

Multi-Video Inspection Performance: Results of 3 Preliminary UAV Studies

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The briefing contains a summary of three studies. The main objective of the first study was to evaluate the target acquisition performance of a single operator using single and multiple recorded MAV videos. The second study examined the operator's performance and subjective workload for the target detection task involving a computer-generated, synthetic environment used for simulating single and multiple MAV videos. The third study's objective was to compare target acquisition performance using different MAV video display sizes for both single and multiple video presentations.