

# 2023

Manual provided by: **Nebraska Forest Service**  
In cooperation with: **Nebraska Emergency  
Management Agency**

## EMERGENCY ASSISTANCE FOR WILDFIRE CONTROL



*The University of Nebraska does not discriminate based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation in its programs, activities, or employment.*

# EMERGENCY ASSISTANCE FOR WILDFIRE CONTROL

## INTRODUCTION

This publication has been developed by the Wildland Fire Protection Program of the Nebraska Forest Service as a description of aviation suppression resources available to the rural fire districts and the fire departments in the State of Nebraska for the control and suppression of wildfires. It can be used as a "quick reference" source for those resources available statewide. It is divided into four sections.

### **Section 1: Phone Directory**, pages 6-8

This section contains the telephone numbers of several state, federal and private agencies with emergency suppression resources or can provide technical expertise in suppressing wildfires.

### **Section 2: Aerial Applicator and Foam Cache Directory**, pages 9-14

This section contains the following information concerning the Nebraska Forest Service Fire Aviation Program:

- The procedures that must be used to obtain aircraft for wildfire suppression.
- The names, locations, and phone numbers of cooperating aerial applicators.
- The number and size of aircraft available.
- Instructions for the use and locations of Class A Foam.

### **Section 3: Local Resources**, page 15

This section is reserved for the individual fire departments to record local telephone numbers or other vital information in the Quick Reference section.

### **Section 4: SEAT Requests**, page 17-23

This section contains deployment procedures and forms you will need to follow to order a Single Engine Air Tanker (SEAT).

Take time now, **BEFORE** you need this manual, to turn to **page 16** and fill in the local telephone numbers you may need when a major wildfire strikes.

### **Section 5: Nebraska State Resources Available**

This section provides background and ordering information for the WIRAT and Type 3 Incident Management Team. **RESOURCES AVAILABLE TO YOU ON REQUEST**

## **New additions in 2023**

**Page 27 STRIKETEAM & TASKFORCES LIST** -These are resources that may be requested during large incident requiring additional resources.

**Page 28 STATE PATROL TROOP MAP AND PHONE LIST**

**Page 29 RURAL AND PUBLIC POWER DISTRICT CONTACT LIST**

**Page 30-31 HOSPITALS CONTACT LIST**

**Page 31 (Bottom) BURN CENTERS W /CONTACT INFO**

**Page 32-41 Medevac Guide** - This is a list of all medevac providers in Nebraska and South Dakota. Including contact numbers and ordering procedures.

**Page 42-43 Medical Incident Report ICS 206WF** THIS IS TO BE USED IN THE EVENT OF A MEDICAL EMERGENCY TO REPORT AND DOCUMENT CRITICAL INFORMATION THAT CAN BE PASSED ON TO DISPATCH AND NEXT LEVEL CARE PROVIDERS ALONG WITH AN ADDITIONAL NOTES PAGE.

# IMPORTANT NOTICE

1. If a wildland fire occurs in your fire district and aerial applicators are used, the following must take place:
  - \* The incident commander or designee must track the accrued expense of aircraft utilization (all aircraft used, not individually) for billing purposes.
  - \* As the cost nears \$25,000, the incident commander must notify the Nebraska Emergency Management Agency (NEMA).
  - \* NEMA must have permission from the governor's office and a Governor's Emergency Declaration to expend more than \$25,000.
2. Should your wildland fire become large enough and/or threaten a community, the incident commander can request large air tankers or National Guard helicopters by contacting NEMA directly: 877-297-2368 or 402-471-7421.
  - \* This is the fastest and only means of requesting large air tankers and/or National Guard helicopters.

THIS MANUAL WAS PREPARED BY:

## NEBRASKA FOREST SERVICE

### Wildland Fire Protection Program

102 Forestry Hall, East Campus

University of Nebraska-Lincoln

Lincoln, Nebraska 68583-0815

Phone: 402-472-2944

Fax: 402-472-2964

IN COOPERATION WITH:

