer for BEAMS forms (AF Form 1469)	69		
20. Initiate, annotate, or review Materials Cost Transfer forms (AF Form 333)	70		
* * * * *			

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 10 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
IF DONE NOW	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

E. WORKING WITH FORMS, RECORDS, REPORTS, DIRECTIVES, OR TECHNICAL DATA (CONTINUED)

21. Initiate or annotate Quality Control Evaluation forms (AF Form 1255)	71		
22. Initiate or complete Materials and Equipment List forms (AF Form 1445)	72		
23. Initiate or complete Request for Non FSN/Local Purchase Item forms (AF Form 1999)	9:73		
24. Initiate or prepare Work Request forms (AF Form 332)	5		
25. Initiate or review Report of Survey forms (DD Form 200)	6		
26. Initiate, review, or post Civil Engineer Construction Permit forms (AF Form 103)	7		
27. Initiate Temporary Issue Receipt forms (AF Form 1297)	8		
28. Interpret engineering plans	9		
29. Maintain administrative files	10		
30. Maintain dispatch logs	11		
* * * * *			
31. Make entries on Work Center Bench Stock Availability forms (AF Form 1919)	12		
32. Order manufacturer's technical publications	13		
33. Post entries on and attach equipment status tags or labels	14		
34. Post entries on equipment maintenance and record forms	15		
35. Post entries on manhour reporting forms	16		
36. Post entries on Monthly Mobile Equipment Use Record forms (AF Form 1447)	17		
37. Prepare drafts of outgoing correspondence or reports	18		
38. Prepare inspection schedules	19		
39. Prepare maintenance schedules	20		
40. Prepare or review Operator's Inspection Guide and Trouble Report (General Purpose Vehicles) forms (AFTO Form 374)	21		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC

551X0/1

PAGE 11

OF 64

PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
Current Job

✓
IF
DONE
NOW

1. VERY MUCH BE-
LOW AVERAGE.
2. BELOW AVERAGE.
3. SLIGHTLY BE-
LOW AVERAGE.
4. ABOUT AVERAGE.
5. SLIGHTLY
ABOVE AVERAGE.
6. ABOVE AVERAGE.
7. VERY MUCH
ABOVE AVERAGE.

E. WORKING WITH FORMS, RECORDS, REPORTS, DIRECTIVES, OR
TECHNICAL DATA (CONTINUED)

41. Prepare or review Operator's Inspection Guide and Trouble Report (Special Equipment) forms (AFTO Form 373)	22		
42. Prepare work drawings	23		
43. Research American Association of State Highway Officer Publications on subgrade strengths	24		
44. Research blueprints or technical drawings	25		
45. Research TOs for job standards or procedures	26		
46. Review Base Civil Engineer Multiple Job Shop Schedule forms (AF Form 917)	27		
47. Review Job Phase Calculation Sheet forms (AF Form 1031)	28		
48. Review Maintenance Action Sheet forms (AF Form 1841)	29		
49. Review or annotate Base Civil Engineer Job Order forms (AF Form 1879)	30		
50. Review or annotate Base Civil Engineer Weekly Work Schedule forms (AF Form 561)	31		
* * * * *			
51. Review or annotate Base Civil Engineer Work Order forms (AF Form 327)	32		
52. Review or annotate Cash Collection Voucher forms (DD Form 1131)	33		
53. Review or annotate Statement of Charges for Government Property Lost, Damaged, or Destroyed forms (DD Form 362)	34		
54. Review or annotate Structural Maintenance and Repair Team Job Order forms (AF Form 1219)	35		
55. Review or post construction equipment hauling permits	36		
56. Type outgoing correspondence, records, or reports	37		
57. Write herbicide usage reports	38		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 12 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

F. PERFORMING LABORATORY AND FIELD TESTS

1. Compute optimum moisture content	39		
2. Compute water-cement ratios	40		
3. Perform California Bearing Ratio (CBR) tests	41		
4. Perform Cleveland or Tag open cup flashpoint tests	42		
5. Perform field tests to tentatively identify local soil types	43		
6. Perform heat odor tests on bituminous materials	44		
7. Perform liquid limit tests of soils	45		
8. Perform odor tests on bituminous materials	46		
9. Perform penetration tests on bituminous materials	47		
10. Perform plastic indexes of soils	48		
* * * * *			
11. Perform plastic limit tests of soils	49		
12. Perform plate bearing tests	50		
13. Perform pour tests on bituminous materials	51		
14. Perform sieve analyses of soils	52		
15. Perform slump tests on concrete	53		
16. Perform smear tests on bituminous materials	54		
17. Perform soil compaction tests	55		
18. Perform soil density tests	56		
19. Perform soil sedimentation tests	57		
20. Perform solubility tests on bituminous materials	58		
* * * * *			

(Continued next page)

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE

F. PERFORMING LABORATORY AND FIELD TESTS

21. Perform stone coating tests on bituminous materials	59		
22. Perform wet shaking tests of soils	60		
23. Test concrete sand for organic impurities	61		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 14 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.

G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND CONCRETE STRUCTURES

1. Add chemicals to concrete to prevent freezing	62
2. Adjust pneumatic tool airline oilers	63
3. Break concrete using air hammers	64
4. Clean concrete mixer drums or delivery chutes	65
5. Compact materials with pneumatic tampers	66
6. Construct metal concrete forms	67
7. Construct rails for concrete pavers	68
8. Construct wooden concrete forms	69
9. Cut, bend, or tie reinforcing steel	70
10. Cut tie wires	71
* * * * *	
11. Drill holes in concrete with electric drills	72
12. Drill holes in concrete with pneumatic drills	10:73
13. Fill concrete popouts with road tar or concrete	5
14. Finish concrete by hand to smooth surface	6
15. Finish concrete pavements to non-skid surfaces by hand	7
16. Finish concrete pavements to non-skid surfaces using concrete laying machines	8
17. Finish concrete pavements to non-skid surfaces using power trowels	9
18. Finish concrete to ornamental surfaces by hand	10
19. Finish subgrade by hand	11
20. Hand feed slurry materials into mud jack pug mill hoppers	12
* * * * *	

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 15 OF 64 PAGES

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job
	✓ IF NONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND CONCRETE STRUCTURES (CONTINUED)		
21. Hand shovel concrete		13
22. Inspect concrete for pumping slabs		14
23. Install load transfer devices at concrete joints		15
24. Jack concrete slabs to grade		16
25. Lay building paper to cure concrete		17
26. Lay burlap to cure concrete		18
27. Lay plastic to cure concrete		19
28. Light or extinguish smudge pots or salamanders to prevent freezing of concrete		20
29. Load transit concrete mixers		21
30. Mark location of jacking holes in pavements		22
* * * * *		
31. Mix air entraining agents to cement		23
32. Mix concrete by hand		24
33. Mix concrete with portable concrete mixers		25
34. Mix concrete with transit concrete mixers		26
35. Operate concrete batch plants		27
36. Perform operator inspections or maintenance of mud jacks		28
37. Perform operator inspections or maintenance of air compressors or air tools		29
38. Perform operator inspections and maintenance on concrete transit mixers		30
39. Perform operator inspections or maintenance on portable concrete mixers		31
40. Place concrete in forms by hand		32
* * * * *		

(Continued next page)



