



U.S. AIR FORCE

Air Force



USAF

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NEW MISSION/TECHNOLOGIES



- **Air Force Frangible Munitions**
 - Only cost effective solution to environmental problems
 - Eliminates environmental, health, and most safety problems
 - Executive Order 12856, Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements do not exempt US Military services
 - Frangible currently approved for 9mm and 5.56mm only
 - Limited to training use only
 - Accuracy at 25 meters is indistinguishable between lead based and frangible
 - Air Force is currently interested in 12 gauge and 7.62mm frangible for use at 10 meter targets and increased accuracy at greater distances



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NEW MISSION/TECHNOLOGIES



- M4 Carbine (burst mode)
 - Currently proposed for Air Force Group A personnel who arm daily in performance of duty
 - Approximately 40,000 personnel
 - A “dot reflex” optic being considered versus iron sights
 - Quicker target acquisition
- M240B machine gun
 - First deliveries in FY 02
 - Replaces outdated M60 machine gun



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AREAS OF INTEREST



- Counter stand-off weapons and enemy forces in all weather conditions during day or night
- See around corners and out of defilade positions without exposure to enemy fire
- Rapidly locate, in real time, the origin of sniper/indirect enemy fire and counter this threat
- Engage enemy targets with improved accuracy, lethality, and at increased ranges with individual and crew served weapons
- Discriminate between friendly, enemy, and noncombatant personnel, in real time
- Directed energy weapons for non-lethal missions, such as laser, acoustic, pulse, microwave, etc