**NEBRASKA EMERGENCY MANAGEMENT AGENCY**

<b>ASSISTANCE FOR MANAGING WILDFIRES</b>	<b>DAY PHONE</b>	<b>NIGHT PHONE</b>
		<i>(if different from DAY)</i>
<b>Nebraska Forest Service</b>	402-472-2944	
<b>Nebraska Emergency Management Agency (NEMA)</b>	877-297-2368	402-471-7421
<b>NEBRASKA AGENCIES</b>		
<b>Nebraska Emergency Management Agency (NEMA)</b>		
• Watch Center (Including nights, weekends, holidays)	877-297-2368	402-471-7421
• Emergency Operation Center	402-499-1219	
<b>Nebraska Forest Service</b>		
• John Erixson, State Forester	402-472-6601	
• Matt Holte, Fire Management Officer	402-472-6060	307-287-9125
• Justin Nickless, Fire Management Specialist - Ainsworth	402-760-1930	402-760-1930
• Eric Moul, Fire Management Specialist – Southwest	308-289-9821	308-289-9821
• Vacant, Fire Management Specialist - Chadron		
• Lew Sieber, FEPP Manager	402-624-8061	402-499-2650
<b>Fire Marshal</b>	402-471-2027	
• Scott Cordes, State Fire Marshal	402-471-2027	531-893-3944
• District A - Lincoln	402-471-2590	
Jason McClun, Chief District A	402-949-0190	
• District B - Albion	402-395-2164	
• Todd Wright, Chief District B & C	308-830-1219	
• Training Division, Grand Island	308-385-6892	
• Allen Michel, Deputy State Fire marshal	308-279-1788	
<b>State Patrol</b> SEE MAP Page 28		
• Emergency	800-525-5555	
• HazMat Response	800-525-5555	
• Mobile Command Post	800-525-5555	
• Headquarters - Lincoln	402-471-4545	
• Troop A, Omaha	402-331-3333	
• Troop B, Norfolk	402-370-3456	
• Troop C, Grand Island	308-385-6000	
• Troop D, North Platte	308-535-8047	
• Troop E, Scottsbluff	308-632-1211	
<b>OTHER AGENCIES</b>		
<b>Northern Great Plains Interagency Dispatch Center - Rapid City, SD</b>	605-399-3160	
<b>Rocky Mountain Area Coordination Center - Lakewood, CO</b>	303-445-4300	
<b>National Interagency Coordination Center - Boise, ID</b>	208-387-5050	
<b>RAILROADS</b>		
<b>Burlington-Northern Railroad - Emergency</b>	800-832-5452	
	<i>option 1</i>	
<b>Nebraska Central Railroad - Train Dispatcher - Norfolk</b>	402-371-9015	402-379-2262
<b>NebKota Railroad - Train Dispatcher - Chadron</b>	308-432-2487	308-432-8378

	<b>DAY PHONE</b>	<b>NIGHT PHONE</b>
<b>RAILROADS</b> <i>(continued)</i>		<i>(if different from DAY)</i>
<b>Nebraska Northwestern</b> - Train Dispatcher - Chadron	308-432-8378	
<b>Nebraska-Kansas-Colorado Railway</b> - Grant	800-331-3115	
<b>Union Pacific Railroad – Emergency/Critical call</b>	888-877-7267	
<b>U.S. GOVERNMENT</b>		
<b>National Park Service</b>		
Midwest Regional Office - Omaha	402-661-1601	
• Herbert C. Frost Ph.D, Regional Director	402-661-1520	970-231-4725
• Jay Mickey, Deputy Regional Fire Management Officer	402-661-1764	402-250-1233
• Scott Beacham, Fire Management Specialist	402-661-1768	402-651-8789
• Patrick Pearson, Chief of Fire & aviation Midwest region	402-661-1754	402-630-0685
Agate Fossil Beds - Harrison	308-668-2211	308-436-9760
• Dan Morford ,Supt.	219-380-2817	
Homestead National Monument - Beatrice		
• Betty J. Boyko, Supt.	402-223-3514	
Missouri National Recreational River - Crofton		
• Curt Dimmick, Supt.	605-665-0209	
Niobrara National Scenic River - Valentine		
• Steve Thede, Supt.	402-376-1901	605-454-5161
Scottsbluff Monument - Gering	308-436-9700	
• Dan Morford, Supt.	308-436-9711	
• Mark Davison, Chief Ranger	308-436-9721	
<b>U.S. Forest Service</b>		
Nebraska National Forest, Forest Supervisor's Office – Chadron		
• Jack Isaacs, Forest Supervisor	308-432-0300	308-430-1379
• Brian Daunt, Fire Management Officer	605-740-8207	605-890-2238 (c)
• Mark Redfox, Assistant Fire Management Officer	308-360-0227 (c)	
Bessey Ranger District - Halsey		
• Julie Bain, District Ranger	308-533-2257	308-533-8115
• Tedd Teahon, District Fire Manager	308-880-0540	308-533-8108
McKelvie Ranger District – Nenzel	308-553-2257	
Pine Ridge Ranger District - Chadron		
• Timothy Buskirk, District Ranger	308-432-6855	308-432-0393
• Caleb Meyer, Fire Management officer	308-430-5043 (c)	
• Dayton Cleveland, Engine Captain	308-430-2093 (c)	
<b>U.S. Fish &amp; Wildlife Service</b>	605-885-6273	605-951-8690 (c)
Rainwater Basin Management	308-263-3000	
Quivira National Wildlife Refuge - Stafford, KS		
• Bill Waln, FMO Southern NE and Northern Kansas	620-486-2393	
Crescent Lake NWR - Ellsworth		
• Brian DeVries Refuge Manager	308-783-2477	
• Chris Masson, Fire Program Tech	308-762-4893	308-762-2028 C

