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**National Wildfire
Coordinating Group**



Interagency Emergency Helicopter Extraction Source List

PMS 512

AUGUST 2016



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PMS 512

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Introduction

Purpose

The *Interagency Emergency Helicopter Extraction Source List (PMS 512)* provides Incident Management and Coordination System personnel a national list of emergency helicopter extraction availability and capability.

Emergency helicopter extraction is used to insert emergency response personnel and/or extract critically injured personnel from remote or inaccessible locations.

This source list is compiled from federal, state, municipal governments, military, and Emergency Medical Response (EMS) programs throughout the country. This document can be useful when filling in the "Emergency Contact Checklist" on the *Interagency Mishap Response Guide & Checklist (PMS 503)*, available at <http://www.nwcg.gov/publications/503>

The NWCG National Interagency Aviation Committee intends to keep this document continuously updated. However, accuracy of source information can change due to unforeseen circumstances, and many factors may influence availability and response times. Users must verify source information accuracy based on individual needs and circumstances.

Note: If you find information that should be added, changed or is missing from the source list, please make corrections on the blank source list template in the appendix and fax or email to:

National Short-Haul Specialist
USDA-Forest Service
3833 S. Development Ave.
Boise, ID 83705-5398
sethweber@fs.fed.us
Fax – (208)-387-5735

Definitions

Rescue Hoist: A cable winching device permanently mounted to the helicopter that is capable of lowering/raising persons attached to the cable.

Short-haul: To transport one or more persons suspended on a fixed line (150'-250') beneath a helicopter. The intent is to transport persons a short distance (short-haul), normally from a limited or inaccessible location to a safe landing area.

Ordering Resources

Careful consideration should be given by the on-scene Incident Commander and/or EMS personnel prior to making the determination to request and initiate the use of the following resources.

Most of the aircraft shown on the source list are not inspected/carded nor approved by a USFS or DOI Cooperator Aircraft Letter of Approval. These non-approved aircraft do not have current procurement agreements with the federal agencies and as such cannot be directly ordered from the vendor.

Contract aircraft that are federally carded and approved for short haul or cooperator aircraft approved by a letter of approval may be used exclusively (on stand-by) for an incident through normal dispatch/helibase ordering procedures.

Process for activation of military aircraft may vary from state to state. There may be delays in response.

Aircraft that **have not been** inspected/carded or approved by a Cooperator Aircraft Letter of Approval for agency use shall not be placed on stand-by for a federal incident but may be ordered through the emergency “911” system as approved by the appropriate Incident Commander or Line Officer

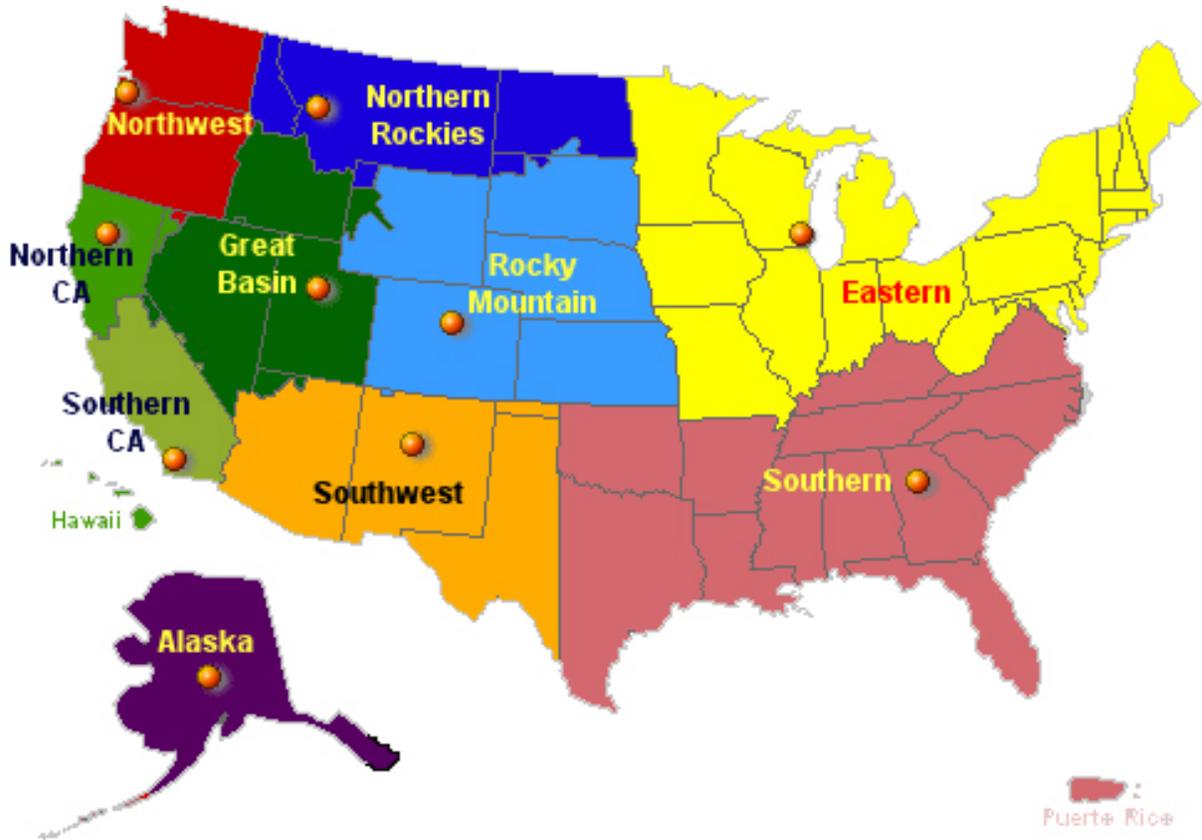
An emergency helicopter request should be initiated and coordinated through the local dispatch or Geographical Area Coordination Center (GACC).

For time critical or potential long term assignments request military, National Guard or Coast Guard extraction capable resources through the Air Force Rescue Coordination Center (ARFCC), phone #: 800-851-3051. It is their job to locate the closest asset to fulfill your emergency rescue needs. It is important to note resource availability may be limited due to military deployments or other factors, and response time may be 2-3 hours.

In some circumstances, orders for county/sheriff department owned aircraft can be placed directly or with the specified contact.

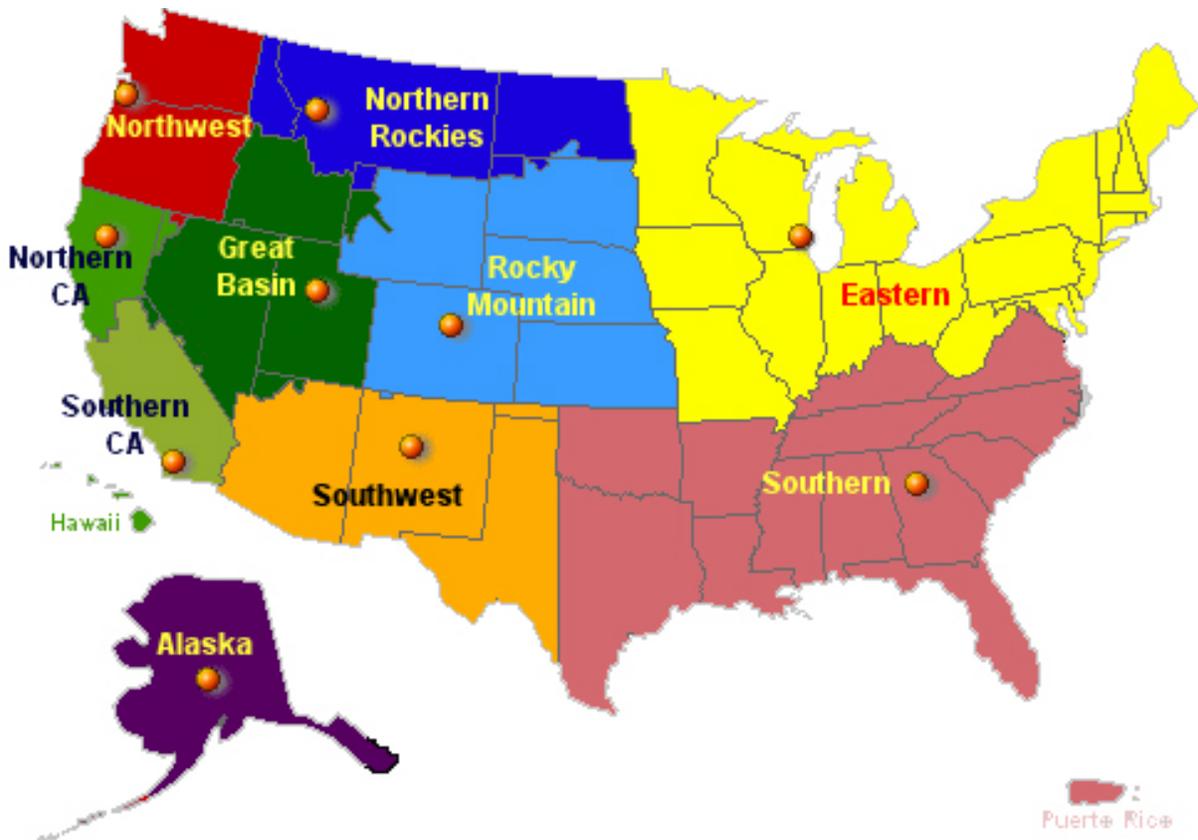
Additional Resource Information

[Atlas & Database of Air Medical Services \(ADAMS\)
http://www.adamsairmed.org/public_site.html](http://www.adamsairmed.org/public_site.html)



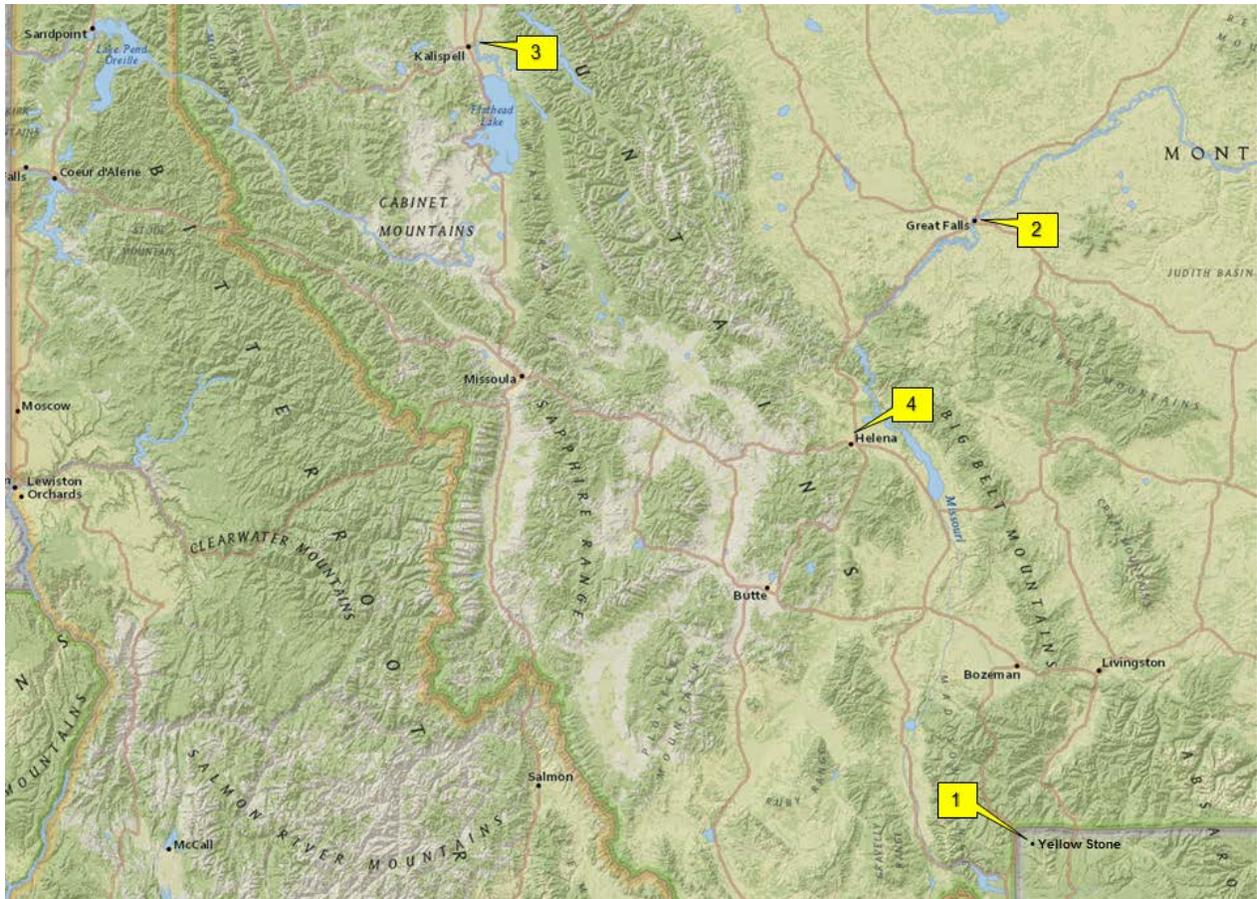
Emergency Helicopter Extraction Availability

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Northern Rockies

Northern Rockies Helicopter Source Locations



1. **Yellowstone NP, WY** – National Park Service (Short-haul)
2. **Great Falls, MT** – Active Military (Hoist)
3. **Kalispell, MT** – Flathead County Sheriff Dept.
4. **Central Montana Helitack**– USFS (Short-Haul)

1. Yellowstone, WY – National Park Service

Make & Model	A-star AS-350 B3	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	135 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2.5 Hours (340 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT (Can also provide Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	This is a national fire resource helicopter. Available for long term assignment for national/regional incidents. Procurement can be initiated by MOU or incident "P" number. Check availability, may already be assigned to incident.	
Ordering Procedure:	Contact: Bozeman Interagency Dispatch Center (BZC), 406-587-6719, or Yellowstone Dispatch, Laura Dooley, 307-344-2181.	
Hoist Type:	None/Short-haul	

2. Great Falls, MT – Active Military – Airforce (Malstrom Air Force Base)

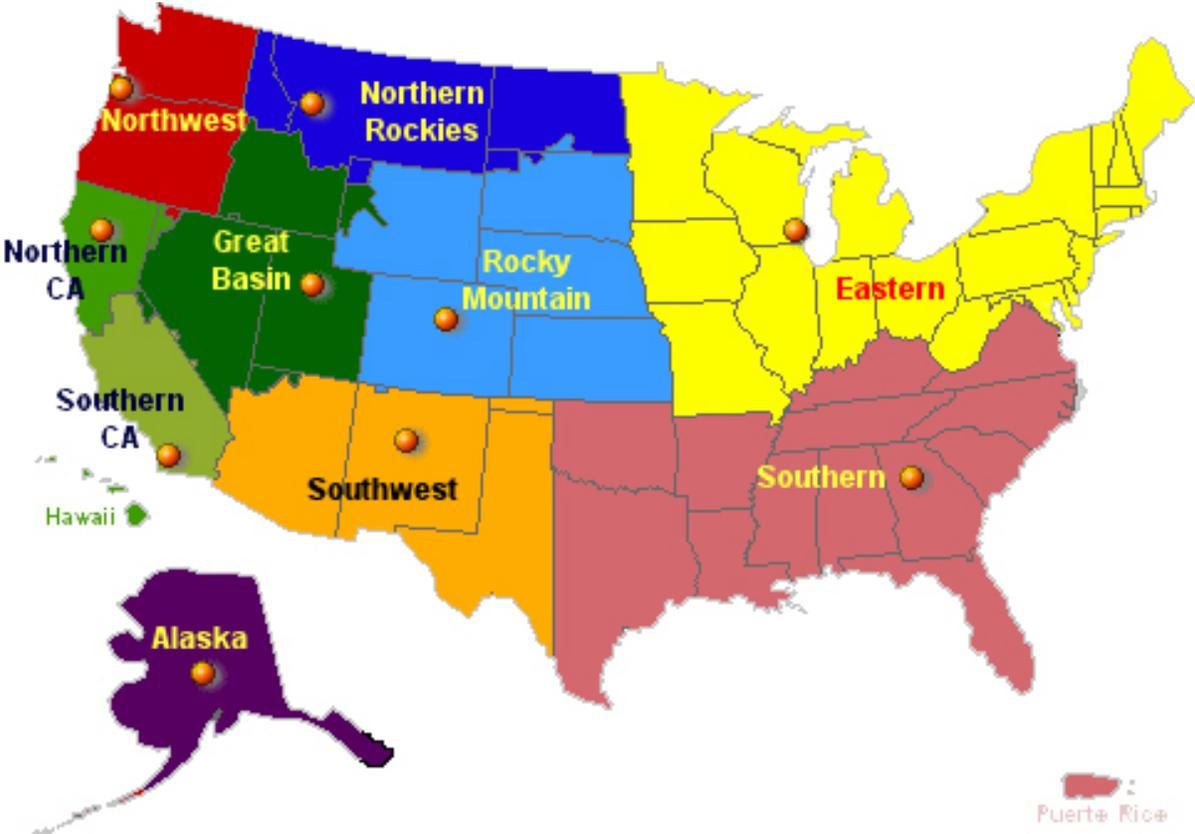
Make & Model	Bell 205 (UH-1H)	
Perform @ 7000°/90° F.	Marginal	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	No	
Order Response Time	2 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	315 miles (2.5 hours)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Flight Doctor (must request) & EMT	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	Direct contact: Malstrom Air Force Base, phone: 406-731-3801. Available only within state of MT.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

3. Kalispell, MT – Flathead County Sheriff (*Air One*)

Make & Model	Bell 429	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 knots	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes digital.	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 minutes	
Hoist Type:	External 600 pound capacity Goodrich with 280 foot line.	
Fuel Cycle:	300 Nautical Miles	
Refueling:	FBO	
Medical Personnel:	Paramedic and EMT	
Paid Extended Staffing:	Does not apply.	
Paid Relocation:	Does not apply.	
Notes:	To be ordered for specific emergencies only. Not to be ordered for standby. Does have AFF.	
Ordering Procedure:	Have local dispatch place order with Flathead County Sheriff Dispatch 406-260-4319.	

