

NASA Range Safety Program  
2007 Annual Report

## NASA Headquarters

The Safety and Assurance Requirements Division at the Headquarters Office of Safety and Mission Assurance provides corporate leadership in the definition and implementation of NASA's agency-wide Safety and Mission Assurance policies, procedures, standards, tools, techniques, and training, including the Agency Range Safety and Expendable Launch Vehicle Payload Safety Programs.

The Headquarters Range Safety Representative and other members of the Office of Safety and Mission Assurance participated in two primary activities in 2007 in support of the Range Safety Program:

- An independent audit of the agency and local Range Safety functions at Kennedy Space Center
- A review and update of NPR 8715.5, *NASA Range Safety Program*

The audit went very well with only a few minor findings that are currently being corrected.

A Range Safety Team meeting—including members from Headquarters Office of Safety and Mission Assurance, Kennedy Space Center, Dryden Flight Research Center, Wallops Flight Facility, and Air Force Space Command—was held in Colorado Springs to kick off the 8515.5 update. Action items from this meeting are being worked before the NPR is submitted for formal review in 2008.

Other activities included support to the following:

- Expendable Launch Vehicle Payload Safety Program
- Range Commanders Council Range Safety Group
- Space Shuttle and Constellation Range Safety Panels
- Training development, including a critique of the Range Safety Operations pilot course
- Support to research and development projects such as the joint advanced range safety system, autonomous flight safety system, and enhanced flight termination system

This annual report contains articles about each of the activities listed above.