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Universal Control Box (UCB)
Mini Universal Control Box (Mini UCB)

The Universal Control Box (UCB) (C-12311/AL) is a fully programmable, digitally controlled, electronic countermeasures (ECM) indicator. The UCB was developed to meet the requirement of having one control indicator operate the various pods utilized in the electronic warfare arena. It is capable of controlling up to four ECM, active emitter, and/or chaff pods.

The pods that can be controlled by the UCB include the AN/ALQ-167(V) (ALQ-167) countermeasures set, the AN/AST-6(V) (AST-6) radar emission simulating set, and the AN/ALE-43 (ALE-43) chaff dispensing pod.

The UCB is capable of selecting one of 15 available modes of operation for the ALQ-167 and can select one of 99 different preprogrammed missile simulation scenarios for the AST-6. When used to control the ALE-43, it is capable of selecting one of three different programmable dispensing modes, with an adjustable time option capability in two modes.

The Mini UCB (C-12459/AL) is also a fully programmable, digitally controlled, ECM indicator. However, it can only control either a single ECM or active emitter pod. The Mini UCB was designed and developed to fit into the limited space available on the A-4 aircraft. The location of the control indicator in the current cockpit configuration of the A-4 is unsuitable for the regular UCB. The mini UCB is designed to use the same interface, command, and control circuitry as the regular UCB.

The pods that can be controlled by the mini UCB include the ALQ-167 countermeasures set and the AST-6 radar emission simulating set. The mini UCB is capable of selecting one of 15 available modes of operation for the ALQ-167 and can select one of 99 different preprogrammed missile simulation scenarios for the AST-6.

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http://www.fas.org/man/dod-101/sys/ac/equip/ucb.htm
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