



Requirement for Wild Weasel Defense Suppression Assets in Reducing Aircraft Attrition

By Robert Henry Haseloff

Biblioscholar Aug 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x7 mm. This item is printed on demand - Print on Demand Neuware - The combat effectiveness of tactical airpower can be assured during a conflict only if attrition is maintained at minimum levels. In today's high threat environment, the Warsaw Pact nations outnumber the NATO allies in front line aircraft by a factor of 2.4 to 1 and have over 1800 surface-to-air missile launchers and 1500 search radar systems. Therefore, we must have an effective and efficient defense suppression capability to effectively accomplish the counterair mission. Effective suppression of enemy radar systems is directly associated with attrition rates of fighter aircraft operating in the vicinity of the forward edge of the battle area (FEBA). The focus of this thesis is to determine if Wild Weasel assets are required during a conflict and ascertain when they become cost effective in reducing attrition of strike aircraft. This study examines three aspects of the suppression of enemy air defense (SEAD) mission. First is the history of electronic combat. This thesis covers the history of aerial electronic combat beginning with the introduction of radar controlled antiaircraft gun and missile systems after World War II. Other...



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