

Airborne emergency communication command base station





Overview

What was the purpose of the SAC airborne command post system?

The mission of Strategic Air Command's (SAC) airborne command post system was to be a visible deterrent to the Soviet Union throughout the Cold War. It was the single platform that combined the latest Command Control Communications and elite crews that assured connectivity between missileers, aircrews and the President of the United States.

Why is the SAC ABNCP on airborne alert all the time?

With the SAC ABNCP on airborne alert all the time, our enemies could not concentrate their weapons on SAC Headquarters, Air Force command posts or other communication centers and prevent our nuclear forces from receiving Presidential authority to use nuclear weapons.

What is the 1st Airborne Command Control Squadron?

The 1st Airborne Command Control Squadron is one of the oldest in the United States Air Force.

What is a National Emergency Command & Control Center (NAOC)?

In case of national emergency or destruction of ground command and control centers, the NAOC provides a highly survivable command, control and communications center to direct United States forces, execute emergency war orders and coordinate actions by civil authorities.

What is a sac Airborne Command Post (ABNCP)?

This program added real meaning to SAC's motto "Peace is our Profession". The first and most famous example of SAC Airborne Command Posts (ABNCP) was a modified C-135 aircraft and crew, call sign "Looking Glass", so named because its mission was to mirror the capabilities of the SAC underground command post.



How did the airborne launch control system (ALCS) work?

SAC's answer to this challenge was the Airborne Launch Control System (ALCS), which gave us a highly survivable, alternate launch capability for the Minuteman Missile. The first ALCS launch of a Minuteman was successfully conducted at Vandenberg Air Force Base (AFB), California, on April 17, 1967.



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History

The aircraft, initially called the Advanced Airborne Command Post (AABNCP), was soon deemed appropriate for the National Emergency Airborne ...

CA42 Responder Emergency Command Aircraft

Applicable to various emergency rescue scenarios, e.g. flood disasters, forest fire, geological disasters, etc. Supports pre-disaster inspection, disaster command and post-disaster

...



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Base Emergency Communications System

Next Generation 9-1-1 (NG-911) includes Call Handling System (CHS), infrastructure,



Geospatial Information System (GIS), and
Location Information ...



[E-4B > Air Force > Fact Sheet Display](#)

In case of national emergency or destruction of ground command and control centers, the aircraft provides a highly survivable command, control and ...



Doomsday Plane: Meet The E-4B Advanced Airborne ...

The E-4B Advanced Airborne Command Center, fittingly known as the "Doomsday Plane," is a militarized version of the Boeing 747-200, four ...



The Airborne Command Post System

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E-4B > Air Force Global Strike Command AFSTRAT-AIR > Fact ...

Mission The E-4B serves as the National Airborne Operations Center and is a key component of the National Military Command System for the President, the Secretary of Defense and the ...



Airborne Base Stations for Emergency and Temporary Events

In particular, the so-called Airborne eNodeB (AeNB) is embedded in each LAP's communications payload, with in-cludes inter-LAP links, thus supporting reliable communications for ...

Intelligent Deployment of Multi-Air Base Stations for Capacity

Abstract: Sudden hotspot scenarios are becoming more common, emergency communications are becoming increasingly important. Considering that users are usually mobile, we model the ...



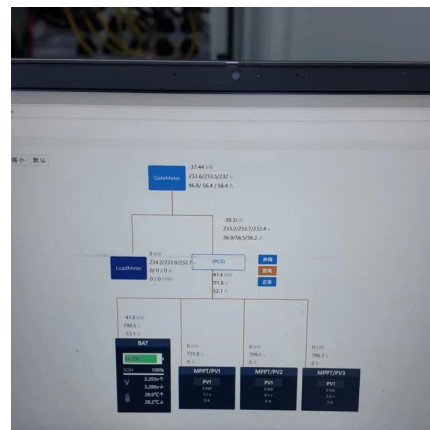
Base Emergency Communications System

Next Generation 9-1-1 (NG-911) includes Call Handling System (CHS), infrastructure, Geospatial Information System (GIS), and Location Information Services (LIS). NG-911 CHS enables ...



