

a. The request for the listed frequencies is necessary for the development of a Differential GPS (Global Positioning System) Landing System. These frequencies occupy the band specified for both the SCAT-I dGPS system as specified in RTCA DO-217 and the FAA LAAS (Local Area Augmentation System) as defined in the LAAS specification currently under development. The function of both programs is to generate differential GPS corrections and transmit these corrections to aircraft navigating within the area.

b. The developed systems will then be installed at Public and Private use airfields in order to migrate the air navigation community to GPS based landing systems as described in the FAA master radionavigation plan.

c. Development of these systems are necessary to modernize the air navigation systems and lead to the eventual phasing out of conventional ILS systems.