

ISOF Range 2027 1-Off Demo Form

Note: This is provided only as an example of the information you'll need to provide to register your technology. You will not be able to attach or submit this document. It should only be used as a reference.

Concept of Operation (CONOP)

In one small paragraph, describe what you want to do for your 1-off demonstration (you could also call this your scheme of maneuver).

What is your planned launch/initial flight heading?

What is your intended altitude during the demonstration?

What is your intended airspeed during the demonstration?

Upload a drawing or diagram of the concept of your demonstration

Make sure to address firing positions, location of operator (if remote controlled), routes, start/stop positions, equipping munition location, munition drop location, target(s), distance from audience, any support vehicles, equipment, and anything else that you feel is needed to safely and meaningfully demonstrate your technology.

Munitions / Safety Specific Questions

Please list all potential munitions and their net energetic weight that you do or may want to demonstrate. Include inert and sim munitions if applicable.

What is the range of the munition?

What is the safe standoff for the munition?

Have these munitions been approved for use on a DoW range?

Please provide SDZs or safety data on munitions.

What are your procedures for verifying that all munitions have been expended?

What are your procedures for misfires or duded munitions? Please include any wait times needed for UXO operations.

Frequency Management

Please provide all frequencies that will be used during your demonstration and any frequencies which may interfere with your ability to control or safely detonate munitions.

General Questions

Are any non-U.S. citizens involved in the support or operation of the technology?

From which country(ies)?

Has the requesting user operated on the NTTR before?

When?

Do you have any conflicts or special considerations that need to be accounted for? For example, frequency conflicts with other technologies, technology conflicts, wait times between shots etc.

Do you require any additional items or support equipment? (ex. buckets, tables, pallets, etc.)

Do you require line-of-sight for antennas or any other equipment to operate? If so, what is the range of your antenna(s) and any other restrictions for other technology antenna keep out zones?

What is the intended target for your demonstration? For example: Personnel in the open, light vehicles, anti-material, etc. Note: if it is a target not already on the range, exhibitor must self-provide.

Can your controller unit connect to a standard monitor/display to help showcase the effects to the audience? If so, please bring any ancillary equipment that might be needed to connect equipment to a monitor/TV setup.

Do you require GPS coordinates for existing range targets prior to your 1-off demonstration?

Will you be shipping or providing any special targets for use in your demonstration?

UAS/UGV

Does your 1-Off Demonstration involve a UAS or UGV?