

Aerospace Electronic Systems

Honeywell
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913 782-0400

FCC-06-1213

January 18, 2006

FAA Office of Spectrum Policy and Management AJW-6
800 Independence Avenue SW (Room 715)
Washington, DC 20591

Subject: FAA Notification of Honeywell Application for FCC Certification of MCX-1000A VHF Transceiver

Dear Mr. Oscar Alvarez:

Honeywell International Inc. is currently developing modifications to a VHF transceiver assembly within our Airborne Flight Information System (AFIS) Data Management Unit (DMU) product in order to extend data operation from the original FCC authorized frequency band of 128.825MHz to 132.000MHz to an extended frequency band of 136.500MHz to 136.975MHz. Hence, the changes (i.e., modifications) in the certificated equipment were extensive enough to require a new application.

As required by Title 47 CFR 87.147(d), Honeywell International Inc. hereby submits notification of FCC Certification application for the MCX-1000A VHF transceiver. The equipment characteristics are as follows:

MCX-1000A VHF Transceiver Assembly (Part Number: 42455-1)

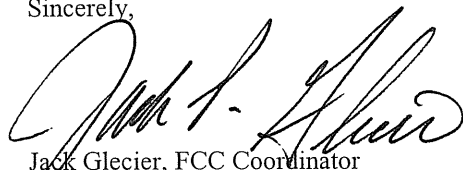
- Manufacturer's Identification: Honeywell International Inc. FCC ID No. ASYMCX-1000A
- Antenna Characteristics: Conventional 50 ohm Vertically Polarized Omni-directional
- Rated Output Power: 20 Watts, nominal (16 Watts minimum, 24 Watts maximum)
- Emission Type: 13k0A2D
- Emission Characteristic: Data modulated AM (MSK, 2400 bps)
- Frequency: 128.825 to 132.000 MHz, 136.500 to 136.975 MHz
- Essential receiver characteristics if protection is required: No protection is required.

If you require any additional information, please contact myself (Mr. Jack Glecier) via telephone at (913) 712-2352.

As you know, the FCC will not act until it receives the FAA's determination regarding whether it objects to the application for equipment authorization. Therefore, eleven (11) enclosures form a part of this submittal in order to facilitate the FAA determination.

Thank you for your prompt attention to this notification.

Sincerely,



Jack Glecier, FCC Coordinator
Honeywell International Inc.
23500 W. 105th Street (Mailstop #37)
Olathe, KS 66061

Enclosures:

1. Test Report For Application of Certification dated December 12, 2005 (23 pages)
2. Test Setup Photographs for MCX-1000A (1 page)
3. FCC ID Label and Label Placement Information for MCX-1000A (2 pages)
4. External Photographs of Equipment Under Test for MCX-1000A (2 pages)
5. Internal Photographs of MCX-1000A (6 pages)
6. MCX-1000A BLOCK DIAGRAM
7. 152-0240-000(AD), MCX-1000 CHASSIS (A1) SCHEMATIC (1 sheet)
8. 152-0209-000(V), R/T MODULE (A2) SCHEMATIC (1 sheet)
9. 152-0241-000(AB), MCX-1000 AUDIO MODULE (A3) SCHEMATIC (1 sheet)
10. TCB Application Form 731 (3 pages)
11. Confidentiality Letter from ROGERS LABS, INC. to FCC dated January 10, 2006 (2 pages)