

POSITION DESCRIPTION

1. Agency PDCN 80109

2. Reason for Submission Redescription New Reestablishment Other Explanation (Show Positions Replaced)	3. Service HQ Field X	4. Empl Office Location	5. Duty Station	6. OPM Cert #
		7. Fair Labor Standards Act Not Applicable	8. Financial Statements Required Exec Pers Financial Disclosure Employment & Financial Interests	9. Subject to IA Action Yes X No
		10. Position Status Competitive Excepted (32 USC 709) X SES (Gen) SES (CR)	11. Position is Supervisory Managerial Neither X	12. Sensitivity Non-Sensitive Noncritical Sens Critical Sens Special Sens

15. Classified/Graded by
 a. US Office of Pers Mgt b. Dept, Agency or Establishment X c. Second Level Review d. First Level Review

Official Title of Position	Pay Plan	Occupational Code	Grade	Initials	Date
Aircraft Ordnance Systems Mechanic	WG	6652	10	rmp	28 Feb 95

16. Organizational Title (If different from official title)	17. Name of Employee (optional)
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18. Dept/Agency/Establishment - National Guard Bureau a. First Subdivision - State Adjutant General b. Second Subdivision -	c. Third Subdivision - d. Fourth Subdivision - e. Fifth Subdivision -
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19. Employee Review. <i>This is an accurate description of the major duties and responsibilities of my position.</i>	Employee Signature /Date (optional)
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20. Supervisory Certification. *I certify that this is an accurate statement of the major duties and responsibilities of this position and its organizational relationships, and that the position is necessary to carry out Government functions for which I am responsible. This certification is made with the knowledge that this information is to be used for statutory purposes related to appointment and payment of public funds. False or misleading statements may constitute violations of such statutes or their implementing regulations.*

a. Typed Name and Title of Immediate Supervisor Signature _____ Date _____	b. Typed Name and Title of Higher-Level Supervisor/Manager (optional) Signature _____ Date _____
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21. Classification/Job Grading Certification: <i>I certify this position has been classified/graded as required by Title 5 USC, in conformance with USOPM published standards or, if no published standards apply directly, consistently with the most applicable standards.</i> Typed Name and Title of Official Taking Action ROGER M. PARRISH Signature _____ Date 28 Feb 95 //signed//	22. Standards Used in Classifying/Grading Position USOPM JGS for Aircraft Ordnance Systems Mechanic, WG-6652, Information For Employees. <i>The standards and information on their application are available in the personnel office. The classification of the position may be reviewed and corrected by the agency or OPM. Information on classification/job grading appeals is available from the personnel office.</i>
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23. Position Review	Initials	Date	Initials	Date	Initials	Date	Initials	Date
a. Employee (Opt)								
b. Supervisor								
c. Classifier								

24. Remarks:
 CRA95-1002

25. Description of Major Duties and Responsibilities (SEE ATTACHED)

a. INTRODUCTION:

This position is located within a National Guard aircraft maintenance organization. Its purpose is to provide on- and/or off-equipment troubleshooting and repair capability of the weapons release and gun systems, and to verify and analyze malfunctions, troubleshoot, test, inspect, and to load and unload conventional munitions, install/remove weapons delivery equipment, launchers, and gun systems.

b. DUTIES AND RESPONSIBILITIES:

(1) Troubleshoots, inspects, overhauls, maintains, and repairs off-equipment weapons control systems and associated equipment. Analyzes performance and isolates malfunctions of on- and/or off-equipment fire control/weapons delivery systems. Operates computerized missile systems to determine operational effectiveness, and analyzes missile system malfunctions, and tracking malfunctions. Isolates faults utilizing technical data, computerized test equipment and digital multimeters. Determines extent of component malfunctions and repairs. Disassembles, assembles, repairs, or replaces mechanical, electrical, and pneumatic mechanisms of the weapons launch and gun systems, utilizing digital electronic weapons system test sets and other associated equipment. Determines scope of repairs needed to bring weapons systems to operational status. Monitors system/equipment performance to detect recurring malfunctions

(2) Loads/unloads, positions, and safeties air munitions using applicable technical data and handling equipment. Tests suspension, launch, and release systems to ensure proper manual/electrical release on equipment. Analyzes on-equipment malfunctions and repairs systems. Performs aircraft weapons systems functional checks utilizing electronic testing equipment and special tools. Tests electronic circuitry for normal operation of the weapons systems and absence of stray electrical power.