JOB INVENTORY
(DUTY - TASK LIST)

AFBC 551X0/1

PAGE 16 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
IF DONE NOW	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND CONCRETE STRUCTURES (CONTINUED)

41. Place concrete in forms using concrete buggies or wheelbarrows	33		
42. Place concrete in forms using transit mixers	34		
43. Place smudge pots or salamanders to prevent freezing of concrete	35		
44. Plug jacking holes	36		
45. Pour joint sealer	37		
46. Prime concrete with asphalt by hand	38		
47. Remove concrete forms	39		
48. Remove joint sealer	40		
49. Research technical publications for composition of rigid mix	41		
50. Rough finish concrete with power trowels	42		
* * * * *			
51. Rout cracks in concrete	43		
52. Saw concrete	44		
53. Seal concrete or concrete base with membranes	45		
54. Seal concrete surfaces with concrete sealers	46		
55. Set up air compressors and pneumatic tools	47		
56. Set up metal concrete forms	48		
57. Set up portable concrete mixers	49		
58. Set up wooden concrete forms	50		
59. Shovel materials into concrete mixers	51		
60. Spread concrete using form riding concrete pavers and finishers	52		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 17 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

G. CONSTRUCTING AND MAINTAINING RIGID PAVEMENTS AND
CONCRETE STRUCTURES (CONTINUED)

61. Spread hay to cure concrete	53		
62. Tamp concrete with pneumatic concrete vibrators	54		
63. Tamp or rod concrete at form edges or corners	55		
64. Test water for suitability of mixing concrete	56		
65. Transport concrete with transit concrete mixers	57		
66. Unload concrete from transit concrete mixers	58		
67. Water concrete while curing	59		

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

A large diagonal line is drawn across the remaining rows of the table, indicating that no further tasks are listed or recorded.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 18 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

H. CONSTRUCTING AND MAINTAINING FLEXIBLE PAVEMENTS

1. Apply aggregate to bleeding asphalt pavements	60
2. Apply bituminous materials by hand	61
3. Compact asphalt by hand	62
4. Control or adjust rate of aggregate application	63
5. Control or adjust rate of bituminous application	64
6. Coordinate with dump truck drivers during aggregate spreading	65
7. Coordinate with operators or crews on preparation of asphalt distributors	66
8. Cut or remove asphalt from areas	67
9. Dispose of extra asphalt remaining in asphalt distributors	68
10. Drain, flush, and clean asphalt distributors and spray lines	69
* * * * *	
11. Drive asphalt distributors during applications	70
12. Drive asphalt distributors to or from work areas	71
13. Drive dump trucks during aggregate spreading	72
14. Fill asphalt distributors from commercial sources	11:73
15. Fill asphalt distributors from drums	5
16. Fill asphalt distributors from storage tanks or rail cars	6
17. Hand spray asphalt	7
18. Hand spread aggregate	8
19. Inspect pot holes in asphalt to determine cause of defects	9
20. Level aggregate in spreaders	10
* * * * *	

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 19 OF 64 PAGES

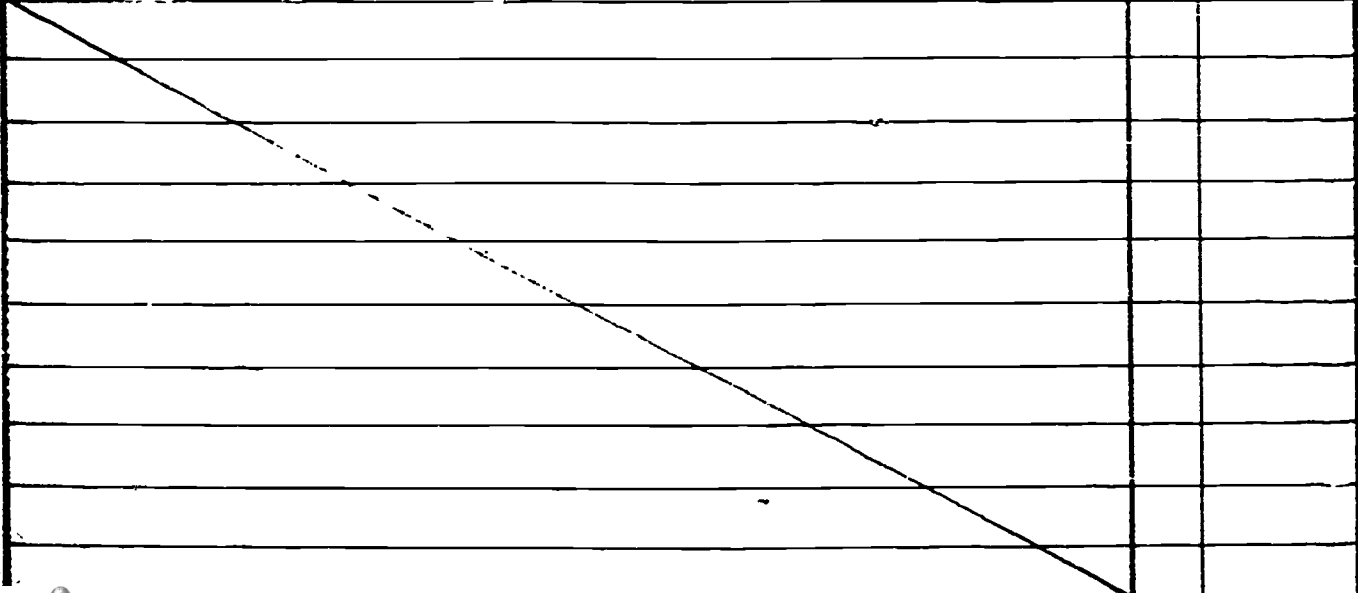
1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

H. CONSTRUCTING AND MAINTAINING FLEXIBLE PAVEMENTS
(CONTINUED)

21. Light or adjust distributor heaters	11		
22. Light or adjust railroad tank car heaters	12		
23. Operate asphalt paver and finishers	13		
24. Operate asphalt travel mix plants	14		
25. Operate rock crusher plants	15		
26. Operate stationary asphalt batch plants	16		
27. Perform operator inspections or maintenance on asphalt patching kettles	17		
28. Prepare or set up asphalt distributors for operation	18		
29. Shift spray bars laterally for coverage	19		
30. Skin patch ponding or bird baths in asphalt pavements	20		
* * * * *			
31. Tow asphalt repair kettles with dump trucks	21		

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.



JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 20 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

1. CONSTRUCTING AND MAINTAINING DRAINAGE SYSTEMS

1. Coordinate with equipment operators during construction or maintenance of drainage systems	22		
2. Dig ditches by hand	23		
3. Fill wash around channels around culverts, inlets, outfalls, or check dams	24		
4. Finish grade trenches by hand	25		
5. Inspect check dams	26		
6. Inspect culvert headwalls, inlets, or outfalls	27		
7. Inspect drainage systems during storms	28		
8. Inspect flumes	29		
9. Inspect open channels or drains	30		
10. Inspect paved drains	31		
* * * * *			
11. Inspect vertical dry wells	32		
12. Install notched weirs	33		
13. Install or replace gratings over manholes	34		
14. Joint concrete pipe	35		
15. Joint metal pipe	36		
16. Joint perforated metal pipe	37		
17. Joint tile pipe	38		
18. Lay concrete pipe	39		
19. Lay metal pipe	40		
20. Lay perforated metal pipe	41		
* * * * *			

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 21 OF 64 PAGES

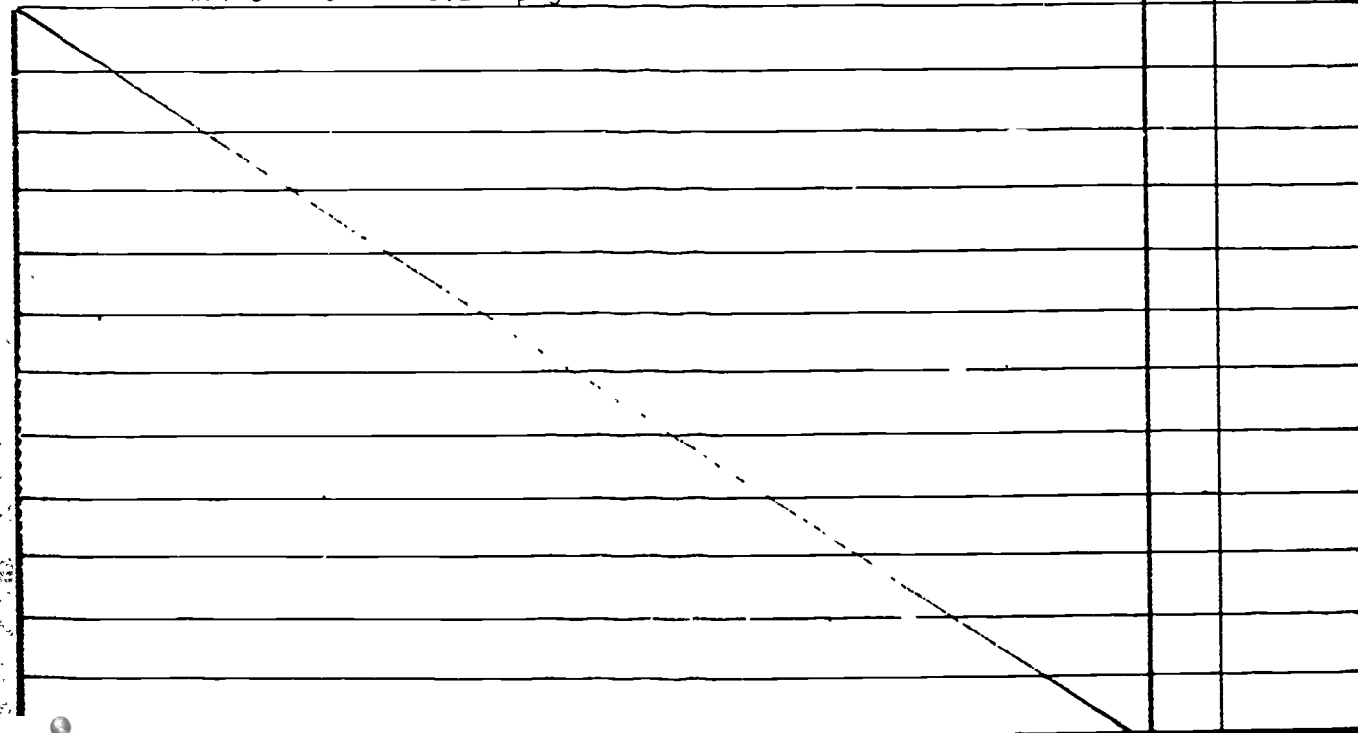
1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BELOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

1. CONSTRUCTING AND MAINTAINING DRAINAGE SYSTEMS (CONTINUED)

21. Lay tile pipe	42		
22. Lower piping into trenches using cranes	43		
23. Lower piping into trenches using forklifts	44		
24. Lower piping into trenches using front end loaders	45		
25. Lower piping into trenches by hand	46		
26. Lower piping into trenches using miscellaneous lifting equipment	47		
27. Remove debris from drainage systems	48		
28. Remove ice from drainage systems	49		
29. Riprap embankments, earthen dams, stream banks, ditches, or headwalls	50		
30. Sandbag breaks in embankments or earthen dams	51		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.



JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 22 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

J. BUILDING BUNKERS AND REVETMENTS

1. Compact materials in revetment bins by hand	52		
2. Compact materials in revetment bins with power tamps	53		
3. Construct rigid frame buildings	54		
4. Construct sand bag revetments or bunkers	55		
5. Construct soil or cement blocks	56		
6. Cover bunkers by hand	57		
7. Cover bunkers using clam shells	58		
8. Cover bunkers using front end loaders	59		
9. Cover roof spans of revetments	60		
10. Erect arches for wonder shelters	61		
* * * * *			
11. Erect concrete forms for wonder shelters by hand	62		
12. Erect revetment bins	63		
13. Erect roof spans for revetments	64		
14. Establish alignment lines for revetments	65		
15. Fabricate bunkers with available materials	66		
16. Fabricate forms for bunkers	67		
17. Fill revetment bins by hand	68		
18. Fill revetment bins using clam shells	69		
19. Fill revetment bins using front end loaders	70		
20. Fill sand bags	71		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 23 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

J. BUILDING BUNKERS AND REVETMENTS (CONTINUED)

21. Place revetment kits at proper locations	72		
22. Pour concrete for wonder shelters using squeeze machines	12:73		
23. Secure arches for wonder shelters	5		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 24 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE

K. CONSTRUCTING AND MAINTAINING PREFABRICATED SURFACE MATS

1. Anchor bomb damage repair (BDR) patches	6		
2. Anchor matting	7		
3. Apply membranes to ground surfaces	8		
4. Assemble towing tube assemblies	9		
5. Compute amount of matting required	10		
6. Establish locations for placement of palletized prefabricated surface mats	11		
7. Inspect mats for damage	12		
8. Install Harvey earth anchors	13		
9. Install or remove keylocks	14		
10. Install or remove ramps	15		
* * * * *			
11. Install or remove right angle connectors	16		
12. Mix or pour earth anchor grout	17		
13. Patch membranes with adhesives	18		
14. Place alignment lines for prefabricated surfaces	19		
15. Place or remove matting	20		
16. Place palletized prefabricated surface mats using forklifts	21		
17. Remove or replace damaged matting	22		
18. Repackage BDR kits	23		
19. Store BDR kits	24		
20. Test earth anchors or dead men	25		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 25 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

K. CONSTRUCTING AND MAINTAINING PREFABRICATED SURFACE MATS (CONTINUED)

21. Tow in place assembled BDR kits using crawler type tractors	26
22. Tow in place assembled BDR kits using forklifts	27
23. Tow in place assembled BDR kits using front end loaders	28
24. Tow in place assembled BDR kits using graders	29
25. Tow in place assembled BDR kits using motorized scrapers	30
26. Tow in place assembled BDR kits using pneumatic bulldozers	31
27. Transport matting to sites using forklifts	32
28. Transport matting to sites using tractor trailers	33

