

FAA Coordination

The EADS Secondary Surveillance Radar (SSR) and Beel Tech Inc IFF transponder pre-coordination is given by the FAA Eastern Regional Office by the following:

FREQ M1030, SER#NG T120195

Operations on 1030 MHz will be in accordance with the following restrictions:

- a) PRR = 225/250 pps
- b) Pulse Duration = FX 0.8 usec
- c) Radius of operation = 2 kilometers
- d) Only modes 1,2,3A and C are allowed to transmit
- e) Blanking is required in azimuth direction 45-55, 63-85, 175-190 AND 230-255 degrees referenced to true north
- f) Equipment is restricted to operating only the average interrogation rate.

FREQ M1090, SER#NG T120196

Operations on 1090 MHz will be in accordance with the following restrictions:

- a) ERP = 1 W peak
- b) PRR = 225/250 pps
- c) Pulse Duration = FX 0.45 usec
- d) Only modes 1,2,3A and C are allowed
- e) Unit must be operated under a hood with dummy load, or directly connected via cable to the aircraft receiver to reduce free space radiation
- f) Altitude setting for mode C response must be below sea level or above 90K feet to avoid TCAS alert.

This FAA coordination was obtained for a renewal period of 24 months.