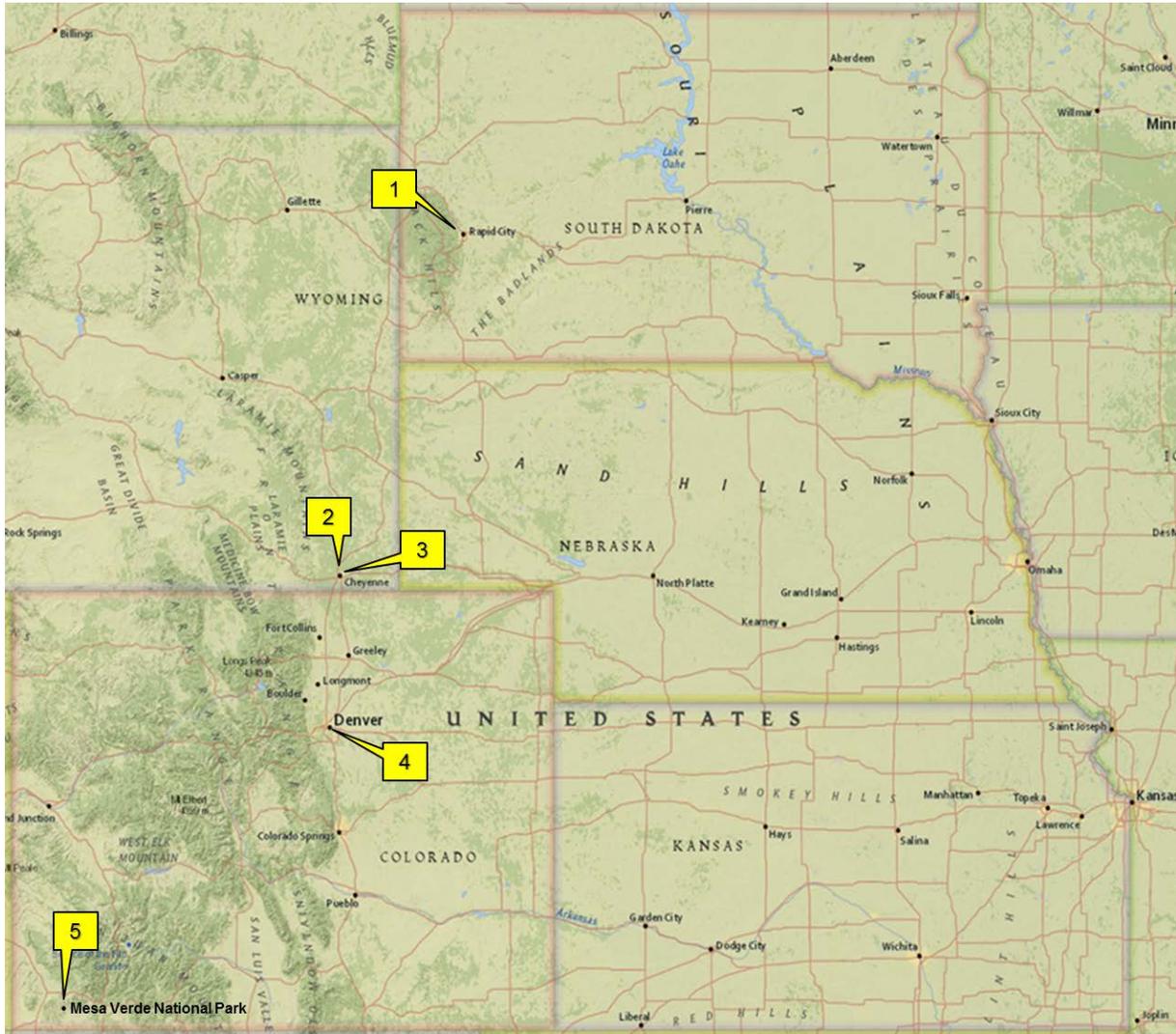
4. Central Montana Helitack– USFS

Make & Model	A-star AS-350 B3	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	135 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2.5 Hours (340 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT (Can also provide Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	This is a national fire resource helicopter. Available for long term assignment for national/regional incidents. Procurement can be initiated by MOU or incident "P" number. Check availability, may already be assigned to incident.	
Ordering Procedure:	Contact: Helena Interagency Dispatch Center (Day) 406 449-5475, (Night) 406 444-4242	
Hoist Type:	None/Short-haul	



Rocky Mountain

Rocky Mountain Helicopter Source Locations



1. **Rapid City, SD** – South Dakota National Guard (Hoist)
2. **Cheyenne, WY** – Active Military (Hoist)
3. **Cheyenne, WY** – Wyoming National Guard (Hoist)
4. **Aurora, CO** – Colorado Air Guard (Hoist)
5. **Mesa Verde, CO** – National Park Service (Short-haul)

1. Rapid City, SD - South Dakota National Guard
(Located at Army Aviation Support Facility (AASF))

Make & Model	Blackhawk (UH-60A)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-6 hours in-state, 2-day intra-state	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	350 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	None	
Paid Extended Staffing:	In-state, Intra-state under Emergency Management Assistance Compact (EMAC) mutual aid agreement.	
Paid Relocation:	Reimbursement determined by Joint Powers Agreement between Dept of AG, FS and SD Office of Emergency Mgmt.	
Notes:	Direct contact: LTC Jim Selchert, 605-391-8173 or SMSgt. Sergeant Kevin Kreullen, 605-390-9499	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

2. Cheyenne, WY - Active Military – Air Force (Warren Air Force Base)

Make & Model	Bell 212 UH-1N	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	315 miles (2.5 hours)	
Refueling:	315 miles (2.5 hours)	
Medical Personnel:	Flight Doctor	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	Direct contact: Ladd, 307-773-2001 or, 773-3921	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

3. Cheyenne, WY - Wyoming National Guard

Make & Model	Blackhawk (UH-60A)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	350 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Medic may be on board, depends on staffing.	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:		
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

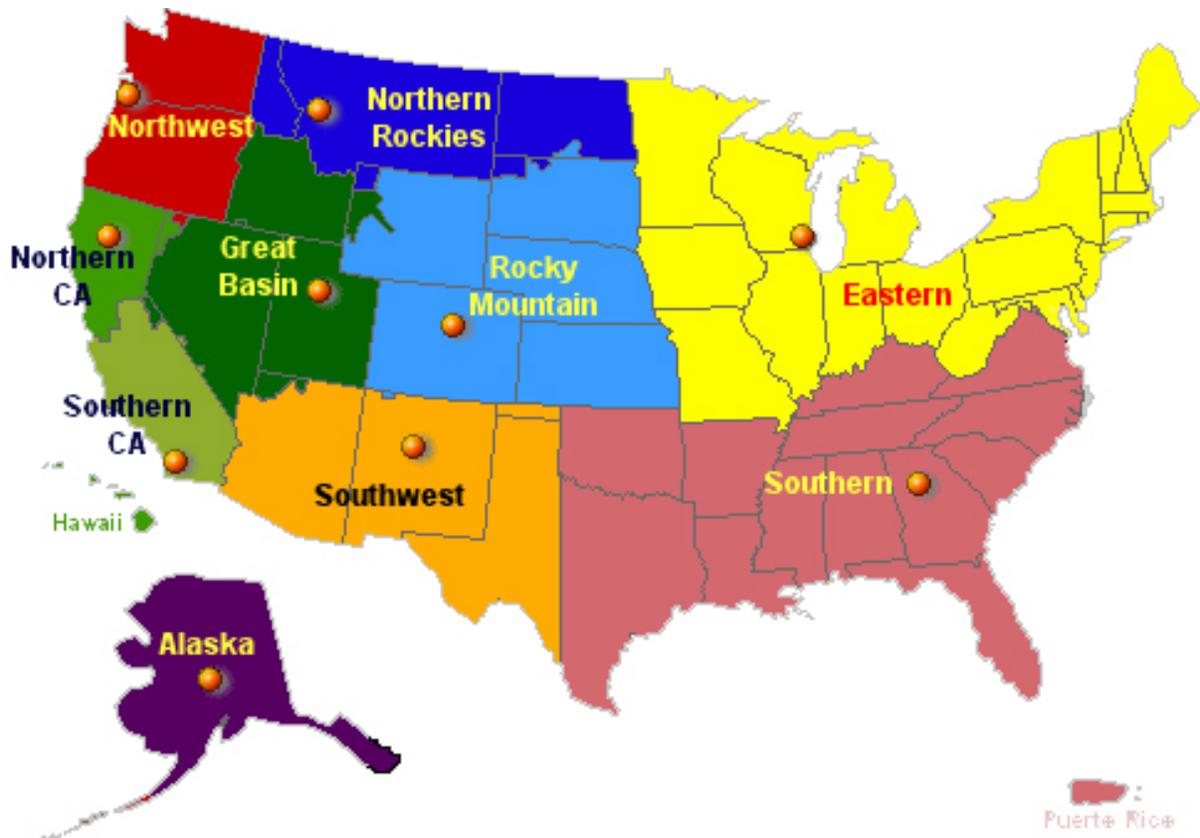
4. Aurora, CO – Colorado Air Guard

Make & Model	Blackhawk (UH-60A)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-1.5 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	350 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Medic may be on board, depends on staffing.	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	A heli-basket is available if requested.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

5. Mesa Verde, CO – Mesa Verde N.P.-National Park Service

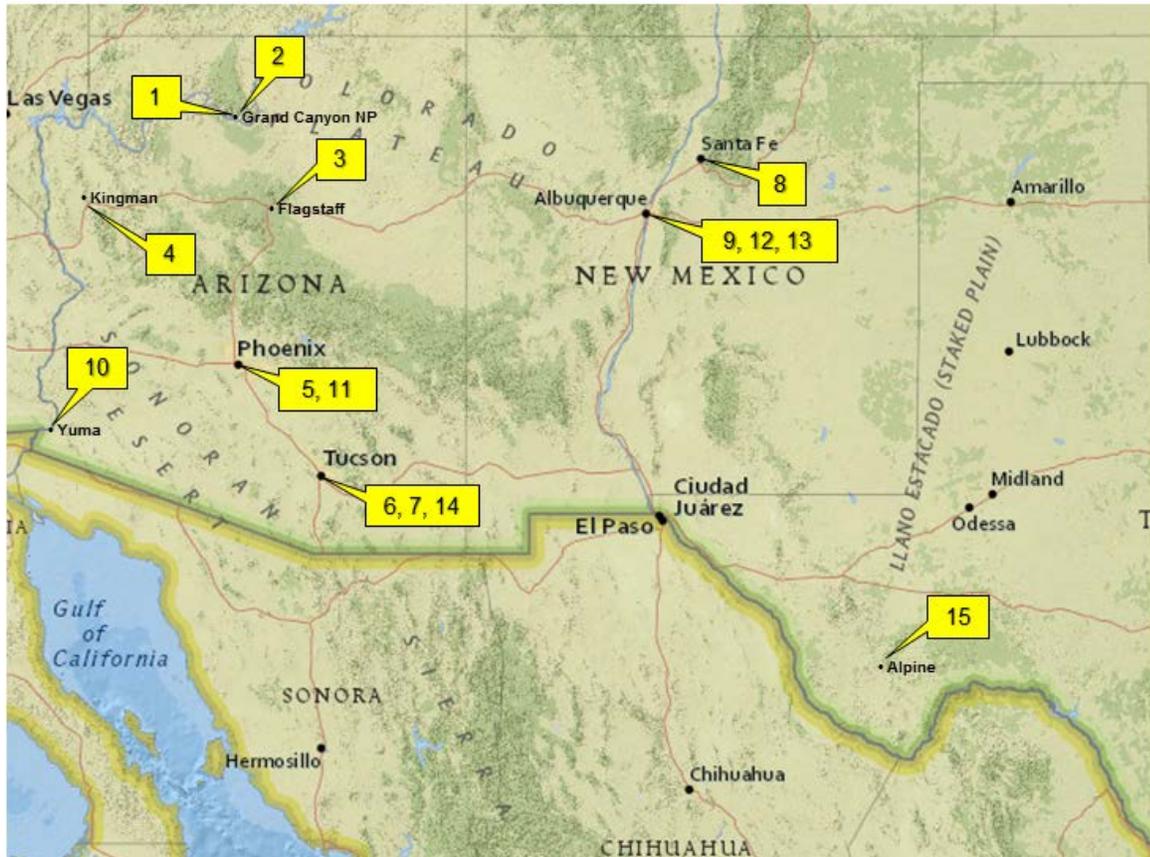
Make & Model	Bell 206L-4	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	120mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 min	
Hoist Type:	none/Short-Haul	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT (Can also provide Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	This is a national fire resource helicopter stationed at Mesa Verde National park. Available for long term assignment for national/regional incidents. Procurement can be initiated by MOU or incident "P" number. Check availability, may already be assigned to incident.	
Ordering Procedure:	Contact the aircraft desk at Durango Interagency Fire Dispatch Center (DRC) 970-385-1324	

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Southwestern

Southwestern Helicopter Source Locations



1. **Grand Canyon, AZ** – National Park Service (Short-haul)
2. **Grand Canyon, AZ** – National Park Service (Short-haul)
3. **Flagstaff, AZ** – Arizona Department of Public Safety (Short-haul)
4. **Kingman, AZ** – Arizona Department of Public Safety (Short-haul)
5. **Phoenix, AZ** – Arizona Department of Public Safety (Short-haul)
6. **Tucson, AZ** – Arizona Department of Public Safety (Short-haul)
7. **Tucson, AZ** – Active Military (Hoist)
8. **Santa Fe, NM** – New Mexico National Guard (Hoist)
9. **Albuquerque, NM** – Active Military (Hoist)
10. **Yuma, AZ** – H&HS Yuma OpsO (Hoist/ Short-haul)
11. **Phoenix, AZ** – Phoenix Police/Fire Department (Hoist)
12. **Albuquerque, NM** – Bernalillo County Sheriff's Department (Hoist)
13. **Albuquerque, NM** – Bernalillo County Sheriff's Department (Hoist)
14. **Tucson, AZ** – US Forest Service (Short-Haul)
15. **Alpine, TX** – Texas Department of Public Safety (Hoist)

1. Grand Canyon, AZ - National Park Service

Make & Model	MD-900/207E	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	138 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	1-1.5 Hours	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2 Hours (280 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT/Paramedic (includes Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	This is a national fire resource helicopter. Available for long term assignment for national/regional incidents. Procurement can be initiated by MOU or incident "P" number. Check availability, may already be assigned to incident. Both helicopters are not available simultaneously.	
Ordering Procedure:	Contact: Williams Dispatch Center (WDC), 928-635-8356	

2. Grand Canyon, AZ - National Park Service

Make & Model	A-star (AS350 B3)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2.5 Hours (340 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT/Paramedic (includes Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	This is a national fire resource helicopter. Available for long term assignment for national/regional incidents. Procurement can be initiated by MOU or incident "P" number. Check availability, may already be assigned to incident. Both helicopters are not available simultaneously.	
Ordering Procedure:	Contact: Williams Dispatch Center (WDC), 928-635-8356	

3. Flagstaff, AZ
4. Kingman, AZ
5. Phoenix, AZ
6. Tucson, AZ - Arizona Department of Public Safety

Make & Model	5 – Bell 407's	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	5-10 Minutes	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A). Have fuel trucks/trailer for each unit.	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	State Emergency Response helicopters. Available for medical, SAR, and LE missions. Immediate short term fire suppression (Bambi Bucket).	
Ordering Procedure:	Contact: AZ Dept. of Public Safety Dispatch 1-800-247-6337. Aviation Bureau 602-223-2535 business hours.	

7. Tucson, AZ - Active Military - Air Force (Davis-Monthan Air Force Reserve)

Make & Model	Pavehawk (HH60)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-2 Hours	
Hoist Type:	Breeze Eastern/Lucas Western (Rated 600 lbs./200' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Possible In-flight refueling	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No.	
Notes:	Direct contact: 305 RQS, Lt. Col Beatty, phone #: 520-228-5290 or 520-228-2316 or 520-228-2168	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

8. Santa Fe, NM - New Mexico National Guard

Make & Model	Blackhawk (UH-60A)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-2 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	350 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Medic on board.	
Paid Extended Staffing:	No.	
Paid Relocation:	No.	
Notes:	Contact CPT Kevin Doo. 505-474-1158 or cell 505-699-2122	
Ordering Procedure:	GACC 505-842-3473 or 911 dispatch center should coordinate requests for New Mexico	

9. Albuquerque, NM - Active Military - Air Force (Kirtland Air Force Base)

Make & Model	Pavehawk (HH60)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-2 Hours	
Hoist Type:	Goodrich or Lucas Western (Rated 600 lbs./200' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Possible In-flight refueling	
Medical Personnel:	No	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No.	
Notes:	Direct contact: 512 RQS, Lt. Col Carlos Brown, phone #: 505-846-6414. For expedited dispatch call direct 505-846-9482 or 505-846-3777 before you call AFRCC	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

10. Yuma, AZ - H & HS Yuma OpsO

Make & Model	Bell HH-1N "Huey"	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	110 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Min 24/7/365	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable) Also short haul 600lbs/ 250'	
Fuel Cycle:	200 miles	
Refueling:	Can refuel where (Jet-A) is available.	
Medical Personnel:	1 Navy Corpsman EMT equivalent	
Paid Extended Staffing:	Extended staffing provided	
Paid Relocation:	Mission Dependent	
Notes:	Direct contact 928-269-2326	
Ordering Procedure:	AFRCC 800-851-3051 or direct contact above. (direct contact more expedient)	

11. Phoenix, AZ - Phoenix Police

Make & Model	Augusta A109E Power	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	160 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	No	
Order Response Time	0-30 Minutes	
Hoist Type:	Breeze Eastern (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 hrs/ 300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Fuel trailer is available.	
Medical Personnel:	Phoenix fire paramedics (ALS)	
Paid Extended Staffing:	Extended staffing provided 24/ 7	
Paid Relocation:	No	
Notes:	None	
Ordering Procedure:	City of Phoenix Police dispatch Air Unit Hanger 602- 262- 6151	

12. Albuquerque, NM - Bernalillo County Sheriff's Department

Make & Model	A-Star (AS350 B3)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes** (see notes)	
Order Response Time	0-30 Minutes	
Hoist Type:	Lucas Goodrich (300 lbs. capacity)	
Fuel Cycle:	2.5 hours (340 miles)	
Refueling:	Can refuel @ FBOs (Jet A). We also have a fuel truck for away ops.	
Medical Personnel:	Paramedic/EMT and support personnel	
Paid Extended Staffing:	Determined by flight request	
Paid Relocation:	Yes Case-by case basis	
Notes:	**NVG- search and rescue but not for hoist operations. Helicopter N911ZZ, comes equipped with a day camera/flir and downlink.	
Ordering Procedure:	Contact Bernalillo County Communication Center at (505)798-7000. Director of Operations is Deputy Larry Koren Phone (505)239-1241	

