

AIR OPERATIONS BRANCH

EARTHQUAKE RESPONSE

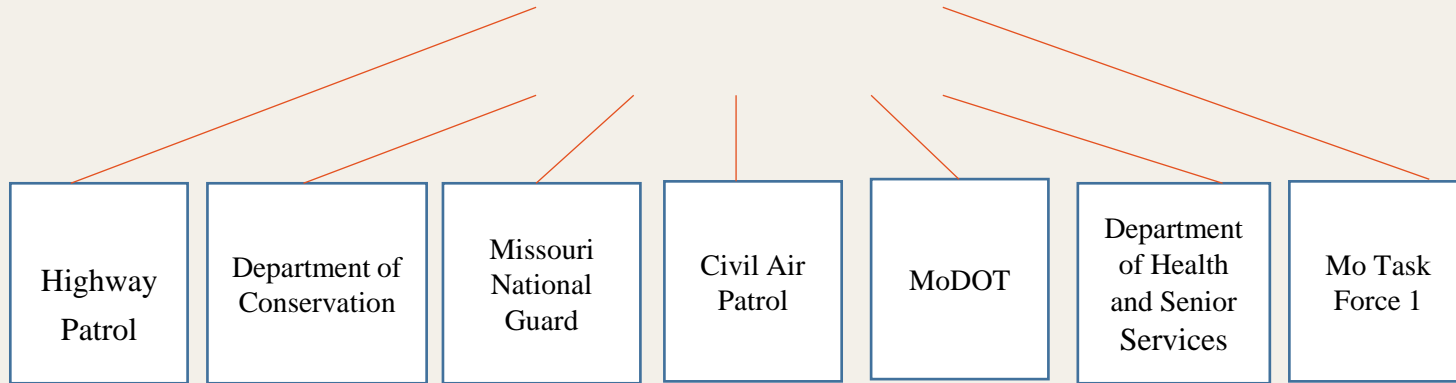


MISSOURI STATE EMERGENCY MANAGEMENT AGENCY

Air Operations During An Earthquake



State Air Operations Branch Director





State and Local Partners

Missouri Emergency Management
Agency (SEMA)

Missouri Director of National Guard
(MONG)

Missouri Department of Transportation
(MoDOT)

Missouri Department of Natural
Resources (MDNR)

Missouri State Highway Patrol (MSHP)

Missouri Civil Air Patrol (CAP)

Missouri Task Force 1





Federal Partners

United States Coast Guard (USCG)

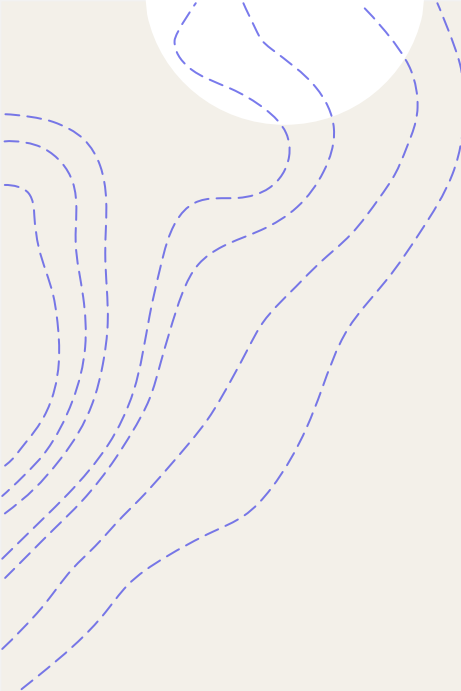
Federal Aviation Administration (FAA)

Customs/Border Patrol (CBP)

Department Of Defense (DOD)