Airborne Base Stations Bring Back Connectivity

ZTE has developed airborne base stations mounted on uncrewed aerial vehicles to rapidly restore connectivity during natural disasters. These stations can support both private emergency ...



Airborne Base Stations Bring Back Connectivity

ZTE has developed a robust and flexible base station solution that can use satellite or wireless technologies to provide a backhaul connection to both a dedicated core network for the ...

95th Wing > 8th Air Force/J-GSOC > Display

In case of national emergency or destruction of ground command and control centers, the NAOC provides a highly survivable command, control and communications center to direct United ...



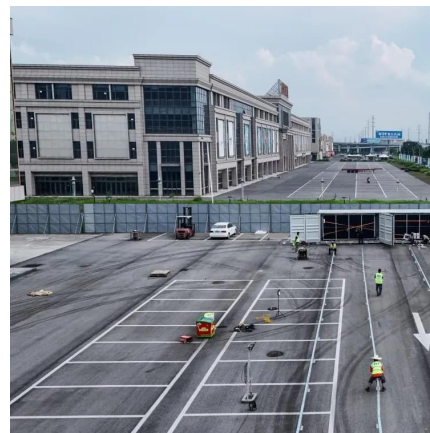


[CAPR 100-1 Radio Communications Management](#)

This regulation prescribes concepts, policies, and standards which govern the Civil Air Patrol (CAP) Radio Communications Program. Practices, procedures, and standards prescribed in ...

Airborne Base Stations for Emergency and Temporary Events

This paper introduces a rapidly deployable wireless network based on Low Altitude Platforms and portable land units to support disaster-relief activities, and to extend capacity during temporary ...



[SNC E-4C Survivable Airborne Operations Center](#)

The E-4C Survivable Airborne Operations Center (SAOC) is a United States Air Force program to develop a replacement for the E-4B National Airborne Operations Center (NAOC), a strategic ...

The Airborne Command Post System

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Emergency communications via airborne communications node

The airborne platform could also serve as a wide area base station to replace cellular phone towers that have been destroyed; this would enable civilian access to communications ...



EC-130H COMPASS CALL

The EC-130H Compass Call is an airborne tactical weapon system using a heavily modified version of the C-130 Hercules airframe. The system disrupts ...



Optimization Method for Flight Path of UAV Airborne Base ...

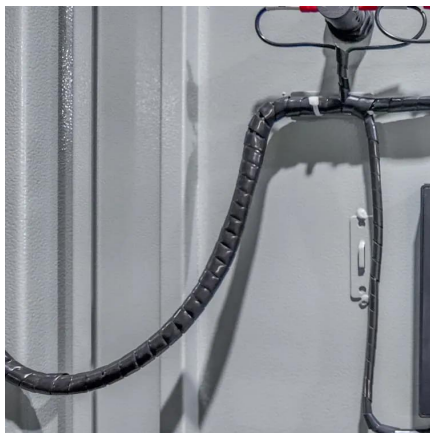
In this paper, we optimize the flight path of UAV airborne base station (ABBS) in 5G emergency communication networks. Firstly, we propose the comprehensive signal loss index (CSLI) for ...





DVIDS

The E-4B serves as the National Airborne Operations Center and is a key component of the National Military Command System for the President, the Secretary of Defense and the Joint ...

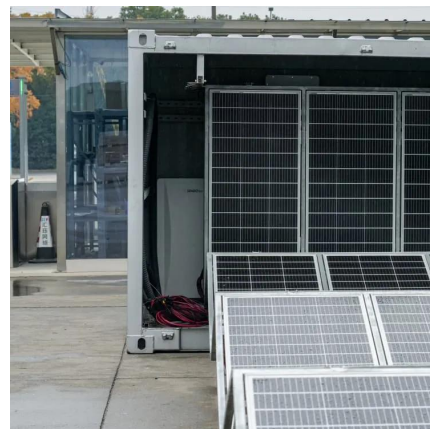


Fort Bragg Directory

Fort Bragg is a major installation of the US Army that sits across several different counties in North Carolina, but most of the base property is located in ...

Airborne base stations for emergency and temporary events

In [11], infrastructure networking for establishing an airborne base station for providing network coverage in emergency scenarios for suburban or rural large sized areas is ...



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