

Cooperative Research and Development Agreements (CRADAs)

The Naval Air Warfare Center Aircraft Division Lakehurst, known as NAVAIR Lakehurst, is part of the Naval Aviation Systems Team. NAVAIR research and development programs have produced non-military applications. Examples are:

- Fire-retardant fibers in clothing that save countless lives
- Corrosion prevention compounds that extend the lives of our cars and trucks
- Light-sensitive lenses developed for aircraft crew helmets that bring better vision to those with eye defects
- Improved illness diagnosis from acoustic processing techniques built into scanning equipment.

A CRADA is a legal agreement between a Federal laboratory and a non-Federal partner to cooperatively conduct research or development in a given technical area and share in the technical results derived from the joint effort. The research and development must be consistent with the NAVAIR mission. A CRADA is an excellent mechanism for transferring commercially useful spin-off, spin-on, and dual-use technologies between Federal laboratories and the private sector:

- **Spin-off:** Technologies already developed for defense purposes that demonstrate a potential for nondefense, commercial applications
- **Spin-on:** Nondefense, commercially viable technologies with a potential for defense applications
- **Dual-use:** Technologies under development with both defense and nondefense applications

Under a CRADA, NAVAIR engineers and scientists work on mutually beneficial research and development efforts with their peers in industry, state and local governments, public and private foundations, academia, and other nonprofit organizations. Both partners may contribute resources, services, facilities, and equipment. The non-Federal partner can also contribute funds. NAVAIR cannot contribute funds.

CRADAs frequently revolve around existing intellectual property, which is used directly or expanded upon as a result of the CRADA. Legal rights for existing intellectual property or for intellectual property developed as a result of the CRADAs are determined before the CRADA is issued.

How CRADA Partners Benefit

- Both partners can stretch their research budgets and optimize resources
- Technical expertise, ideas, and information can be shared in a protected environment
- Non-Federal partners have access to a wide range of expertise in many disciplines within the NAVAIR environment
- Both partners can share intellectual property emerging from the effort or they can agree that one partner will retain an exclusive license to patentable research
- NAVAIR can protect information emerging from the CRADA from disclosure for up to five years

To learn how you and your company can take advantage of the capabilities at NAVAIR Lakehurst, contact

Business Development Office

Phone: 732-323-1111; E-mail: LKE-busops@navair.navy.mil

Visit our web site: www.lakehurst.navy.mil

Naval Air Warfare Center, Aircraft Division, Lakehurst, New Jersey 08733

