

**Aerospace Electronic Systems**  
Honeywell  
One Technology Center  
23500 W. 105th Street  
Olathe, KS 66061  
913 782-0400

FCC-01-696

February 7, 2001

**FAA**  
Spectrum Engineering Division  
800 Independence Avenue SW  
Washington, D.C. 20591

Dear Sir:

Honeywell International Inc. is currently developing a KMH 820 Multi-Hazard Awareness Unit and a KTA 810 Traffic Advisory Unit as part of our Integrated Hazard Awareness System. Both units contain the identical RF circuitry being certified and will thus share the FCC Grantee Code of ASYKMH820.

As required by CFR Title 47, Subpart D, Paragraph 87.147(d), Honeywell International Inc. hereby submits notification of FCC Certification application for the KMH 820 Multi-Hazard Awareness Unit and KTA 810 Traffic Advisory Unit. Equipment characteristics are as follows:

Equipment description:	KMH 820 p/n 066-01175- ( ) KTA 810 p/n 066-01152- ( )
Manufacturer's Identification	ASYKMH820 for all above part numbers
Antenna Characteristics	Vertical polarization, omnidirectional transmit, directional receive
Rated output power	200 Watts referenced at the unit
Emission type	18M0V1D
Emission characteristics	ATCRBS Mode C interrogations, pulse position and pulse amplitude modulation. See RTCA/DO-197A Fig.2-3.
Frequency	1030 $\pm$ 0.2 MHz
Essential receiver characteristics if protection is required	No protection required

If there are any questions concerning the data in this submittal, please contact me at (913) 712-2487.

Sincerely,

*Art Ercolani*

Art Ercolani  
Manager, Product Certification  
FAA Administrative DER  
FCC Coordinator  
Honeywell International Inc.