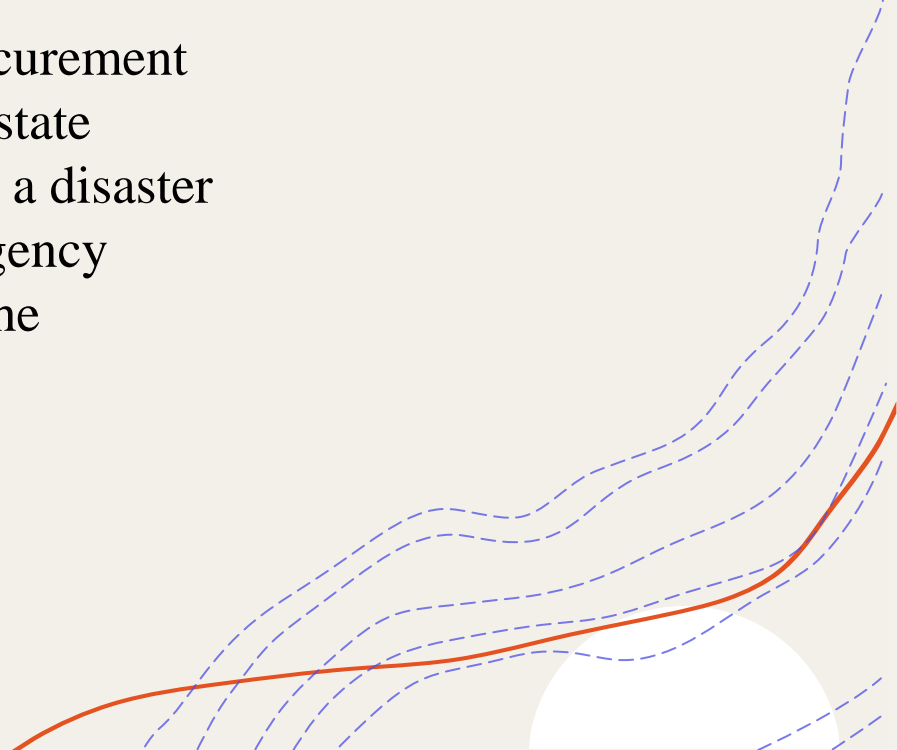
Federal Emergency Management Agency
(FEMA)

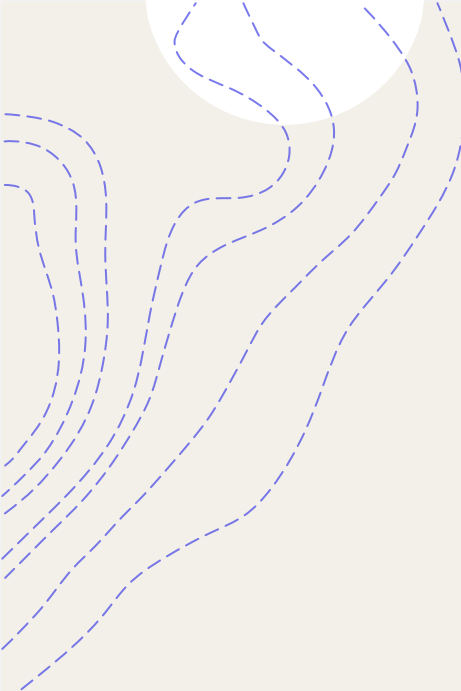




The AOB is a state-level management asset that coordinates the use of fixed, rotary wing, unmanned aircraft system during response efforts supporting state, local, governmental entities, and voluntary organizations requiring or providing aviation assistance during a disaster and emergency.

The primary responsibility is to coordinate procurement and integration of aviation assets requested by state and/or local units of government in response to a disaster or emergency and approved by the State Emergency Operations Center (SEOC) or consistent with the priorities established by the SEOC Manager.





