



**Museum of Flight**  
**American Institute of Aeronautics and Astronautics**  
**Retiree Meeting**

**Don't miss what will be a different and fascinating discussion with Robin Charlwood at the Museum of Flight**

**Date:** Saturday, May 17, 2025  
**Time (in-person):** 8:00 (doors open) 8:45 (brunch)-11:00 AM  
**Time (on-line):** 8:45 (Zoom opens, introductions start about 9:00)-11:00 AM  
**Cost:** Pay for brunch or free on Zoom  
**Event Sponsor:** Dave Anderson, American Institute of Aeronautics and Astronautics

**Dam engineer Robin Charlwood will talk about dam safety and parallels with airplane safety**

Robin was generously offered a job at Boeing in 1968 on the SST project but declined and instead went into the field of water resources and hydroelectricity and has worked on life extension and safety of dams on all six non-Arctic continents for the last 50 years. He will talk about some key events and comparisons with the aerospace industry approaches to safety.

Robin will give a quick dam engineering 101 to illustrate the wide variety of designs used around the world and some basic criteria. These days it is accepted that dams have to operate safely for hundreds of years. Each one is different to conform with the natural site conditions. He will review some major historical international dam failures and identify the causes and then describe the recent evolution of dam safety requirements and methodologies in the US. Service life extension and sustainability of dams is increasingly important nowadays and he will discuss some of the deterioration mechanisms and management strategies being applied.

Registration is required to attend either via Zoom or with brunch at the Museum of Flight. If you plan to attend at the Museum of Flight, please try to complete the required registration form by clicking on [this link](#) no later than May 9th, 2025, to accommodate our planning efforts.

Cheers and looking forward to seeing everyone!

Dave Anderson  
John Moore  
Karl Rein-Weston