



U.S. Department
of Transportation
**Federal Aviation
Administration**

800 Independence Ave., S.W.
Washington, D. C. 20591

Date: 10 June, 2020

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Dear Mr. Corey Cahill:

The Federal Aviation Administration (FAA), office of Spectrum Engineering Services was notified by letter dated October 25, 2019, that Honeywell International intended to file an application for equipment certification of the IntuVue™ RDR-84K radar with the Federal Communications Commission (FCC). This radar is a small, lightweight electronically scanning airborne radar that operates in the frequency range 24.25-24.65 GHz and is intended to provide an Air-to-Air Detect and Avoid (DAA) capability for small manned aircraft. Honeywell International requests certification for use under FCC ID # ASYRDR84K.

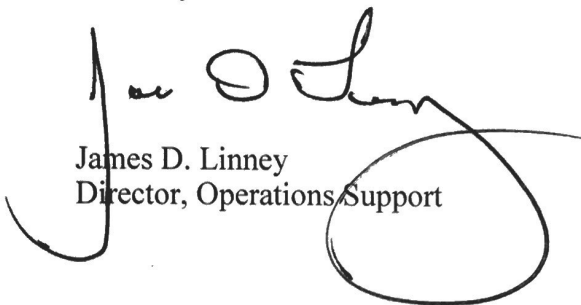
FCC rules require that transmitting equipment used in conjunction with the aviation services must be authorized in accordance with its equipment certification procedures. In addition to demonstrating compliance with all pertinent FCC technical requirements, in order to be authorized on the frequencies associated with the IntuVue™ RDR-84K radar, Honeywell International is required by Section 87.147 of the FCC's rules to notify the FAA of its application for FCC certification. The FCC will not act on the certification application absent the receipt of a determination of no objection from the FAA.

The Spectrum Planning and International Team of the FAA conducted an initial review of the information provided to us by Honeywell International and sent a letter on January 10, 2020 requesting additional information on the system from Honeywell International. Honeywell International responded to the request for additional information on March 3, 2020.

Based on the review of the additional information provided by Honeywell International, the FAA office of Spectrum Engineering Services supports the FCC granting certification of this equipment. We acknowledge that an FCC grant of equipment certification only signifies compliance with the FCC's specific rules. However, we ask that any grant of FCC equipment certification include a condition that clearly indicates that (1) the FCC authorization is limited to installation on experimental manned aircraft as defined in 14 CFR Section 21.191 as Non-Required Safety Enhancing Equipment, (2) in order to install this system on other aircraft such as unmanned aircraft, or urban air mobility aircraft, the FAA will require compliance with appropriate equipment performance standards, and (3) users should check with the FAA for guidance and authorization as necessary prior to use of the IntuVue™ RDR-84K radar in aircraft.

If you require any additional information, please contact Mr. Mike Weiler, Group Manager, Spectrum Engineering Services Group, at (202) 267-0685 or Mr. Jae Shin, Electronics Engineer, Spectrum Planning and International Team, at (202) 267-7365 or via e-mail jae.w.shin@faa.gov.

Sincerely,



James D. Linney
Director, Operations Support