



U.S. Department
of Transportation
**Federal Aviation
Administration**

MAR 23 2012

Mr. Andy Leimer
Federal Communication Commission
7435 Oakland Mills Road
Columbia, MD 21046

Dear Mr. Leimer:

The Federal Aviation Administration (FAA), Spectrum Engineering Services Group has received the GARMIN letter dated Mar 8, 2012, notifying the FAA of an application for Federal Communications Commission (FCC) certification of an avionics unit model GMN-00862, with FCC ID: IPH-01246. The request is to certify a remote mounted avionics appliance including a 978 MHz Universal Access Transceiver, a 1090 MHz receiver, and a very low power 1030 MHz Mode A ATCRBS own-ship transmitter.

This avionics unit is intended for operations below 18,000 ft, with a maximum 1030 MHz Mode A interrogation rate of 5 second intervals, that are randomized to prevent synchronization, and with output power that is not strong enough to interrogate any other aircraft. The purpose of the Mode A interrogation is to obtain own-aircraft Mode A code from the reply of the aircraft transponder.

We have no objection to the FCC granting certification for the GMN-00862 avionics, under the conditions described above.

If you require any additional information, please contact Ms. Annette Allender, Electronics Engineer, Spectrum Planning and International Group, at (202) 267-3893 or via e-mail annette.allender@faa.gov.

Sincerely,

Robert A. Frazier
Manager, Spectrum Planning
and International Group

cc:

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