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

L. WORKING WITH EXPLOSIVES

1. Adjust or check temperature or humidity of explosive storage areas	5
2. Check electrical charges with galvanometers	6
3. Connect explosive charges using detonator cord	7
4. Connect explosive charges using standard or safety fuses	8
5. Coordinate placement, timing, or type of charges to be used with other agencies or sections	9
6. Cut trees, or remove stumps or slabs of concrete using detonator cord	10
7. Detonate explosive charges	11
8. Dispose of defective charges	12
9. Drill rock to place charges	13
10. Inspect explosives for leakage	14
* * * * *	
11. Investigate electrical misfires	15
12. Investigate non-electrical misfires	16
13. Mix available materials to create explosives	17
14. Place charges for destruction of equipment or buildings	18
15. Place charges for removing stumps, boulders, tree tops, or for rock quarrying	19
16. Position wire mesh blankets	20
17. Set up or ignite fireworks displays	21
18. Store fuses, caps, or explosives	22
19. Transport explosives with cargo trucks	23
20. Transport explosives with tractor trailers	24

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 27

OF 64

PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BELOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BELOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

L. WORKING WITH EXPLOSIVES (CONTINUED)

21. Wire blasting boxes 25

22. Wire electrical lines for charges 26

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

M. CONSTRUCTING AND MAINTAINING RAILROAD TRACKAGE

1. Align or clean railroad crossing signs or signals	27		
2. Apply preservatives to ties	28		
3. Bend rails by hand	29		
4. Bend rails using rail bending machines	30		
5. Carry ties	31		
6. Carry track	32		
7. Clean or lubricate moveable track sections or operating accessories	33		
8. Clean or lubricate track maintenance tools	34		
9. Clean track ballast	35		
10. Construct or replace cattle guards or sections	36		

11. Construct siding dead end barricades	37		
12. De-ice railroad accessories	38		
13. Drill rails using rail drilling machines	39		
14. Drive spikes by hand	40		
15. Drive spikes with air hammers	41		
16. Gauge track	42		
17. Hand drill rails	43		
18. Hand tamp railroad ballast	44		
19. Identify rails by size or curve number	45		
20. Inspect railroad safety devices, crossing signs, or signals	46		

(Continued next page)

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

M. CONSTRUCTING AND MAINTAINING RAILROAD TRackage
(CONTINUED)

21. Inspect siding dead end barricades	47		
22. Install or remove compromise or joint bars	48		
23. Install or remove railroad crossing signs or signals	49		
24. Install or remove train crew warning systems	50		
25. Level track	51		
26. Operate powered track repair cars	52		
27. Place track repair cars on or remove from rails	53		
28. Plug spike holes	54		
29. Pump hand cars	55		
30. Remove or replace crossovers	56		
* * * * *			
31. Remove or replace frogs	57		
32. Remove or replace guard rails	58		
33. Remove or replace railroad ballast	59		
34. Remove or replace rails	60		
35. Remove or replace switches	61		
36. Remove or replace tie plates or creep anchors	62		
37. Remove or replace ties	63		
38. Remove or replace turn outs	64		
39. Remove or replace warning system lights	65		
40. Remove rail spikes	66		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFBC 551X0/1

PAGE 31 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

N. PERFORMING GROUNDS MAINTENANCE

1. Apply fertilizers using hand equipment	68		
2. Apply fertilizers using sprayers	69		
3. Apply fertilizers using tractor drawn spreaders	70		
4. Apply petroleum products to grounds using asphalt distributors	71		
5. Apply soil additives using disc harrows	72		
6. Apply soil additives using dump trucks	13:73		
7. Apply soil additives using hand spreaders	5		
8. Apply soil additives using tractor drawn spreaders	6		
9. Burn weeds	7		
10. Calculate amount of fertilizer, herbicide, or fungicide needed	8		
* * * * *			
11. Chop vegetation from joints or cracks in pavements	9		
12. Collect golf balls from driving ranges or water hazards	10		
13. Construct barbed wire fences	11		
14. Construct chain link fences	12		
15. Construct concertina fences	13		
16. Construct, install, or remove trellises or arbors	14		
17. Construct wood fences	15		
18. Cut erosion control crops using farm tractors and attachments	16		
19. Cut firebreaks with hand tools	17		
20. Cut weeds	18		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 32 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

IF
DONE
NOW

N. PERFORMING GROUNDS MAINTENANCE (CONTINUED)

21. Drain, clean, or refill water hazards on golf courses	19		
22. Drive water distributors to or from work areas	20		
23. Edge grassy areas by hand	21		
24. Establish flagman points	22		
25. Fight grass or shrub fires with back packs	23		
26. Fight grass or shrub fires with hand tools	24		
27. Fill water distributors from fill stands	25		
28. Fill water distributors from fire hoses	26		
29. Hand pick aquatic vegetation	27		
30. Harvest erosion control crops	28		
* * * * *			
31. Haul water with water distributors	29		
32. Identify spoil areas	30		
33. Identify types of vegetation	31		
34. Install or repair sprinkling system components	32		
35. Irrigate areas with water distributors	33		
36. Lay polyethylene films for weed control	34		
37. Load water distributors from ponds	35		
38. Locate areas for construction materials storage	36		
39. Locate borrow pits	37		
40. Locate equipment fueling, maintenance, or parking areas	38		
* * * * *			

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 33 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

N. PERFORMING GROUNDS MAINTENANCE (CONTINUED)

41. Locate water sources	39		
42. Loosen ground with garden type rotary tillers	40		
43. Maintain sand traps on golf courses	41		
44. Maintain tool cribs	42		
45. Mix materials with garden type rotary tillers	43		
46. Mow banks with slope mowers	44		
47. Mow golf greens with greens mowers	45		
48. Mow grass with hand mowers or self propelled mowers	46		
49. Mow grass with towed mowers	47		
50. Mulch areas	48		
* * * * *			
51. Operate chippers	49		
52. Operate water distributors as transfer pumping units	50		
53. Perform operator inspections or maintenance on mowers	51		
54. Perform operator inspections or maintenance on water distributors	52		
55. Perform shop maintenance on mowers	53		
56. Plan or lay out beautification projects	54		
57. Plant ground cover	55		
58. Plant or transplant flowers	56		
59. Plant trees or shrubs	57		
60. Police grounds for litter	58		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 34 OF 64 PAGES

<p>1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.</p>	Check	TIME SPENT Current Job
<p>N. PERFORMING GROUNDS MAINTENANCE (CONTINUED)</p>	<p>✓ IF DONE NOW</p>	<p>1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE</p>
<p>61. Prepare seed beds</p>		
<p>62. Prime portable water pumps</p>		59
<p>63. Read or interpret construction stakes</p>		60
<p>64. Remove trees or shrubs by hand</p>		61
<p>65. Seed grass by hand</p>		62
<p>66. Seed grass with spreaders</p>		63
<p>67. Select erosion control crops or ground cover</p>		64
<p>68. Select trees, shrubs, or flowers for planting</p>		65
<p>69. Set cups on golf greens</p>		66
<p>70. Set tee markers on golf courses</p>		67
<p>70. Set tee markers on golf courses</p>		68
<p>*****</p>		
<p>71. Sharpen blades on saws</p>		69
<p>72. Sod areas</p>		70
<p>73. Spray water for compaction with water distributors</p>		71
<p>74. Spray water from water distributors for washing</p>		72
<p>75. Spread rock or heavy gravel by hand to prevent wind erosion</p>		14:73
<p>76. Spread rock or heavy gravel with dump trucks to prevent wind erosion</p>		5
<p>77. Spread rock or heavy gravel with graders to prevent wind erosion</p>		6
<p>78. Sprig areas</p>		7
<p>79. Top trees</p>		8
<p>80. Trim trees or shrubs</p>		9
<p>*****</p>		
<p>(Continued next page)</p>		

