Arkansas Aviation Operation Plan
Search & Rescue ESF#9 / ESF #1 (Air) Annex

1.0 Purpose

This annex provides State support to local governments to locate lost and missing people; locate and search Inland/Wilderness areas within the State of Arkansas. This operation includes but is not limited to the remote or undeveloped, rural, road-less areas that primarily require the use of specialized equipment for access. This operation may require responders traveling over land by aircraft.

1.1 Lead Agency ESF #9

1.1.1 Arkansas State Game and Fish

- Emergency Support Function (ESF) #9 –Search and Rescue (S&R) rapidly deploys to provide specialized life-saving assistance to local and State authorities during a disaster. S&R activities include locating, extricating, and providing onsite medical treatment to victims trapped in collapsed structures.

  The State's assistance under this function shall include personnel and equipment resources for the coordination and implementation of the following:

- Search - All activities associated with the discovery of an individual or individuals lost or reported lost.
- Rescue - All activities directed towards and requiring the utilization of trained personnel to locate and extricate persons trapped in damaged buildings, vehicles, woodlands and waterways areas; and to provide emergency medical treatment of such persons.

1.1.2 Arkansas Department of Aeronautics

- The Arkansas Department of Aeronautics (ADA) is the lead agency for the Air Coordination Group (ACG). This agency is responsible providing direction and assistance for the use of aircraft and supporting ESF#1 ground operations lead agency Arkansas Highway Department (ADH).

- Aeronautical Search and Rescue consists of searches of non-urban and wilderness areas that involve locating downed aircraft, lost or missing individuals. Searches are conducted with both fixed wing and rotary wing aircraft assets. Alerts and data from the affected area will be communicated to the SEOC.

1.2 Supporting Agencies

Supporting agencies have resources that may fulfill roles and responsibilities identified in this ESF. Resources will be called upon as needed and provided by supporting agencies as they are available.

- Civil Air Patrol
- Department of Finance and Administration
- Arkansas Forestry Commission
- Arkansas State Police
- Arkansas National Guard

Agency	Functions
Civil Air Patrol	• Provides assistance in aerial damage surveys of transportation infrastructure • The ability to provide air and ground transportation of medicines, blood plasma, personnel, supplies, and equipment etc. • Provides airborne relay/repeater • Digital Photography • Reconnaissance Tasking • GIIEP Cooperation with National Guard
Department of Finance and Administration	Responsible for the provision of fuel along transportation and evacuation routes
Arkansas Forestry Commission	• Provide alternate modes of transportation (all terrain vehicles, off road vehicles) • Air support (fixed wing assets) to include pilots • Provide debris clearance equipment
Arkansas State Police	Assist with enforcement of traffic routes
Arkansas National Guard (AR-NG)	Provides assistance when in State Active Duty status.

1.3 Mission Priorities

To ensure the effective deployment of all available aerial assets and resources that may be used for assessing:

- Life Saving
- Rapid needs assessment
- Infrastructure
- Communications
- Logistical support
- Access / Debris
- Emergency evacuations
- Medical evacuations

1.4 Critical Assumptions

Search and Rescue (SAR) operations may be overwhelmed during emergencies and disasters and local SAR efforts may require technical assistance from other agencies, counties, and the state. Access to impacted locations may be limited due to steep or rocky terrain, water, or woodland areas. Some of these areas may only be accessible by aircraft. Rapid assessment of impacted areas and/or lost individuals will assist in the determination of response priorities. Local residents and unaffiliated volunteers may initiate activities to assist in SAR operations and will require coordination and direction.

1.5 Damage / Safety Assessment

Damage / Safety Assessments are the basis for determining the need to identify hazards. An initial damage estimate is developed during the emergency response phase to guide operational decisions and support a request for a Governor's proclamation and for the State to request a presidential declaration. During any type of disaster or large-scale emergency the potential need for aerial operations is apparent. Emergency funding from the federal government requires a systematic damage assessment that may only be available from an aerial view. Different areas of the state can be isolated by damaged bridges/roads that are impassible in the affected areas. As soon as possible following a catastrophic event, an aerial assessment is conducted on buildings, airports, roads, bridges, pipelines, and power lines. All information is relayed to the SEOC.

1.5.1 Staging Areas

Potential staging areas should be pre-identified by ESFs and their state supporting agencies as part of planning for an identified risk area. Utilization and management of the staging areas will be coordinated with all ESFs, and with appropriate state and local officials, to assure site availability and to facilitate resource management.

