

FCC-00-538

February 15, 2000

Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh, PA 15251-5315

Subject: Certification Application for the KX 165A Navigation and VHF Communications Transceiver

Dear Sir:

Honeywell International Inc. hereby requests application for FCC Certification for the KX 165A VHF Navigation / Communications Transceiver, FCC ID ASYKX165A. The KX 165A was developed to meet a European mandated 8.33Khz channel bandwidth. Honeywell International Inc. applied for and received a waiver of Section 87.173 (b) of the Commissioner's Rules to permit type acceptance of VHF aircraft transceivers capable of transmitting on both the 25 Khz and 8.33Khz spaced channels. A copy of the accepted waiver is included for your records. Additionally, I have enclosed a copy of our notification to the FAA Spectrum Engineering Division, as required by Part 87.147 (d), of the fact that Honeywell International Inc. is making certification application for the KX 165A.

The KX 165A complies with all the appropriate technical standards for certification directed by CFR Title 47 Part 2, Part 87 (dated October 1, 1998) and FCC document FCC 98-58. Honeywell International Inc. hereby submits the attached documents and fee for your approval.

If there are have any questions or further clarification is required, please contact Art Ercolani, Senior DER Staff Engineer/FCC Coordinator at Honeywell International Inc. in Olathe, Kansas (913)712-2487.

Thank you for your prompt consideration of this application.

Sincerely,

Art Ercolani
Senior DER Staff Engineer
FCC Coordinator
Honeywell International Inc.
(913) 712-2487

Enclosures:

FCC Form 159	
FCC Form 731	
Check for \$475.00	
Waiver Request Approval Letter (DA 98-2037) dated October 7, 1998	
Notification Letter to the FAA	
Certificate of Configuration Control	
Application for Certification	
Installation Manual	006-10542-0002
Alignment Procedure	001-05082-0000
Theory of Operation	N/A
Serial Number Label	057-05964-0000

Schematics:

Main	002-09059-0040
Transmitter	002-09062-0020
VOR/LOC Converter	002-09063-0000
Glideslope	002-09060-0000
Directional Coupler	002-09362-0010
IF Filter	002-09709-0000
TX Filter	002-09174-0020
TX Audio Adapter	002-09680-0000
Front Panel Board Schematic	002-09057-0000
COM/VOR Receiver	002-09061-0010

Assembly Drawings:

Final Assembly Drawing	300-09095-0010
Main Board	300-09059-0040
Transmitter Board	300-09062-0020
VOR/LOC Converter	300-09063-0000
Glideslope Board	300-09060-0000
Glideslope Assembly	300-09447-0000
Directional Coupler	300-09362-0010
IF Filter	300-09709-0000
TX Filter Board	300-09174-0020
TX Audio Adapter Board	300-09680-0000
Front Panel Display Board Ass'y	300-09057-0000
Bezel Assembly	300-05672-0000
COM/VOR Receiver Assembly	300-09061-0000
RF Power Transistor Assembly	300-09532-0000
Top Cover	300-05661-0020
Base	300-05660-0020