

NATC Vehicle Technology Demonstration Frequently Asked Questions (FAQs)

1. What is the Vehicle Technology Demonstration held at NATC?

The NATC Vehicle Technology Demonstration is an active, hands-on, demonstration of vehicle technologies that has been conducted annually at the Nevada Automotive Test Center proving ground facilities near Carson City, Nevada.

This event allows government representatives to observe vehicle technologies in a representative field environment. Each demonstration is tailored to specifically highlight the vehicle's performance and improvements. The modified or improved vehicle systems can be demonstrated against appropriate objectives and compared directly to currently fielded systems where possible. The focus this year is on mobility and survivability technologies. Enhanced mobility and integration of systems to support situational awareness have been proven to be key elements for success in Afghanistan. Mobility and performance demonstrations of a broad range of armored 4 x 4 through 8x8 vehicles will be included. Technology experts will be available to discuss improvements in ballistic materials, blast modeling and simulation, mission definition, mobility, life cycle cost vehicle dynamics modeling, etc

2. When is the NATC Vehicle Technology Demonstration for 2010?

The NATC demonstration will be an all-day operational demonstration on 10 February 2010. This one-day demonstration will be immediately after the 2010 Tactical Wheeled Vehicles (TWV) Conference in Monterey, California. The TWV Conference ends at approximately noon on February 9, allowing time to travel to Reno/Sparks/Carson City, Nevada. NATC will be frequently updating our demonstration plans at our website (www.natc-rodeo.com).

3. Which government organizations will participate in the demonstration?

Representatives from the Army, Marine Corps, Office of Naval Research, Department of Homeland Security and other government agencies are scheduled to attend.

For 2010, the plan is to have an exclusive demonstration for government personnel. Demonstrating companies can invite their own Government customers through the NATC registration process. Foreign government representatives who have provided necessary paperwork prior to the event are also welcome.

4. How do I register and plan my demonstration?

NATC has responsibility to conduct a well organized and informative demonstration that ensures maximum effectiveness for all participants. The objective is to demonstrate the vehicle in an operational scenario and to demonstrate new improvements. The focus of the 2010 demonstration is wheeled vehicles with increased threat protection, autonomous robotic vehicles and maintenance enhancement technologies.

All activities at the demonstration site will be coordinated and managed by NATC. Demonstration logistics and details will be handled by Shirley Parnell, telephone (775) 691-6890, email sparnell@nadc-ht.com. Close coordination with NATC is required and early contact is encouraged.

5. How do I insure that I have all of the support that I need from NATC?

NATC is a fully staffed independent proving ground. Facilities range from validated mission profiles from Iraq to environmental chambers to weapons firing ranges to skid pads. NATC can provide payload, drivers, mechanics, etc. as required to support the demonstration, on a case-by-case basis.

Not all facilities can be made available to all participants simultaneously. Therefore, potential participants are invited to contact NATC as early as possible to discuss how best to demonstrate their vehicle and determine the level of support needed. Access to demonstration areas will be provided on a first come, first served basis.

6. Can NATC provide qualified operators and maintenance personnel to support my demonstration?

NATC has qualified operators, maintenance and engineering support personnel for all of the vehicle system types. NATC has a limited number of spare parts available on site. It is strongly recommended that anticipated spares be brought with the vehicle. This will reduce cost while ensuring best opportunity for demonstration success. NATC can arrange for pickup and return of parts.

7. Can I do a live fire demonstration?

Yes, however this inclusion will require additional advanced planning and cost. All live fire events must be “dry run” prior to the actual demonstration. Selected portions of the live fire will be repeated during the demonstration.

8. How do I get a vehicle to demonstrate our component?

NATC does have a number of vehicles on-site which may be used for component demonstrations or for comparison purposes. This will be handled on a case-by-case basis. Early coordination is required.

9. How do I ship vehicles/hardware to NATC?

When shipping items in support of the demonstration, it is up to each individual company to arrange shipment to and from our facility.

Prior to shipping, please contact Shirley Parnell sparnell@natc-ht.com to advise the ship date, size/weight of the shipment and the carrier. This will assist our receiving department and ensure all items are placed in their designated areas.

