

<b>Information about the Applicant</b>	
<b>Company Name</b>	GE Security, Inc.
<b>Grantee</b>	GE Security, Inc.
<b>Address</b>	12345 SW Leveton Drive
<b>City, State, Zip</b>	Tualatin, OR 97062
<b>Job Number</b>	ILGX0255
<b>Model</b>	RCR-01
<b>FCC ID</b>	CGGAA2
<b>Agent</b>	Northwest EMC, Inc.
<b>Approval Type</b>	Class II Permissive Change
<b>Equipment Class</b>	DXX Part 15, Low Power Communication Device Transmitter
<b>Rule Part</b>	15.249

**Overview**

The RCR-01 uses doppler radar with an 8-foot range as a motion detector to detect intrusion in an aircraft wheel well while the aircraft is parked. It does not operate during flight. The RCR-01 is a slight variation on the existing series of products. The explanation of those changes has been provided in a letter from the applicant.

**Recommendation**

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

**Signature**

1/3/2005

Dave Tolman, TCB Committee

**Findings**

<b>Opinions</b>	
<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(3)</b>	Installation guide, operating instructions, user manual
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	User Manual.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(4)</b>	Operational description
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Operational Description.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(5)</b>	Frequency block diagram
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Block Diagram.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(6)</b>	Schematic diagram
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Schematics.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(7)</b>	Internal and external photos
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Internal Photos.pdf, External Photos.pdf

<b>Specification Requirements</b>	<b>Description</b>
<b>47 Cfr 2.1033(b)(6)</b>	Conversions showing how the test results were achieved
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Schematics.pdf

Specification Requirements	Description
<b>Required Exhibit</b>	Test Setup Photo Exhibit
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report_ILGX0255.pdf

Specification Requirements	Description
<b>47 Cfr 15.19</b>	Labeling
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	User Manual.pdf, Label.pdf

Specification Requirements	Description
<b>47 Cfr 15.21</b>	Information for user
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	User Manual.pdf

Specification Requirements	Description
<b>47 Cfr 15.33</b>	Frequency range of tests
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report_ILGX0255.pdf

Specification Requirements	Description
<b>47 Cfr 15.35</b>	Measurement detectors
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report_ILGX0255.pdf

Specification Requirements	Description
<b>ANSI C63.4 EUT Ports</b>	All EUT ports populated, emissions maximized, Antenna height adjusted
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report_ILGX0255.pdf

Specification Requirements	Description
<b>47 Cfr 15.203</b>	Antenna Requirements
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report_ILGX0255.pdf

Specification Requirements	Description
<b>47 Cfr 15.207</b>	Power line Conducted emissions
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	There is no provision for connection to the AC mains either directly or indirectly from another device.
<b>Reference</b>	Report_ILGX0255.pdf

Specification Requirements	Description
<b>47 Cfr 15.249</b>	Field Strength of Fundamental
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report_ILGX0255.pdf

Specification Requirements	Description
<b>47 Cfr 15.249</b>	Field Strength of Spurious Emissions
<b>Opinion</b>	The device meets the requirements of the rule.
<b>Discussion</b>	The client has provided the necessary exhibit.
<b>Reference</b>	Report_ILGX0255.pdf