13. Albuquerque, NM - Bernalillo County Sheriff's Department

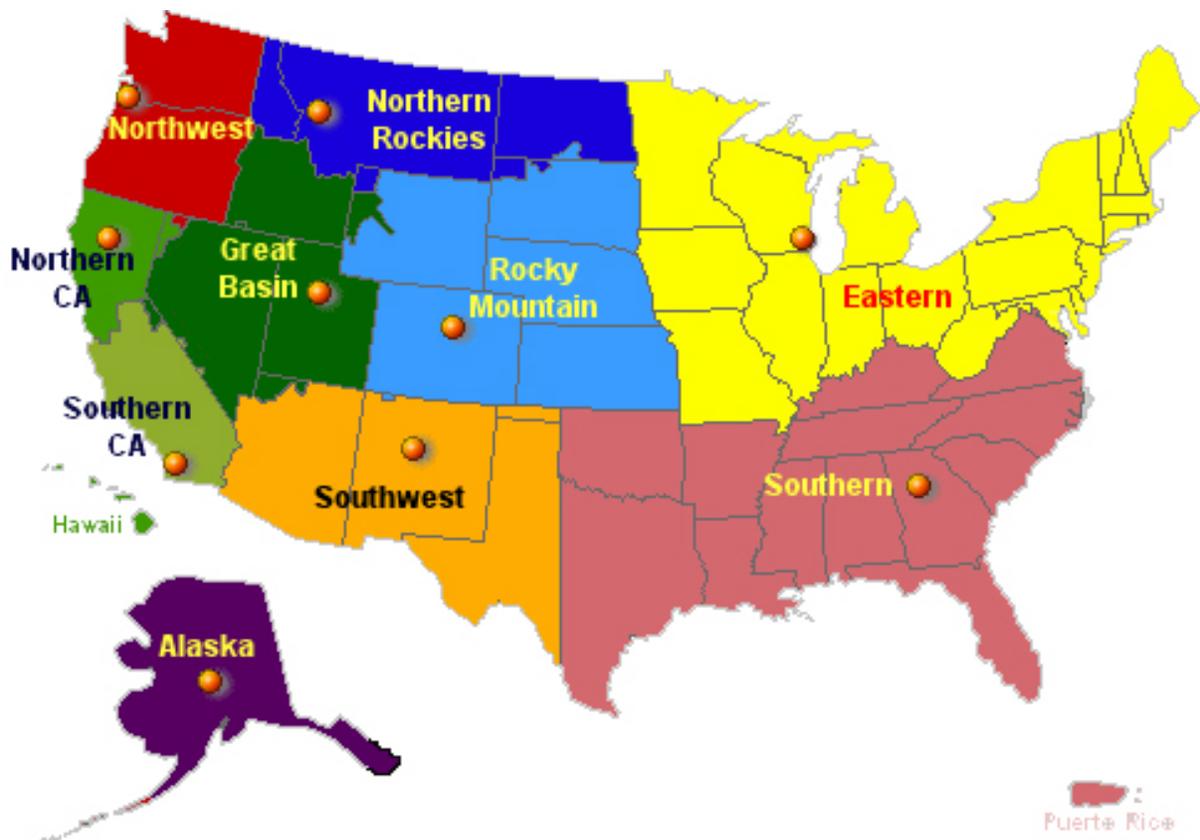
Make & Model	Bell UH-1H "Huey"	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	110 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes** (see notes)	
Order Response Time	0-30 Minutes	
Hoist Type:	Goodrich (600 lbs./250 ft)	
Fuel Cycle:	2.5 hours (230 miles)	
Refueling:	Can refuel @ FBOs (Jet A). We also have a fuel truck for away ops.	
Medical Personnel:	Paramedic/EMT and support personnel	
Paid Extended Staffing:	Determined by flight request	
Paid Relocation:	Yes Case-by case basis	
Notes:	**NVG- search and rescue but not for hoist operations. Helicopter N911SZ comes equipped with a day camera/flir and downlink.	
Ordering Procedure:	Contact Bernalillo County Communication Center at (505)798-7000. Director of Operations is Deputy Larry Koren Phone (505)239-1241	

14. Tucson, AZ – Coronado National Forest

Make & Model	A-Star (AS350 B3)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	110 knots	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No** (see notes)	
Order Response Time	0-30 Minutes	
Hoist Type:	Short-Haul	
Fuel Cycle:	2.5 hours (340 miles)	
Refueling:	Can refuel @ FBOs (Jet A). We also have a fuel truck for away ops.	
Medical Personnel:	EMT and support personnel	
Paid Extended Staffing:	Determined by flight request	
Paid Relocation:	Yes Case-by case basis	
Notes:	This is a national fire resource helicopter, Available for long term assignment for national/regional incidents. Check availability, may already be assigned to incident.	
Ordering Procedure:	Contact Tucson Interagency Dispatch Center at (520)202-2710	

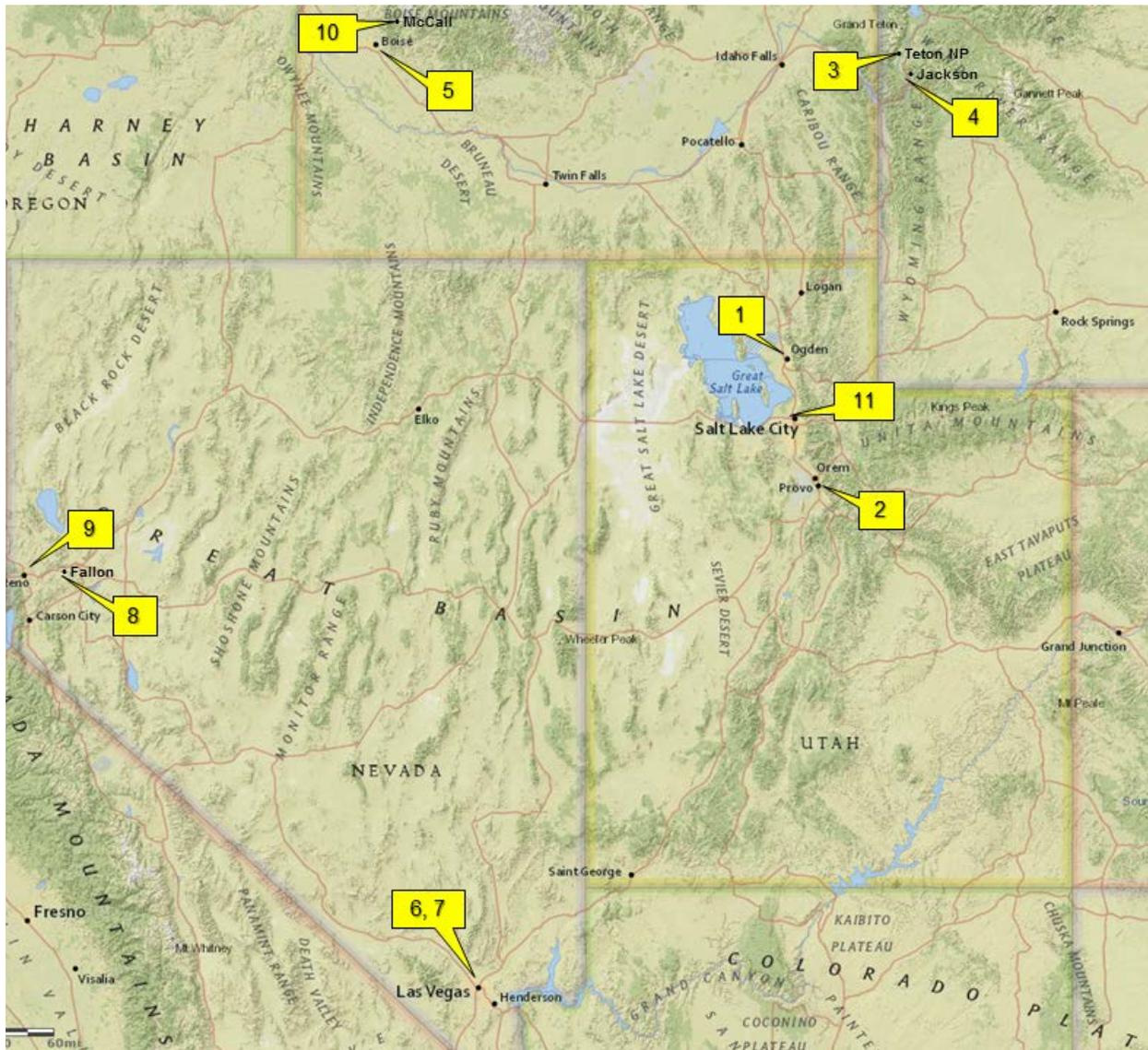
15. Alpine, TX – Texas Department of Public Safety

Make & Model	2-A-Star (AS 350 B3) 1-Eurocopter (EC 145)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	A- Star - 138 mph Eurocopter – 153 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	State mutual aid freqs.	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 400 lbs./250' cable)	
Fuel Cycle:	2 Hours (350 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Have fuel trailers for extended use.	
Medical Personnel:	No	
Paid Extended Staffing:	No	
Paid Relocation:	Case-by-case basis	
Notes:	TX DPS has a total of 15 helicopters, 3 with hoist capability, prepositioned around the state.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests through TX DPS dispatch at phone #: 512-424-7391. Additional contact Chief Pilot Bill Nabors 512-569-0531.	



Great Basin

Great Basin Helicopter Source Locations



1. **Ogden, UT** – Intermountain Life Flight (Hoist)
2. **Provo, UT** – Intermountain Life Flight (Hoist)
3. **Teton NP, WY** – National Park Service (Short-haul)
4. **Jackson, WY** – County SAR (Short-haul)
5. **Boise, ID** – ID National Guard (Hoist)
6. **Las Vegas, NV** – Las Vegas Metro Police Dept. (Hoist/Short-haul)
7. **Las Vegas, NV** – Active Military (Hoist)
8. **Fallon, NV** – Active Military (Hoist)
9. **Stead, NV** – Washoe County Sheriff's Office (Hoist)
10. **McCall, ID** – US Forest Service IA (Short-Haul)
11. **Salt Lake, UT** – UT National Guard (Hoist)

1. Ogden, UT
2. Provo, UT - Intermountain Life Flight (hospital)

Make & Model	Augusta A109 (K2)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Breeze Eastern (Rated @ 450 lbs.)	
Fuel Cycle:	2 Hours (150 Miles from each base; Ogden, Provo)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Flight Nurse and Paramedic	
Paid Extended Staffing:	Available 24/7	
Paid Relocation:	No	
Notes:	Helicopters are stationed at McKay Dee Hospital in Ogden, Utah Valley Regional Medical Center in Provo, and Intermountain Medical Center in Salt Lake City. Have 2 helicopters...	
Ordering Procedure:	Contact: Intermountain Life Flight Communication Center, 1-800-321-1911.	

3. Jackson, WY – Teton National Park and Bridger-Teton Natl. Forest

Make & Model	2-A-star (AS350 B3)s	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	135 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	1 Hour	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2.5 Hours (340 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT/Paramedic (includes Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	This is a national fire resource helicopter. May be available for long term assignment for national/regional incidents. Procurement can be initiated by MOU or incident "P" number. Check availability, may already be assigned to incident or limited to local area.	
Ordering Procedure:	Contact: Great Basin Coordination Center, 801-531-5320, or Teton Interagency Dispatch Center , 307-739-3630 to check availability.	

4. Jackson, WY - Teton County SAR

Make & Model	Bell 407	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	45 Minutes	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A). Have fuel trucks/trailer for each unit.	
Medical Personnel:	Paramedic/Physicians	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	Inter-state response.	
Ordering Procedure:	Contact Doug Meyer, 307-413-0445 for availability.	

5. Boise, ID - Idaho National Guard

Make & Model	Blackhawk (UH-60)/Lakota (UH-72)	
Perform @ 7000°/90° F.	Yes/Yes	
Cruise Speed	Blackhawk 150 mph/Lakota 125 knots	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	Blackhawk - 1 Hour/Weekdays Lakota - 4 Hours/Weekends	
Hoist Type:	Goodrich (Rated 600 lbs./250 ft cable) (Blackhawk) Goodrich (Rated 600 lbs./300 ft cable) (Lakota)	
Fuel Cycle:	300 miles (Blackhawk) 3+ hours (Lakota)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	No (Blackhawk) Yes (Lakota)	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	Aircraft will deploy into Washington and Oregon for emergency rescues if tasked by ARFCC (see ordering procedures below). Information from Operations Officer Maj. Amthor @ phone #208-272-3985 (or flight ops #208-272-3976).	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

6. Las Vegas, NV - Las Vegas Metro Police Dept.

Make & Model	2-Bell 205 (UH-1H) Restricted 33 MD 530F 1-Bell 407	
Perform @ 7000°/90° F.	Yes/Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Yes (Not Known)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A).	
Medical Personnel:	EMT	
Paid Extended Staffing:	24/7	
Paid Relocation:		
Notes:	Direct Contact: Sgt. Mike Petricka, 702-828-3552 to check availability.	
Ordering Procedure:	911 dispatch centers should coordinate request through appropriate GACC.	

7. Las Vegas, NV - Active Military - Air Force (Nellis Air Force Base)

Make & Model	Pavehawk (HH60)	
Perform @ 7000°/90° F.	Yes/Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-2 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Possible In-flight refueling	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No.	
Notes:	Direct contact: Base Operator, 702-652-1110, ask for Para-rescue Operations Officer	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

8. Fallon, NV - Active Military - Navy (Fallon Naval Air Station)

Make & Model	Seahawk (HH-60)	
Perform @ 7000°/90° F.	Yes/Yes	
Cruise Speed	144 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-2 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No	
Notes:		
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

9. Stead, NV - Washoe County Sheriff's Office

Make & Model	HH-1H	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	115 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	45 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs/ 250' cable)	
Fuel Cycle:	1.8 Hours (180 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. Contract	
Medical Personnel:	None	
Paid Extended Staffing:	Extended Staffing provided (24hrs/day)	
Paid Relocation:	No	
Notes:	Direct Contact Deputy Doug Russell, 775-813-8881 to check availability.	
Ordering Procedure:	Contact Washoe County Sheriff's Office Dispatch at 775-785-4228	

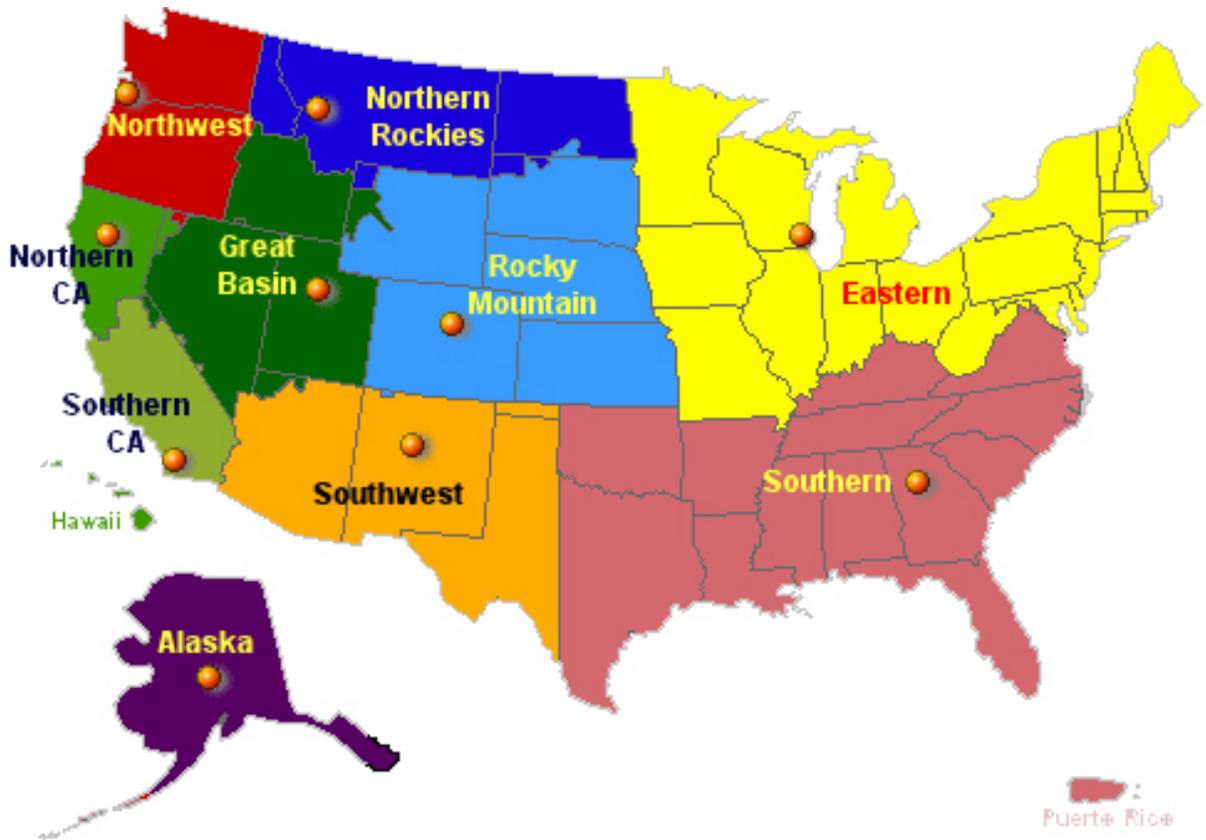
10. McCall ID, US Forest Service

Make & Model	A-star (AS350 B3)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	135 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	1 Hour	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2.5 Hours (340 Miles)	
Refueling:	Can refuel@FBO's(Jet-A). Also have fuel truck.	
Medical Personnel:	EMT (includes helitack personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	This is a national fire resource helicopter. May be available for long term assignment for national/regional incidents. Procurement can be initiated by MOU or incident "P" number. Check availability, may already be assigned to incident or limited to local area.	
Ordering Procedure:	Contact GBCC 801-531-5320 or Payette Dispatch 208-634-2757 to check availability.	

