



August 9, 1999

Federal Communications Commission
Office of Engineering and Technology

Application Filed Via OET Laboratory Electronic Filing Site
<https://gulfoss.fcc.gov/prod/oet/index.html>

Re: Equipment Certification under Part 87
RTA-8XX Weather Radar Systems
FCC ID: AJL6228439

Gentlemen:

Rockwell Collins, Inc. (Rockwell Collins) hereby submits an Application for Equipment Authorization for the RTA-8XX family of combined receiver/transmitter and antenna weather radars (FCC ID: AJL6228439) using the Office of Engineering and Technology's online filing system. The RTA-8XX weather radar family consists of the following:

- RTA-800 – 12 inch antenna and R/T assembly
- RTA-852L – 12 inch antenna and R/T assembly
- RTA-8X2 – 12 inch antenna and R/T assembly
- RTA-8X4 – 14 inch antenna and R/T assembly
- RTA-8X8 – 18 inch antenna and R/T assembly

The five assemblies are identical except for the antenna diameter and the RTA-8X4 does not provide turbulence detection.

One complete set of documents covering the RTA-8XX Weather Radar Systems, including a detailed product description and test data, is submitted as part of the Application.

Your early consideration of the Application is respectfully requested. Please direct all inquiries to Mr. Brett Wilson of this office at (703) 516-8223.

Respectfully submitted,

Linda C. Sadler
Director, Governmental & Regulatory Affairs