# Army Tactical Missile System and Fixed-Wing Aircraft Capabilities in the Joint Time-Sensitive Targeting Process

By Henry T. Rogers

BiblioScholar. Paperback. Book Condition: New. Paperback. 102 pages. Dimensions: 9.7in. x 7.4in. x 0.2in.Joint publications list fixed-wing aircraft and Army tactical missile system (ATACMS) as the two preferred weapon systems for engaging time-sensitive targets (TSTs), but do not give specific considerations. This thesis comprehensively lists the capabilities and limitations of ATACMS, guided multiple-launch rocket system (GMLRS) Unitary, and fixed-wing aircraft in the six phases of the F2T2EA process: find, fix, track, target, engage, and assess. The Target Phase assessment includes deconfliction, effectiveness, responsiveness, range, accuracy, threat, and risk of employment factors. TST operations from the major combat operations of Operation Iraqi Freedom give a historical account of the performance of both weapon systems. A capabilities analysis of fixed-wing aircraft and Army rockets and missiles provides the foundation for an attack guidance matrix that helps TST planners choose the best weapon system for a given tactical scenario. Fixed-wing aircraft employing joint direct attack munition (JDAM), laser-guided bombs (LGBs) and cannon, can engage a much wider variety of targets and their sensors are useful in the other five phases. ATACMS and GMLRS Unitary are more survivable and have the potential to be more responsive. A joint TST process needs both weapon systems,...

READ ONLINE
[ 1.89 MB ]

## Reviews

*The book is fantastic and great. It generally does not expense excessive. Its been designed in an exceptionally easy way and it is simply right after i finished reading through this book by which really changed me, change the way i think.*
-- Adolfo Lindgren

*An exceptional ebook along with the typeface employed was intriguing to see. It really is simplistic but surprises within the fifty percent of the ebook. It is extremely difficult to leave it before concluding, once you begin to read the book.*
-- Brian Miller