11. Salt Lake, Utah National Guard

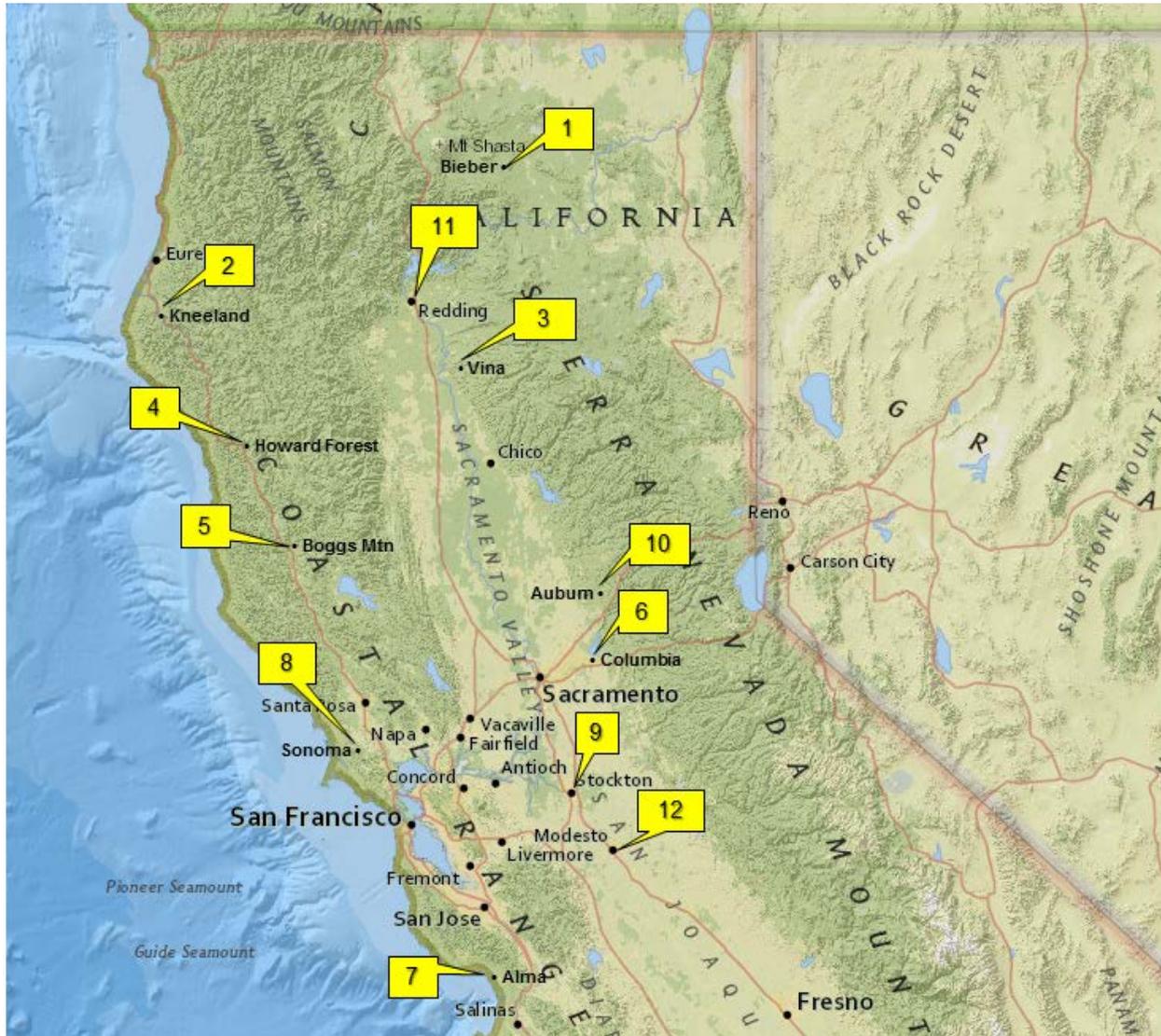
Make & Model	UH-60L Blackhawk / LUH-72 Lakota	
Perform @ 7000°/90° F.	Yes/Yes	
Cruise Speed	120 KIAS / 90 KIAS	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	UH-60L- 4 Hours / LUH-72- 4 Hours	
Hoist Type:	Goodrich (600 lb 250ft cable)	
Fuel Cycle:	UH-60L- 2 hours 30 minutes LUH-72- 3 hours	
Refueling:	Jet A @most FBOs with deployable FARP	
Medical Personnel:	Yes	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	Direct contact: Jeremy Tannahill 801-816-3449 Primary State EOC Matt Snider 801-875-1096 Secondary State EOC Shane Freeman 801-560-1072	
Ordering Procedure:	Contact the State EOC requesting support, State EOC will contact the UTARNG	

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Northern California

Northern California Helicopter Source Locations



- | | |
|---|---|
| 1. Bieber – CalFire (Hoist) | 8. Sonoma – Sheriff (Short-haul) |
| 2. Kneeland – CalFire (Hoist) | 9. Stockton, CA – National Guard (Hoist) |
| 3. Vina – CalFire (Hoist) | 10. Auburn – Cal. Hwy Patrol (Hoist) |
| 4. Howard Frst – CalFire (Hoist) | 11. Redding – Cal. Hwy Patrol (Hoist) |
| 5. Boggs Mtn – CalFire (Hoist) | 12. Modesto – Stanislaus CSD |
| 6. Columbia – CalFire (Hoist) | (Short-haul) |
| 7. Alma – CalFire (Hoist) | |

1. **Bieber, CA**
2. **Kneeland**
3. **Vina**
4. **Howard Forest**
5. **Boggs Mountain**
6. **Columbia**
7. **Alma**

Make & Model	11 Bell 205 (UH-1H) Restricted Super Huey	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	All Agency helicopters are Hoist qualified using the Goodrich system (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Fuel trucks available	
Medical Personnel:	Minimum EMT's	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	<p>Cal Fire has helicopter bases throughout CA and is available for emergency use determined by location and need. For Northern CA, contact ONC GACC (24 hour #): 530-226-2800. Southern CA, contact OSC GACC (24 hour #): 951-276-6725.</p> <p>Day missions only. Rescue is a priority, but the agency will not let the helicopter sit on standby on a fire for rescue/medivac only. The helicopter could be working on incident and have a delayed response.</p>	
Ordering Procedure:	<p>911 dispatch centers should coordinate requests through appropriate CA GACC.</p> <p>1, 2, 3, 4, 5, 7, and 9 : North Ops Resources. They can be ordered through the normal ordering process Forest/ Units place to the GACC and GAC C place with corresponding unit. Payment through normal ordering process 6, and 8: Order through normal ordering process. Forest/units place to GACC, GACC will place to San Andres ECC.</p>	

8. Sonoma, CA – Sonoma County Sheriff

Make & Model	Bell 407	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A). Have fuel trucks/trailer	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	Contact Sonoma Co. Emergency Dispatch, 707-5652121 for availability.	
Ordering Procedure:	911 dispatch centers should coordinate request through appropriate CA GACC. North Ops Resource.	

9. Stockton, CA – National Guard

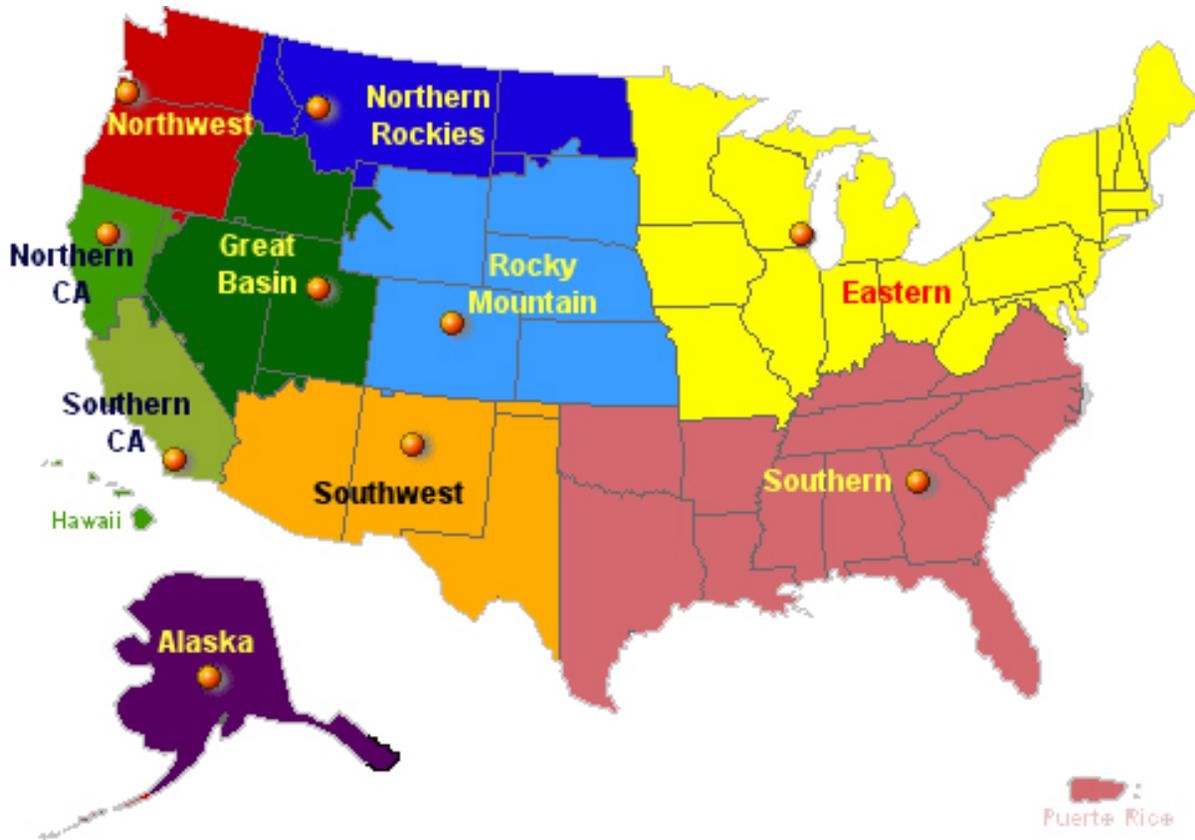
Make & Model	11- Blackhawk (UH-60) @ Mather 8- UH60 @ Los Alamitos. 10- CH47F @ Stockton	
Perform @ 7000°/90° F.	Varies	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Could install, but need to request	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 Hours	
Hoist Type:	Need advance notice to provide variable hoist models	
Fuel Cycle:	250 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Medical personnel may vary.	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	These 11 helicopters are in deployment rotation and available on a case-by-case basis. Direct contact: Lt. Colonel Lou Carmona, (o) 916-854-1403 or (c) 916-439-3545. : Can take up to 24 hours to mobilize depending on the request.	
Ordering Procedure:	Hired through request for assistance to the National Interagency Coordination Center or CAL FIRE can hire through request for assistance through the Governor's Office (CAL EMA). GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051	

- 10. Auburn, CA – Inland Div.
- 11. Redding, CA – Northern Div.

Make & Model	Airbus AS350 B3	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	110 – 155 knots	
VFR	Yes	
IFR	23, 27 and 28	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	23, 26 & 28 only	
Order Response Time	Varies	
Hoist Type:	Breeze Eastern (450 lbs. & 160 ft.) Goodrich (500lbs) # 24	
Fuel Cycle:	1.5-2.0 hrs.	
Refueling:	#24,25,27,28- refuel @ FBO's (Jet A) #23- remote fueling sites @ Baker, Morongo Valley near Joshua Tree and Death Valley, or with fuel truck. #26-remote site @ Lucia	
Medical Personnel:	ALS, Paramedics, EMTs. # 24 no EMT's.	
Paid Extended Staffing:	Yes	
Paid Relocation:	No	
Notes:	<p>#24 & 28 – North Ops Resources #23, 25 & 26 CA Highway Patrol – No mechanism of payment/agreement. #24 Can cross Nevada border for critical incidents. #26 Long-line short-haul: 1,660lb/FLIR/PA #27 Can cross Oregon border for critical rescue missions. Pilot-Sgt. Steve Young (Phone #: 503-225-2040) Rescue is a priority, but agency will not let the helicopter be on standby for a fire rescue/medivac. Helicopters are not available when on law enforcement missions. The helicopter could be working on incident and have a delayed response. Some helicopters will not respond to mountainous terrain at night if pilot has not seen the area in daylight.</p>	
Ordering Procedure:	<p>#23- Direct: 760 -240-8004/ After Hours: 760- 255-8760. #24- CHP Com. Center: 916-861-1299 Air Ops. Office: 530-823-4535 #25- Office 559-488-4121/ Dispatch 559-441-5400 #26- Direct: 805-239-3553 / After Hours: 805-593-3344 #27- CHP Com. Center: 530-242-3210 (24 hrs./day)/ Air crew: 530-225-2040 #28- Indio Dispatch 760-772-8989 Unit request assistance when there is a medical emergency though 911 system. #24, 27, & 28 They can be ordered through the normal ordering process Forest/ Units have in place. No mechanism for agency payment.</p>	

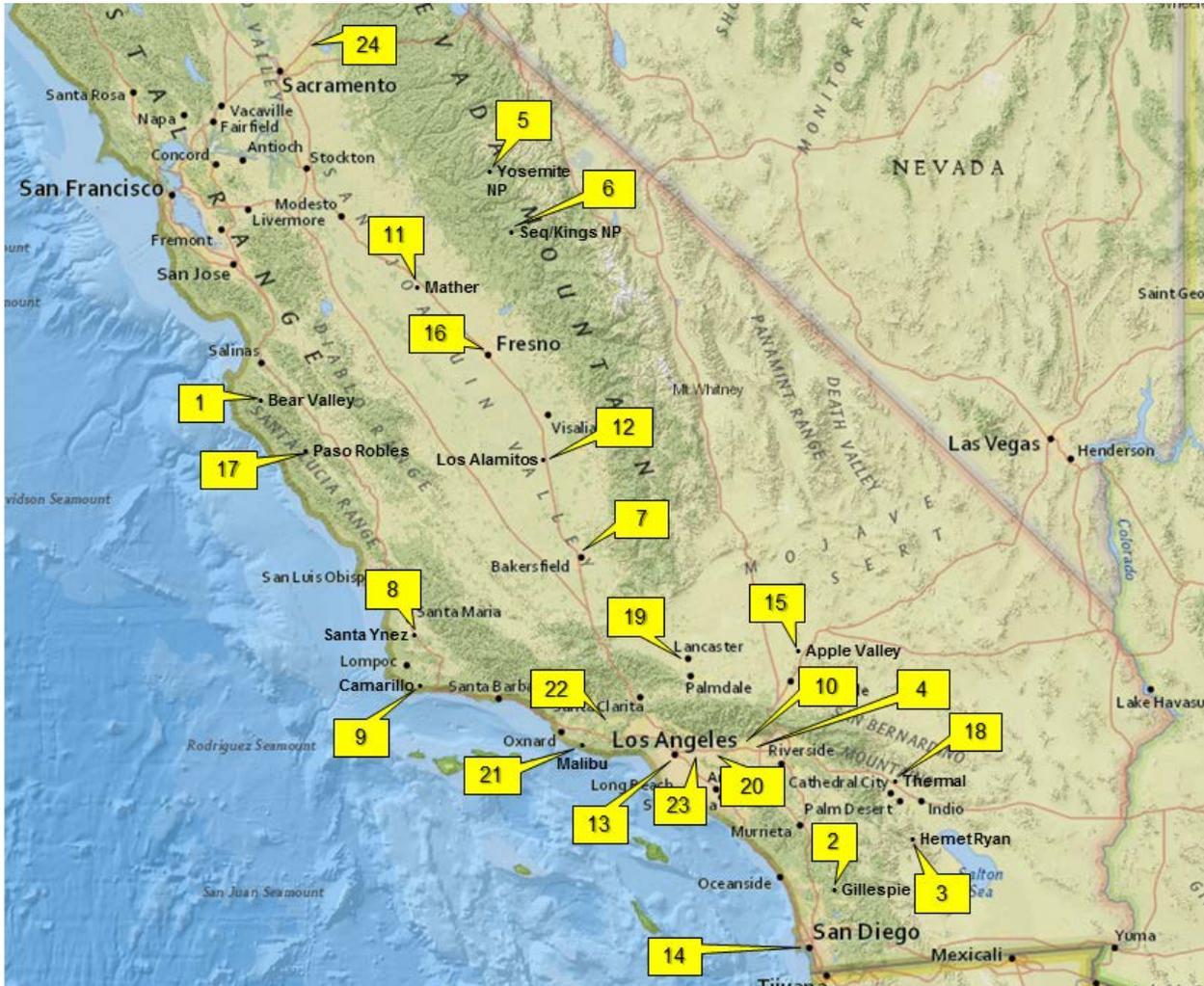
12. Modesto, CA – Stanislaus County sheriff’s Department

Make & Model	Bell Long Ranger 206L 1-C30P/Bell 206B	
Perform @ 7000’/90° F.	Yes	
Cruise Speed	125 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	20 Minutes	
Hoist Type:	None – Short Haul / Long Line	
Fuel Cycle:	2.5 hours	
Refueling:	Can fuel @ FBO. Fuel Truck available.	
Medical Personnel:	EMT as needed	
Paid Extended Staffing:	Case by case.	
Paid Relocation:	Case by case.	
Notes:	Also River, Ocean, and Cliff trained besides basic Long Line.	
Ordering Procedure:	Contact Chief Pilot/Detective Sergeant Rob Latapie at 209-404-2668 or 209-652-9472. Or Unit Commander Lt. Mike Parker at 209-652-8526. Or Sheriff’s Department Communications at 209-552-3914.	



Southern California

Southern California Helicopter Source Locations



- | | |
|---|--|
| 1. Bear Valley – CalFire (Hoist) | 17. Paso Robles-Cal.Hwy Patrol (Hoist) |
| 2. Gillespie – CalF,SDSheriff (Hoist) | 18. Thermal – Cal. Hwy Patrol (Hoist) |
| 3. Hemet Ryan – CalFire (Hoist) | 19. Lancaster – LA County Fire (Hoist) |
| 4. Prodo – CalFire (Hoist) | 20. Brackett Airport – LaVerne/Pomona, CA- KPOC – LA-County Fire (Hoist) |
| 5. Yosemite NP – NPS (Short-hl) | 21. Malibu – LA County Fire (Hoist) |
| 6. Seq/Kings NP – NPS (Short-hl) | 22. Fire Camp 9 (Sylmar) – LA County Fire (Hoist) |
| 7. Bakersfield – Fire Dept.(Hoist) | 23. Barton Heliport (Pacoima – Whiteman Airport- KWHP) LA County Fire (Hoist) |
| 8. Santa Ynez – Fire Dept.(Hoist) | 24. McClellan, CA – Sacramento Metropolitan Fire District Air Operations (Hoist, SAR, EMS, Fire Initial Attack) |
| 9. Camarillo – Fire Dept.(Hoist) | |
| 10. San Bernardino – Sheriff (Hoist) | |
| 11. Mather – National Guard (Hoist) | |
| 12. Los Alamitos-Nat.Guard (Hoist) | |
| 13. Orange Co – Fire Dept.(Hoist) | |
| 14. San Diego – SD Fire-Rescue (Hoist) | |
| 15. Apple Valley – Cal.Hwy Patrol(Hoist) | |
| 16. Fresno – Cal. Hwy Patrol (Hoist) | |

1. **Bear Valley-CalFire (Hoist)**
2. **Gillespie –CalF,SDSsheriff (Hoist)**
3. **Hemet Ryan-CalFire (Hoist)**
4. **Prodo – CalFire (Hoist)**

Make & Model	11 Bell 205 (UH-1H) Restricted Super Huey	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	All Agency helicopters are Hoist qualified using the Goodrich system (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Fuel trucks available	
Medical Personnel:	Minimum EMT's	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	<p>Cal Fire has helicopter bases throughout CA and is available for emergency use determined by location and need. For Northern CA, contact ONC GACC (24 hour #): 530-226-2800. Southern CA, contact OSC GACC (24 hour #): 951-276-6725.</p> <p>Day missions only. Rescue is a priority, but the agency will not let the helicopter sit on standby on a fire for rescue/medivac only. The helicopter could be working on incident and have a delayed response.</p>	
Ordering Procedure:	<p>911 dispatch centers should coordinate requests through appropriate CA GACC.</p> <p>1, 2, 3, 4, 5, 7, and 9 : North Ops Resources. They can be ordered through the normal ordering process Forest/ Units place to the GACC and GAC C place with corresponding unit. Payment through normal ordering process 6, and 8: Order through normal ordering process. Forest/units place to GACC, GACC will place to San Andres ECC.</p>	

5. Yosemite NP-National Park Service

Make & Model	11 Bell 205 A++	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	125 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	None/Short-haul. Aircraft is also capable of rappel to a maximum of 300'.	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT/Paramedic (includes Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	Day missions only. Must have prior approval to leave the park except on initial attack fires with local neighbors. Rescue is a priority, but agency will not let the helicopter be on standby for a fire rescue/medivac. If on a current rescue, it will not be available until it completes that mission to be available for another mission.	
Ordering Procedure:	Contact: Yosemite Dispatch, 209-379-1999. Order through normal ordering process. Forest/unit place to GACC, GACC will place to Yosemite ECC.	