ESF #1 (Ground) AHTD (Arkansas Highway & Transportation Department)

- Little Rock
- Batesville
- Pine Bluff

ESF #8 ADH (Arkansas Department of Health)

- Searcy Airport (New Madrid event)
- All other staging areas will be incident driven

ESF #9 AGF (Arkansas Game & Fish)

- Walnut Ridge Airport (New Madrid event)
- All other staging areas will be incident driven

ESF #13 ASP (Arkansas State Police)

- Newport Airport (New Madrid event)
- All other staging areas will be incident driven

1.6 Mutual Aid

The requisition for out-side resources may take up to 72 hours to arrive from the first call of assistance based on the distance and condition of the affected area. All mutual aid requests (state/federal) will be requested from the SEOC once all local resources have been exhausted.

1.7 Annex Maintenance

ADEM and the ACG have the responsibility of coordinating, developing and maintaining the Earthquake Annex in association with the Arkansas Air Operations Plan. This annex will be updated in conjunction with the Arkansas Comprehensive Emergency Management Plan (ARCEMP).

2.0 Maps

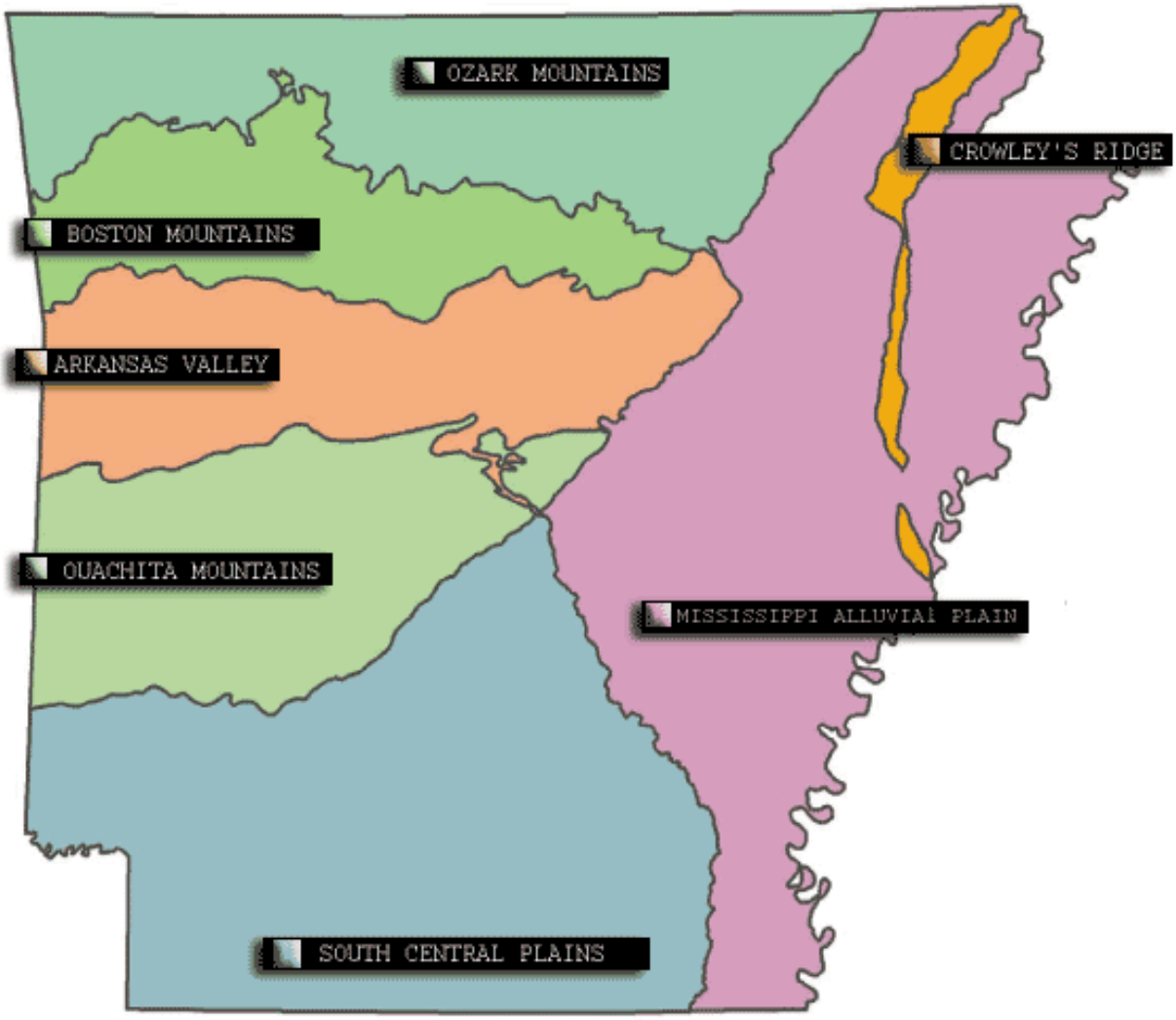
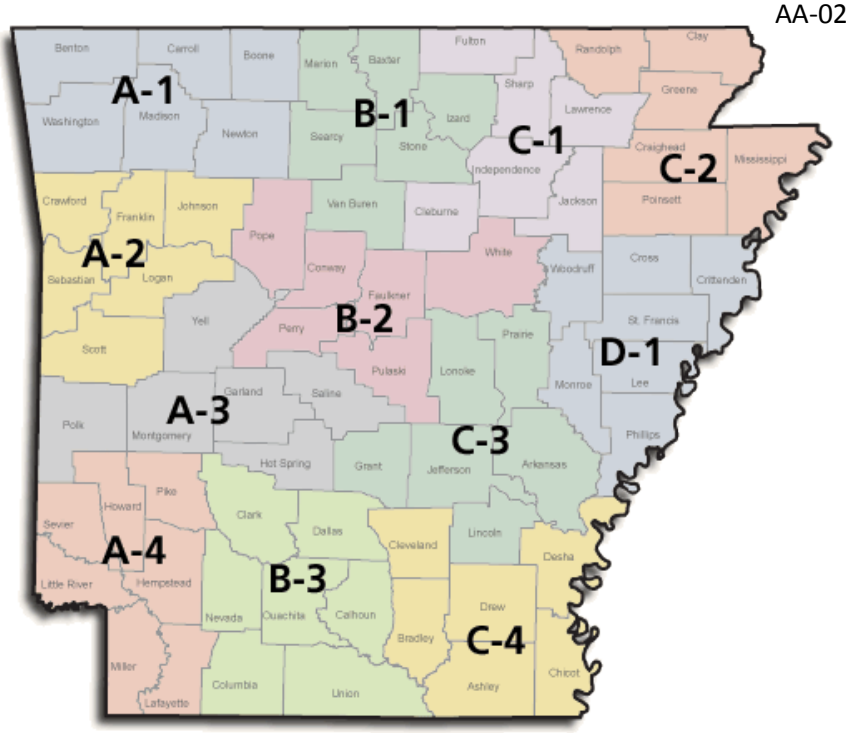


