

# International Virtual Aviation Organisation

## SO Online Day

United States

Sunday, 22nd September of 2024



*Special Operations Department*

International Virtual Aviation Organisation

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## Introduction

The IVAO Special Operations department is pleased to introduce the seventh SO Online Day of 2024.

The sixth division that will host this event is United States (US). We invite you to fly to Joint Base Charleston (KCHS) for an AAR exercise.

These airports will be open from 2000UTC to 2200UTC.

## Date and Time

**Date:** Sunday, 22<sup>nd</sup> September of 2024

**Time:** 2000UTC – 2200UTC

# Definitions

The following are definitions of some acronyms used throughout this document:

TERM	EXPLANATION
GAT	General Air Traffic
OAT	Operational Air Traffic
S&R	Search and Rescue
AAR	Air to Air Refuelling
MEDEVAC	Medical Evacuation

## Aircrafts

This event is not restricted to any type of aircraft and can be flown. Anyway, we propose transport (OAT), tanker and fighter.

## Airports and Traffics

Airport ID	Name	Type of flights
KCHS	Joint Base Charleston	AAR Tanker

## Airspace

**KCHS (Joint Base Charleston):** C from SFC to 4000ft AGL.



# Airports

## Joint Base Charleston

ICAO: **KCHS**

Charts: [CHS - Charleston AFB/International Airport | SkyVector](#)

Runway	Length	ILS	CIRCUIT	HEIGHT
33	2744 m	108.900	Left	38 ft
15	2744 m	109.700	Right	43 ft
21	2134 m	N/A	Left	40 ft
3	2134 m	N/A	Right	21 ft

## Frequencies

Position	Callsign	Frequency
KCHS_TWR	Charleston Tower	126.000
KCHS_GND	Charleston Ground	121.900
KCHS_APP	Charleston Approach	120.700

## Scenery

P3D/FSX: [Charleston AFB Scenery for FSX & P3D \(flyawaysimulation.com\)](#)

MSFS: [KCHS, Charleston International Airport \(Phase One - WIP\) for Microsoft Flight Simulator | MSFS](#)

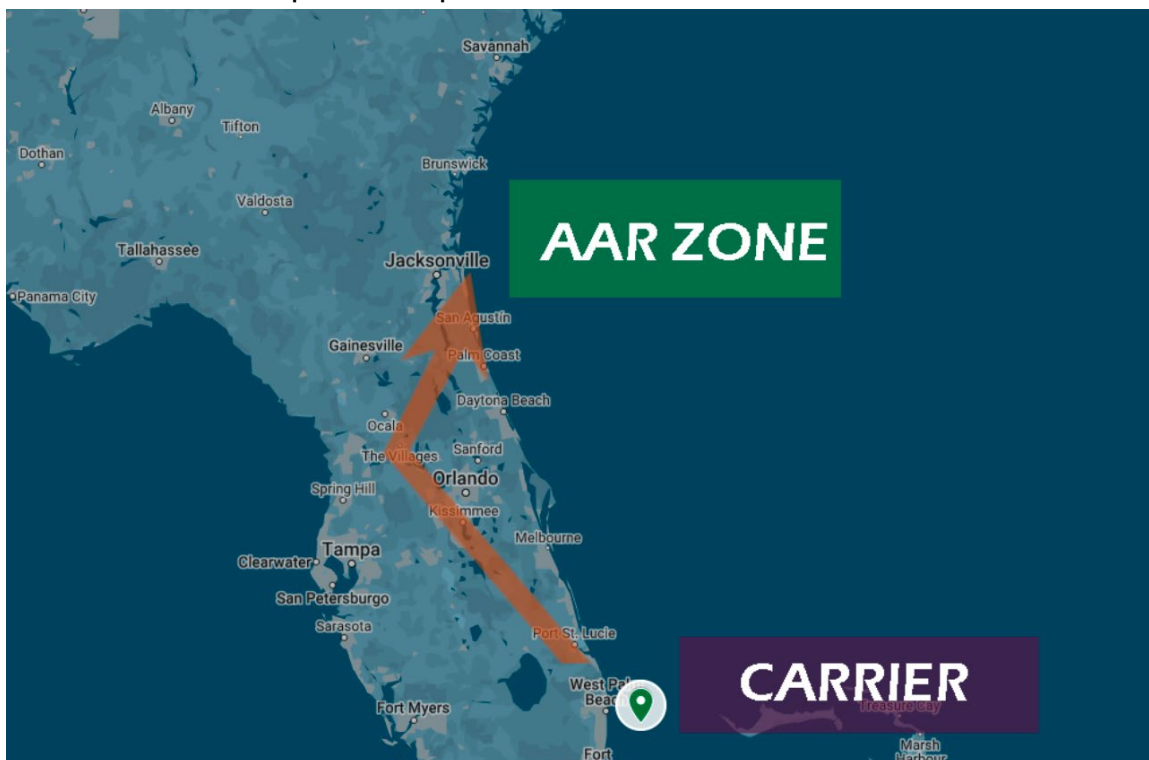
XPLANE: [KCHS-Charleston International Airport - Scenery Packages - X-Plane.Org Forum](#)

## Mission 1 AAR Fighter.

Conduct an air-to-air refuelling operation with a tanker aircraft after launching from an aircraft carrier. As part of a routine training exercise, your squadron has been assigned to practice air-to-air refuelling procedures to ensure readiness for long-range missions. You will be launching from the deck and rendezvousing with a tanker to refuel mid-air. This mission is critical to ensure that all pilots are proficient in refuelling procedures under operational conditions. Have a safe and efficient launch from the carrier, also a successful air-to-air refuelling with no fuel spills or connection issues and a safe return and landing on the carrier.

Carriers can be used: [Supercarrier Pro for MSFS \(miltechsimulations.com\)](https://www.miltechsimulations.com)

With this carrier, you will have one "Nimitz Class CVN76 - STATIC CARRIER" in West Palm Beach. You will depart and proceed to AAR zone.



The AAR zone will be at FL260/26000ft, 290kt. Patterns will be over Jacksonville VOR (JAX) and inbound heading 090, 25nm, to the left.

If you can't use the Carrier, you can also take off from MacDill Air Force Base (KMCF) and proceed to AAR zone.

## Mission 2 Fire Extinguishing.

Provide air-to-air refueling support to fighter jets en route to a combat training exercise. Departing from Charleston Air Force Base, South Carolina; Operating over Jacksonville, Florida (JAX). Your mission is to take off from Charleston Air Force Base and proceed to the Jacksonville VOR (JAX) to establish a refueling station. You will be supporting a group of fighter jets participating in a training exercise. Your task is to provide them with the necessary fuel to extend their operational range, ensuring they can complete their mission objectives.



The AAR zone will be at FL260/26000ft, 290kt. Patterns will be over Jacksonville VOR (JAX) and inbound heading 090, 25nm, to the left.

## Verbal briefing for the Missions

A verbal briefing will take place at:

Place: IVAO Special Operations Department Discord (HQ SOD)

Time: 14/07/2024 16:30z

Discord Room: #event-voice-1

## Contact

You can contact to HQ-SOD via [discord](#), [forum](#) or email: [specops@ivao.aero](mailto:specops@ivao.aero).