6. Sequoia /Kings NP-National Park Service

Make & Model	A-Star (AS-350 B3)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	135 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2.5 Hours (340 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT/Park Medic (Can also provide Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	Day missions only. This is a park fire/rescue helicopter. Park very seldom approves helicopter to leave the Park. Exceptions are to assist with boarder fires or rescues that affect the Park. Must have prior approval to leave the park except on IA with neighbors. Rescue is a priority, but agency will not let the helicopter be on standby for a fire rescue/medivac.	
Ordering Procedure:	Contact: Southern California Geographic Area Coordination Center (OSC) 951-276-6725, or CA-KNP 24hr Dispatch, 559-565-3195 or normal hour's fire dispatch 559-565-3164. Order through normal ordering procedures. Forest/unit place to GACC, GACC will place to Sequoia/Kings ECC.	

7. Bakersfield-Fire Dept.(Hoist)

Make & Model	2-Bell (UH-1H) Restricted Super Hueys, H-407 & H-408	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	100 KIAS	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich UTC External	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Two 3500 gallon Jet-A fuel tankers(hot/cold) refuel capable	
Medical Personnel:	EMT/ Paramedic	
Paid Extended Staffing:	24/7	
Paid Relocation:	Willing to periodically release 1 helicopter. USFS carded and contracted	
Notes:	Contact: ECC at 661-861-2521 (dispatch available 24 hours). Rescue crew: pilot, Hoist operator, rescuer, safety. Available with Helitack crew to run Night Helibase ops	
Ordering Procedure:	CAL FIRE: Units place order to the GACC and GACC can go direct to Kern Co. Federal: Units place order to the GACC and the GACC can use the Sequoia NF Agreement to hire the helicopter(s). H408 and H407 are stasued with South Ops daily	

8. Santa Ynez-Fire Dept.(Hoist)

Make & Model	1-Bell (UH-1H) Restricted	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	1 Hour	
Hoist Type:	Yes, internal hoist type	
Fuel Cycle:	1.5 hours fuel cycle	
Refueling:	Can refuel @ FBOs (Jet-A). Fuel truck & mechanic	
Medical Personnel:	Paramedic/helitack	
Paid Extended Staffing:	24/7	
Paid Relocation:	Yes, paid relocation	
Notes:	Must have prior approval to leave the Unit except on initial attack fires with local neighbors. Rescue is a priority, but agency will not let the helicopter be on standby for Fire/Rescue.	
Ordering Procedure:	CAL FIRE: Units place order to the GACC and GACC can go direct to Santa Barbara Co ECC. Federal: Units place order to the GACC and the GACC can use the Los Padres NF Agreement to hire the helicopter(s)	

9. Camarillo-Fire Dept.(Hoist)

Make & Model	1-Bell 205 2-Bell UH1H 1-Bell- 212HP 1-Bell 206 L1 FLIR	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	Yes (212)	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A).	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	Possibly	
Paid Relocation:	Able to travel for payment case-by-case basis.	
Notes:	Have limited crews, available for only few days. Must have prior approval to leave the Unit except on initial attack fires with local neighbors. Rescue is a priority, agency considers requests for the helicopter to be on standby for a fire rescue/medivac.	
Ordering Procedure:	CAL FIRE: Units place order to the GACC and GACC can go direct to Ventura Co ECC. Federal: Units place order to the GACC and the GACC can use the Los Padres NF Agreement to hire the helicopter(s).	

10. San Bernardino-Sheriff (Hoist)

Make & Model	1-UH1H Super Huey 1-Bell 212	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	Immediately 0800-1800	
Hoist Type:	Goodrich (Rated 600 lbs./ 265' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Fuel Tender Available.	
Medical Personnel:	Paramedic. Nurse/ MD available.	
Paid Extended Staffing:	Possibly	
Paid Relocation:	Able to travel for payment case-by-case basis	
Notes:	On recall from 1800-0800. Primary rescue aircraft.	
Ordering Procedure:	0800-1700 Sheriff's Aviation (909)252-4100, 1700-0800 Sheriff's Dispatch (909)356-9652.	

San Bernardino County Sheriff

Make & Model	6 A-Star (AS350 B3)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	140 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	Immediate 0700-0200	
Hoist Type:	Goodrich (Rated 500 lbs./165' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A), Fuel tender available	
Medical Personnel:	None. Must transfer care to EMS.	
Paid Extended Staffing:	No.	
Paid Relocation:	No.	
Notes:	On recall from 0200-0700	
Ordering Procedure:	0800-1700 Sheriff's Aviation (909)252-4100, 1700-0800 Sheriff's Dispatch (909)356-9652.	

11. Mather, CA

12. Los Alamitos - California Army National Guard

Make & Model	11- Blackhawk (UH-60) @ Mather 8- UH60 @ Los Alamitos. 10- CH47F @ Stockton	
Perform @ 7000°/90° F.	Varies	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Could install, but need to request	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 Hours	
Hoist Type:	Need advance notice to provide variable hoist models	
Fuel Cycle:	250 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Medical personnel may vary.	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	These 11 helicopters are in deployment rotation and available on a case-by-case basis. Direct contact: Lt. Colonel Lou Carmona, (o) 916-854-1403 or (c) 916-439-3545. : Can take up to 24 hours to mobilize depending on the request.	
Ordering Procedure:	Hired through request for assistance to the National Interagency Coordination Center or CAL FIRE can hire through request for assistance through the Governor's Office (CAL EMA). GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051	

13. Orange County, CA - Orange County Fire Authority

Make & Model	Bell 412 EP	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	125 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich, External (Rated 600lbs./250' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Agency fuel truck available upon request.	
Medical Personnel:	ALS	
Paid Extended Staffing:	Yes	
Paid Relocation:	Yes	
Notes:	Contact OCFA Emergency Command Center for availability 714-573-6500. Must have prior approval to leave the Unit except on initial attack fires with local neighbors.	
Ordering Procedure:	CAL FIRE: Units place order to the GACC and GACC can go direct to Orange Co ECC. Federal: Units place order to the GACC and the GACC can use the Cleveland NF Agreement to hire the helicopter.	

14. San Diego, CA - San Diego Fire-Rescue Dept.

Make & Model	Bell 212 HP 412 EP	
Perform @ 7000'/90° F.	Yes – 212 Yes - 412	
Cruise Speed	110 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	10 Minutes	
Hoist Type:	Goodrich, External (Rated600lbs/ 250'cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A) & Agency fuel trucks	
Medical Personnel:	ALS (minimum of 1 paramedic) and 2 EMTs	
Paid Extended Staffing:	24/7 Staffing	
Paid Relocation:	Case by case basis	
Notes:	Must have prior approval to leave the Unit except on initial attack fires with local neighbors. Rescue is a priority, but agency will not let the helicopter be on standby for a fire rescue/medivac.	
Ordering Procedure:	GACC or 911 or SDFD Dispatch Center @ 858-974-9891. CAL FIRE: Units place order to the GACC and GACC can go direct to San Diego Co. Federal: Units place order to the GACC and the GACC can use the Cleveland NF Agreement to hire the helicopter.	

- 15. Apple Valley, CA -Inland Div.
- 16. Fresno, CA -Central Div.
- 17. Paso Robles, CA -Coastal Div.
- 18. Thermal, CA- Border Div.- California Highway Patrol

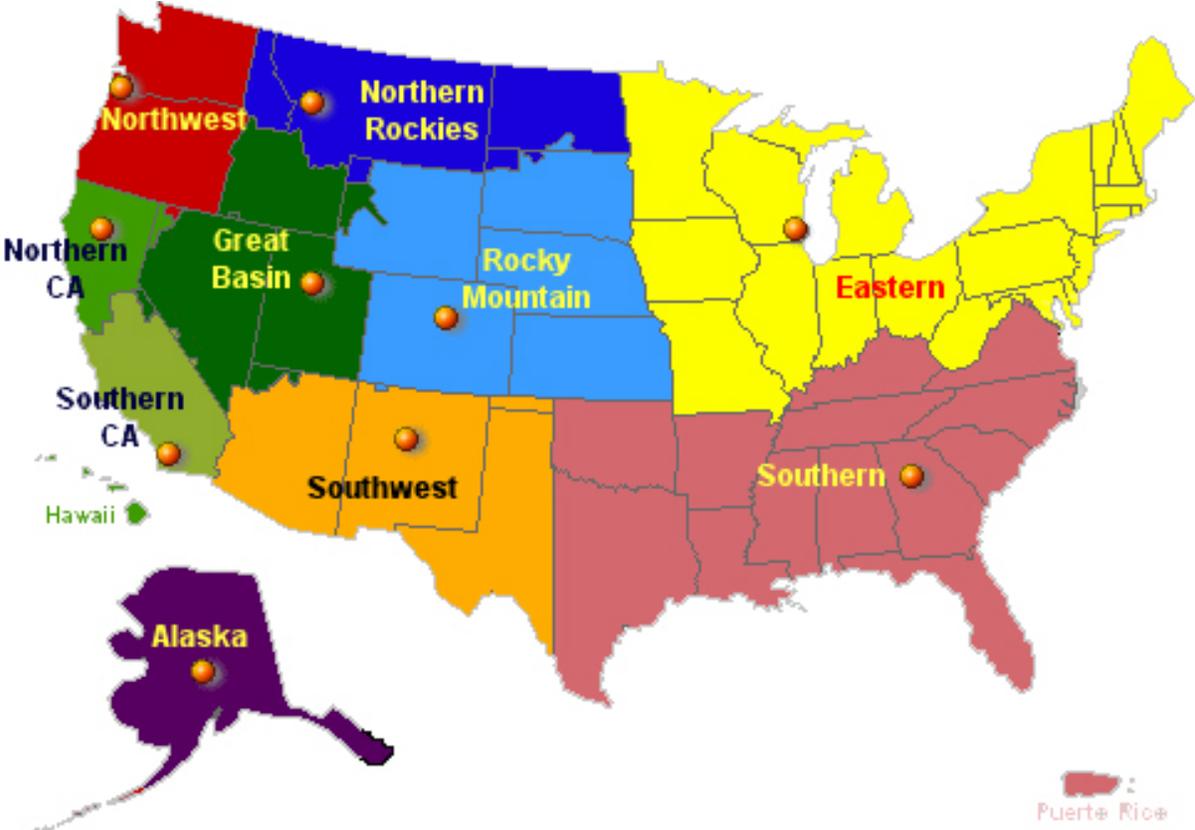
Make & Model	Airbus AS350 B3	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	110 – 155 knots	
VFR	Yes	
IFR	23, 27 and 28	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	23, 26 & 28 only	
Order Response Time	Varies	
Hoist Type:	Breeze Eastern (450 lbs. & 160 ft.) Goodrich (500lbs) # 24	
Fuel Cycle:	1.5-2.0 hrs.	
Refueling:	#24,25,27,28- refuel @ FBO's (Jet A) #23- remote fueling sites @ Baker, Morongo Valley near Joshua Tree and Death Valley, or with fuel truck. #26-remote site @ Lucia	
Medical Personnel:	ALS, Paramedics, EMTs. # 24 no EMT's.	
Paid Extended Staffing:	Yes	
Paid Relocation:	No	
Notes:	#24 & 28 – North Ops Resources #23, 25 & 26 CA Highway Patrol – No mechanism of payment/agreement. #24 Can cross Nevada border for critical incidents. #26 Long-line short-haul: 1,660lb/FLIR/PA #27 Can cross Oregon border for critical rescue missions. Pilot-Sgt. Steve Young (Phone #: 503-225-2040) Rescue is a priority, but agency will not let the helicopter be on standby for a fire rescue/medivac. Helicopters are not available when on law enforcement missions. The helicopter could be working on incident and have a delayed response. Some helicopters will not respond to mountainous terrain at night if pilot has not seen the area in daylight.	
Ordering Procedure:	#23- Direct: 760 -240-8004/ After Hours: 760- 255-8760. #24- CHP Com. Center: 916-861-1299 Air Ops. Office: 530-823-4535 #25- Office 559-488-4121/ Dispatch 559-441-5400 #26- Direct: 805-239-3553 / After Hours: 805-593-3344 #27- CHP Com. Center: 530-242-3210 (24 hrs./day)/ Air crew: 530-225-2040 #28- Indio Dispatch 760-772-8989 Unit request assistance when there is a medical emergency though 911 system. #24, 27, & 28 They can be ordered through the normal ordering process Forest/ Units have in place. No mechanism for agency payment.	

- 19. Lancaster, CA
- 20. Brackett Airport- LaVerne/Pomona, CA- KPOC
- 21. Malibu, CA.- County of Los Angeles Fire Department
- 22. Fire Camp 9 (Sylmar)
- 23. Barton Heliport Pacoima- Whiteman Airport- KWHP

Make & Model	S70A Firehawk	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	5 Minutes	
Hoist Type:	Goodrich (Rated 600lbs, 290' cable)	
Fuel Cycle:	2 hours	
Refueling:	Open/Close Circuit, Can fuel @ FBO (Jet A), w/ Fuel Truck/Mechanic	
Medical Personnel:	(2) Paramedics/ Advanced Life Support	
Paid Extended Staffing:	3 multi-mission aircraft staffed 24 hours a day, 7 days a week	
Paid Relocation:	Yes	
Notes:	Hoist, Short-haul Must have prior approval to leave the Unit except on initial attack fires with local neighbors. Rescue is a priority, but agency will not let the helicopters be on standby for a fire rescue/medivac.	
Ordering Procedure:	LA County Fire Dispatch 1-323-881-6183 CAL FIRE: Units place order to the GACC and GACC can go direct to Los Angeles Co. Federal: Units place order to the GACC and the GACC can use the Angeles NF Agreement to hire the helicopter.	

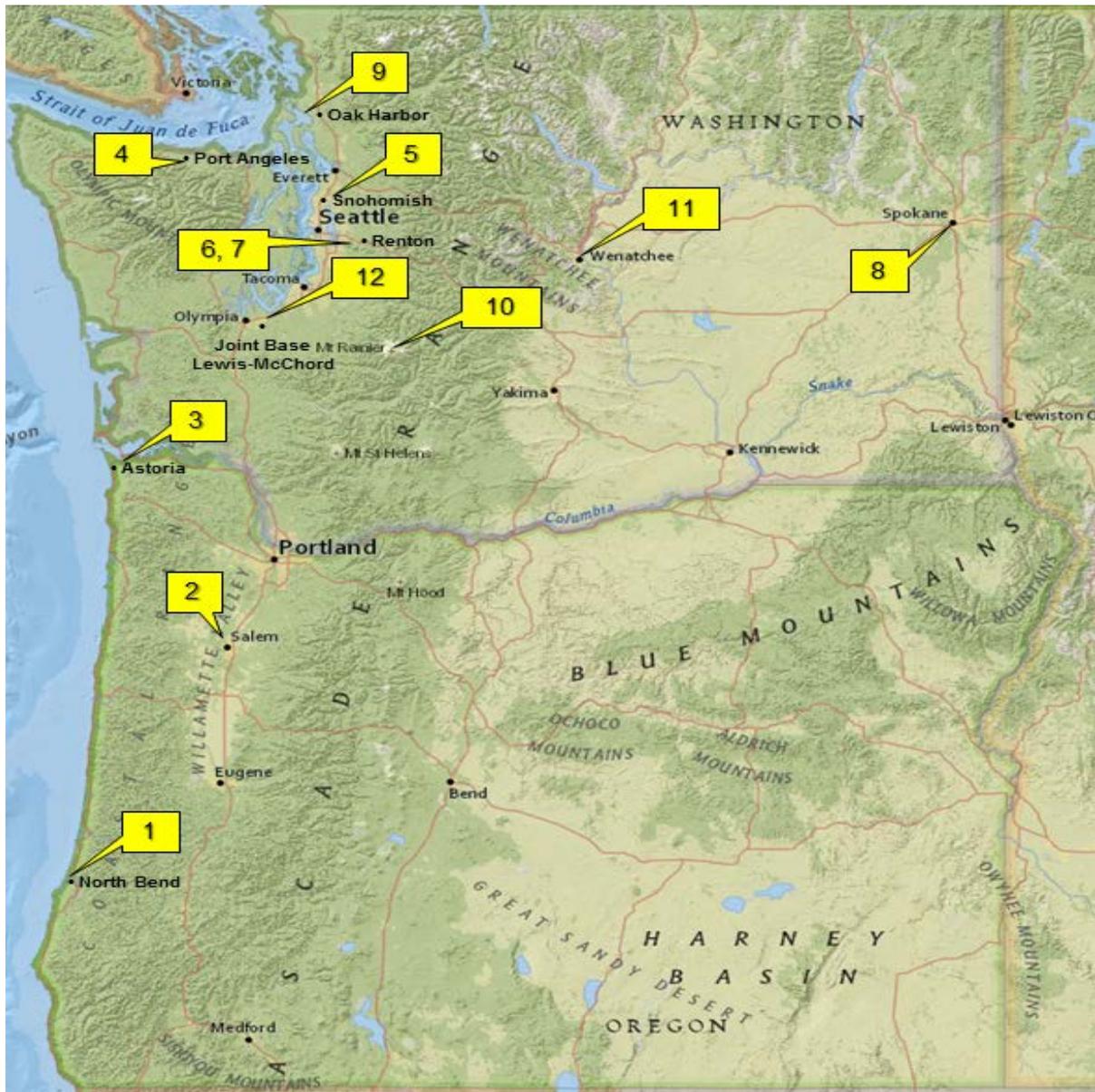
24. McClellan, CA – Sacramento Metropolitan Fire District Air Operations

Make & Model	2-Bell UH-1H, (Fire Copter 1 and Fire Copter 2)	
Perform @ 7000'/90° F.	YES	
Cruise Speed	100 KIAS	
VFR	YES	
IFR	NO	
FM Radio Programmable	YES	
Night Vision Goggles (NVG)	NO	
Order Response Time	15 Minutes	
Hoist Type:	Goodrich (UTC) External and Internal Hoists	
Fuel Cycle:	2 Hours (250 NM Range)	
Refueling:	Can refuel @ FBO's (Jet-A), Department 500 Gallon Fuel Tender with cold refuel capabilities available.	
Medical Personnel:	2 (Two) Paramedics	
Paid Extended Staffing:	YES; Extended staffing provided	
Paid Relocation:	YES	
Notes:	Willing to release 1 helicopter for extended operations. Rescue Crew Configuration: Pilot, Hoist Operator (Paramedic), and Rescuer (Paramedic).	
Ordering Procedure:	CONTACT: Dispatch @ (916) 228-3035, AC Mike Lozano @ (916) 616-2409, CAPT Grant Russell @ (916) 628-3254, or Chief Pilot Montie Vanlandingham @ (916) 628-3097. Agency considers rescue operations as a priority mission. Available for EMS transport (ALS Certified), SAR, and Wild Land Fire Operations. AFF Capable.	