Figure 1: State Map w/regions [1]

- Ozark Mountains
- Boston Mountains
- Crowley's Ridge
- Arkansas Valley
- Ouachita Mountains
- Mississippi Alluvial Plain
- South Central Plains

[1] Arkansas Game and Fish Eco-regions map



A-1: (866) 253-2506 - 455 Dam Site Road, Eureka Springs (Benton Boone Carroll Madison Newton Washington)

A-2: (877)-478-1043 - 8000 Taylor Avenue, Fort Smith (Crawford Franklin Johnson Logan Scott Sebastian)

A-3: (877)-525-8606 - 350 Fish Hatchery Road, Hot Springs (Garland Hot Spring Montgomery Polk Saline Yell)

A-4: (877)-777-5580 - 67 East, Perrytown (Hempstead Howard Lafayette Little River Miller Pike Sevier)

B-1: (877)-297-4331 - 56 North, Calico Rock (Baxter Izard Marion Searcy Stone Van Buren)

B-2: (501)-470-1314 - 213A Hwy. 89 South, Mayflower (Conway Faulkner Perry Pope Pulaski White)

B-3: (877)-836-4612 - 500 Ben Lane, Camden (Calhoun Clark Columbia Dallas Nevada Ouachita Union)

C-1: (877)-625-7521 - 895 Hwy. 342, Mammoth Spring (Cleburne Fulton Independence Jackson Lawrence Sharp)

