

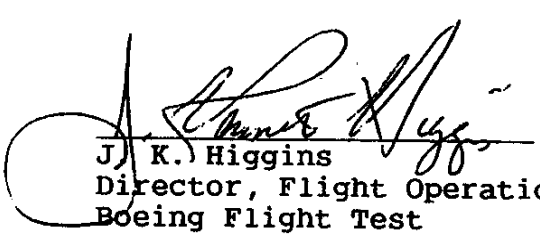
December 13, 1990

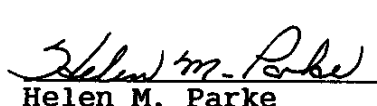
Memorandum of Agreement between The Boeing Co.
and FAA Seattle Air Route Traffic Control Center.

A meeting was held at the FAA Air Route Traffic Control Center (ARTCC) in Auburn, Wash. on December 12, 1990 to review and agree with The Boeing Company's plan for flight test operations for the Traffic Alert and Collision Avoidance System (TCAS) testing in the area of the Mansfield City Airport, Mansfield, Wa.

The following agreements have been made:

1. Flight test operations in the area of Mansfield, Wa. are acceptable to the Seattle Air Route Traffic Control Center and to Boeing Flight Test. The proposed flight patterns can be flown satisfactorily in the Mansfield, Wa. area.
2. The TCAS test ground transponder will be located at Mansfield airport. The ground test transponder will not transmit test altitudes below 500 ft. MSL nor above 10,000 ft. MSL.
3. The pilot will write "TCAS Test" in the remarks section of his flight plan.
4. Seattle ARTCC will be notified 24 hours in advance of upcoming test flights.
5. The point of contact with Seattle ARTCC is the Area Supervisor, Eastern Washington, 931-5205.
6. The point of contact with Boeing Flight Test is Flight Test Engineering Radio Services, 655-5483.


J. K. Higgins
Director, Flight Operations
Boeing Flight Test


Helen M. Parke
Air Traffic Manager
Seattle ARTCC