Please ship items to the following address:

Attention: Brennan Patterson
Nevada Automotive Test Center
605 Fort Churchill Road
Silver Springs, NV 89429
bpatterson@natc-ht.com
(775) 629-2000

10. What is the cost of the demonstration?

The cost of the demonstration effort will depend upon the level of demonstration desired by the manufacturer. This will be handled on a case-by-case basis. Extra costs to NATC to accommodate demonstrations will be passed through to the manufacturers. We will work with each participating company to ensure that the needs of the demonstration are met while minimizing costs.

11. What supplemental material and data is required to support the demonstration?

At the conclusion of the demonstration, NATC plans to provide guests with a literature package. The intent is to avoid the problem of having each guest carry information with them throughout the demonstration. As such, each participant in the demonstration is requested to provide literature on their vehicle or demonstration item to NATC no later than two weeks prior. Following the demonstration, a DVD will be provided to all guests and participants. The DVD will include any supplemental material submitted by each of the participants as well as video documentation of the various demonstrations as they occurred.

12. What is the minimum preparation I can do to be ready for the demonstration?

NATC will have a dry run of the demonstration on Friday, 5 February 2010, prior to NDIA. Companies must have representatives at the NATC demonstration site that day or have completed a run through prior to that time. Vehicles will have to go through a safety inspection and initial operational assessment prior to any demonstration. Safety will be paramount. If a failure occurs, NATC can support any repairs.

13. How will control and access to the demonstration site, including photographs of the demonstration, be accomplished?

All demonstration material should be on site no later than 4 February 2010. Other than vehicle repairs, no demonstration activities will occur between 8 February and 9 February to allow personnel to attend the NDIA TWV meeting in Monterey, California. Tests and other non-demonstration events will continue during that time.

Identification badges which are color coded to the specific demonstration area will be issued upon initial arrival. A list of representatives attending from each organization must be provided to NATC no later than 19 January 2010.

NATC will provide videotape and still photographs of each presentation. This will be accomplished either during the week of preparation or during the actual demonstration day. This same material will be provided to the government representatives.

There will be no cameras or cell phones with cameras allowed on site during the demonstration.

14. What is the format of the operational demonstrations?

The attendees will be divided into small groups to enhance discussion and decision making and will rotate between demonstrations. Rotations will be approximately 30 minutes each with transition time of 10-15 minutes between stations.

As such, manufacturers will present their demonstration multiple times during the day, explaining the potential impact of the technology and providing a hands-on demonstration to a small group of government representatives.

15. How many people can I bring from my company?

A maximum of four people may attend to support a given demonstration. For companies that are providing multiple demonstrations, a minimum of one person must be made available to support each demonstration.

16. What is the dress code?

NATC requests that civilian attire appropriate for a field demonstration be used by all attendees. Please note that most of the demonstration areas are gravel or rocky. Please wear appropriate shoes for walking.

17. What is the weather like in February?

The temperatures may be in the low to mid 20's in the early morning and can warm up to the 40's and 50's in the afternoon. Precipitation, including rain or snow, is possible.

This is an outdoor event, accordingly layered clothing is recommended including gloves, warm coat, heavy boots, etc. Given this is an off-road operational field demonstration, no handicap provisions are available.

18. Do you have information on NATC's proving ground and hotels in area? How do I get to NATC after the TWV Conference?

A map and directions to NATC will be supplied with your registration package. Hotels in the area include John Ascuaga's Nugget in Sparks, Nevada and at the Gold Dust West Casino in Carson City, Nevada. Ask for the NATC rate ([Room block: Technology Demonstration](#)).

John Ascuaga's Nugget
1100 Nugget Avenue
Sparks, NV 89431
Phone: 800-648-1177
Web address: www.janugget.com

Gold Dust West Casino Resort
2171 Highway 50 East
Carson City, Nevada 89701
Phone: (877) 519-5567
Web address: [www.gdwcasino.com/
carson_city/carson_city.html](http://www.gdwcasino.com/carson_city/carson_city.html)

Reno is an all-weather airport and flights between San Francisco and Reno operate several times per day. Ground transportation over Donner Summit pass (I-80) will be delayed if a storm moves through the Sierra Nevada Mountains.

19. Who is the contact at NATC for the NATC Vehicle Technology Demonstration?

Shirley Parnell - Planning, setup and organization

Email: sparnell@nadc-ht.com

Phone: 775-691-6890

Jill Murwin – General questions

Email: jmurwin@nadc-ht.com

Phone: 775-629-2000 Ext 260

Nevada Automotive Test Center

Phone: 775-629-2000

Fax: 775-629-2029