JOB INVENTORY
(DUTY - TASK LIST)

AF6C

551X0/1

PAGE 36 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

0. APPLYING HERBICIDES AND FUNGICIDES

IF
DONE
NOW

1. Add water to applied granular fumigants	12		
2. Add special purpose additives to herbicides or fungicides	13		
3. Apply granular fumigants to prepared soil using hand equipment	14		
4. Apply granular herbicide formulations to ponds using hand equipment	15		
5. Apply granular herbicide formulations using backpack-mist-dust-blowers	16		
6. Apply granular herbicide formulations using Buffalo turbines	17		
7. Apply granular herbicide formulations using hand equipment	18		
8. Apply herbicidal oils using Buffalo turbines	19		
9. Apply herbicidal oils using compressed air sprayers	20		
10. Apply herbicidal oils using hand equipment	21		
* * * * *			
11. Apply herbicidal oils using hydraulic sprayers	22		
12. Apply liquid fungicide by dipping	23		
13. Apply liquid herbicide formulations to land areas using compressed air sprayers	24		
14. Apply liquid herbicide formulations to land areas using hydraulic sprayers	25		
15. Apply liquid herbicide formulations to ponds using compressed air sprayers	26		
16. Apply liquid herbicide formulations to ponds using hydraulic sprayers	27		
17. Apply liquid herbicide formulations using Buffalo turbines	28		
18. Apply liquid herbicide formulations using hand equipment	29		
19. Apply liquid herbicide formulations using invert emulsion sprayers	30		
20. Brush on liquid fungicides	31		
* * * * *			

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC
551X0/1

PAGE 38 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOVE AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

P. OPERATING TRUCKS, FRONT END LOADERS, AND FORKLIFTS

1. Add diesel fuel to dump truck beds for hauling asphalt	46		
2. Attach or remove aggregate spreaders to or from dump trucks	47		
3. Attach or remove asphalt distributors to or from dump trucks	48		
4. Attach or remove forklift attachments to or from front end loaders	49		
5. Attach or remove multipurpose buckets to or from front end loaders	50		
6. Attach or remove sand spreaders or spinner spreaders to or from dump trucks	51		
7. Attach or remove trailers or equipment to or from dump trucks	52		
8. Backfill excavations with front end loaders	53		
9. Dig trenches or ditches using front end loaders with multipurpose buckets	54		
10. Drive front end loaders to or from work areas	55		

11. Drive forklifts to or from work areas	56		
12. Dump materials from dump trucks	57		
13. Excavate ditches or trenches with front end loaders	58		
14. Haul materials using front end loaders with multipurpose buckets	59		
15. Haul materials with dump trucks	60		
16. Haul personnel on dump trucks	61		
17. Level areas by backdragging front end loaders	62		
18. Level materials using front end loaders with multipurpose buckets	63		
19. Load materials using front end loaders with multipurpose buckets	64		
20. Load materials with front end loaders	65		

(Continued next page)

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

Q. OPERATING INDUSTRIAL TRACTORS AND ATTACHMENTS

1. Aerify grounds with industrial tractors and aerifier attachments	13		
2. Backblade with industrial tractors and blades	14		
3. Backfill with industrial tractors and blades	15		
4. Cut grass with industrial tractors and sickle bar attachments	16		
5. Dig ditches or trenches using ditching or trenching machines	17		
6. Drill holes with industrial tractors and auger attachments	18		
7. Drill holes with power augers	19		
8. Drive industrial tractors to or from work areas	20		
9. Excavate with industrial tractors and backhoe attachments	21		
10. Excavate with industrial tractors and front end loader attachments	22		
* * * * *			
11. Load materials with industrial tractors and backhoe attachments	23		
12. Load materials with industrial tractors and front end loader attachments	24		
13. Mix materials with industrial tractors and disc attachments	25		
14. Move materials with industrial tractors and front end loader attachments	26		
15. Perform edging operations with industrial tractors and curbers	27		
16. Perform operator inspections or maintenance on ditchers or trenchers	28		
17. Perform operator inspections or maintenance on industrial tractor attachments	29		
18. Perform operator inspections or maintenance on industrial tractors	30		
19. Plow areas with industrial tractors and plow or disc attachments	31		
20. Rough grade areas with industrial tractors and blades	32		
* * * * *			

(Continued next page)

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

Q. OPERATING INDUSTRIAL TRACTORS AND ATTACHMENTS (CONTINUED)

21. Seed grounds with industrial tractors and seeder attachments	33		
22. Set up or tear down asphalt or earth augers	34		
23. Set up or tear down power augers	35		
24. Spread herbicides with industrial tractors and herbicide spreader attachments	36		
25. Spread materials with industrial tractors and blades	37		
26. Spread materials with industrial tractors and front end loader attachments	38		
27. Spread materials with industrial tractors and scraper attachments	39		
28. Tow trailers or equipment using industrial tractors	40		
29. Transport materials, equipment, or cargo with industrial tractors and front end loader attachments	41		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 42 OF 64 PAGES

<p>1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.</p>	<p>Check</p>	<p>TIME SPENT Current Job</p>
	<p>✓ IF DONE NOW</p>	<p>1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE</p>
<p>R. OPERATING GRADERS</p>		
<p>1. Backfill with graders</p>		42
<p>2. Blend materials with graders</p>		43
<p>3. Crown dirt roads with graders</p>		44
<p>4. Cut and fill with graders</p>		45
<p>5. Cut firebreaks with graders</p>		46
<p>6. Cut flat-bottom ditches with graders</p>		47
<p>7. Cut V-ditches with graders</p>		48
<p>8. Drive motorized graders to or from work areas</p>		49
<p>9. Finish grade areas with graders</p>		50
<p>10. Maintain dirt roads with graders</p>		51
<p>*****</p>		
<p>11. Maintain road shoulders with graders</p>		52
<p>12. Make pioneer cuts with graders</p>		53
<p>13. Perform operator inspections or maintenance of motorized graders</p>		54
<p>14. Remove joint sealing materials from pavements using graders</p>		55
<p>15. Remove or replace grader blades</p>		56
<p>16. Remove or replace scarifier teeth on graders</p>		57
<p>17. Reverse grade with graders</p>		58
<p>18. Rough grade areas with graders</p>		59
<p>19. Scarify surfaces with graders</p>		60
<p>20. Scrape paint from pavements using graders</p>		61
<p>*****</p>		

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 43 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

R. OPERATING GRADERS (CONTINUED)

21. Slope embankments with graders	62		
22. Slope road shoulders with graders	63		
23. Spread materials with graders	64		
24. Strip top soil with graders	65		
25. Windrow materials with graders	66		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.



JOB INVENTORY
(DUTY - TASK LIST)

AFSC

551X0/1

PAGE 44

OF 64

PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check

TIME SPENT
Current Job

✓
IF
DONE
NOW

1. VERY MUCH BELOW AVERAGE.
2. BELOW AVERAGE.
3. SLIGHTLY BELOW AVERAGE.
4. ABOUT AVERAGE.
5. SLIGHTLY ABOVE AVERAGE.
6. ABOVE AVERAGE.
7. VERY MUCH ABOVE AVERAGE.