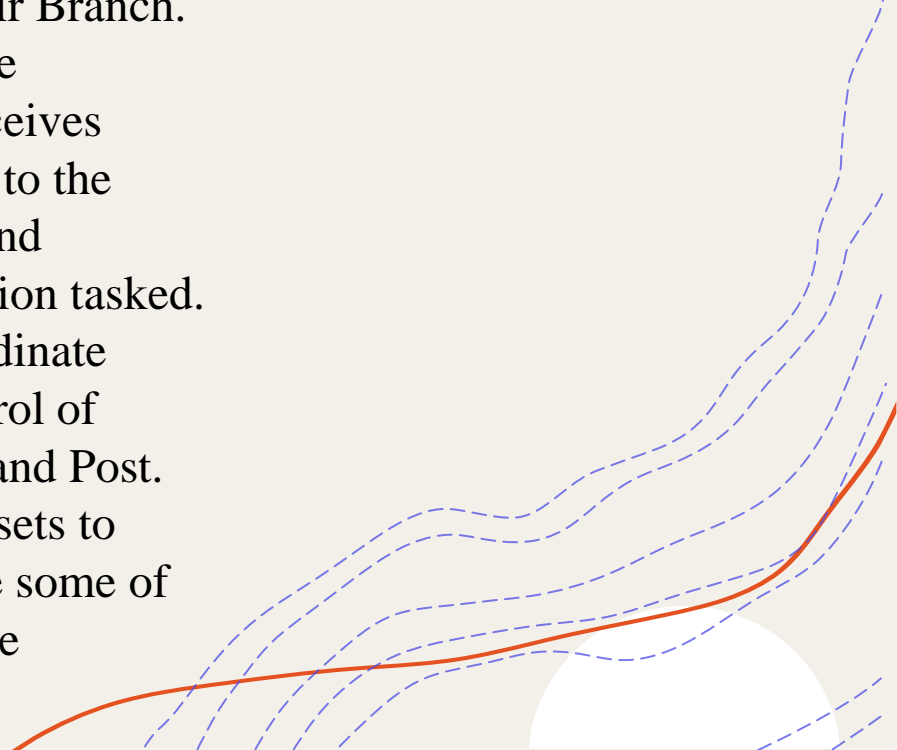
Aviation assets are highly specialized resources that are both limited in availability and extremely valuable during a disaster response. Aviation resources have the distinct advantages of speed, an aerial perspective, and an ability to fly over impassable surface transportation infrastructure. These advantages must be weighed against the high cost and increased risk exposure inherent in aircraft use.

The overarching Missouri Air Operations plan lays the framework for a NMSZ type event. During larger incidents, the most effective use of an Air Operations Branch Director resources in disaster response is to integrate local, state, federal, and commercial aviation assets through a common Air Branch.

The Air Operations Branch (AOB) reports to the State Emergency Operations Center (SEOC). The AOB receives requests for aviation resources, passes those requests to the agencies that can provide the requested capabilities and collectively determines the best resource for the mission tasked.

During larger incidents, the AOB will primarily coordinate aviation support, assigning direct command and control of aviation resources to the appropriate Incident Command Post.

During an NMSZ event the need arise for aviation assets to support operations in the impacted area(s). Below are some of the factors, planning and assumptions which would be conducted:

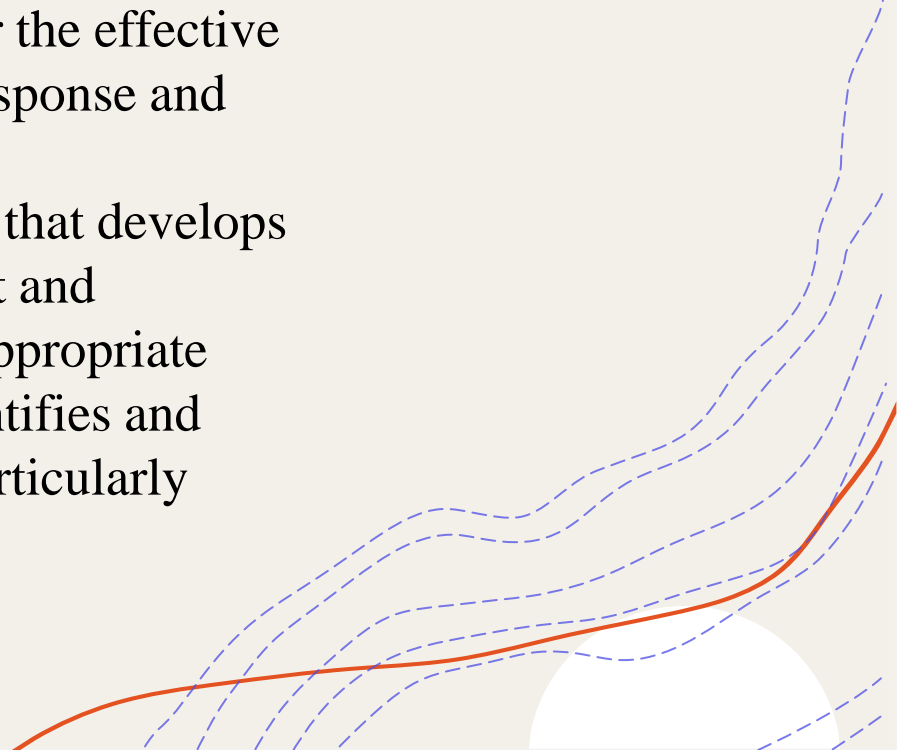




2.1 Concept of Operations

Missouri Air Operations Plan establishes guidelines that provides for coordinating federal, state, and volunteer organizations' air response to disasters or emergencies. The goal of a combined aviation response plan is to be scalable and as simple and concise as possible at all levels of complexity while operating in a safe and efficient manner. This plan establishes parameters for the effective integration of aviation assets into disaster response and recovery activities.

