

Nimesh Sangani

From: jclemens@daytonaaircraft.com
Sent: Friday, November 9, 2018 9:04 AM
To: Nimesh Sangani
Subject: RE: Request for more information

There are two units being used in two adjoining hangars. Each hangar is 80x100 feet and constructed of concrete walls with a steel roof. Both units are identical. I authorize you to make the changes, and again I thank you for everything, you have been a great help.

Jake Clemens
Director of Maintenance
Daytona Aircraft Services, Inc.
386-255-2049
<http://www.daytonaaircraft.com/>



From: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Sent: Friday, November 9, 2018 8:21 AM
To: jclemens@daytonaaircraft.com
Subject: RE: Request for more information

Mr. Clemens,

I need confirmation from you before I make changes to your application on your behalf.

- 1) Change ERP from 0.25W to 20 PICO WATT
- 2) Change the Emission from "NOD" to "W7D"
- 3) Change the Emission Designator from "20M0NOD" to "20M0W7D"
- 4) Change the timeframe for license 120 months to 24 months (max allowed)
- 5) Upload "L1V.pdf" and "L2.pdf" to the application

I will get the process going as soon as you respond. And I will upload your response as an exhibit to your application.

Also under the "Equipment Tab" in your application you have number of units listed as two. Are you installing a second GPS Reradiating kit at another facility/location?

V/r,

Nimesh Sangani

From: jclemens@daytonaaircraft.com <jclemens@daytonaaircraft.com>
Sent: Thursday, November 8, 2018 2:31 PM
To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Subject: RE: Request for more information

The info contained in the pdf's is correct, I tried to correct the application but was unable to access it. I filled out the application prematurely without the information I sent to you today. Thank you so much for your assistance in this matter!

Jake Clemens
Director of Maintenance
Daytona Aircraft Services, Inc.
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<http://www.daytonaaircraft.com/>



From: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Sent: Thursday, November 8, 2018 2:28 PM
To: jclemens@daytonaaircraft.com
Subject: RE: Request for more information

Mr Clemens,

I do see the GPS repeater specification sheet that you were able to upload.
I need clarification on the Effective Radiated Power (ERP) before I upload the other two PDFs that you sent. On the online application you have entered have entered 0.25W while the "L1v.pdf" and "L2.pdf" shows a different value. The emission designator in the application is also incorrect. And timeframe for the license can't be 120 months. It has to be changed to 24 months.

V/r,

Nimesh Sangani
Federal Communication Commission
Office of Engineering & Technology
O: (202) 418-2480

From: jclemens@daytonaaircraft.com <jclemens@daytonaaircraft.com>
Sent: Thursday, November 8, 2018 1:21 PM
To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Subject: RE: Request for more information

Thank you, I have all of that information, I just don't know how to supply it to you via the supplied website. I have attached the data here if you can get it to the proper place or tell me how to upload attachments.

Jake Clemens
Director of Maintenance
Daytona Aircraft Services, Inc.
386-255-2049
<http://www.daytonaaircraft.com/>



From: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Sent: Thursday, November 8, 2018 12:47 PM
To: jclemens@daytonaaircraft.com
Subject: RE: Request for more information

Mr. Clemens

GPS re-radiators may only be approved for testing GPS equipment according to strict technical standards. The requirements are listed in the "NTIA Redbook Section 8.3.27". The equipment must meet the power limits specified so that you do not cause harmful interference to nearby critical GPS equipment or airplanes. Please upload an exhibit that shows you meet the power limits. If you are not familiar with these requirements, you should contact the manufacturer or salesman to ensure that your operations will meet these requirements.

Confirmation Number: EL852645

V/r,

Nimesh Sangani

From: jclemens@daytonaaircraft.com <jclemens@daytonaaircraft.com>
Sent: Thursday, November 8, 2018 10:15 AM
To: Nimesh Sangani <Nimesh.Sangani@fcc.gov>
Subject: Request for more information

I do not have the confirmation number or reference number the system is asking for to reply to this request via [The OET Experimental Licensing System](#), followed by clicking on the "Reply to Correspondence" hyperlink. We are simply applying for a license to operate commercially available mil-spec GPS repeaters inside an aircraft hangar for the purpose of testing GPS receivers located inside the hangar. I would be the "stop Buzzer" contact. I have no idea what a link budget calculations that demonstrate that you meet the power requirements is or means, these devices just plug into a standard outlet for power. This link explains what I want to do: <https://cdn.shopify.com/s/files/1/0986/4308/files/FCCExperimentalLicenseInstructions.pdf?1957768567703059892>

Jake Clemens
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