5. OPERATING DOZERS AND SCRAPERS

1. Adjust angles of crawler type tractor dozer blades	67		
2. Adjust pitch of crawler type tractor dozer blades	68		
3. Adjust tilt of crawler type tractor dozer blades	69		
4. Attach or remove towed scrapers to towing equipment	70		
5. Backblade with crawler type tractors	71		
6. Bench cut with crawler type tractors	72		
7. Break loose materials using crawler type tractors with ripper attachments	16:73		
8. Charge hoppers, loading ramps, or grizzlies with crawler type tractors	5		
9. Clear areas with crawler type tractors	6		
10. Construct embankments with crawler type tractors	7		

11. Construct firebreaks with crawler type tractors	8		
12. Cover hot spots in fires with crawler type tractors	9		
13. Cut and fill with crawler type tractors	10		
14. Cut channels with scrapers	11		
15. Cut emergency firebreaks with crawler type tractors	12		
16. Cut or maintain ditches with crawler type tractors and towed graders	13		
17. Cut pits or sanitary fills with scrapers	14		
18. Demolish buildings or foundations using crawler type tractors	15		
19. Downhill cut with crawler type tractors	16		
20. Drive crawler type tractors to or from work areas	17		

(Continued next page)			

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
IF DONE NOW	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

S. OPERATING DOZERS AND SCRAPERS (CONTINUED)

21. Drive motorized scrapers to or from work areas	18		
22. Excavate ditches or foundations with crawler type tractors	19		
23. Haul materials with scrapers	20		
24. Install or remove dozer blades on crawler type tractors	21		
25. Install or remove push blocks on crawler type tractors	22		
26. Install or remove scarifier or ripper attachments on crawler type tractors	23		
27. Install or remove towed graders on crawler type tractors	24		
28. Load downhill with scrapers	25		
29. Load scrapers	26		
30. Maintain ditches with crawler type tractors	27		
* * * * *			
31. Make fills with scrapers	28		
32. Make side hill cuts with scrapers	29		
33. Move or spread materials with crawler type tractors	30		
34. Perform operator inspections or maintenance of motorized scrapers	31		
35. Perform operator inspections or maintenance on crawler type tractor attachments	32		
36. Perform operator inspections or maintenance on crawler type tractors	33		
37. Perform pusher operations for scrapers using crawler type tractors	34		
38. Pioneer cut with crawler type tractors	35		
39. Push up, compact, or cover sanitary fills with crawler type tractors	36		
40. Remove boulders with crawler type tractors	37		
* * * * *			
(Continued next page)			

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 46 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

S. OPERATING DOZERS AND SCRAPERS (CONTINUED)

41. Remove boulders with scrapers	38		
42. Remove soil or rock with scrapers	39		
43. Rig or reave scrapers	40		
44. Rig or remove cable operated power control units (PCU)	41		
45. Rough grade with crawler type tractors	42		
46. Scarify or rip areas with crawler type tractors	43		
47. Sidehill cut with crawler type tractors	44		
48. Slot doze with crawler type tractors	45		
49. Stockpile burning brush or burning materials with crawler type tractors	46		
50. Stockpile materials with crawler type tractors	47		
* * * * *			
51. Tandem doze with crawler type tractors	48		
52. True cut with scrapers	49		
53. Unload scrapers and spread materials over fill areas	50		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 47 OF 64 PAGES

1. Check tasks you perform now (✓).
 2. Add any tasks you do now which are not listed.
 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BELOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.
IF DONE NOW	

T. OPERATING SPECIALIZED EQUIPMENT

1. Add or remove dry ballast to rollers	51		
2. Add or remove liquid ballast to rollers	52		
3. Aerate materials with construction type rotary tillers	53		
4. Compact base course materials using towed rollers	54		
5. Compact base course materials using motorized rollers	55		
6. Compact bituminous materials using motorized rollers	56		
7. Compact bituminous materials using towed rollers	57		
8. Compact concrete using concrete vibrator rollers	58		
9. Compact finish materials using motorized rollers	59		
10. Compact finish materials using towed rollers	60		
* * * * *			
11. Compact sub base using motorized rollers	61		
12. Compact sub base using towed rollers	62		
13. Destroy grassy areas with construction type rotary tillers	63		
14. Drag surface treatment areas using towed type sweepers or drag brushes	64		
15. Drive rollers to or from work areas	65		
16. Drive sweepers to or from work areas	66		
17. Install or remove towed rollers to towing equipment	67		
18. Perform operator inspections or maintenance on airfield vacuum sweepers	68		
19. Perform operator inspections or maintenance on compactor rollers	69		
20. Perform operator inspections or maintenance on concrete vibrator rollers	70		

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 48 OF 64 PAGES

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job
T. OPERATING SPECIALIZED EQUIPMENT (CONTINUED)	✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
21. Perform operator inspections or maintenance on construction type rotary tillers		
22. Perform operator inspections or maintenance on magnetic sweepers		72
23. Perform operator inspections or maintenance on pneumatic rollers		17:73
24. Perform operator inspections or maintenance on sheepsfoot rollers		5
25. Perform operator inspections or maintenance on steel wheel rollers		6
26. Perform operator inspections or maintenance on street sweepers		7
27. Perform operator inspections or maintenance on tenant sweepers		8
28. Perform operator inspections or maintenance on towed rollers		9
29. Perform operator inspections or maintenance on towed type sweepers		10
30. Prepare areas for surface treatment using street sweepers		11
* * * * *		
31. Prepare areas for surface treatment using towed type sweepers		12
32. Pulverize subgrade with construction type rotary tillers		13
33. Sweep airfield pavements with airfield vacuum sweepers		14
34. Sweep areas with magnetic sweepers		15
35. Sweep areas with tenant sweepers		16
36. Sweep pavements using towed type sweepers		17
37. Sweep pavements with street sweepers		18
NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.		

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 49 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE

U. OPERATING CRANES AND ATTACHMENTS

1. Adjust shovel trip cable levers	19	
2. Adjust tagline winder tensions	20	
3. Bench cut with power shovels	21	
4. Break concrete slabs with demolition balls	22	
5. Break rock with demolition balls	23	
6. Change or deepen stream beds with draglines	24	
7. Clean or shape drainage ditches with draglines	25	
8. Demolish buildings with demolition balls	26	
9. Determine wind conditions for crane operation	27	
10. Dig basements with power shovels	28	
* * * * *		
11. Dig ditches, footings, trenches, or basements with crane attached backhoes	29	
12. Dig out borrow pits with draglines	30	
13. Dig sanitary fills with draglines	31	
14. Dig with clamshells	32	
15. Direct crane operators using hand signals	33	
16. Drive crawler mounted cranes to or from work areas	34	
17. Drive piling	35	
18. Drive truck mounted cranes to or from work areas	36	
19. Engage or disengage crane failsafe systems	37	
20. Excavate footings or foundations with draglines	38	
* * * * *		

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 50 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

