



Base station communication regulations





Overview

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The Air Force Installation and Mission Support Center sustains the base communications infrastructure that supports Department of the Air Force mission requirements. AFIMSC partners with installation communications squadrons and information technology flights to sustain the IT infrastructure that.

Radio communications are required for the safe and proper operation of aircraft and airlines at airports. Airport operators, station operating personnel, technicians and contractors need to be familiar with these guidelines before installing VHF radio systems. This document is only an introduction.

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The FCC regulates the Aviation Services in cooperation with the Federal Aviation



Administration. Wherever aviation services are provided in U.S. territory, both FAA and FCC requirements must be met by anyone who uses aviation radio. In addition, civil aircraft on international flights are subject. What is a base station?

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What is the purpose of the personal radio services rules?

The purpose of these rules is to establish the requirements and conditions under which stations and devices incorporating radio transmitters may be designed, manufactured, certified, marketed, operated and used in the Personal Radio Services. § 95.301 Scope. This subpart contains rules that apply generally to all of the Personal Radio Services.

What is automatic control of a personal radio services station?

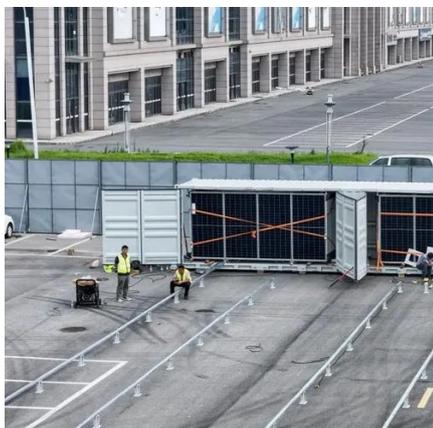
Automatic control. Operational control of a Personal Radio Services station by automated means, such that the operator does not have to be located at a control point and monitoring communications in order to share channels and avoid interference and rule violations. Base station.

Does a personal radio service station need to coordinate operation?

§ 95.309 Coordination procedures and other restrictions for operation in certain locations. The operator of a Personal Radio Service station may be required to coordinate operation in advance and/or may be subject to operating restrictions if the station is to be operated in certain locations, described in the following paragraphs in this section.



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47 CFR § 90.647

§ 90.647 Station identification. (a) Conventional systems of communication shall be identified in accordance with existing regulations governing such matters.

eCFR :: 47 CFR Part 95 Subpart A -

A valid individual license may be required under this part to operate or use stations in a particular service, certain types of stations, stations transmitting on certain channels or frequency bands, ...



eCFR :: 47 CFR 1.6100 -

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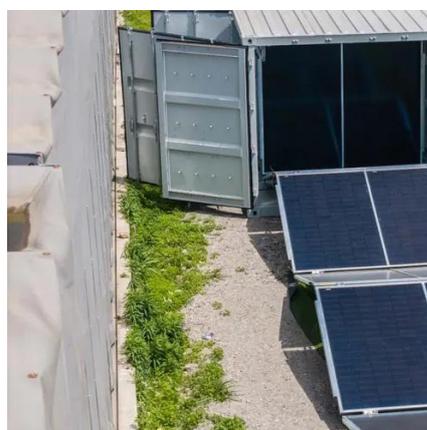


eCFR :: 47 CFR Part 95 -

A station, intended to be used while in motion or during halts at unspecified locations, that communicates directly with base stations and other mobile stations, and with control stations ...

Ground Stations

Airport control tower stations provide all necessary communications between an airport control tower and all arriving and ...



Rules & Regulations for Title 47

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[Aeronautical Frequency Committee \(AFC\) VHF Ground ...](#)

This document is only an introduction and overview of the requirements that should be met in order to install VHF air/ground radio stations at airports in a proper, acceptable, and ...



PowerPoint Presentation

AFIMSC manages the Engineering and Installation Work Plan that installations use annually to submit for modernization or new base communications capabilities. AFIMSC gathers and ...



Federal Communications Commission §9

It is a mobile station operating on the transmitting frequency of the associated base station. It is a mobile station in the Public Safety Pool using F1E or G1E emission.





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