Electronic warfare (EW) is defined as “military action involving the use of electromagnetic and directed energy to control the electromagnetic spectrum [EMS] or to attack the enemy.”\(^1\) EW consists of three divisions: electronic attack (EA), electronic protection (EP), and electronic warfare support (ES). EW contributes to the success of information operations by using offensive and defensive tactics and techniques in a variety of combinations to shape, disrupt, and exploit adversarial use of the EMS while protecting friendly freedom of action in that spectrum. During combat operations, the commander, Air Force forces (COMAFFOR)/joint force air component commander (JFACC) is usually designated as EW control authority (EWCA) and jamming control authority for the employment of EW assets, associated policy, and processes in the joint operations area. The COMAFFOR/JFACC typically stands up an EW coordination cell to employ EA to negate an adversary’s effective use of the EMS by degrading, neutralizing, or destroying combat capability. To deconflict intended effects, the following activities should be closely coordinated: EA, EP, ES, offensive cyberspace operations, offensive space control, military deception, operations security, and intelligence.

See Annex 3-51, *Electronic Warfare*, for more information on EW.

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\(^1\) JP 3-13.1, *Electronic Warfare*. 