U. OPERATING CRANES AND ATTACHMENTS (CONTINUED)

21. Fabricate slings	39
22. Hand shovel materials into clamshells	40
23. Install or remove center sections from crane booms	41
24. Install or remove tip or jib sections from crane booms	42
25. Instruct personnel in crane rigging	43
26. Load materials with draglines	44
27. Load or unload cargo with cranes	45
28. Load or unload materials with clamshells	46
29. Load trucks, crushers, or conveyors with power shovels	47
30. Load trucks with crane attached backhoes	48
* * * * *	
31. Maintain sanitary fills with draglines	49
32. Perform operator inspections or maintenance on cranes	50
33. Place concrete with crane concrete buckets	51
34. Place concrete with clamshells	52
35. Position piling	53
36. Position prefabricated units with cranes	54
37. Pull piling with cranes	55
38. Quarry rock with power shovels	56
39. Remove or replace crane boom extensions	57
40. Remove or replace crane booms	58

* * * * *

(Continued next page)

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job
U. OPERATING CRANES AND ATTACHMENTS (CONTINUED)	✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
41. Remove or replace crane cables		
42. Remove or replace tagline winders		60
43. Rig loads to be lifted		61
44. Rig or remove backhoe attachments on cranes		62
45. Rig or remove clamshell attachments on cranes		63
46. Rig or remove dragline attachments on cranes		64
47. Rig or remove demolition balls on cranes		65
48. Rig or remove hook blocks on cranes		66
49. Rig or remove jibs on cranes		67
50. Rig or remove piledriver attachments on cranes		68
* * * * *		
51. Rig or remove shovel attachments on cranes		69
52. Set piles with piledrivers		70
53. Set up cranes for operation		71
54. Slope embankments with draglines		72
55. Stack palletized or crated materials with cranes		18:73
56. Stockpile materials with clamshells		5
57. Stockpile materials with draglines		6
58. Stockpile materials with power shovels		7
59. Strip soil or rock with power shovels		8
60. Strip top soil, soil, or rock with draglines		9
* * * * *		
(Continued next page)		

JOB INVENTORY
(DUTY - TASK LIST)

AFSC
551X0/1

PAGE 52 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

U. OPERATING CRANES AND ATTACHMENTS (CONTINUED)

61. Unload materials with draglines

10

62. Work faces with power shovels

11

NOTE: If any task you perform under this duty is not listed,
write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 53 OF 64 PAGES

<p>1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.</p>	Check	TIME SPENT Current Job	
<p>V. OPERATING MISCELLANEOUS EQUIPMENT</p>	<p>✓ IF DONE NOW</p>	<p>1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE</p>	
1. Collect refuse using Demsey Dumpster trucks			12
2. Collect refuse using Loadal trucks			13
3. Collect refuse using refuse packer trucks			14
4. Connect or disconnect tractors from trailers			15
5. Escort or arrange for escort of equipment in transit			16
6. Flag equipment or post wide load signs			17
7. Free stalled or mired equipment			18
8. Haul and dump refuse at sanitary fills			19
9. Haul construction equipment under emergency conditions such as fires			20
10. Haul construction equipment using lowboys			21
<p>* * * * *</p>			
11. Haul construction equipment using tilt bed trailers			22
12. Haul equipment or personnel on buses			23
13. Haul equipment or personnel using cargo vehicles			24
14. Load or unload construction equipment from lowboys			25
15. Load or unload construction equipment from railroad cars			26
16. Load or unload construction equipment from tilt bed trailers			27
17. Operate aerial trams			28
18. Operate pole masters			29
19. Operate rock pickers or beachcombers			30
20. Perform operator inspections or maintenance on cargo vehicles, tractor trailers, or buses		31	
<p>* * * * *</p>			

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PA 54 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE. 5. SLIGHTLY ABOVE AVERAGE. 6. ABOVE AVERAGE. 7. VERY MUCH ABOVE AVERAGE.

V. OPERATING MISCELLANEOUS EQUIPMENT (CONTINUED)

21. Perform operator inspections or maintenance on refuse collection equipment	32		
22. Perform periodic sanitization of refuse collection equipment	33		
23. Position Demsey Dumpsters or Loadals for collection	34		
24. Position trailers for loading or unloading	35		
25. Prepare equipment for air transport	36		
26. Sanitize refuse containers after dumping	37		
27. Secure loads to vehicles	38		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 55 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

W. PERFORMING SNOW REMOVAL FUNCTIONS

1. Add or remove ballast to snow plows	39		
2. Clear equipment from runways	40		
3. Clear open areas with air blast snow sweepers	41		
4. Coordinate runway or taxiway snow removal with tower operators	42		
5. Coordinate with weather officers for expected snow quantities, temperatures, or winds	43		
6. Designate snow dump areas	44		
7. Hand clear snow or ice from sidewalks	45		
8. Install or remove snow fences	46		
9. Install or remove snow plows from trucks, graders, or tractors	47		
10. Install or remove tire chains	48		
* * * * *			
11. Load windrowed snow with bank rotary snow plows into trucks	49		
12. Load windrowed snow with front end loaders into trucks	50		
13. Load windrowed snow with self propelled conveyors into trucks	51		
14. Mark locations of runway lights	52		
15. Perform operator inspections or maintenance of snow removal equipment	53		
16. Prepare or remove snow plow equipment for summer storage	54		
17. Remove ice with under body scrapers	55		
18. Remove snow or ice with crawler type tractors	56		
19. Remove snow or ice with front end loaders	57		
20. Remove snow or ice with graders	58		

* * * * *

(Continued next page)



JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 56 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

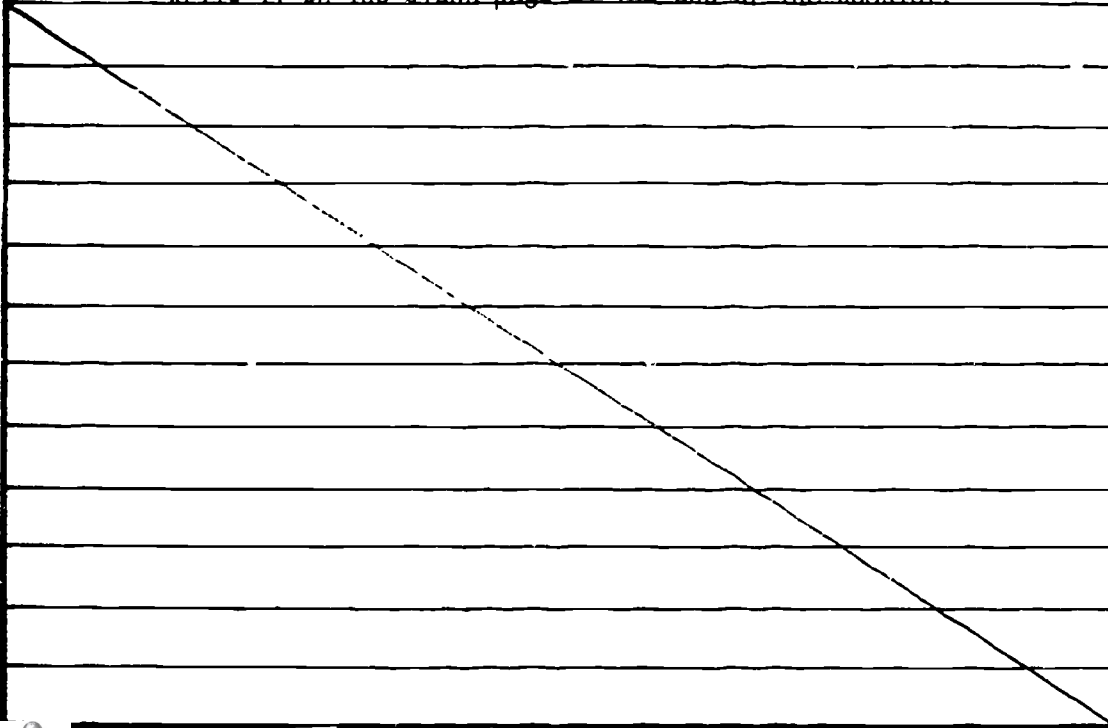
Check	TIME SPENT Current Job
✓	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

