



## Security & Emergency Management

### Client

United States Air Force

### Location

Europe & Colorado

*"Let me take this opportunity to thank you for a job well done. You and the rest of the CH2M HILL team exhibited the highest level of professionalism in every aspect of this complicated AT/FP project."*

Basil Zibdawi, HQ USAFE/CECH,  
Ramstein, Germany, 2003

## Antiterrorism/Force Protection (AT/FP) Master Plan

### Project Description

CH2M HILL developed a GIS-based tool to evaluate AT/FP compliance for U.S. Air Forces Europe (USAFE) in 22 building categories. We also performed compliance surveys of over 700 critical buildings throughout the command. An assessment of each facility's AT/FP construction standards, concept-level designs and construction cost estimates for several mitigation, and corrective solutions were also completed. In addition, CH2M HILL supported USAFE in beddown planning, construction and planning document review, blast analysis evaluation, blast mitigation design, regulatory analysis, and deviation request support.

CH2M HILL also prepared an AT/FP master plan for the U.S. Air Force Academy, addressing sensitive issues to balance security with Air Force training requirements and public access to this hallmark installation. Planning charrettes were conducted to facilitate consensus among project stakeholders and to provide a forum for brainstorming and incorporating comments. The resulting recommendations included zoning the installation, or designating enclaves, in order to separate public and restricted access areas, reconfiguring roads and parking to establish safe standoff distances at existing facilities, and upgrading entry control facilities. The upgrades included hardened guardhouse structures, vehicle barriers, a new entry road configuration, a guardhouse, and other related enhancements that are in compliance with current AT/FP and Entry Control Facility (ECF) Design Guide requirements.