RDR-7000 WX Radar solution now available for the AW139 series.

Legacy AW139 WX radar systems are no longer supported post June 2023.

In 2019, Honeywell issued an end-of-life (EOL) notice for legacy magnetron-based Primus 864 Series weather radar product families and associated components, including the Primus 864 weather radar controllers. These notices included notification that repairs will no longer be supported after June 2023.

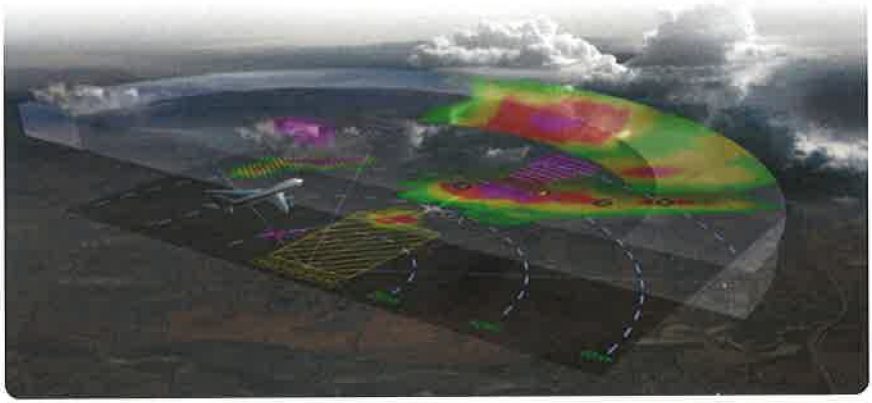
In response to the increasing costs, lead times and unstable availability of parts and repairs associated with magnetron-based radars, Honeywell has invested heavily in the development of the next generation radar, resulting in the ***IntuVue RDR-7000 3-D Automatic Weather Radar system***

INTRODUCING THE IntuVue RDR-7000 3-D SCAN

Honeywell's IntuVue RDR-7000 is a state-of-the-art Solid-State Radar; it differs from previous generation weather radars in the magnetron elimination (a marginally reliable and technologically obsolete high-powered vacuum tube that works as a self-excited microwave oscillator) as well as the waveguide assembly.

Additionally, the RDR-7000's antenna drive assembly was designed to enhance operational reliability and uses a direct drive, DC brushless mechanical drive with coaxial rotary joints, this is a technological leap over legacy geared mechanical drive systems.

With the introduction of the RDR-7000 and its small size and lower weight, Honeywell can offer all the latest technology and benefits that large commercial and top-end business jets have been taking advantage of for the last few years with the RDR-4000, to older and/or smaller aircraft as a retrofit solution with only minimal wiring changes and a modification of the legacy weather radar controller faceplate(s).



The RDR-7000 scans all the weather in front of the aircraft out to 320NM and from the surface to 60,000 feet, filling a 3-dimensional buffer, and even maintains weather information that shows the weather as it passes behind the aircraft.
It continuously applies hazardous weather algorithms to identify, locate and classify hazardous weather.

SA Air Works India Pvt. Ltd (Scandinavian Avionics, Denmark & Air Works, India JV Company)
Plot No.40, Sector 18, Udyog Vihar, Gurgaon 122 001, Haryana, India
+91 124 4642 200
avionicsales@saairworks.in