

MILITARY LASER TECHNOLOGY FOR DEFENSE TECHNOLOGY FOR REVOLUTIONIZING 21ST CENTURY WARFARE

Apr 20, 2021



[Military Laser Technology For Defense Technology For Revolutionizing 21st Century Warfare](#)

Military Laser Technology for Defense Technology for Revolutionizing 21st Century Warfare Alastair D. McAulay
Lehigh University, Bethlehem, PA

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Military Laser Technology for Defense: Technology for Revolutionizing 21st Century Warfare 6.3.1.2 Dielectric Mirrors and Filters for Multiple Frequencies To protect eyes, military goggles and windshields highly reflect light at the major laser weapon frequencies (Section 8.1.3).

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Alastair D. McAulay: Military Laser Technology for Defense: Technology for Revolutionizing 21st Century Warfare. John Wiley & Sons, New Jersey 2011, ISBN 978-0-470-25560-5. Weblinks. Federation of American Scientists: Directed Energy Weapons (english) White Sands Missile Range – High Energy ...

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Its laser beam can cut through a 5mm steel sheet from 1km away, or five layers of 2mm steel sheets from 800m away, according to its developer China Poly Technologies. It was first unveiled at the ...

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Military technology advances frequently pave the way for advances that benefit society during periods of peace. Perhaps one of the most iconic examples can be found in the U.S. and Soviet space programs of the 1950s and 1960s. The same V2 rockets that Nazi Germany had used to terrorize London during World War II became the basis of both the U.S. and Soviet space programs.

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When the first laser was invented the idea of using it as a superweapon seemed like science fiction. Almost 60 years later and it still seems that way, despite a remarkable degree of progress.

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