

**Aerospace Electronic Systems**

Honeywell  
P.O. Box 29000  
Phoenix, Arizona 85308-9000  
602 436-8000

**September 11, 2001**

5150-0109-1872

Federal Aviation Administration  
Spectrum Engineering Division  
800 Independence Ave., SW  
Washington, DC, 20591

**Subject:** Notification of Intent to File for FCC Type Certification for HP700 High Power Amplifier

Dear FAA Representative:

In accordance with FCC Rules and Regulations Title 47, Part 87, Section 147(d), notification is hereby given of Honeywell Intl., Commercial Electronics Systems, intent to file for FCC Type Certification for the HP700 High Power Amplifier.

The HP700 amplifier was developed as a low power alternative for use on the MCS-6000 and MCS-7000 SATCOM systems. The HP700 provides a maximum output power capability of 20 watts, whereas the standard HP600 amplifier provides 40 watts maximum. Both the MCS-6000 and MCS-7000 systems operate between 1626.5 – 1660.5 MHz and have emission type G1W.

Honeywell, Intl., is filing for FCC Type Certification for this equipment at this time. All technical data (less schematics, and photos) submitted to the FCC is enclosed with this letter.

Regards,



Carl L. Shore  
SATCOM System Technical Manager  
(602) 436-4624  
E-mail: Carl.Shore@Honeywell.com

Honeywell, Intl.,  
Commercial Electronic Systems – Bell Road (CES - BR)  
5353 W. Bell Road  
Glendale, AZ 85308

ENCLOSURES

General

1. \*Components Maintenance Manual for HP700 20 Watt High Power Amplifier, Publication No(s). A35-5111-025A1, dated 10 July 2000 and A09-5111-025, dated 30 July 1999

\*Component Maintenance Manual furnished in lieu of System Definition and Installation Manual

HP700

2. FCC Type Acceptance Report for The HP-700 High Power Amplifier, Honeywell Part Number 7516251, drawing EB7516254, Rev. Original.
3. Top Assembly, drawing 7516251, Rev. K.
4. RF Amplifier CCA, drawing 7516270-902, Rev. A
5. Power Supply Assembly CCA, drawing 7516280-902, Rev. G
6. HPA Main Processor Module CCA, drawing 7516265-902, Rev. K, and associated Programmable CCA, drawing 7516189, Rev. L
7. Plate, Identification, Hardware, Software, drawing 7021570-26, Rev BF, and applicable change order 24515A
8. Integrated Test Specification for High Power Amplifier, drawing IT7516251, Revision L