

**From:** "Darin Schick" <Darin@trijicon-inc.com>  
**To:** <jxr4@nrc.gov>  
**Date:** 3/11/04 8:24AM  
**Subject:** FW: Additional questions regarding Trijicon amendment application for luminous gun sights.

Dear Jonathan,

Please see below response to the resonance frequency from Insight.

Thank you.

Sincerely,

Darin W. Schick

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**From:** Margosiak, Ray [mailto:rmargosiak@insight-tek.com]  
**Sent:** Wednesday, March 10, 2004 6:18 PM  
**To:** Darin Schick  
**Subject:** DNS Resonance

Darin;

In reference to the vibration test, each unit was subjected to the NRC requirements of vibrating in each of 3 axis for 10 cycles of 1 minute duration for a total of 30 minutes for each unit. While performing this testing we were unable to find any resonance frequencies of the DNS unit based on the given parameters of 10Hz to 50 Hz with an amplitude of 0.075cm. I had mistakenly stated that the units were vibrated for 30 minutes at resonance in the test report, when in fact they were vibrated for a total of 30 minutes as a result of the 3 axis test. Since resonance was unable to be determined, the vibration test was determined to have been completed.

Ray Margosiak  
Product Manager  
Insight Technology Inc.

-----Original Message-----

**From:** Darin Schick  
**Sent:** Wednesday, March 10, 2004 10:02 AM

To: 'Jonathan Rivera'  
Subject: RE: Additional questions regarding Trijicon amendment application for luminous gun sights.

Dear Jonathan,

Here are some clarifications of your questions:

1. Please see clarified procedure below:

I. Insight supplies a portion of the Insight-F top level assembly as shown exactly on drawing DNS-462 in the "drawings" section of the application.

II. This part is supplied from Insight to Trijicon the WITHOUT Tritium source.

III. Trijicon installs the Tritium source as described in 10.3 pages 6&7/14 of the Application and the sight is labeled as described in section 10.4 page 11/14 of the Application.

IV. This subassembly is then shipped to Insight and they complete the installation as described in "Insight work Instructions."

This procedure is also described in section 10.1 page 3/14 under "Manufacturer / Distributor and model number" in the application. The parts that are shipped to Trijicon from Insight are shown in the "drawings" section:

DNS-462: This part is known to Trijicon as an Insight-F as it comes from Insight.

DNS-465: This part is also known to Trijicon as the Insight-F. This is the completed assembly as shipped to Insight.

DNS-181: This part is known to Trijicon as an Insight-R as it comes from Insight.

DNS-200: This part is also known to Trijicon as the Insight-R. This is the completed assembly as shipped to Insight.

2. Trijicon has contacted Insight to get this information. We will

have an answer soon.

Thank you.

Sincerely,

Darin W. Schick

Engineering Manager

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-----Original Message-----

From: Jonathan Rivera [mailto:JXR4@nrc.gov]

Sent: Tuesday, March 09, 2004 4:52 PM

To: Darin Schick

Cc: J. Bruce Carrico; John Jankovich; Ujagar Bhachu

Subject: Additional questions regarding Trijicon amendment application for luminous gun sights.

Darin,

Per our phone conversation today, can you please provide a response to the additional questions outlined below. If you have any questions, please provide me a time where we can conference call you tomorrow 3/9/04:

1. In our conversation, you stated that the piece that would be distributed to Insight for further installation is exactly like drawing

no. DNS-462, with the tritium source inserted. Please clarify whether this piece is referred to as Model DNS-462 or Model "Insight-F". Note: Page 7 of 14, Figure 1, and pictures on page 4 of 14 of your application, dated February 18, 2004, appear to indicate that the "Insight-F" front sight includes the protective arch assembly, which is not indicated on drawing no. DNS-462 submitted with the application.

2. Please provide the resonance frequency of the units tested during the vibration portion of the prototype testing.

Thank you,

Jonathan Rivera

Materials Safety & Inspection Branch

U.S. Nuclear Regulatory Commission

Phone: (301) 415-5810

Email: [jxr4@nrc.gov](mailto:jxr4@nrc.gov)

**Mail Envelope Properties** (4050687E.B91 : 14 : 43921)

**Subject:** FW: Additional questions regarding Trijicon amendment application for luminous gun sights.  
**Creation Date:** Thu, Mar 11, 2004 8:28 AM  
**From:** "Darin Schick" <[Darin@trijicon-inc.com](mailto:Darin@trijicon-inc.com)>  
**Created By:** [Darin@trijicon-inc.com](mailto:Darin@trijicon-inc.com)

**Recipients**

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Mime.822	23796	

**Options**

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