Northwest

Northwest Helicopter Source Locations



1. **North Bend, OR** – Coast Guard (Hoist)
2. **Salem, OR** – Oregon National Guard (Hoist)
3. **Astoria, OR** – Coast Guard (Hoist)
4. **Port Angeles, WA** – Coast Guard (Hoist)
5. **Snohomish, WA** – Snohomish County (Hoist/Short-haul)
6. **Renton, WA** – King County (Hoist)
7. **Renton, WA** – King County Sheriff (Short-haul)
8. **Spokane, WA** – Air Force Survival School (Hoist)
9. **Oak Harbor, WA** – Whidbey Island NAS (Hoist)
10. **Mount Rainier, WA** – National Park Service (Short-haul)
11. **Wenatchee, WA** – US Forest Service IA (Short Haul)
12. **Joint Base Lewis – McChord** – Washington National Guard (Hoist)

1. North Bend, OR.- Coast Guard

Make & Model	Dauphin (HH-65C)	
Perform @ 7000°/90° F.	No	
Cruise Speed	143 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	240 miles (average)	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs./Day)	
Paid Relocation:	No	
Notes:	May be tasked for inland rescue by the Air Force Rescue Coordination Center if no other resources are available. Seldom go east of the Interstate. Reluctant to put aircraft into active fire environment. Information provided by district # 13, Coast Guard Command Center (phone # 206-220-7001; email: D13.cc@uscg.mil)	
Ordering Procedure:	911 Dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

2. Salem, OR - Oregon National Guard

Make & Model	Blackhawk (UH-60M)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	350 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Not Known	
Paid Extended Staffing:	On Call (crew not always available). Contact Neal Laugle, Staff Fire Aviation Specialist with Oregon Department of Forestry, for more information (phone # 503-945-7508, email: nlaugle@odf.state.or.us)	
Paid Relocation:	Through the use of "Operation Smokey". Contact Neal Laugle, Staff Fire Aviation Specialist with Oregon Department of Forestry, for more information (phone # 503-945-7508, email: nlaugle@odf.state.or.us)	
Notes:		
Ordering Procedure:	911 Dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

3. Astoria, OR – Coast Guard

Make & Model	Jayhawk (HH-60J)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	144 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs./Day)	
Paid Relocation:	No	
Notes:	May be tasked for inland rescue by the Air Force Rescue Coordination Center if no other resources are available. Seldom go east of the Interstate. Reluctant to put aircraft into active fire environment. Information provided by district # 13, Coast Guard Command Center (phone # 206-220-7001).	
Ordering Procedure:	911 Dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

4. Port Angeles, WA - Coast Guard

Make & Model	Dolphin (Dauphin HH-65C)	
Perform @ 7000°/90° F.	No	
Cruise Speed	143 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	240 miles (average)	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs./Day)	
Paid Relocation:	No	
Notes:	May be tasked for inland rescue by the Air Force Rescue Coordination Center if no other resources are available. Seldom go east of the Interstate. Reluctant to put aircraft into active fire environment. Information provided by district # 13, Coast Guard Command Center (phone. #: 206-220-7001; email: D13.cc@uscg.mil)	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

5. Snohomish, WA - Snohomish County

Make & Model	Bell 205 (UH-1H)	
Perform @ 7000°/90° F.	Marginal	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes/non-programmable	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	315 miles (2.5 hours)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	1 Paramedic and 1 Rescue Tech (EMT)	
Paid Extended Staffing:	Yes	
Paid Relocation:	Yes	
Notes:	Snohomish County would be receptive to entering into an agreement that would allow pre-positioning of the aircraft closer to ongoing incidents in exchange for payment. For further information contact Sgt. Danny Wikstrom @ 425-754-6780 (email: danny.wikstrom@snoco.org) or Chief pilot Bill Quistorf @ 425-754-5489 (email: william.quistorf@snoco.org).	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate through Washington Emergency Operations Center, phone #: 800-258-5990.	

6. Renton, WA - King County Sheriff's Office

Make & Model	Bell 205 (UH-1H)	
Perform @ 7000°/90° F.	Marginal	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	315 miles (2.5 hours)	
Refueling:	Can refuel @ FBOs (Jet-A).	
Medical Personnel:	EMT's /provide rescuer for lowering/raising.	
Paid Extended Staffing:	Yes	
Paid Relocation:	No	
Notes:	Further discussion contact: Chief Pilot John Pugh - office #: 206-296-2740, cell #: 206-459-0533 or the Communications Center @ 206-296-3311.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate through Washington Emergency Operations Center, phone #: 800-258-5990.	

7. Renton, WA - King County Sheriff's Office

Make & Model	Bell 407	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	140 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	No 800Mhz VHF	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 hour until airborne during off duty hours.	
Hoist Type:	None/Short-haul	
Fuel Cycle:	3.5 Hrs.	
Refueling:	Jet A	
Medical Personnel:	EMT – on request	
Paid Extended Staffing:	Possible	
Paid Relocation:	Possible	
Notes:	Auxiliary fuel tank, FLIR, Nightsun, Becker Tracking System and video downlink. Further discussion contact: Chief Pilot John Pugh - office #: 206-296-2740, cell #: 206-459-0533 or the Communications Center @ 206-296-3311.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate through Washington Emergency Operations Center, phone #: 800-258-5990.	

8. Spokane, WA - Air Force Survival School

Make & Model	Bell 212 (UH-1N)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	315 miles (2.5 hours)	
Refueling:	Can refuel @ FBOs (Jet-A).	
Medical Personnel:	No medical personnel	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:		
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

9. Oak Harbor, WA - Whidbey Island Naval Air Station

Make & Model	Knighthawk (MH-60S)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	144 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./200' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No	
Notes:		
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

10. Mount Rainier NP - National Park Service

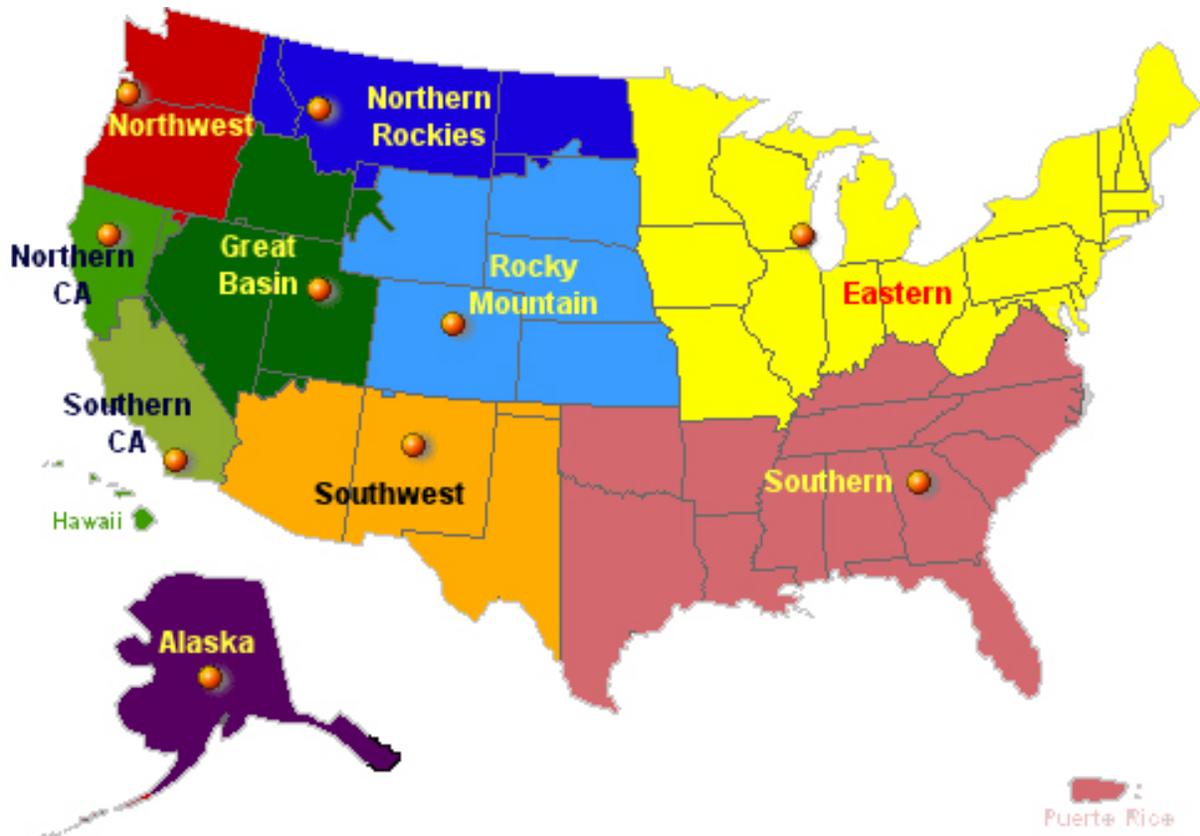
Make & Model	A-Star 350 B3	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	135	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	1 hour	
Hoist Type:	None/Short Haul	
Fuel Cycle:	2.5 Hrs (340 miles)	
Refueling:	Jet A Can refuel at FBO's. Fuel truck available.	
Medical Personnel:	EMT (Includes helitack or Technical Search and Rescue (SAR) support personnel)	
Paid Extended Staffing:	Determined by flight request	
Paid Relocation:	Yes Case-by-case basis.	
Notes:	This aircraft is a NPS All Hazard Exclusive-Use Resource. Upon request and approval available for long term assignments on national/regional all hazard incidents. Procurement can be initiated by an MOU or Incident. Depending on daily short-haul staffing, response time may be less than 30 minutes or up to 2 hours	
Ordering Procedure:	Call Mount Rainier Dispatch @ 360-569-6600 (0700-2000 operating hours) or Puget Sound Interagency Coordinating Center @ 425-783-6150 (24-hours)	

11. Wenatchee, WA – US Forest Service

Make & Model	A-Star 350 B3	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	135	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	None/Short Haul	
Fuel Cycle:	2.5 Hrs. (340 miles)	
Refueling:	Jet A Can refuel at FBO's. Fuel truck available.	
Medical Personnel:	EMT (Includes helitack support personnel)	
Paid Extended Staffing:	Determined by flight request	
Paid Relocation:	Yes Case-by-case basis.	
Notes:	This aircraft is an Interagency Fire Exclusive-Use Resource. Available for long term assignments on national/regional incidents. Procurement can be initiated by an MOU or Incident "P" number.	
Ordering Procedure:	GACC	

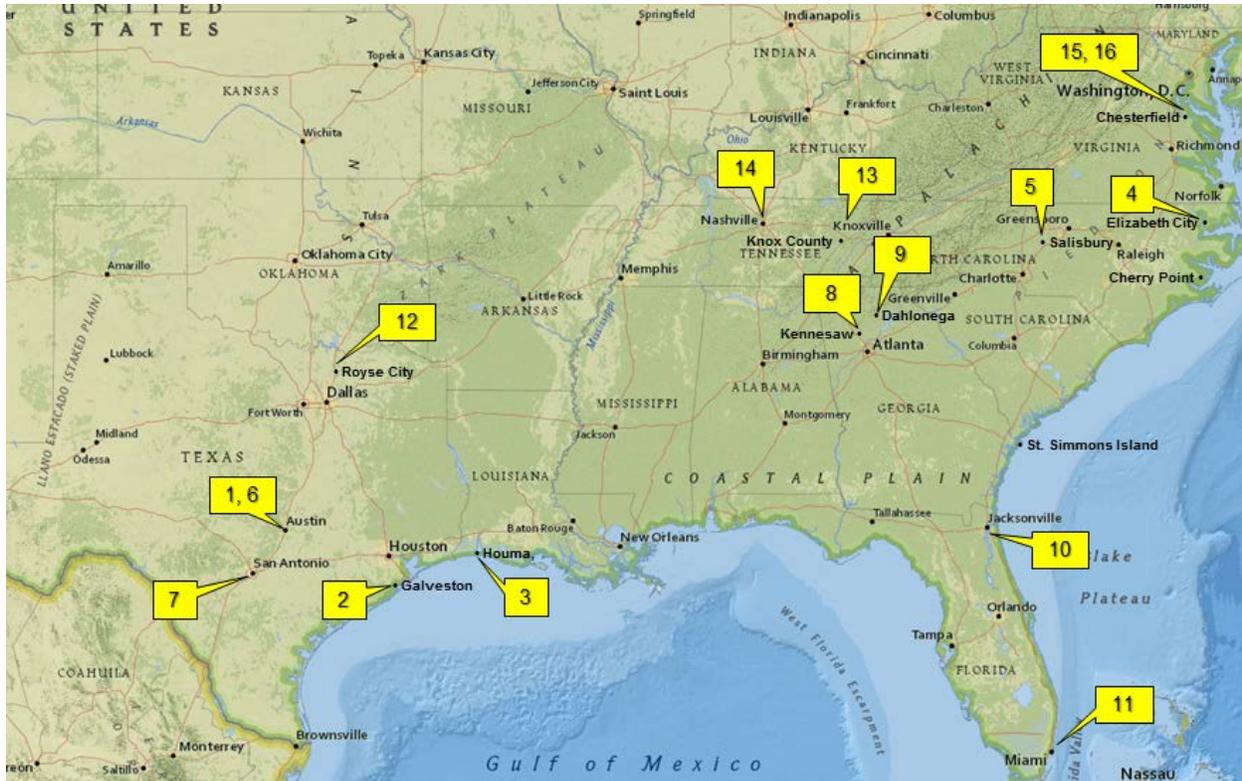
12. Joint Base Lewis-McChord – Washington National Guard

Make & Model	UH-60A/L		
Perform @ 7000'/90° F.	Yes		
Cruise Speed	130 mph		
VFR	Yes		
IFR	Yes		
FM Radio Programmable	Yes		
Night Vision Goggles (NVG)	Yes		
Order Response Time	2-24 Hours (Dependent upon aircrew staffing)		
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)		
Fuel Cycle:	300 miles		
Refueling:	Can refuel @ FBO's (Jet-A)		
Medical Personnel:	No		
Paid Extended Staffing:	May be ordered through fire suppression agreement with WADNR. For more information contact Michael Cuthbert at 360-902-1736 or Dan Boyle at 360-480-0490.		
Paid Relocation:	May be ordered through fire suppression agreement with WADNR. For more information contact Michael Cuthbert 360-902-1736 or Dan Boyle at 360-480-0490.		
Notes:			
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051		



Southern

Southern Helicopter Source Locations



1. **Austin, TX** – Travis County Public Safety (Hoist)
2. **Galveston, TX & Houma, LA** – ERA-Priority 1 Air Rescue (Hoist)
3. **Houma, LA** – ERA-Priority 1 Air Rescue (Hoist)
4. **Elizabeth City, NC** – Coast Guard (Hoist)
5. **Salisbury, NC** – National Guard (Hoist)
6. **Austin, TX** – Texas Department of Public Safety (Hoist)
7. **San Antonio, TX** – Texas Department of Public Safety (Hoist)
8. **Kennesaw, GA** – Georgia Aviation Authority (Hoist)
9. **Dahlonega, GA** – Active Army (Hoist)
10. **Jacksonville, FL** – Active Navy (Hoist)
11. **Miami-Dade, FL** – Miami-Dade Fire Rescue (Hoist)
12. **Royse City, TX** – 5-State Helicopters (Hoist)
13. **Knox County, TN** – Knox County Sheriff's Office (Hoist)
14. **Nashville, TN** – Tennessee Highway Patrol Aviation Section (Hoist)
15. **Chesterfield, VA** – Virginia State Police (Hoist)
16. **Chesterfield, VA** – Virginia State Police (Hoist)

1. Austin , TX – Travis County Public Safety, Shock Trauma Air Rescue (STAR)

Make & Model	Eurocopter (EC-145)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	153 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	15 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 Hours (350 miles)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Paramedic/Flight Nurse/Advanced Life Support	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	Will respond to emergencies within 19 county response area surrounding Austin, TX.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate through STAR Communication Center: 1-800-531-7827.	

2. Nationwide/ Galveston, TX
3. Houma, LA – Era Helicopters & Priority 1 Air Rescue

Make & Model	Bell 212	
Perform @ 7000'/90° F.	Yes Marginal 212/412	
Cruise Speed	140 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 Hours (350 miles)	
Refueling:	Can refuel @ FBOs (Jet-A) Can provide fuel truck if requested.	
Medical Personnel:	EMT/Paramedic	
Paid Extended Staffing:	Yes.	
Paid Relocation:	No	
Notes:	These aircraft are available within their region for Ad Hoc Missions.	
Ordering Procedure:	Call 1-800-655-1414.	

4. Elizabeth City, NC – Coast Guard

Make & Model	Jayhawk (HH-60J)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	144 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No. Case-by-case basis	
Notes:	Direct contact: Duty Officer, 252-335-6333 or 5 th Coast Guard District, Portsmouth, VA, 757-398-6231.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

5. Salisbury, NC

North Carolina National Guard/NC Helicopter & Aquatic Rescue Team (NCHART)

Make & Model	Blackhawk (UH-60L)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1.5 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 Hours (300 miles)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	EMT	
Paid Extended Staffing:	Yes	
Paid Relocation:	Yes, coordinate through AFRCC.	
Notes:	NCNG/NCHART can provide wilderness/water rescue using either hoist or short-haul.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests through the North Carolina Emergency Operations Center (EOC) at phone #: 800-858-0368 (24-hour). They will coordinate through the Air Force Rescue Coordination Center (AFRCC).	

6. Austin,, TX

7. San Antonio, TX – Texas Department of Public Safety

Make & Model	2-A-Star (AS 350 B3) 1-Eurocopter (EC 145)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	A- Star - 138 mph Eurocopter – 153 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	State mutual aid freqs.	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 400 lbs./250' cable)	
Fuel Cycle:	2 Hours (350 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Have fuel trailers for extended use.	
Medical Personnel:	No	
Paid Extended Staffing:	No	
Paid Relocation:	Case-by-case basis	
Notes:	TX DPS has a total of 15 helicopters, 3 with hoist capability, prepositioned around the state.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests through TX DPS dispatch at phone #: 512-424-7391. Additional contact Chief Pilot Bill Nabors 512-569-0531.	

8. Kennesaw, GA – Georgia State Patrol – Aviation

Make & Model	2-Bell 205 (UH-1H)	
Perform @ 7000°/90° F.	Marginal	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A).	
Medical Personnel:	No	
Paid Extended Staffing:	No	
Paid Relocation:	Possibly, under Georgia Mutual Aid Agreement	
Notes:	Inter-state response.	
Ordering Procedure:	GACC or 911 coordinate request through Georgia State Patrol (404) 624-6077	

9. Dahlonge, GA – Army 5th Ranger Training Battalion

Make & Model	UH-72 (Eurocopter EC-145)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	153 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	15 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./295' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A).	
Medical Personnel:	Medic/EMT	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	Limited use. On standby for Army Ranger training battalion.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests through Camp Frank D. Merrill phone #: 706-864-3367 (extension 5238 or 5234).	