A central clearinghouse needs to be in place that develops priorities, assigns missions, allocates aircraft and resources; tracks mission results, provides appropriate briefings, collects cost information, and identifies and resolves flight safety and airspace issues, particularly between agencies.



Air Branch Components

Air Coordination Group-Responsible for Reviewing Mission Request and Assign the Missions Out

Air Space Coordination Group-Responsible for coordination of all aircraft operating in the air space restriction zone. This group will primarily be controlled by the FAA

Airport Coordination Group-Responsible working with airports being used to ensure they have everything they need to handle air operations (IE. Forklifts, cargo handling equipment, Airport Fire Suppression Equipment, Living Quarters for Workers, ETC.

Communications Group-Working to ensure air operations has common operating picture allowing all air operations components to be able to communicate.



Air Operations Mission Types

1-Route Recon

2-Levee Patrols

3-Filling Communications Gaps

4-Life safety/Medical Evacuation

5-Movement of equipment

6-Movement of People

7-Movement of Commodities

8-VIP Flights



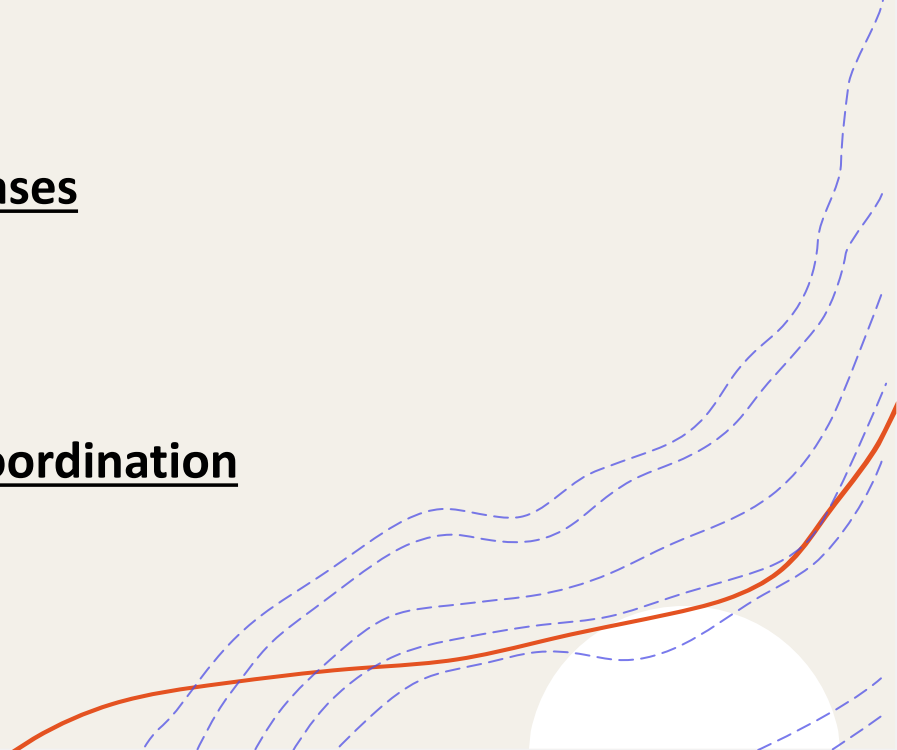


Where We Are Going

- Forming Relationships with Airports
 - Rolla National
 - Springfield-Branson Airport
 - St. Roberts National Airport

 - Pre-Planning for Setting Up Forward Air Bases

 - Pre-Planning Aircraft Missions

 - Working on Command-and-Control Coordination between State/Feds
- 



Summary

The State of Missouri Air Operations Plan is a living breathing document that is ever evolving.

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QUESTIONS



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Response Division

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