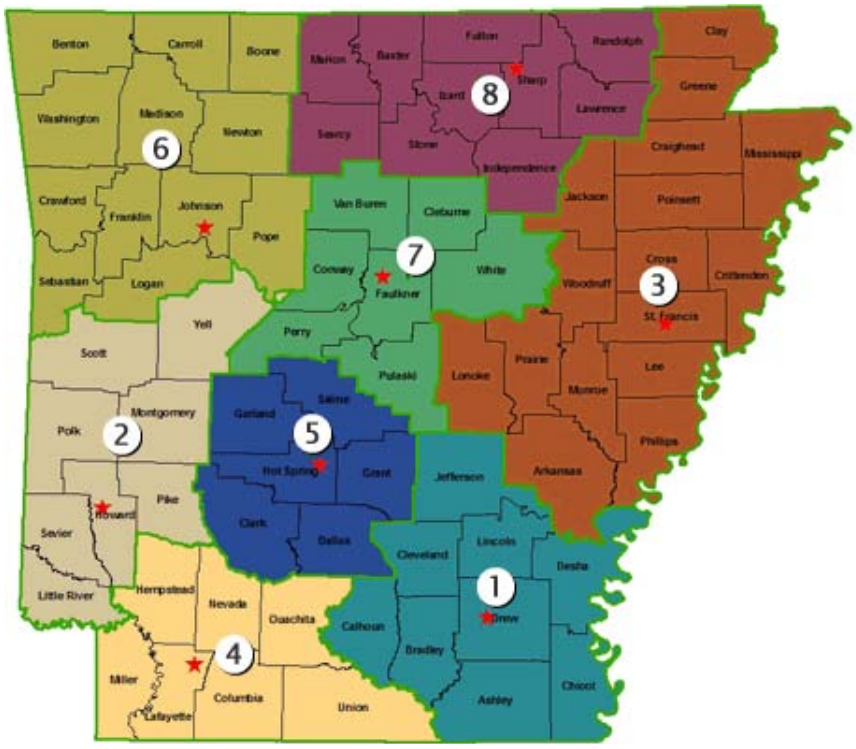
C-2: (877)-972-5438 - 600-B East Lawson Road, Jonesboro (Clay Craighead Greene Mississippi Poinsett Randolph)

C-3: (877)-873-4651 - 31 Halowell Lane, Humphrey (Arkansas Grant Jefferson Lincoln Lonoke Prairie)

C-4: (877)-367-3559 - 771 Jordan, Monticello (Ashley Bradley Chicot Cleveland Desha Drew)

D-1: 877-734-4581 - 1201 Hwy. 49 North, Brinkley (Crittenden Cross Lee Monroe Phillips St. Francis Woodruff)

Figure 2: Arkansas Game and Fish Regional Offices



District 1: (870)-367-6767 - Monticello, AR (Ashley, Bradley, Calhoun, Chicot, Cleveland, Desha, Drew, Jefferson, Lincoln)

District 2: (870)-286-2139 - Dierks, AR (Howard, Little River, Montgomery, Pike, Polk, Sevier, Scott, Yell)

District 3: (870)-633-6693 - Forrest City, AR (Arkansas, Clay, Craighead, Crittenden, Cross, Greene, Jackson, Lee, Lonoke, Mississippi, Monroe, Phillips, Poinsett, Prairie, St. Francis, Woodruff)

District 4: (870)-533-4641 - Stamps, AR (Columbia, Hempstead, Lafayette, Miller, Nevada, Ouachita, Union)

District 5: (501)-332-2081 - Malvern, AR (Clark, Dallas, Garland, Grant, Hot Spring, Saline)

District 6: (479)-754-2741 - Clarksville, AR (Crawford, Franklin, Johnson, Logan, Pope, Scott, Sebastian, Yell, Benton, Boone, Carroll, Madison, Newton, Washington)

District 7: (501)-679-2806 - Greenbrier, AR (Cleburne, Conway, Faulkner, Perry, Pulaski, Van Buren, White)

District 8: (870)-994-2187 - Ash Flat, AR (Fulton, Independence, Izard, Lawrence, Randolph, Sharp, Baxter, Marion, Searcy, Stone)

