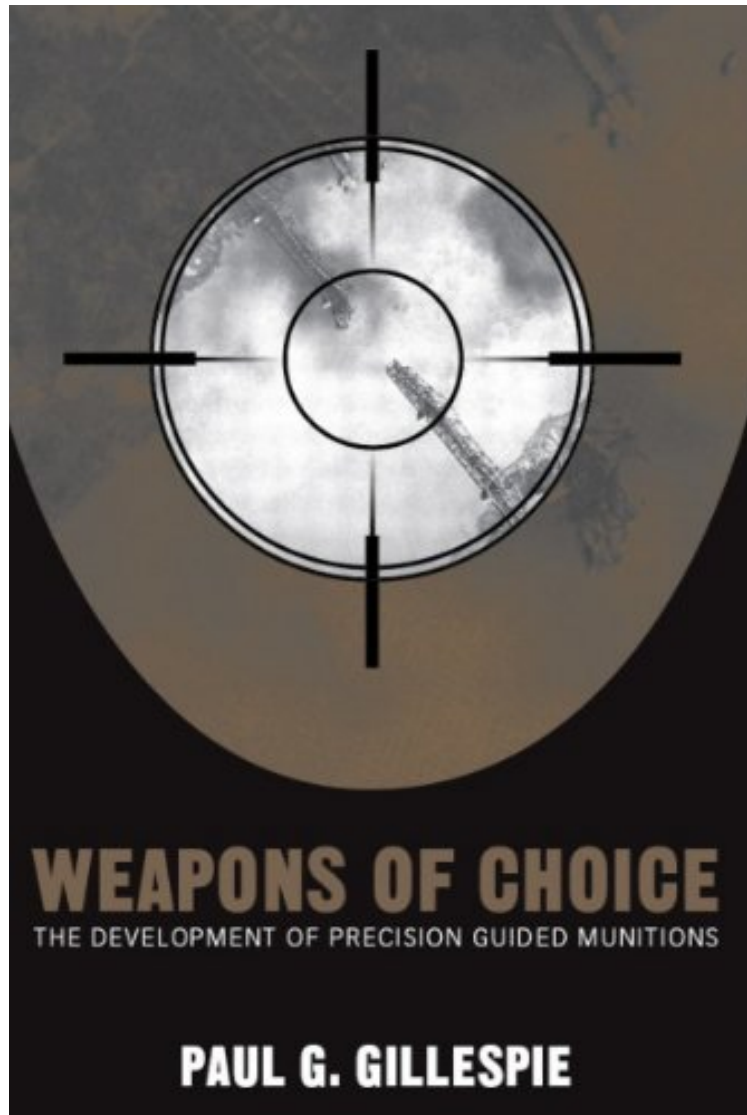


[Pdf free] Weapons of Choice: The Development of Precision Guided Munitions

Weapons of Choice: The Development of Precision Guided Munitions

Von Paul G. Gillespie

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Von Paul G. Gillespie : Weapons of Choice: The Development of Precision Guided Munitions before purchasing it in order to gage whether or not it would be worth my time, and all praised Weapons of Choice: The Development of Precision Guided Munitions:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. 1/3 Technik, 2/3 PolitikVon Erich RiederDieses Buch beschreibt die Entstehung der lasergesteuerten Paveway

Lenkbombe, genauer die der ersten Generation Paveway I. Paveway ist das Kind einiger weniger Ingenieure, denen es gelungen ist für ein komplexes Problem eine relativ einfache Lösung zu bringen. Die Story ist eingebettet in die Historie der Präzisionsmunition seit Beginn des Einsatzes des Flugzeugs als Waffensystem. Der große Teil beschäftigt sich jedoch mit den politischen Implikationen und neuen Möglichkeiten des Luftkriegs, mit erfüllbaren und nicht erfüllbaren Erwartungen. Insgesamt ist das Buch absolut lesenswert.

Kurzbeschreibung History and deployment of smart weapons. In the United States, efforts to develop precision guided munitions (PGMs) began during the First World War and resulted in an 'aerial torpedo' by the 1920s. While World War II was dominated by large-scale strategic bombing essentially throwing out tons of free-falling munitions in the hope they hit something important both sides in the war worked to develop airborne munitions that could be steered toward a target. However after that war, U.S. national security policy focused on the atomic bomb, hardly a weapon that needed to be directed with accuracy. The cost of emphasis on atomic weapons was revealed in the general unsuitability of American tactics and weapons deployment systems during the Vietnam War. Lessons learned in that conflict, coupled with rapid technological developments in aerodynamics, lasers, and solid-state electronics, brought air power dramatically closer to the "surgical strike" now seen as crucial to modern warfare. New technology created attractive choices and options for American policymakers as well as field commanders, and events in the Arab-Israeli wars, the U.S. raid on Libya, and most dramatically in the first Gulf War created an ever-increasing demand for the precision weapons. The prospect of pinpoint delivery of weapons right to the enemy's door by speeding aircraft seems to presage war in which the messy and politically risky deployment of ground troops is unnecessary. The potential of such weapons, and their strategic limitations, made the Gulf War and Iraqi War living theater for assessing what such weapons can and cannot do and have important implications for planning for future warfare.