

Dr. Jim Evans

Jim Evans is a senior staff member in the Air Traffic Control Systems group at MIT Lincoln Laboratory whose principal responsibility is initiating and contributing to research programs in improved aviation weather decision making and operational benefits analysis. He led the Laboratory programs for the FAA on major operational real time convective weather decision approach systems including the Terminal Doppler Weather Radar (TDWR), the Integrated Terminal Weather System (ITWS), and the Corridor Integrated Weather System (CIWS).

He is currently working on improving air traffic management (ATM) decision making in convective weather and, in providing better decision support for early detection and suppression of wind driven wildfires at the urban-wildland interface. He has over 100 publications in the areas of weather and air traffic control and received outstanding paper awards at two USA/Europe Air Traffic Management R&D Symposia. In 2019, he received the third annual Aviation & Space Operations Weather Prize from APA, NATCA, ADF, AOPA, Airlines for America, NBAA, RCC and ALPA.