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**Topic:** Evacuation and Post-Crash Survival: Water Survival Equipment and Rafts

**Title:** WiWaves: Civil Aerospace Medical Institute Wind and Wave Water Survival Research Facility, Project Description, Outlook, and Timeline

**Abstract**

In 2012 the Civil Aerospace Medical Institute (CAMI) began development of plans to replace the aging Water Survival Research Facility. The requirements for the replacement facility were described after looking at the history of water survival research and activities which had taken place at CAMI, the standards and regulations governing aviation ditching and water survival equipment, and projected future needs. This investigation led to the development of the CAMI Wind and Waves Water Survival Research Facility (WiWaves); a facility capable of replicating, in a controlled environment, the most strenuous requirements detailed for aviation water survival safety equipment. This presentation is an overview of those requirements driving the design of the facility and a look at the approved features, capabilities, and initial research plan of the future CAMI WiWaves Facility.