A study on Weapon System logistics support to establish Supply Chain Management services mechanism

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Biography

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Extended Abstract

A weapons system for decades of service time, with increasing task execution, in order to maintain proper service weapon systems must operate, maintain effective logistical operations is necessary as often.

The current military aircraft still in service, for example, due to numerous and complicated logistics system, originally independent of the compatibility and the lack of logistical support to the project, service data collection and sub-contractors of the information can not be fast, effective, made the right circumstances, if the proper maintenance of the standard rate and only marginal in the materials can not effectively support the operation has been a breakthrough, once the materials have to wait for repairs, but can not get through fast and efficient manner, it could lead to the grounding of aircraft waiting high proportion of the material. Therefore, improving the supply of repair materials is to improve the future combat aircraft properly, and the main elements of energy.

This study will be through supply chain management, service data through the collection of weapons systems and sub-contract suppliers of strategic alliances, supported by statistical and simulation techniques in order to make the material more precisely predict demand, and effective control material supply sources, reduce material inventory costs, shorten time to repair equipment for repairs, upgrading weapons systems and thus the proper rate.

Keywords: Post Production Support Planning, Integrated Logistics Support, Supply Chain Management