

NASA Range Safety Program 2006 Annual Report

TRAINING OVERVIEW

The NASA Range Safety Training program remained a primary focus of NASA Range Safety once again this year. This effort began in 2002 and covers all topics of range safety in detail. These programs address the training needs for range safety personnel and are applicable and available to NASA, the Department of Defense, the Federal Aviation Administration, and the Missile Defense Agency. Final development of all training is almost complete. The final phase of training, the *Range Safety Operations* course, is anticipated to come on-line in 2007. The graphic below illustrates the two-phase development process we used for these courses.

The development strategy originally put in place has served well in reaching critical milestones to date. An original steering group comprised of NASA, the Air Force, and the Federal Aviation Administration provided the foundation for the basic outlines of the courses.

Depending on the course content, the Range Safety Training Group had representatives from NASA Head Quarters, Kennedy Space Center, Dryden Flight Research Center, Wallops Flight Facility, 45th and 30th Space Wings, the Air Force Flight Test Center, the Federal Aviation Administration, the Missile Defense Agency, and members of the Range Commanders Council/Range Safety Group.

These parties were charged with analyzing, designing, and developing the individual course content, leading to delivery at the NASA Safety Training Center. The training center provides implementation and evaluation of the training. This development strategy is shown below.

To date, we've conducted fifteen *Range Safety Orientation* courses with 415 students in attendance, three *Flight Safety Analysis* courses with 45 students in attendance, and one *Flight Safety Systems* course with 15 students. The *Range Safety Operations* course is progressing well, and we anticipate the first course will take place at Wallops Flight Facility in July of 2007. The graphic below shows the schedule for all courses for 2007.