

# ISOF Range 2026 Laser 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.*

---

## Laser Overview

Manufacturer Name

Model Number

Manufacturer Country

Manufacturer Address

Manufacturer City

Manufacturer State

Manufacturer Zip / Postal Code

Nomenclature

Designed IAW MIL-STD-1425A

Has the laser been previously reviewed by a safety board?

Safety Board

Safety Review Board (Other)

Is the laser FDA Compliant?

Accession Number

Submit Board Certification

Describe how laser is armed and how laser is fired. Describe how lasing stops (e.g. release button, timeout, etc.)

## **Emission Sources**

*These fields are required for each emission source on the laser.*

Lasing Medium

Center Wavelength

Primary Function

Secondary Function

Function Explanation

Upload drawing or photo (preferred) showing laser emission source.

*The goal of this image is to clarify the information above.*

## **Laser Setting**

*These fields are required for each emission setting on the laser.*

Device Setting / Mode

Continuous Wave

Single Pulse

Multiple Pulse

Maximum Output Power (W)

Maximum Energy per Pulse (J)

Pulse Width at Half Power (s)

Max Pulse Rep Frequency (Hz)

Distance from Aperture to Waist (cm)

Total Pointing Error (?rad)

Beam Diameter at Aperture (cm)

Beam Diameter at Aperture Profile

Minimum Beam Divergence (mrad)

Minimum Beam Divergence Profile

Beam Diameter at Waist (cm)

Beam Diameter at Waist Profile

Far Field Power / Energy Distribution

Far Field Power / Energy Distribution (Specify)

Far Field Spatial Profile

Far Field Spatial Profile (Specify)