

FAA Clearance



U.S. Department
of Transportation
Federal Aviation
Administration

800 Independence Ave, SW
Washington, DC 20591

OCT 15 1999

Mr. William C. Brodegard
Ryan International Corporation
4800 Evanswood Drive
Columbus, OH 43229

Dear Mr. Brodegard:

In response to our telephone conversation on September 20, advising that the Federal Communications Commission (FCC) has requested your company to coordinate the testing of a prototype Terminal Collision Avoidance System with the Federal Aviation Administration (FAA), this letter is provided. The FAA's Office of Spectrum Policy and Management concurs to a 90 day special transmit authorization (STA) for the experimental operation of your Ryan Transponder Coupler and Display Model 9900BX. The STA must be issued by the FCC and must include the following preliminary limitations:

1. Operations are limited to a 200 NM radius and an altitude of 25,000 feet of the following coordinates:

370 NM
7620 M.
Long Beach, CA 334905N1180906W
Chicago, IL 415849N0875416W
New York, NY 403840N073445W

2. Operations are limited to one transmitter operating at any one time in the given geographic areas above.

3. The parameters of the equipment will comply with the Technical Standard Order (TSO)-C147 and applicable paragraphs of the RTCA DO-197A as detailed in the TSO Qualification Test Plan submitted by your company, Document NO. 080399, Revision B, dated August 30, 1999.

4. Coordination will be accomplished at least 72 hours prior to flight tests with the FAA regional frequency management office responsible for the geographic area in

which you are flying. The following contact information is provided:

Great Lakes FMO (for flights in the Chicago area)
(847) 294-7363/7616/7332

Eastern FMO (for flights in the New York area)
(718) 977-6608/6613/6616

Western Pacific FMO (for flights in the Los Angeles area)
(310) 725-3475/3671/3668

Provide the regional FMO the details of the proposed test (aircraft tail number, flight path, times, etc.). The FMO will initiate coordination with the air traffic facilities responsible for the airspace in which you are flying, provide any final limitations on operations, and provide additional instructions as necessary.

If you require additional information, please contact Mr. Timothy Pawlowitz, Spectrum Assignment and Engineering Division, at (202) 267-9739.

Sincerely,



Gerald J. Markey
Program Director for Spectrum
Policy and Management

cc: FCC (Frank Wright)