(3) Conducts off-equipment troubleshooting and functional checks of integrated weapons control systems to ensure proper manual/electrical release and fire sequence. Performs bench checks to determine extent of repair needed. Accomplishes Time Compliance Technical Orders (TCTOs) and modifications of components and tests for proper operation. Performs scheduled and unscheduled in-use/ in-storage inspections and maintenance of on/off equipment components such as launchers, bomb racks, pylons, launcher adapters, gun systems, and handling equipment. Inspects equipment for serviceability and proper installation on aircraft of components such as suspension devices, launchers, bomb racks and pylons. Performs scheduled/

unscheduled inspections and maintenance of ammunition loading system (UNAL/ALS). Tests, inspects, repairs, maintains, and modifies ammunition loading system. Maintains applicable forms and historical records.

(4) Maintains and reviews publication files of applicable technical orders, regulations, manuals, and local directives. Recommends methods to improve maintenance procedures and equipment. Initiates unsatisfactory equipment and technical order deficiency reports. May be required to serve as a trainer for section personnel, production or quality assurance inspector and bench stock monitor for the work center.

(5) Adjusts, installs, and removes cartridges and squibs for tanks and pylons and chaff/flare systems. Adjusts and installs fuzing devices in explosive air munitions. Removes and installs safing devices on munitions and gun systems. Operates Munitions Maintenance Handling Equipment (MMHE) and loading equipment.

(6) Operates fault detection and digital test equipment. Evaluates pilot trouble reports to determine validity and necessary repair actions. May be required to maintain certification as a weapons load crew chief or load crew member.

(7) May be required to perform additional duties such as launch/recovery, aircraft servicing, fire fighting, crash rescue duty, or serve as a member of a team to cope with natural disasters.

(8) May be required to inspect, troubleshoot, test, and maintain the Aerial Gunnery Target System. Analyzes, isolates and repairs off equipment malfunctions of Aerial Gunnery Target Systems, target sets, digital control displays, and associated equipment utilizing digital electronic test equipment and specialized tools. Services Aerial Gunnery Target System with gaseous nitrogen.

(9) May be delegated authority to clear Red X on aircraft forms.

(10) Performs other duties as assigned.

c. SKILL AND KNOWLEDGE:

(1) Knowledge and appropriate training in functions of inspection, maintenance, installation, modification; and repair of air munitions launch, release, suspension systems, and aircraft gun systems. Working knowledge of the interaction of systems that are integrated with the avionics weapons control systems. Knowledge of troubleshooting procedures and skill in diagnosing problems and determining corrective action. Knowledge of stores management systems multiplex bus and how it interfaces with avionics fire control multiplex bus.

(2) Knowledge of basic electronics, and the principles of physics, mechanics, and pneudraulics as applied to air munitions measuring tools and electronics test equipment, and skill to interpret blueprints, schematics, and wiring diagrams. Working knowledge of assigned computer systems used to document job data and a working knowledge of personal computers.

d. RESPONSIBILITY:

Receives general work assignments from the supervisor in the form of work orders, inspection reports, and verbal instructions. Plans work sequences; selects tools, parts, and technical data; and carries assignments through to completion, referring only unusual and difficult problems to the supervisor. Work is subject to spot check in progress and upon completion for acceptability and adherence to instructions and established standards. Guidelines available for reference include technical orders, manuals, manufacturers' specifications, factory engineering bulletins and local operating instructions.

e. WORKING CONDITIONS:

Works indoors and outdoors, in inclement weather, and on icy, wet, or slippery ramps and aircraft surfaces in temperature and humidity extremes. Subject to dangers from exposure to toxic fumes, high pressure air and fluids, fast actuating aircraft surfaces such as landing gear, speed brakes and flaps. Dangers also include engine noise, jet blast, jet intakes, explosive munitions, electrical voltage cartridge actuated devices, liquid oxygen, fire, aircraft fuels, lubricants, paints, hydrazine, and solvents.

f. PHYSICAL EFFORT:

Physical effort involves climbing, stooping, standing, bending, stretching, working in tiring and uncomfortable positions and in hard to reach places. Requires moderate strenuous physical exertion. Frequently lifts equipment and components up to 40 pounds and occasionally up to 75 pounds.