IF
DONE
NOW

W. PERFORMING SNOW REMOVAL FUNCTIONS (CONTINUED)

21. Remove snow or ice with industrial tractors and blades	59		
22. Remove snow with bank rotary snow plows	60		
23. Remove snow with combination snow plows	61		
24. Remove snow with rollover snow plows	62		
25. Spread chemicals or abrasives over ice or snow covered areas by hand	63		
26. Spread chemicals or abrasives over ice or snow covered areas with fertilizer spreaders	64		
27. Spread chemicals or abrasives over ice or snow covered areas with rotary sand spreaders and dump trucks	65		
28. Stockpile snow using crawler type tractors	66		
29. Transport snow	67		
30. Unload snow from dump trucks	68		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.



JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 57

OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BE- LOW AVERAGE.
	4. ABOUT AV- ERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

X. RIGGING HOISTING EQUIPMENT

1. Chock materials with wedges	69
2. Clean or store fiber ropes	70
3. Clean wire rope cables	71
4. Construct A frames	72
5. Construct cableways	19:73
6. Construct derricks	5
7. Construct gin poles	6
8. Construct tripods	7
9. Drive stakes by hand	8
10. Install anchors or dead men	9
* * * * *	
11. Install clips on wire rope cables	10
12. Lift or lower equipment using A frames	11
13. Lift or lower equipment using cableways	12
14. Lift or lower equipment using derricks	13
15. Lift or lower equipment using gin poles	14
16. Lift or lower equipment using tripods	15
17. Load or unload equipment using block and tackle	16
18. Load or unload equipment using jacks	17
19. Load or unload equipment using skids	18
20. Mouse hooks	19
* * * * *	

(Continued next page)



JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 59 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE. 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE

Y. PERFORMING MISSILE SUPPORT FUNCTIONS

1. Attach or remove safety lanyards	25
2. Connect or disconnect potato mashers to hook blocks	26
3. Connect or disconnect static grounds	27
4. Coordinate with other agencies on missile refurbishment	28
5. Hand signal crane operators for positioning equipment or personnel in launch tubes	29
6. Load and position ring and suspension systems in launch tubes	30
7. Load and position special equipment such as generators or chilling units in equipment levels	31
8. Load equipment into launch tubes during refurbishment	32
9. Load or remove personnel into or from launch tubes for prehardening or pulling safing pins	33
10. Load personnel into launch tubes during refurbishment	34
* * * * *	
11. Lower or raise equipment through personnel access hatches (PAH)	35
12. Lower or raise load and level fixtures in launch tubes	36
13. Move equipment within launch tubes during refurbishment	37
14. Move personnel in launch tubes during prehardening or safing pin pulling	38
15. Move personnel within launch tubes during refurbishment	39
16. Perform flood control on missile sites	40
17. Perform preflight tests on launch mounts	41
18. Raise or lower personnel in launch tubes using potato mashers	42
19. Remove or replace launch control facility (LCF) water well liners	43
20. Remove or replace launch mounts on thor pads	44

* * * * *

(Continued next page)

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 60 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BELOW AVERAGE.
	2. BELOW AVERAGE.
	3. SLIGHTLY BELOW AVERAGE.
	4. ABOUT AVERAGE.
	5. SLIGHTLY ABOVE AVERAGE.
	6. ABOVE AVERAGE.
	7. VERY MUCH ABOVE AVERAGE.

Y. PERFORMING MISSILE SUPPORT FUNCTIONS (CONTINUED)

21. Remove or replace telemetry antennas on minutereman sites	45		
22. Remove ring and suspension systems from launch tubes	46		
23. Remove special equipment such as generators from launch tubes	47		
24. Rig tag lines on baskets or equipment	48		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 61 OF 64 PAGES

1. Check tasks you perform now (✓). 2. Add any tasks you do now which are not listed. 3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.	Check	TIME SPENT Current Job
	✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE
2. OPERATING WELL DRILLING EQUIPMENT		
1. Adjust well drilling pull-down pressures		49
2. Case drilled holes		50
3. Construct check dams for mud drilling		51
4. Dig slush pits for mud drilling		52
5. Erect and lock drill masts in place		53
6. Free and recover stuck drills		54
7. Grout and seal casings		55
8. Install or remove rock drill extensions		56
9. Install well screens		57
10. Level well drilling equipment		58
* * * * *		
11. Maintain drill logs		59
12. Mix mud with mud pumps		60
13. Mount drills on cribbing		61
14. Operate rock drills		62
15. Operate well logging equipment		63
16. Perform operator inspections and maintenance on well drilling equipment		64
17. Plug wells		65
18. Position well drilling equipment		66
19. Prepare drilling mud		67
20. Prepare geological data reports		68
* * * * *		
(Continued next page)		

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 62 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BELOW AVERAGE
	2. BELOW AVERAGE
	3. SLIGHTLY BELOW AVERAGE
	4. ABOUT AVERAGE
	5. SLIGHTLY ABOVE AVERAGE
	6. ABOVE AVERAGE
	7. VERY MUCH ABOVE AVERAGE

Z, OPERATING WELL DRILLING EQUIPMENT (CONTINUED)

21. Pull drill steel	69		
22. Remove or replace drill bits	70		
23. Remove or replace mud lines	71		
24. Set rotary drill landing jacks	72		
25. Test water bearing strata for yield	20:73		
26. Wash down well drilling surface casings	21: 5		

NOTE: If any task you perform under this duty is not listed, write it on the blank page at the end of the booklet.

➔ GO TO PAGE IX AND FOLLOW PROCEDURE B.

➔ WHEN YOU HAVE COMPLETED ALL RATINGS IN THIS COLUMN PAGES 1-62 YOU WILL HAVE COMPLETED THIS USAF JOB INVENTORY, AND YOU MAY TURN THIS BOOKLET IN TO YOUR TEST CONTROL OFFICER.

JOB INVENTORY
(DUTY - TASK LIST)

AFSC 551X0/1

PAGE 63 OF 64 PAGES

1. Check tasks you perform now (✓).
2. Add any tasks you do now which are not listed.
3. In the "Time Spent" column, rate checked (✓) tasks on time spent in your present job.

Check	TIME SPENT Current Job
✓ IF DONE NOW	1. VERY MUCH BE- LOW AVERAGE. 2. BELOW AVERAGE 3. SLIGHTLY BE- LOW AVERAGE. 4. ABOUT AVERAGE 5. SLIGHTLY ABOVE AVERAGE 6. ABOVE AVERAGE 7. VERY MUCH ABOVE AVERAGE

