



**National Advanced Fire & Resource Institute**  
Managed By The U.S. Forest Service

3265 East Universal Way, Tucson, Arizona 85756  
Phone 520-799-8787 • Fax 520-799-8785 • [www.nafri.gov](http://www.nafri.gov)

**To:** Aerial Wildland Firefighting Aircraft Vendors

**Date:** September 5, 2012

**Subject: NAFA Flight Simulation (NFS) Course Announcement**

The National Aerial Firefighting Academy (NAFA) Steering Committee is sending this letter to inform you of an **advanced** session of the NAFA course called the NAFA Flight Simulation course (NFS).

Due to requirements of some aircraft contracts and the large return of participants to the NAFA course, the NAFA Steering Committee is developing an advanced training curriculum utilizing the flight simulators located at the [Wildland Fire Training & Conference Center](#) in Sacramento, California.

Real time fire scenarios are utilized from simple initial attack to complex fire environments allowing the roles of Airtanker, Leadplane, Type I and II Helicopters, SEAT, MAFFS, Water Scoopers, Very Large Airtankers (VLAT's) and Air Tactical crews to fight a fire from simulated cockpits and experience various aircraft emergencies and their responses while over a complex fire airspace.

The McClellan Flight Simulation facility has a total of seven simulation "boxes" that can accommodate 1 lead, 3 airtanker and 3 helicopters configurations. At the same time a small viewing area can seat up to a dozen observers who can witness real time the events occurring in the simulation.

The NFS course is for personnel who have attended the NAFA course and are interested in obtaining advanced level of flight simulation training in the wildland fire airspace environment and to build on the knowledge obtained in the NAFA course.

The NFS course will start at **0800 on Tuesday January 29 and will run through 1700 on Thursday January 31, 2013**. Our Target audience is still the same as NAFA; Airtanker pilots and co-pilots (This includes all 4 ICS types 1-4), Very Large Airtankers, MAFFS, Scoopers, Type I & II helicopter pilots and co-pilots, Air Tactical Pilots, agency lead pilots and ATGS's.

The NFS class size will be limited to 30 total participants. The nominations will be reviewed by the steering committee to ensure a mix of Airtanker Pilots (this includes all types 1-4, SEATS, MAFFS, VLAT, Scoopers), helicopter pilots and Air Attack Group Supervisors.

These 30 participants will be divided into three groups. Each group will rotate through three separate learning environments. One group will be involved in the flight simulations while the second group will be conducting advanced aerial firefighting strategy and tactics sandtable exercises, and the third group will be participating in classroom lecture and exercises. Each day the exercises and information provided will be progressively more advanced in all three learning environments. Some of the classroom lecture/exercises will be on Decision Making in the Low-level environment, System management safety and how to program and use the P25 FM Radio's.

Please provide a list of 1 to 4 individuals from your company who would be interested and able to attend by **November 12, 2012**. Attendance at the NAFA course held in Tucson is a prerequisite to the NFS course. The NAFA Steering Committee will review the entire list of nominees' and select individuals and alternate(s). Maintaining the full 30 participant slots is important to effectively utilize all of the flight simulator boxes. Notification of selections will be made by early December 2012.

There is no tuition for this course, but travel and per diem will be a company expense. Hotel and Motel information can be obtained from several sources, one of which is the Wildland Fire Training and Conference center website:

<http://www.fs.usda.gov/detail/r5/fire-aviation/management?cid=stelprdb5363444>

Each participant will receive a certificate of completion at the end of the course.

Please fax or email your list of nominees using the **nomination form** located on the bottom of the web page **by November 12<sup>th</sup>, 2012**. If you have any questions concerning this course, please contact me at (520) 799-8745, or email; [dkkreiensieck@fs.fed.us](mailto:dkkreiensieck@fs.fed.us). We look forward to hearing from you.

**Please provide direct contact information (email address) for the nominee**, so we may send information directly to the student from NAFRI. Mailings routed through a company address may not be received by the participant in time to meet deadlines.



Donna Kreiensieck  
Course Coordinator  
National Advanced Fire & Resource Institute  
3265 E. Universal Way  
Tucson, AZ 85756  
520/342-6708 cell  
<http://www.nafri.gov/>