Figure 3: AFC's District Map

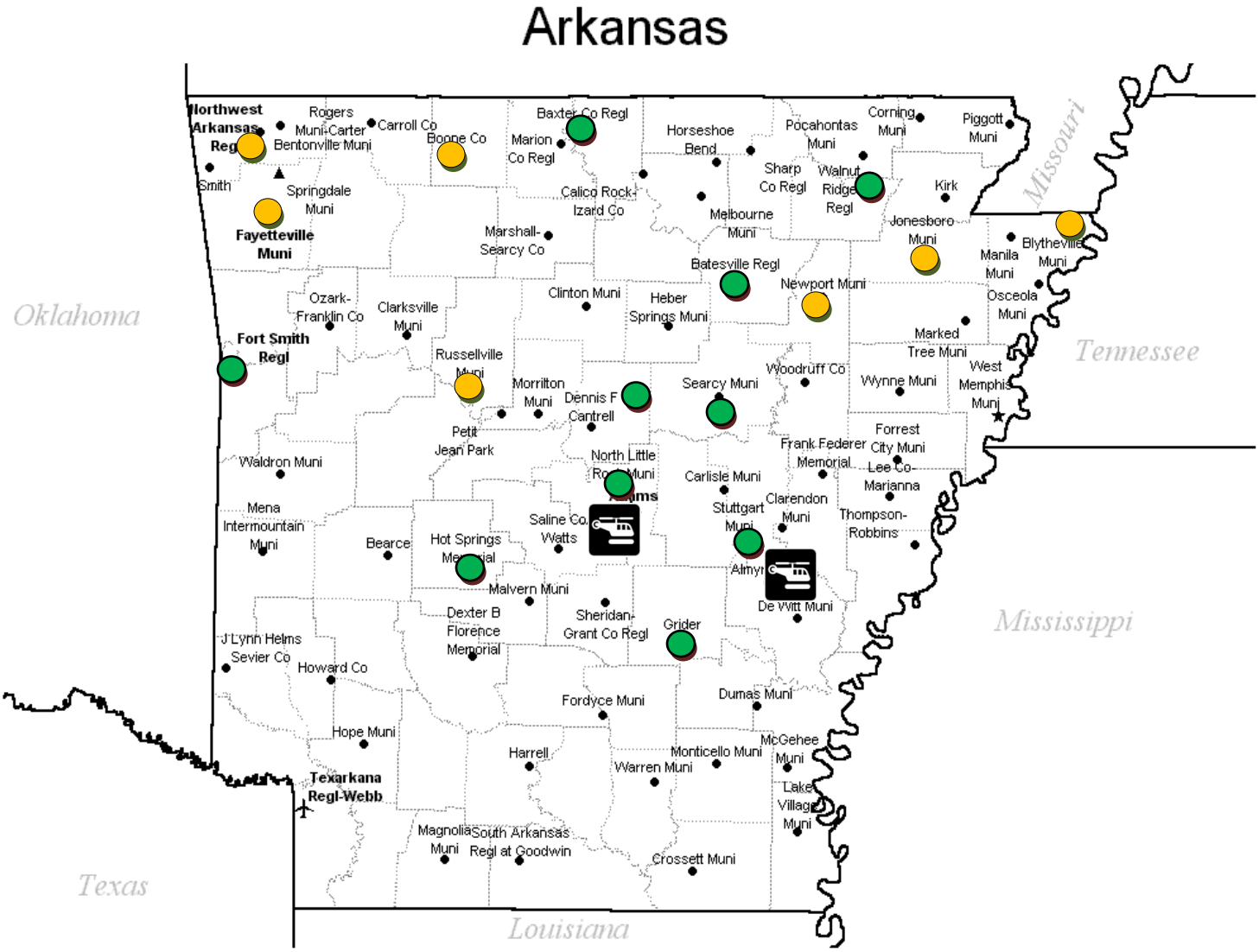


Figure 5: Primary & Secondary Airports

***Airport information found in Arkansas Airport Directory or page 7 & 8 of this annex, additional Airport information can be found in Appendix 1 of the Air Operations Plan**

3.0 Primary and Secondary Airports

Name	CODE	Runways	Max on Ground
Walnut Ridge Regional	ARG	04-22 6000x150 13-31 5000x150 18-36 5000x150	MOG 20
Searcy Municipal	SRC	01-19 6000x100	MOG 4
Mountain Home	BPK	05-23 5000x75	MOG 2
Batesville Regional	BVX	07-25 6000x150	MOG 2 (6 w/closed runway)
Stuttgart Municipal	SGT	04-22 6600x144 13-31 5200x100 **Helipad 60′**	MOG 29
Little Rock Adams Field	LIT	04L-22R 8200x150 04R-22L 8200x150 18-36 5200x100 **Helipad 50′**	MOG 14 (20 w/closed runway)
Jacksonville LRAFB	LRF	07-25 12000x200 69-259 3400x60	
Pine Bluff Grider Field	PBF	18-36 6000x60	MOG 1
Fort Smith Regional	FSM	01-19 5002x150 07-25 8000x150	MOG 8
Hot Springs Memorial Field	HOT	05-23 6500x150 13-31 4000x150	MOG 2

