

Hankins, Danny

From: White, Anthony [Anthony.White@nmsc.navy.mil]
Sent: Wednesday, July 19, 2006 12:00 PM
To: Hankins, Danny
Subject: RE: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Danny,

I have no problem with you using the email as positive coordination.

Respectfully,

Tony White

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

From: Hankins, Danny [mailto:dhankins@cessna.textron.com]
Sent: Wednesday, July 19, 2006 11:35 AM
To: 'White, Anthony'
Cc: Oliver, Thomas; Pearce, Elvira; Lando, Robert, CIV, AFFMA/DO; Poppenhager, Lori A, Ms, NETCOM; Sanchez, Edwin Mr GARRISON-FSHTX; Swan, Carol, CIV, AFFMA
Subject: RE: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems (UNCLASSIFIED)

Mr. White,

We are grateful for the assistance all of your organizations have provided.

We are checking with the FAA certification personnel to see if they will accept testing on 262.575 and 262.6 MHz as being sufficient for aircraft certification. I anticipate a positive response.

May I use this email as evidence of successful coordination for 262.575 and 262.6 MHz and attach to my application to the FCC for an Experimental License? If not, I would appreciate if you can provide me with something you consider to be appropriate for that purpose.

Very Respectfully,

Danny Hankins
Spectrum Management Services
Cessna Aircraft Company
PN: (316) 517-7053
FAX: (316) 206-8396
Email: dhankins@cessna.textron.com

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

From: White, Anthony [mailto:Anthony.White@nmsc.navy.mil]
Sent: Wednesday, July 19, 2006 8:01 AM
To: dhankins@cessna.textron.com
Cc: Oliver, Thomas; Pearce, Elvira; Lando, Robert, CIV, AFFMA/DO; Poppenhager, Lori A, Ms, NETCOM; Sanchez, Edwin Mr GARRISON-FSHTX; Swan, Carol, CIV, AFFMA

Subject: RE: Coordination Request for UHF EMI/EMC testing of GPS Nav System (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Mr. Hankins,

Regarding the frequencies you are requesting, Navy has no issues with freqs 262.575MHz and 262.6MHz being used as Described however, I spoke with the Military Aeronautical Group (MAG) Chairman regarding the freq 262.550MHz and was informed that, due to concerns for existing operations utilizing the requested freq, she is unable to give concurrence for its use. If a replacement frequency is desired, I recommend going through the local area Spectrum Office for assistance in nominating a replacement freq. If you have any questions please contact me and I will do what I can to assist.

Respectfully,

Anthony C. White
Navy Marine Corps Spectrum Center
Frequency Assignment Officer
Dsn: 221-2802
Cml: 703-325-2802
Nipr: anthony.white@nmsc.navy.mil

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

From: Sanchez, Edwin Mr GARRISON-FSHTX
[mailto:Edwin.Sanchez1@us.army.mil]
Sent: Tuesday, July 18, 2006 12:18 PM
To: 'White, Anthony'; Sanchez, Edwin Mr GARRISON-FSHTX
Cc: Oliver, Thomas; Pearce, Elvira; Lando, Robert Civ AFFMA/DO; Poppenhager, Lori A Ms NETCOM
Subject: RE: Coordination Request for UHF EMI/EMC testing of GPS Nav System (UNCLASSIFIED)

Anthony, this is not my requirement. Mr. Danny Hankins is from the Cessna Aircraft Company all they are trying to do is coordinate with DoD prior to going to the FCC so that they can go to NTIA with the STA. This should be coordinated thru the MAG not NORTHCOM. Pls send the coordination response to Mr. Hankins. Thanks!

Ed

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

From: White, Anthony [mailto:Anthony.White@nmsc.navy.mil]
Sent: Tuesday, July 18, 2006 10:18 AM
To: edwin.sanchez1@us.army.mil
Cc: Oliver, Thomas; Pearce, Elvira; Lando, Robert, CIV, AFFMA/DO; Poppenhager, Lori A, Ms, NETCOM
Subject: RE: Coordination Request for UHF EMI/EMC testing of GPS Nav System (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Ed,

Regarding this request, The Navy has no issues with the use of the freqs 262.575MHz and 262.6MHz as

described however, the freq 262.55MHz per the Channel Plan is a SAT channel. Because of the test location it will require coordination with NORTHCOM.

Respectfully,

Anthony C. White
Navy Marine Corps Spectrum Center
703-325-2802
anthony.white@nmsc.navy.mil

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

From: Pearce, Elvira
Sent: Wednesday, July 12, 2006 8:54 AM
To: White, Anthony
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Tony,

Please take for action. If you have any questions call Senior Chief.

