

1. Operations of the FPS-117 radar systems must operate within the following restrictions:

- FAA only agrees to operations on channels between 1270 and 1280 MHz and between 1350-1400 MHz (All radar sites will use sector blanking so not to interfere with the Army at Ft Drum, NY which is 60 NM away).
- Bandwidths of emissions at the -20 dB point will be restricted to 17.9 MHz
- Transmitter peak envelope power will be limited to a maximum of 34 kW
- Transmitter antenna gain will be limited to a maximum of 38 dB
- Operations will be conducted on the ground in a fixed configuration in:
 - Syracuse, NY at coordinates NL 43-06-43, WL 76-11-18 (1 km radius)
 - East Syracuse, NY at coordinates NL 43-05-20, WL 76-05-53 (1 km radius)
 - Cazenovia, NY at coordinates NL 42-52-36, WL 75-55-27 (1 km radius)
- The operation of the standard IFF system on the FPS-117 requires the 1030 MHz authorization. The ERP out of the IFF is 2 kW (33 dBW).

2. Operations of the TPS-59 radar systems must operate within the following restrictions:

- FAA only agrees to operations on channels between 1270 and 1280 MHz and between 1350-1400 MHz (All radar sites will use sector blanking so not to interfere with the Army at Ft Drum, NY which is 60 NM away).
- Bandwidths of emissions at the -20 dB point will be restricted to 12.0 MHz
- Transmitter peak envelope power will be limited to a maximum of 40 km
- Transmitter antenna gain will be limited to a maximum of 37.8 dB
- Operations will be conducted on the ground in a fixed configuration in:
 - Syracuse, NY at coordinates NL 43-06-43, WL 76-11-18 (1 km radius)
 - East Syracuse, NY at coordinates NL 43-05-20, WL 76-05-53 (1 km radius)
 - Cazenovia, NY at coordinates NL 42-52-36, WL 75-55-27 (1 km radius)

3. Operation of the TPS-59 repeater must operate within the following restrictions:

- FAA only agrees to operations on channels between 1252 and 1304 MHz and between 1335 and 1400 MHz.
- Bandwidths of emissions at the -20 dB point will be restricted to 12.5 MHz and 185 MHz (185 MHz is Wide Band Low Power Noise)

- Transmitter peak envelope power will be limited to a maximum of 0.5 Watts
- Transmitter antenna gain will be limited to a maximum of 1 dB
- Operations will be conducted on the ground in a fixed configuration in:
 - Syracuse, NY at coordinates NL 43-06-43, WL 76-11-18 (1 km radius)
 - East Syracuse, NY at coordinates NL 43-05-20, WL 76-05-53 (1 km radius)
 - Cazenovia, NY at coordinates NL 42-52-36, WL 75-55-27 (1 km radius)