

## NASA Airborne Science Mission Tools Suite

<http://mts.nasa.gov>

The NASA Airborne Science Mission Tools Suite supports the Airborne Science Program (ASP) and the NASA Science Mission Directorate (SMD) Earth Science Division by providing a suite of web-based capabilities to support Airborne Science Missions. The NOAA Shout program will use the Mission Tools Suite (MTS) to assist with the planning, operations, and overall management of airborne missions.

At its most basic, the ASP Mission Tool Suite provides a means for visualizing the position of an aircraft and instruments during the course of the mission. Such information is made more useful when compared with or overlaid upon other datasets and model outputs used for mission planning and science data analysis. Additionally, the ASP Mission Tools Suite is equipped with a chat feature that facilitates real time communication between mission team members during science missions.

A 2012 demo of the ASP Mission Tools Suite can be viewed here: [ASP Mission Tools Suite Demo \(267 MB\)](#)  
Step-by-Step Instructions on how to use Mission Tools Suite for the HS3 Mission can be viewed here: [MTS HS3 Step-by-Step Instructions \(13 MB\)](#)