

**Effectiveness of the Annual Ordnance Maintenance and Inspection Program in Enhancing
Firepower and Mobility Readiness of the Philippine Army Towards
A Public Governance Framework**

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Abstract

The operational readiness of military organizations depends significantly on effective maintenance systems that ensure the serviceability, reliability, accountability, and sustainability of military assets. This study evaluated the effectiveness of the Annual Ordnance Maintenance and Inspection (AOMI) Program in enhancing the firepower and mobility readiness of the Philippine Army and providing a basis for an enhanced Public Governance Framework. Specifically, it assessed Annual Ordnance Maintenance, Annual Ordnance Inspection, firepower and mobility readiness, and public governance, as well as the effect of AOMI on readiness and the influence of readiness on public governance. The study employed a quantitative-descriptive correlational research design using a researcher-developed and validated survey questionnaire administered to personnel directly involved in ordnance maintenance, inspection, mobility maintenance, logistics support, and maintenance management functions at Headquarters Philippine Army. Pearson Product-Moment Correlation was utilized to determine relationships among the major variables. The findings revealed very high levels of Annual Ordnance Maintenance (Grand Mean = 4.47), Annual Ordnance Inspection (4.50), Firepower and Mobility Readiness (4.58), and Public Governance (4.53). The effect of AOMI on Firepower and Mobility Readiness (Composite Mean = 4.63) and the influence of readiness on Public Governance (4.57) were likewise rated very high. The study concluded that effective maintenance and inspection practices strengthen operational readiness, accountability, resource management, and institutional effectiveness. Accordingly, an Enhanced Public Governance Framework was proposed to sustain maintenance governance and organizational performance within the Philippine Army.

Keywords: Public Governance; Annual Ordnance Maintenance and Inspection, Firepower and Mobility Readiness; quantitative-descriptive correlational research, Pearson correlation; Philippines, Asia

