

Aerospace Electronic Systems

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FCC-06-1236

March 20, 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 KXP 2290 Mode S Transponder

Dear Mr. Oscar Alvarez:

Honeywell International Inc. is currently developing the KXP 2290 Air Traffic Control Radar Beacon System (ATCRBS) / Mode Select (Mode S) Transponder in accordance with Technical Standard Order TSO-C112 (Class 2). The KXP 2290 Transponder is a panel mounted unit that replies to ATCRBS Mode A and C, Intermode and Mode S interrogations. Also, the KXP 2290 is capable of non-diversity or diversity operation.

As required by 47 CFR 87.147(d), Honeywell International Inc. hereby submits notification of FCC Certification application for the KXP 2290 ATCRBS / Mode S Transponder. The equipment characteristics are as follows:

KXP 2290 ATCRBS / Mode S Transponder (Part Number: 066-01198-0101)

- Manufacturer's Identification: Honeywell International Inc. FCC ID No. ASYKXP2290
- Antenna Characteristics: Conventional 50 Ω (ohm) Vertically Polarized Omni-directional
- Rated Output Power: 125 watts (minimum), 500 watts (maximum)
- Emission Type: V1D (refer to 47 CFR 2.201)
- Emission Characteristic: Pulse Amplitude Modulation (PAM), Pulse Position Phase Modulation (PPM)
- Frequency: 1030 MHz (receive), 1090 MHz (transmit)
- 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.

Thank you for your prompt attention to this notification.

Sincerely,



Jack P. Glecier, FCC Coordinator
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