10. Jacksonville, FL – Jacksonville Naval Air Station

Make & Model	Seahawk (MH-60R)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	144 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./200' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A).	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs. Day)	
Paid Relocation:	No	
Notes:		
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

11. Miami-Dade, FL – Miami-Dade Fire Rescue (Tamiami & Opa-locka airports)

Make & Model	4 – Bell 412 EP	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	125 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich, External (Rated 600lbs./250' cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBOs (Jet-A).	
Medical Personnel:	EMT	
Paid Extended Staffing:	Yes	
Paid Relocation:	No	
Notes:	When you dial 911 from a land line in Miami-Dade County, it gets routed to the appropriate regional 911 receiving center. The address that you are calling from will automatically come up in the system, but the operator will ask you for the address anyway for verification, and in case the emergency is not at the exact location that you are calling from.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests through 911 Miami-Dade County Dispatch.	

12. Royse City, TX – State Helicopters Inc.

Make & Model	Sikorsky S-58-ET	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	115 Knots	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes P25	
Night Vision Goggles (NVG)	No	
Order Response Time	1 Hour	
Hoist Type:	Breeze Eastern (Rated 600 lbs./200' cable)	
Fuel Cycle:	2.5 hours	
Refueling:	Can refuel @ FBOs (Jet-A) and have own FSV	
Medical Personnel:	No medical personnel on board	
Paid Extended Staffing:	All conditions under CWN Contract apply	
Paid Relocation:	All conditions under CWN Contract apply	
Notes:	FAA Class D, FAR Part 29 Cat A Certificated	
Ordering Procedure:	National Interagency Coordination Center (NICC) Boise, Idaho	

13. Knox County, TN – Knox County Sheriff’s Office

Make & Model	Bell /UH-1H	
Perform @ 7000’/90° F.	6000’/ 85° F	
Cruise Speed	92 kts	
VFR	Yes	
IFR	No	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich	
Fuel Cycle:	214nm @92kts (includes 20min reserve)	
Refueling:	Can refuel at any FBO with Jet-A . The unit also has its own fuel truck that can be dispatched with the aircraft.	
Medical Personnel:	NONE	
Paid Extended Staffing:	This agency does not accept reimbursement.	
Paid Relocation:	This agency does not accept reimbursement.	
Notes:	Agency maintains Hoist & Rescue Operations only. There are no emergency medical personnel included as team members. Local EMS may be transported to the scene if requested by scene commander	
Ordering Procedure:	Call Knox County E911 center (865-215-2444), Unit Commander Capt. Rick Trott (865-237-4700) or Aviation Unit Office (865-577-7195)	

14. Nashville, TN – Tennessee Highway Patrol Aviation Section

Make & Model	Bell UH-1H	
Perform @ 7000’/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1 Hour	
Hoist Type:	Goodrich (Rated 600 lbs./250’ cable)	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel at FBO’s (Jet A). Have fuel trailers if needed.	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	Direct contact: Sgt. Brad Lund Cell (615) 202-3678 Additional contact information #(865) 594-5798 THP Knoxville, TN	
Ordering Procedure:	THP Nashville Dispatch (615) 741-2060 or direct contact	

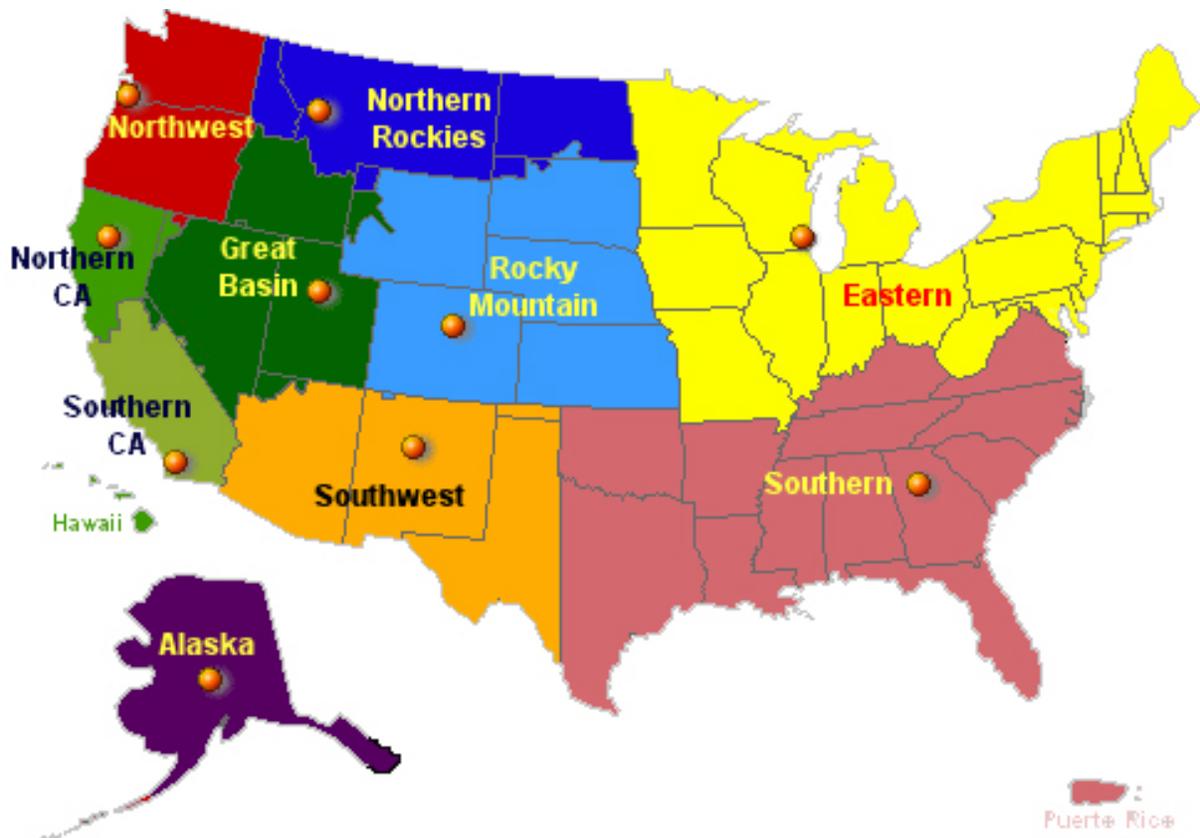
15. Virginia State Police – Based at Chesterfield, VA (KFCI), Lynchburg, VA (KLYH) and Abington, VA (KVJI)

Make & Model	Bell 407 (4 ea)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	120 kts	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	10 Minutes	
Hoist Type:	Breeze Eastern (Rated 300 lbs./150' cable)	
Fuel Cycle:	2 Hours (240 NM)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Paramedic/Flight Nurse/Advanced Life Support	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	State emergency response aircraft. Available for medical, SAR, FLIR, LE missions and hoist operations.	
Ordering Procedure:	Virginia State Police Dispatch (804-553-3420) Aviation Business hours (804-743-2234)	

16. Virginia State Police – Based in Chesterfield, VA (KFCI) and Abington, VA (KVJI)

Make & Model	EC-145 (2 ea)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	120 kts	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	10 Minutes	
Hoist Type:	Goodrich (600 lbs. /300' cable) (Rated 300 lbs./150' cable)	
Fuel Cycle:	2.5 Hours (300 NM)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Paramedic/Flight Nurse/Advanced Life Support	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	State emergency response aircraft. Available for medical, SAR, FLIR, LE missions and hoist operations.	
Ordering Procedure:	Virginia State Police Dispatch (804-553-3420) Aviation Business hours (804-743-2234)	

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Eastern

Eastern Helicopter Source Locations



1. **Saint Paul, MN** – Minnesota State patrol (Short-haul)
2. **Aitkin, MN** – Minnesota State patrol (Short-haul)
3. **St. Cloud, MN** – Minnesota National Guard (Hoist)
4. **Howell, MI** – Construction Helicopters (Hoist)
5. **Traverse City, MI** – Coast Guard (Hoist)
6. **Ft. Indiantown Gap, PA** – Pennsylvania National Guard (Hoist)
7. **Statewide, MD (8 Helicopters)** – Maryland State Police (Hoist)
8. **Washington DC** – US Park Police (Hoist)
9. **Statewide, NY** – (13 Helicopters) New York State Police (Hoist)
10. **Bangor, ME** – Maine National Guard (Hoist)
11. **West Bend, WI** – Wisconsin Army National Guard (Hoist)
12. **West Bend, WI** – Wisconsin Army National Guard (Hoist)
13. **Maine Forest Service** – Maine Forest Rangers (Short-Haul)
14. **Waterloo, IA** – Iowa Army National Guard (Hoist)
15. **Waterloo, IA** – Iowa Army National Guard (Hoist/Infrared)
16. **Ft. Indiantown Gap, PA** – Pennsylvania National Guard (Hoist)

1. Saint Paul, MN
2. Aitkin, MN – Minnesota State Patrol, Department of Public Safety

Make & Model	Bell 407 & Bell L4	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	126 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 – 45 Minutes	
Fuel Cycle:	2 hours (250 miles)	
Refueling:	Can refuel @ FBO's (Jet A).	
Medical Personnel:	2 Paramedics	
Paid Extended Staffing:	In-state/Intra-state with Governors approval.	
Paid Relocation:	Case-by-case, short term assignments have been performed in the past. Cooperative agreement in place through MN Dept. of Natural Resources (MNDNR).	
Notes:	Payment / Direct Contact: Captain Matt Nelson office (651) 539-1301. Response time is approximately 1 hour from Aitkin, 2 hours from Saint Paul to Ely air Attack Base, Superior NF.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests through DPS Dispatch: 651-582-1509.	

3. St. Cloud, MN – Minnesota National Guard

Make & Model	Blackhawk (UH-60)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 Hours	
Fuel Cycle:	350 miles	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Flight Medics as available.	
Paid Extended Staffing:	24/7	
Paid Relocation:	Case-by-case. MIFC agreement through Dept. of Emergency Management or MNDNR.	
Notes:	MN State contact Bill Schuster, office (218) 327-4573, or cell (218) 244-5286. MNANG contact CW5 Jeff Pratt, office (651) 281-3454 or cell (612) 309-5292. For PAYMENT contact CW5 Jeff Pratt, office (651) 281-3454.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

4. Howell, MI – Construction Helicopters

Make & Model	AW139/S-92	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	165/174 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	2 Hours	
Hoist Type:	AW 139 – Single Breeze Eastern (rated 600 lbs. w/295' cable) S-92 - Goodrich (rated 600 lbs. w/290" cable).	
Fuel Cycle:	AW 139 450 miles/S92 500 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Fuel truck & mechanic	
Medical Personnel:	As assigned by local authorities.	
Paid Extended Staffing:	Yes	
Paid Relocation:	Yes	
Notes:	Direct Contact: Primary-Jim Russell; Secondary- Mike Jones 734-483-6362, or toll free @ (800) 521-5130 OR Larry Kelly @ (208) 890-9417. For PAYMENT contact Jim Russell.	
Ordering Procedure:	Contact Eastern Area Coordination Center, phone #: 414-944-3811	

5. Traverse City, MI – Coast Guard

Make & Model	4 Dolphins (Dauphin HH-65C)	
Perform @ 7000°/90° F.	No	
Cruise Speed	143 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	240 miles (average)	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No	
Notes:	May be tasked for inland rescue by the Air Force Rescue Coordination Center if no other resources are available. Available in Great Lakes area on case-by-case basis. Direct contact and for PAYMENT: Officer on Duty, 231-922-8210.	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

6. Fort Indiantown Gap, PA – Pennsylvania National Guard

Make & Model	Blackhawk (UH-60)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 Hours	
Fuel Cycle:	2 Hours (300 miles)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Flight Medics	
Paid Extended Staffing:	No	
Paid Relocation:	Case-by-case. Governor's approval.	
Notes:	Main Base. 717-861-8500. Availability determined by activities at the time.	
Ordering Procedure:	GACC Contact State Aviation Officer (SAO), then SAO will contact PA Emergency Management Agency (PEMA) then PEMA will contact Guard unit.	

7. Maryland Statewide – Maryland State Police

Make & Model	(10) AW-139	
Cruise Speed	140 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./290' cable)	
Fuel Cycle:	2 Hours (300 miles)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Flight Paramedic	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	Maryland State Police (MSP) has 10 helicopters throughout the state located at: Baltimore, Forestville, Frederick, Salisbury, Eaton, California and Cumberland, MD. Aviation Dispatch Command: (410) 783-7525 For PAYMENT contact Keith McMinn at above number (email keith.mcminn@maryland.gov)	
Ordering Procedure:	GACC or 911 dispatch center should coordinate requests through MSP SYSCOM Dispatch: 800-468-5090 or 410-706-8080/81/82	

8. Washington DC – U.S. Park Police

Make & Model	(10) AW-139	
Perform @ 7000'/90° F.	Marginal	
Cruise Speed	140 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Fuel Cycle:	2 Hours (250 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	Direct Contact: 202-690-0738 For PAYMENT contact Sgt. Ken Burchell 202-690-0738	
Ordering Procedure:	24 hour dispatch 202-610-7500 Emergency Communication Center 202-610-7515.	

9. New York Statewide – New York State Police

Make & Model	Bell 430/407 UH-1(external only)	
Perform @ 7000'/90° F.	Marginal	
Cruise Speed	161 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Varies by aircraft type 407: rated for 300 lbs/150' cable and 430 / UH-1 rated for 600 lbs / 250' cable	
Fuel Cycle:	2 Hours (300 miles)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Paramedic (if available)	
Paid Extended Staffing:	24/7	
Paid Relocation:	No	
Notes:	New York State Police has 11 helicopters throughout the state located at 5 stations, Albany, Saranac Lake, Newburgh, Syracuse and Batavia. Aviation Primary Dispatch Phone: 518-242-4500. For PAYMENT contact Chief Pilot John Heely 518-242-4500	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests through New York State 911 number.	

10. Bangor, ME – Maine National Guard

Make & Model	Bell 412	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	No	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-3 Hours	
Hoist Type:	Goodrich (Rated 600 lbs/250' cable)	
Fuel Cycle:	2 Hours (300 miles)	
Refueling:	Can refuel @ FBOs (Jet-A)	
Medical Personnel:	Flight Medics as available	
Paid Extended Staffing:	No	
Paid Relocation:	Case-by-case. Governor's approval.	
Notes:	Availability determined by overseas deployments. Direct contact :LT Col Brian Veneziano (207)-735-1101 24 hour number is (207) 735-1150 or 1199 (base security)	
Ordering Procedure:	GACC or 911 dispatch centers should coordinate requests for military, Coast Guard, and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.	

11. West Bend, WI – WI Army National Guard – Located at Army Aviation Support Facility #1 (AASF #1)

Make & Model	Blackhawk (UH-60 A/L)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-6 hrs in-state 2 days intra-state	
Hoist Type:	Goodrich (Rated 600lbs. / 250'Cable)	
Fuel Cycle:	350 Miles	
Refueling:	Can refuel at FBOs (Jet-A)	
Medical Personnel:	Medic (EMT) may be on board, depending on staffing	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	WI ANG contacts: Colonel Steven Watkins (608) 807-8127 Secondary: LT. Colonel Brosig (608) 630-2677. For PAYMENT contact Sgt. Caitlin Heinzen at 608-242-3142	
Ordering Procedure:	GACC or 911 dispatch center should coordinate requests for military, Coast Guard and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone # 800-851-3051.	

12. West Bend, WI – WI Army National Guard – Located at Army Aviation Support Facility #1 (AASF #1)

Make & Model	Eurocopter EC-145 (UH-72/LUH)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	153 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-6 hrs in-state 2 days intra-state	
Hoist Type:	Goodrich (Rated 400 lbs. / 150' Cable)	
Fuel Cycle:	350 Miles	
Refueling:	Can refuel at FBOs (Jet-A)	
Medical Personnel:	Medic (EMT) may be on board, depending on staffing	
Paid Extended Staffing:	No	
Paid Relocation:	No	
Notes:	WI ANG contacts: Colonel Steven Watkins (608) 807-8127, Secondary: LT. Colonel Brosig (608) 630-2677. For PAYMENT contact Sgt. Caitlin Heinzen at 608-242-3142	
Ordering Procedure:	GACC or 911 dispatch center should coordinate requests for military, Coast Guard and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone #800-851-3051.	