***AWIN Capable: Stuttgart, Little Rock, Pine Bluff, Fort Smith, and Hot Springs**

***Maximum on the Ground (MOG) is based on C-130J Footprint**

4.0 Secondary Airports

Name	CODE	Runways		Max on Ground
Jonesboro Municipal	JBR	05-23 13-31	6200x150 4000x150	MOG 2
Blytheville Municipal	BYH	18-36	11600x150	MOG 28 (37 w/Christmas Tree)
Newport Municipal	M19	04-22 18-36	5000x150 5000x150	MOG 6
Harrison Boone County	HRO	18-36	6161x150	MOG 1 (4 w/taxiway closed)
Russellville Regional	RUE	07-25	5094-75	MOG 4 (w/taxiway closed)
Fayetteville Drake Field	FYV	16-34	6006x100	MOG 7 (10 w/taxiway closed)
Northwest Arkansas Regional	XNA	16-34	8800x150	MOG 11 (20 w/taxiway closed)

***AWIN Capable: Fayetteville Drake Field, Northwest Arkansas Regional**

***Maximum on the Ground (MOG) is based on C-130J Footprint**

5.0 Authorities

- Arkansas Code Annotated 12-75-114 Governor's Authority during State of Disaster Emergency.
- Arkansas Code Annotated 12-27-109 to 112 Arkansas Department of Emergency Management.
- Arkansas Code Annotated 12-78-101 to 105 Emergency Communications Act of 1991.
- Arkansas Code Annotated 12-83-101 to 105 Emergency Volunteer Reserve Act of 1995.
- Executive Orders of the Governor of Arkansas.
- Federal Civil Defense Act of 1950.
- Federal Aviation Act of 1958.
- Homeland Security Presidential Directive 5 (HSPD - 5), Management of Domestic Incidents, February 28, 2003.
- Post-Katrina Emergency Management Reform Act of 2006 (PKEMRA), Public Law 109-295.
- Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, 42 U.S.C. 5121, et seq., as amended.
- Code of Federal Regulations
- US Department of Transportation
- National Transportation Safety Board

5.1.1 References

- AFD-070808-022—Defense Support to Civil Authorities (DSCA) Handbook: Air Support Handbook, August 1, 2007.
- AFNORTH Instruction 10-202A, Joint Concept of Operations (J-CONOPS) Air Mobility Coordination for Crisis Response, March 2, 2009.
- CJCSI 3710.01 DOD, Counterdrug Support, January 28, 2008.
- Department of Homeland Security Management Directive System MD Number: 0021, Aviation Concept of Operations, April 18, 2005.
- Department of Homeland Security Management Directive System MD Number: 0020.1, Aviation Management and Safety, February 22, 2005.
- DHS (U.S. Department of Homeland Security). 2008. National Response Framework. Washington, DC.
- DOD Directive 3025 DOD, Manual for Civil Emergencies, June 2, 1994.
- DOD Directive 3025 Defense Support of Civil Authorities, 5525 Military Support of Civilian Law Enforcement series, January 15, 1993.
- Federal Aviation Regulation Part (FAR) 91.137, General Operating and Flight Rules, October 11, 2001.
- Federal Aviation Regulation Part (FAR) Part 99.7, Security Control of Air Traffic, March 30, 2004.
- National Interoperability Field Operations Guide v1.2, DHS Office of Emergency Communications, March 2008.
- National Incident Management System (NIMS), December 2008.
- PMS 311-83, National Wildfire Coordinating Group Task Book for the Position of: Area Command Aviation Coordinator (ACAC), May 2008.
- U.S. National SAR Supplement (NSS), May 2000.
- USFS-BLM Interagency Airspace Coordination Guide, July 29, 2003.
- Federal Aviation Administration (AMP) Airspace Management for Disasters
- FAA Airspace Management Plan for Disasters
- AFD-070808-022—*Defense Support to Civil Authorities (DSCA) Handbook: Air Support Handbook*, August 1, 2007.
- 2013 AR Comprehensive Emergency Management Plan (ARCEMP)

6.0 Record of Changes

Date of Change and Initials	Nature of Change and Location	Revision