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

From: Oliver, Thomas
Sent: Wednesday, July 12, 2006 8:23 AM
To: Pearce, Elvira
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Elvira,

Since neither Jim Epps or Mark Johnson (our Navy AAG/MAG) are not here, would you take care of this issue? I'm not sure how Mr Hankins obtained my name. I normally do not respond to emails where I am on the CC line, but in the absence of Jim and Mark someone needs to help this gentleman. Thanks.

Tom O.

Thomas N. Oliver
Telecommunications Manager
Navy-Marine Corps Spectrum Center
Cml: 703/325-2832
DSN: 221-2832
email: thomas.oliver@nmsc.navy.mil

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

From: Hankins, Danny [mailto:dhankins@cessna.textron.com]
Sent: Tuesday, July 11, 2006 2:34 PM
To: James Eppts (james.eppts@nmsc.navy.mil)
Cc: Oliver, Thomas; Lando, Robert, CIV, AFFMA/DO; Swan, Carol, CIV, AFFMA; Ed Sanchez (edwin.sanchez1@us.army.mil)
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems

Mr. Eppts,

I have been unsuccessful in attempts to contact you since 28-Jun regarding the attached coordination request. At that time you requested, and I sent to you copies of the Federal Rules & Regulations, which require Cessna Aircraft to perform the described EMI/EMC testing. A copy of that email is attached for your reference. The window for testing the aircraft is imminent. I must now submit an application for an Experimental STA for the time frame of 01-Aug through 15-Sep-2006. As I understand the process, a coordination is required if there is to be any hope of getting the STA granted in time to perform the tests before the aircraft is scheduled to be delivered to the customer.

Please advise as to the status. The timely delivery of this aircraft depends upon an authorization, and is most important to the customer (Government of Greece), and to my company.

Very Respectfully,

Danny Hankins
Spectrum Management Services
Cessna Aircraft Company
PN: (316) 517-7053
FAX: (316) 206-8396
Email: dhankins@cessna.textron.com

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

From: Lando Robert Civ AFFMA/DO [mailto:Robert.Lando@pentagon.af.mil]
Sent: Tuesday, June 27, 2006 7:13 AM
To: Thomas Oliver (E-mail)
Cc: dhankins@cessna.textron.com
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems

Tom,

Per Carol's comments below this seems to be pretty much a Navy coordination issue. Thanks.

Bob
V/r
Robert G. Lando
Action Officer
Air Force Frequency Management Agency(AFFMA) COM (703) 428-1521
DSN 328-1521
NIPR robert.lando@pentagon.af.mil
SIPR robert.lando@affma.af.mil

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

From: Swan Carol Civ AFFMA
Sent: Tuesday, June 27, 2006 8:09 AM
To: Lando Robert Civ AFFMA/DO
Cc: Pitts Edward Civ AFFMA
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems

Bob,

As discussed, this request will need coordination via the Navy MAG member as only Navy assignments appear to have potential impact.

Carol

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

From: Lando Robert Civ AFFMA/DO
Sent: Tuesday, June 27, 2006 7:27 AM
To: Swan Carol Civ AFFMA
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems

Ed called me about this yesterday. Have you seen it before and is this something we usually do, coordinate directly with the user? Just curious.

Bob

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

From: Sanchez, Edwin Mr GARRISON-FSHTX
[mailto:Edwin.Sanchez1@us.army.mil]
Sent: Monday, June 26, 2006 2:47 PM
To: Lando Robert Civ AFFMA/DO
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems

Bob, this is what I sent to Lori she was going to pass this on to Carol for MAG review. Thanks!

Ed

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

From: Sanchez, Edwin Mr GARRISON-FSHTX
Sent: Thursday, June 15, 2006 3:27 PM
To: Poppenhager, Lori A Ms NETCOM
Subject: FW: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems

Lori, pls give me a call in the morning to discuss this request.
Thanks!

Ed

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

From: Hankins, Danny [mailto:dhankins@cessna.textron.com]

Sent: Thursday, June 15, 2006 2:11 PM

To: 'edwin.sanchez1@us.army.mil'

Subject: Coordination Request for UHF EMI/EMC testing of GPS Nav Systems

Mr. Sanchez,

I work for Cessna Aircraft Company, a manufacturer of aircraft. Cessna is requesting coordination for UHF frequencies to use in testing interference from UHF comm radios to GPS Navigation Systems on board the aircraft we sell to DoD (Army, Navy), U.S. Federal Agencies (FBI) and foreign government agencies such as the Saudi Royal Air Force and the HCCA (Greek FAA).

The attached document provides the specifics of our test procedures, equipment and specific frequencies that we are requesting. We are scheduled to begin testing as early as mid July. Please advise soonest as we not only need your coordination, but an FCC license or STA for the first series of tests.

<<UHF GPS Interference.pdf>>

Very Respectfully,

Danny Hankins
Engineer-Sr-D
Spectrum Management Services
Cessna Aircraft Company
dhankins@cessna.textron.com
Phone: (316) 517-7053

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Caveats: NONE

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