

16178

TARDEC

UNITED STATES ARMY  
NATIONAL AUTOMOTIVE CENTER

US Army  
**Trailer Industry Day**



Cooperative Research and  
Development Agreements  
(CRADA)

## Report Documentation Page

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# CRADA - Overview

## Cooperative Research and Development Agreement

- **CRADAs**

- Are established between Federal Government Laboratories and commercial partners;
- Facilitate technology transfer between the parties for mutual benefit;
- Help to improve U.S. competitiveness;
- Allow industry partner to contribute resources such as personnel, services, property and funding to the effort. The government can contribute all the above, except funding.

# CRADA - Features & Benefits

- **Quick** - typically be established within 60 days of initiation.
- **Flexible** -leveraging of resources including funding, facilities, equipment, and knowledge. Each party pays for their own tasks under a very flexible Statement of Work.
- **Mutually Beneficial** - created to encourage and facilitate cooperative R&D, with industry interests as the focus and technology transfer as the goal. The commercial partner generally has the first option to exclusively license technology which the Army invents under the CRADA.
- **Safe** - proprietary information is protected at all times. All intellectual property developed under the CRADA belongs to the inventing party.
- **Simple** - conditions and basic rights of each party are set forth in clear and simple language. There are no matching funds mandated under a CRADA.

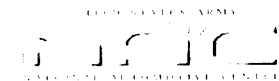
# CRADA – Current Agreements

- Akzo Nobel Coatings
- Alion Science & Technology
- Alberici Constructors
- Altair Engineering
- American Trucking Assoc.
- Automation Alley
- BLV Motorsports
- Boeing/McDonnell Douglas
- Columbia University
- Deere & Company
- Delphi
- Detroit Public Schools
- EDS Unigraphics
- Evans Cooling Systems
- Exide Corp.
- General Dynamics Land Systems
- General Motors Corp.
- Georgia Tech Research Corporation
- Heart International
- Holographic Imaging
- Ibis Tek
- JME, Inc.
- Klune Industries
- MSC.Software
- National Biodiesel Board
- Onodi Tool & Engineering
- Permo Drive
- RaeBeck Automotive
- Scitech Industries
- Smiths Aerospace
- United Defense
- Water Visions International
- Wayne State University
- William Beaumont Hospital

# CRADA – Web Sites

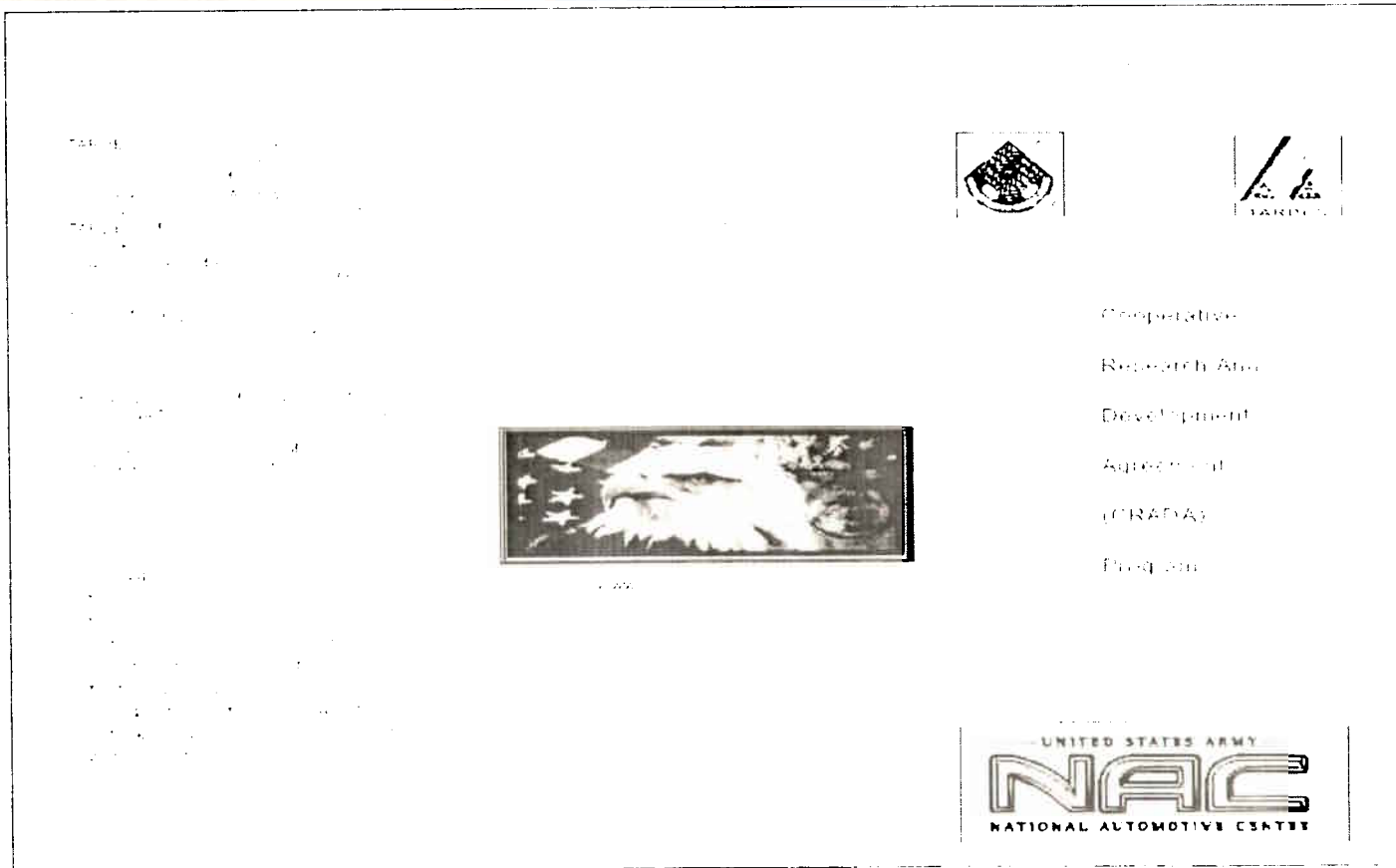


<http://www.tacom.army.mil/tardec/nac/collaboration/home.htm>



<http://erc.tacom.army.mil/start/engstart/sibrcrada.ppt>

# CRADA – Info Tri-Fold



# TACOM Facilities & Technical Opportunities

## TACOM Facilities

- Fabrication Facility
- Electrical Lab
- Propulsion Lab
- Robotic Engineering Lab
- Air Flow Test Facility
- Vetronics Lab
- IR Imaging Lab
- Fuels & Lubes Lab
- Motion Base Simulator
- High Performance Computing
- Advanced Collaborative Environment

## Technical Opportunities

- Fuel Efficiency
- Vehicle Modernization
- Vehicle Driver and Crew Safety
- Maintenance and Logistics
- Innovative Manufacturing
- Simulation & Virtual Reality



# Working With The NAC

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Visit [www.tacom.army.mil/tardec/nac/partner.htm](http://www.tacom.army.mil/tardec/nac/partner.htm) on the web!