13. Maine Forest Service – Maine Forest Rangers

Make & Model	Bell 407/ Bell UH-1H (5)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	125 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	30 Minutes	
Hoist Type:	NONE SHORT HAUL ONLY	
Fuel Cycle:	2 Hours (300 miles)	
Refueling:	Can refuel @ FBOs (Jet-A), PWS agency fuel trucks	
Medical Personnel:	Wilderness First Responder	
Paid Extended Staffing:	In state	
Paid Relocation:	Case-by-case.	
Notes:	Chief Ranger Pilot: John Crowley For PAYMENT contact John Crowley (207) 827-1800	
Ordering Procedure:	Maine Forest Service Dispatch : (207) 827-1800	

14. Waterloo, Iowa – Iowa Army National Guard

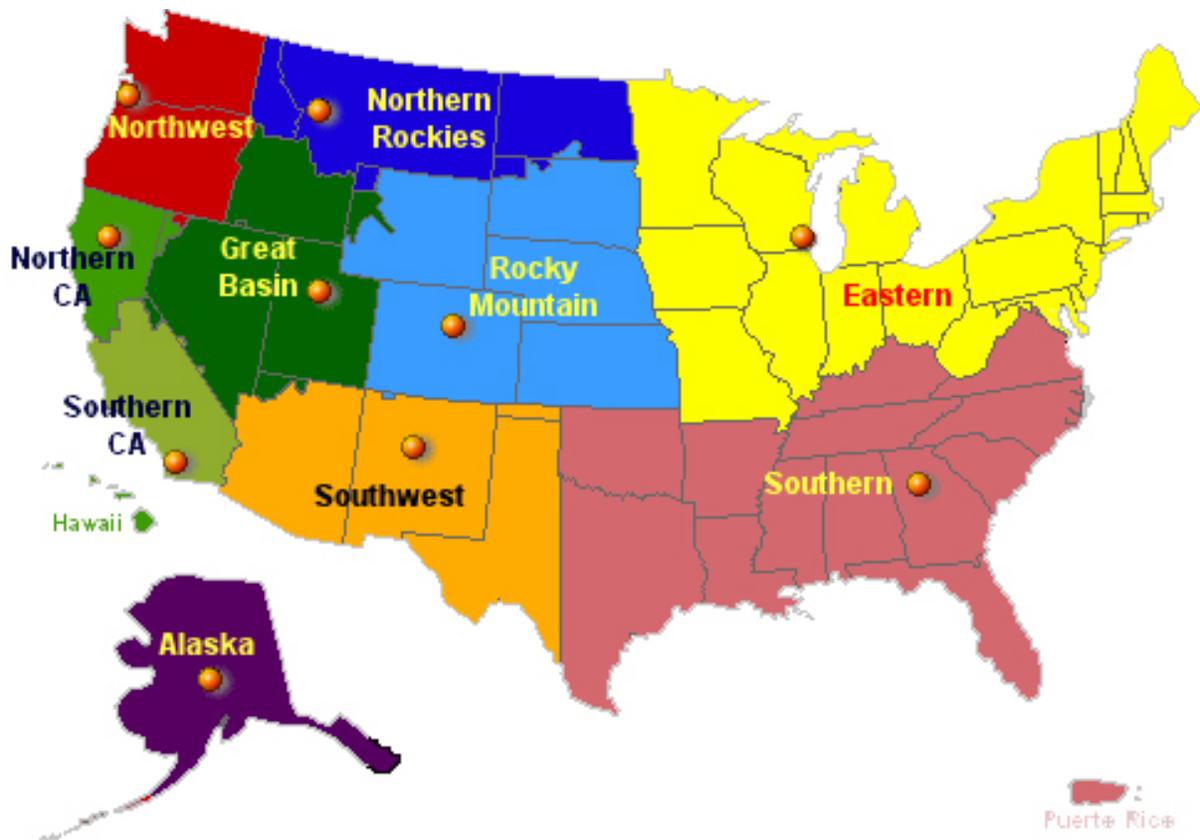
Make & Model	Lakota (UH-72) (Eurocopter EC-145)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 MPH	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-5 hours, crew dependendt	
Hoist Type:	Goodrich (Rated 600lbs. / 295'Cable)	
Fuel Cycle:	250 Miles (@ 2 hours and 20 minutes)	
Refueling:	Can refuel at FBOs (Jet-A)	
Medical Personnel:	NO	
Paid Extended Staffing:	Overtime is case by case and RON if funding is available	
Paid Relocation:	72 hours clause	
Notes:	Aircraft fitted with IR capabilities and may be available. National Guard has the immediate Response Authority for life, limb or eye sight. Iowa ARNG contact LTC Timothy Eich office (319) 234-1372. PAYMENT contact Joint Operations Center (515) 252-4710	
Ordering Procedure:	GACC or 911 dispatch center should coordinate requests for military, Coast Guard and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone # 800-851-3051.ter Ordering Procedure	

15. Waterloo, Iowa – Iowa Army National Guard

Make & Model	Blackhawk (UH-60) A+L	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	150 MPH	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	NO	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-5 hours, crew dependendt	
Hoist Type:	External Breeze Eastern Hoist (Rated 600lbs. / 300'Cable)	
Fuel Cycle:	250 Miles (@ 2 hours and 20 minutes)	
Refueling:	Can refuel at FBOs (Jet-A)	
Medical Personnel:	National Registered Paramedic (NRP) / Critical Care Provider (CCP) and EMT-B Flight Medics may be available	
Paid Extended Staffing:	Overtime is case by case and RON if funding is available	
Paid Relocation:	72 hours clause	
Notes:	Aircraft fitted with IR capabilities and may be available. National Guard has the immediate Response Authority for life, limb or eye sight. Iowa ARNG contact LTC Timothy Eich office (319) 234-1372. PAYMENT contact Joint Operations Center (515) 252-4710	
Ordering Procedure:	GACC or 911 dispatch center should coordinate requests for military, Coast Guard and National Guard resources through the Air Force Rescue Coordination Center (AFRCC) at phone # 800-851-3051.ter Ordering Procedure	

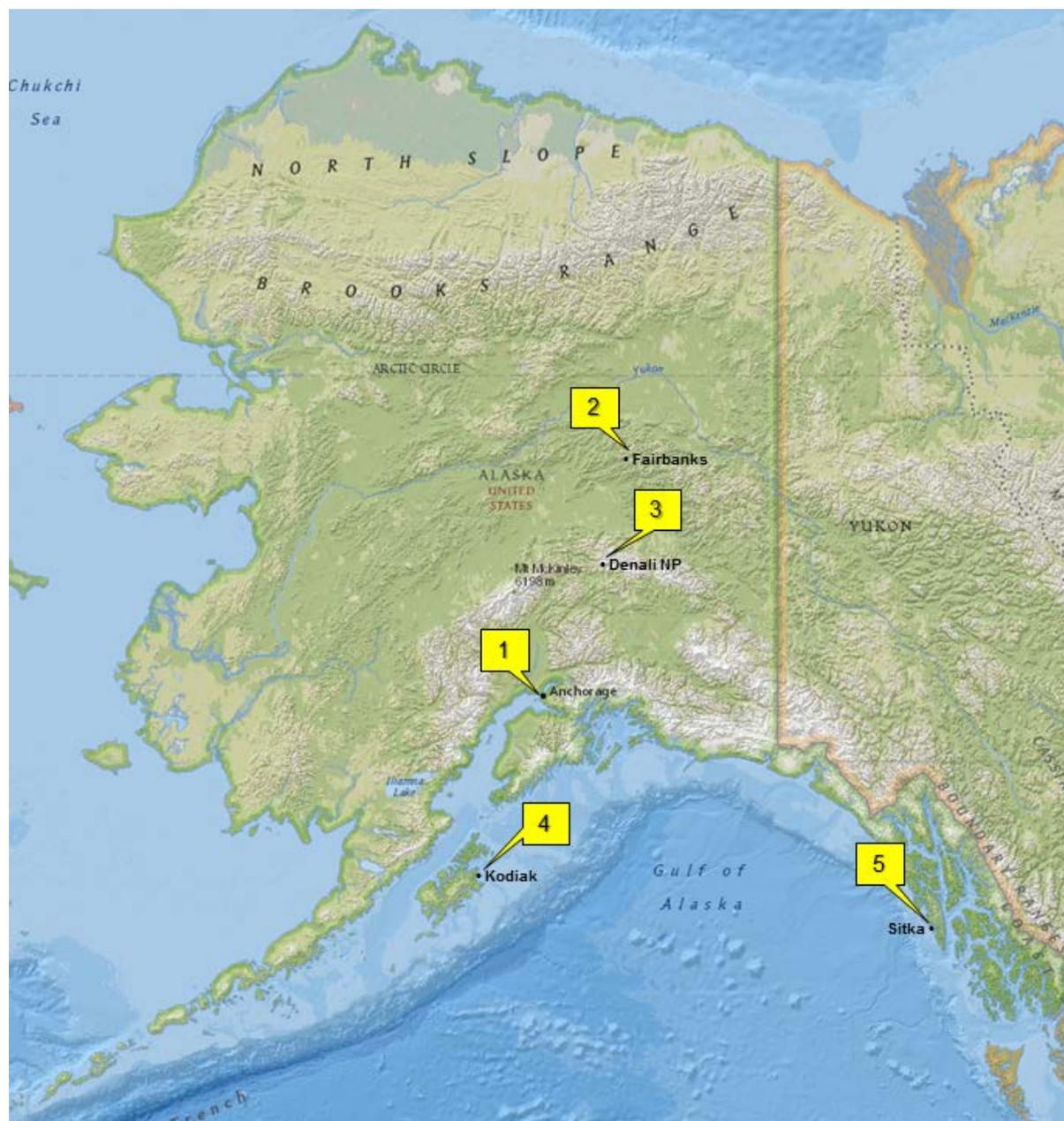
16. Fort Indiantown Gap, PA – PA Army National Guard

Make & Model	CH-47	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	130MPH	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	2-4 hours crew dependent	
Hoist Type:	Goodrich (Rated 600lbs. / 150' Cable) Rescue/Hoist capable	
Fuel Cycle:	300 Miles (@ 3 hours)ter Fuel Cycle	
Refueling:	Can refuel at FBOs (Jet-A)	
Medical Personnel:	No, but can be requested	
Paid Extended Staffing:	Overtime is case by case and RON if funding is available	
Paid Relocation:	Case by case and SAO and Governor will need to approve	
Notes:	National Guard has the immediate Response Authority for life, limb or eye sight. PAYMENT contact the State Aviation Officer (SAO)Main Base. 717-861-8500. Availability determined by activities at the time. nter Notes	
Ordering Procedure:	GACC Contact State Aviation Officer, then SAO will contact PA Emergency Management Agency (PEMA) then PEMA will contact Guard unit	



Alaska

Alaska Helicopter Source Locations



1. **Anchorage, AK** – Alaska Air National Guard (Hoist)
2. **Fairbanks, AK** – Alaska Air National Guard (Hoist)
3. **Denali NP** – National Park Service (Short-haul)
4. **Kodiak, AK** – Coast Guard (Hoist)
5. **Sitka, AK** – Coast Guard (Hoist)

1. Anchorage, AK
2. Fairbanks, AK – Alaska Air National Guard

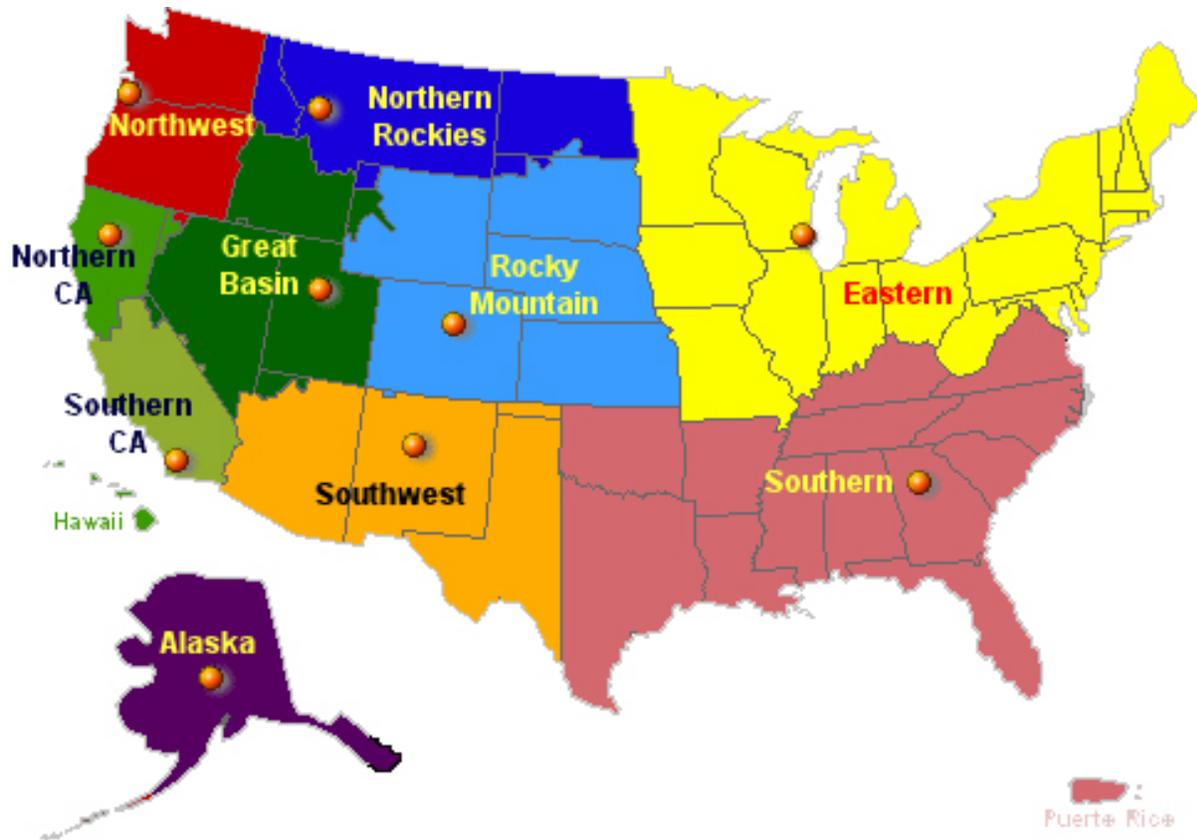
Make & Model	Pavehawk (HH-60)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	150 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	1-2 Hours	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Possible In-flight refueling	
Medical Personnel:	Paramedic	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No.	
Notes:	None	
Ordering Procedure:	Dispatch centers should coordinate requests for military, Coast Guard, National Guard and National Park Service resources through the 11 th Rescue Coordination Center (RCC), Elmendorf AFB, Fairbanks, AK at phone #: 800-420-7230 or 907-551-7230.	

3. Denali NP – National Park Service

Make & Model	A-star (AS350-B3)	
Perform @ 7000°/90° F.	Yes	
Cruise Speed	135 mph	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	No	
Order Response Time	1 Hours	
Hoist Type:	None/Short-haul	
Fuel Cycle:	2 Hours (276 Miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	EMT (includes Helitack support personnel)	
Paid Extended Staffing:	Determined by flight request.	
Paid Relocation:	Yes. Case-by case basis.	
Notes:	None	
Ordering Procedure:	Contact: Denali Communications Center, 907-683-9555, or South District Ranger, John Leonard, 907-733-2231, to check availability.	

- 4. Kodiak, AK
- 5. Sitka, AK – Coast Guard

Make & Model	Jayhawk (HH-60J)	
Perform @ 7000'/90° F.	Yes	
Cruise Speed	144 mph	
VFR	Yes	
IFR	Yes	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	30 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	300 miles	
Refueling:	Can refuel @ FBOs (Jet-A). Prefer those w/ Govt. contract.	
Medical Personnel:	EMT (Rescue Swimmer)	
Paid Extended Staffing:	Extended staffing provided (24 hrs/Day)	
Paid Relocation:	No. Case-by-case basis	
Notes:	For SE AK may also contact USCG Juneau Command at: 800-478-5555.	
Ordering Procedure:	Dispatch centers should coordinate requests for military, Coast Guard, National Guard and National Park Service resources through the 11 th Rescue Coordination Center (RCC), Elmendorf AFB, Fairbanks, AK at phone #: 800-420-7230 or 907-551-7230.	



National

National Helicopter Source Locations

ERA Helicopters, through a teaming arrangement with Priority 1 Air Rescue Inc. (P1AR), now offers FAA-approved full-service Search and Rescue (SAR) and Emergency Medical Services capability and turnkey solutions to meet government needs.

Helicopters are stationed at Era Helicopters in Lake Charles LA. During the fire season and upon notice, the Priority 1 Air Rescue helicopter and aircrew can preposition to major fires or large incidents and provide dedicated 24/7 on-scene rescue and ALS medical support.

Crews and helicopters can be made available for the entire fire season. If needed, Era Helicopters and Priority 1 Air Rescue can also provide an additional rescue helicopter and air rescue/medical crew.

Make & Model	Augusta AW-139 or 109 /Bell 412	
Perform @ 7000'/90° F.	Yes/ Marginal 412	
Cruise Speed	170 mph/140mps	
VFR	Yes	
IFR	No	
FM Radio Programmable	Yes	
Night Vision Goggles (NVG)	Yes	
Order Response Time	15 Minutes	
Hoist Type:	Goodrich (Rated 600 lbs./250' cable)	
Fuel Cycle:	2 Hours (350 miles)	
Refueling:	Can refuel @ FBOs (Jet-A). Also have fuel truck.	
Medical Personnel:	Advanced Life Support (ALS) Paramedic and NREMT-B	
Paid Extended Staffing:	Yes. 24/7 upon request.	
Paid Relocation:	Yes. This is a full service commercial source now available that is FAA Part 133, Class D certified.	
Notes:	Aircraft are ALS configured for 2 non-ambulatory stretchers, 2 ambulatory patients and medical crew. Aircraft can be equipped for Shortwave Infrared (SWIR) which can see through smoke and fog.	
Ordering Procedure:	Currently there is not a procurement mechanism in place to utilize services. For additional information contact: Era Helicopters, or Priority 1 Air Rescue, http://www.erahelicopters.com/e4/e1655/index_eng.html , or http://www.priority1airrescue.com/SARMedevac.html , Phone: Brad Matheson, 360-305-1796 or Mark Torres, 602-616-0648.	

Appendix 1 – EHE Source List Template

Below is a template of the format being utilized for this document, please fill in information as described in the table. If you would like additional information or have questions, contact:

National Short-Haul Specialist
USDA-Forest Service
 3833 S. Development Ave.
 Boise, ID 83705-5398
sethweber@fs.fed.us
 FAX – (208) 387-5735

1. Location of Helicopter – Organization

Make & Model	Enter Make & Model	
Perform @ 7000'/90° F.	Enter Perform @ 7000'/90° F.	
Cruise Speed	Enter Cruise Speed	
VFR	Enter VFR	
IFR	Enter IFR	
FM Radio Programmable	Enter FM Radio Programmable	
Night Vision Goggles (NVG)	Enter Night Vision Goggles (NVG)	
Order Response Time	Enter Order Response Time	
Hoist Type:	Enter Hoist Type	
Fuel Cycle:	Enter Fuel Cycle	
Refueling:	Enter Refueling	
Medical Personnel:	Enter Medical Personnel	
Paid Extended Staffing:	Enter Paid Extended Staffing	
Paid Relocation:	Enter Paid Relocation	
Notes:	Enter Notes	
Ordering Procedure:	Enter Ordering Procedure	

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Appendix 2 – EHE Mission Planning

The following information was compiled by the Intermountain Healthcare Life Flight Program, Salt Lake City, UT and is intended to assist those involved in mission planning for an emergency extraction.

Their website states, “A hoist rescue is a great tool for extracting patients from challenging environments however this type of operation does have some limitations. Good communication between the requesting agency and Life Flight is critical in creating a plan to best serve all agencies and the patient safely.”

For additional information go to intermountainhealthcare.org website:

<http://intermountainhealthcare.org/services/lifeflight/about/teams/Pages/hoist.aspx>

Minor revisions have been incorporated into the information to fit the audience.

Mission planning should begin with these types of questions:

- What is the nature of the intended short-haul/hoist rescue?
- What is the weather at the scene?
- What do you want the rescuer to do?
- What is the plan if the rescuer cannot complete the mission?
- Patient information (i.e. location, mechanism of injury, condition, anyone with the patient, contact).
- Is there a Command Post (location, IC contact, radio frequencies)?
- Is SAR at the scene or deployed?
- Is there a landing area (near the patient, near the Command Post)?
- Where is the nearest location for jet fuel?
- Is there anything else you want us to do before we leave the area?

Factors That Limit Hoist Operations:

- Winds are greater than 20 mph, poor visibility, or severe weather.
- If total weight of patient and equipment exceeds 450 lbs.
- Hoist operations are not conducted at night.
- Over water.

We may not be able to complete a short-haul/hoist mission if:

- There are unresolved communications issues or safety problems.
- Near dusk.
- Patient location requires technical rescue.

There's avalanche potential at patient location.

Initial Short-haul/Hoist Risk Assessment:

- Life threatening injury or illness.
- Time dependent injury.
- Ground evacuation may endanger patient and/or other personnel.
- Ground evacuation would be time consuming.
- Ground evacuation is not possible.
- No landing area near the patient.

TOMAS

Terrain: (Alpine, forest, slope, snow, etc.) When possible, establish a nearby alternate landing area.

Obstacles: (Trees, cliffs, rock scree, loose debris, dust, wires, limited daylight, rotor wash, etc.).

Method: (net, bag, litter, harnesses, tag line, etc.) Logistics, type of insertion/extraction.

Alternatives: Standby and/or assist SAR with a ground rescue, land near victim.

Safety: Team reviews available information and identifies concerns. Determines “Go/No Go” decision and justifies why.