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Detection and Countermeasures Radio Countermeasures

Standard Electronic Attack Clearance Request for Ranges

Authors: [RANGE COMMANDERS COUNCIL WHITE SANDS MISSILE RANGE NM](#)

Abstract: Electronic Attack (EA), formerly known as Electronic Countermeasures (ECM), includes both electronic jamming and **chaff** dispensing operations. EA is a subdivision of Electronic Warfare, which also consists of Electronic Protection (EP) and Electronic Warfare Support (ES). EA in the United States is an important element of DOD weapons systems testing and military training. The purpose of this document is to furnish guidance on the procedures for obtaining EA clearance for operations on U.S. ranges and within adjoining areas of restricted military air space. EA operations often require the sharing of bands used or controlled by other agencies. Because of the disruptive nature of EA and the serious consequences of uncontrolled EA on safety-of-life systems such as air and sea navigation and air-traffic control, special coordination requirements have been instituted for obtaining EA authorization. Agencies of major concern are the Federal Communication Commission (FCC), which has jurisdiction over commercial and private spectrum operations, and the Federal Aviation Administration (FAA), which regulates flight safety. EA may be performed only under the condition that it not cause harmful interference to other authorized users of the spectrum, especially to safety-of-life systems such as air-traffic control and air/sea radio-navigation systems. Specific procedures for coordinating and obtaining authorization for Electronic Attack have been developed in formal agreements between Department of Defense (DOD) and other federal agencies and are documented and disseminated via the Chairman of the Joint Chiefs of Staff Manual CJCSM 3212.02A, dated 11 Mar 02, titled Performing Electronic Attack in the US. and Canada for Tests, Training and Exercises. A memo outline and instructions for requesting electronic attack clearance, on and around U.S ranges, are included in Appendix B.

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