

## RANGE FLIGHT SAFETY ORIENTATION

**Course:** SMA-AS-WBT-410

**Duration:** 8 hours

This course is designed to give program, project, and Center personnel an understanding of the Range Flight Safety mission, associated policies, processes, requirements, and NASA roles and responsibilities. It defines and discusses the major elements of Range Flight Safety (policy and requirements, flight safety analysis, flight termination systems, and range operations), and briefly addresses associated range safety topics such as flight safety, frequency management, and flight operations for a variety of vehicle types. The course includes the revised NPR 8715.5B, the completely new NASA-STD-8719.25, revised FAA policy for small Unmanned Aircraft Systems (UAS), and advances in commercial space.

While concentrating on NASA Range Flight Safety, the course introduces the audience to the other two primary range safety organizations: Air Force Range Safety and FAA Range Safety. It provides insights to make the working relationship with a range most beneficial for the Range User via a pro-active interface with Range Safety during Program/Project startup, design, and operations to minimize potential delays and costs.

This course can also be presented live by an instructor (SMA-SAFE-NSTC-0074), if requested.

### Target Audience:

- Program, project, and Center personnel with an interest in Range Flight Safety activities
- New Range Flight Safety personnel

