



Lorena.Carvajal@faa.gov

01/09/2009 03:00 PM

To hjriesz@rockwellcollins.com

Theresa.Simpson@faa.gov, timothy.j.pawlowitz@faa.gov,

cc Thomas.Ahn@faa.gov, donald.nellis@faa.gov,

John.Bieker@faa.gov, Juan.Ginart@faa.gov,

bcc

Subject Re: Fw: FAA Coordination for FCC License

Holly:

The FAA CONCURS with the subject application provided that the following condition is included in the FCC application/license:

"It is required that the following FAA facilities be coordinated prior to the operation of any transponder equipment that has **not been certified** as meeting the applicable FAA Technical Standard Orders (TSO):

- Jacksonville, FL Air Route Traffic Control Center (ZJX ARTCC). POC: John Bieker at 904-549-1603, email: 7-ASO-ZJX-SMMC@faa.gov

- Miami, FL Air Route Traffic Control Center (ZMA ARTCC). POC: Juan Ginart at 305-716-1256, email: juan.ginart@faa.gov

- Melbourne, FL System Support Center (MLB SSC). POC: Dale Robinson at 321-723-5452, email: dale.robinson@faa.gov

Coordination will consist of Rockwell Collins advising the ZJX ARTCC, ZMA ARTCC and MLB SSC that:

1. you have an experimental license to transmit on **1090 MHz** for the purpose of developing aircraft transponders;
2. the license requires that you coordinate with ZJX ARTCC, ZMA ARTCC and MLB SSC prior to transmitting;
3. you are operating an uncertified transponder;
4. the location and times of operation;
5. point of contact information that can immediately cease transmissions should the FAA experience anomalies within their radar system. "

Please provide the coordination number **NG T090148** in your application to the FCC as confirmation that you have coordinated with the FAA.

Your original coordination form is attached.

Regards,
LORENA CARVAJAL
Frequency Management Officer
FAA - ESA Spectrum Support Center (AJW-E15G)
(404) 305-6563 phone
(404) 267-3900 cell
(404) 305-6553 fax

hjriesz@rockwellcollins.com

01/05/2009 10:07 AM

To Lorena Carvajal/ASO/FAA@FAA
cc Theresa Simpson/ASO/FAA@FAA
Subject Re: Fw: FAA Coordination for FCC License

Hi Lorena,

Sorry for the response delay, I've just returned to the office from mid-Dec. The responses to your questions are below. If you need any additional information, please let me know.

Thank you & Happy New Year!
Holly

- Transmitter Location: City, State, Latitude and Longitude. Is this location fixed?

Melbourne, FL. 28 05' 10.9" N, 080 38' 27.3" W (NAD83). Yes, it is fixed.

- Receiver Location: City, State, Latitude and Longitude. Is this location fixed?

Melbourne, FL. 28 05' 10.9" N, 080 38' 27.3" W (NAD83). Yes, it is fixed.

- Transmitter 3dB beamwidth and emission class

Omni-directional pattern, Pulse emission (FCC class V1D)

- Transmitter (transponder) equipment nomenclature

TPR-901, TDR-94D, ISS-2100, TSS-4100, Experimental

- Receiver (interrogator) equipment nomenclature

The license request is only for the transponder (not an interrogator).

- Peak output power of interrogator

Max transmitter power is 500W (note this is reply transmit power, it is not an interrogator)

- Modes of interrogation being requested. Note that if Mode-S is requested, I'll forward an additional set of questions

Reply to Mode A/C/S interrogations and transmit Mode S squitters (per RTCA/DO-181C characteristics)

Holly J. Riesz
1300 Wilson Blvd, Suite 200
Arlington, VA 22209
(703) 516-8210
(703) 516-8293 [fax]

Lorena.Carvajal@faa.gov

12/16/2008 12:07 PM

To hjriesz@rockwellcollins.com
cc Theresa.Simpson@faa.gov
Subject Re: Fw: FAA Coordination for FCC License

Holly:

The following information is needed in order to process your request:

- Transmitter Location: City, State, Latitude and Longitude. Is this location fixed?
- Receiver Location: City, State, Latitude and Longitude. Is this location fixed?
- Transmitter 3dB beamwidth and emission class
- Transmitter (transponder) equipment nomenclature
- Receiver (interrogator) equipment nomenclature
- Peak output power of interrogator
- Modes of interrogation being requested. Note that if Mode-S is requested, I'll forward an additional set of questions

Thank you,

LORENA CARVAJAL
Frequency Management Officer
FAA - ESA Spectrum Support Center (AJW-E15G)
(404) 305-6563 phone
(404) 267-3900 cell
(404) 305-6553 fax

Theresa Simpson/ASO/FAA

AJW-E15G, Spectrum Support Ctr - ESA

12/15/2008 09:02 AM

To Lorena.Carvajal/ASO/FAA@FAA, hjriesz@rockwellcollins.com
cc
Subject Fw: FAA Coordination for FCC License

Lorena, this is your action.

Holly, Lorena Carvajal has the action to respond to your request.

Theresa (Terri) Simpson
Manager, ESA Spectrum Support Center, AJW-E15G
Desk: 404-305-6671
Cell: 404-725-2610
Fax: 404-305-6553

----- Forwarded by Holly J Riesz/WashingtonDC/RockwellCollins on 12/11/2008 04:13 PM -----

Holly J Riesz/WashingtonDC/RockwellCollins

12/11/2008 01:18 PM

To mike.bowers@faa.gov

cc

Subject FAA Coordination for FCC License

Hi Mike,

I have taken the place of John Giffit over at Rockwell Collins and we have a license where the FCC is requiring FAA coordination.

Can you please respond with coordination information when you can.

Thank you and happy holidays!!

Holly

Holly J. Riesz
Regulatory Affairs
1300 Wilson Blvd, Suite 200
Arlington, VA 22209
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FAA Regional Coordination Form_100908.doc