	DAY PHONE	NIGHT PHONE
<b>U.S. Fish &amp; Wildlife Service (continued)</b>		<i>(if different from DAY)</i>
Fort Niobrara NWR		
Great Plains Zone FMO Colby Crawford Northern Ne, all of SD	605-885-6273	605-951-8690
Billy Cumbow Supervisory Range Tech (FIRE)	402-376-3789	402-322-0252
Valentine NWR	402-376-1889	
Lacreek NWR Todd Schmidt Refuge Manager	605-685-6508	308-760-6268
<b>NATIONAL WEATHER SERVICE</b>		
Western Nebraska: Cheyenne, WY	800-269-6220	
<ul style="list-style-type: none"> <li>Banner, Box Butte, Cheyenne, Dawes, Kimball, Morrill, Scotts Bluff, Sioux counties</li> </ul>		
Southwest Nebraska: Goodland, KS	800-272-7811	
<ul style="list-style-type: none"> <li>Dundy, Hitchcock, Red Willow counties</li> </ul>		
North Central Nebraska: North Platte, NE	800-603-3562	
<ul style="list-style-type: none"> <li>Arthur, Blaine, Brown, Boyd, Chase, Cherry, Custer, Deuel, Frontier, Garden, Garfield, Grant, Hayes, Holt, Hooker, Keith, Keya Paha, Lincoln, Logan, Loup, McPherson, Perkins, Rock, Sheridan, Thomas, Wheeler counties</li> </ul>		
South Central Nebraska: Hastings, NE	800-528-2914	
<ul style="list-style-type: none"> <li>Adams, Buffalo, Clay, Dawson, Fillmore, Franklin, Furnas, Gosper, Greeley, Hall, Hamilton, Harlan, Howard, Kearney, Merrick, Nance, Nuckolls, Phelps, Polk, Sherman, Thayer, Valley, Webster, York counties</li> </ul>		
Eastern Nebraska: Valley, NE	800-452-9074	
<ul style="list-style-type: none"> <li>Antelope, Boone, Burt, Butler, Cass, Cedar, Colfax, Cuming, Dodge, Douglas, Gage, Jefferson, Johnson, Knox, Lancaster, Madison, Nemaha, Otoe, Pawnee, Pierce, Platte, Richardson, Saline, Sarpy, Saunders, Seward, Stanton, Thurston, Washington, Wayne counties</li> </ul>		
Northeast Nebraska: Sioux Falls, SD	800-852-9470	
<ul style="list-style-type: none"> <li>Dakota, Dixon counties</li> </ul>		

**National Weather Service-  
Nebraska County coverage  
and contact information**





## FIRE AVIATION

Several aerial applicators across Nebraska cooperate with the Nebraska Forest Service and Nebraska Emergency Management Agency to provide the aerial application of retardants to combat wildfires. The aerial applicator is an initial attack tool available to a fire department and can often get to the fire before ground crews.

**Dispatching Procedure:** To use aircraft, the following guidelines **will** be used:

1. **Dispatching:** The Incident Commander is authorized to dispatch one or more aerial applicators to apply fire retardant on wildfires. Aircraft can fly from an airport other than their base of operations, therefore eliminating the possibility of an aircraft closest to a wildfire not being available. In many instances, there will be an airport closer to the wildfire than there will be aircraft. Using the nearest airport will also reduce the turnaround time for each mission flown.
  
2. **Notification:** The local fire chief, fire department officer, the county sheriff, or the local emergency management director of the jurisdiction requesting aircraft **will call** the Nebraska Emergency Management Agency Emergency Operations Center (EOC) in Lincoln and inform them that aircraft have been re- requested. **The EOC must be notified *immediately (402-499-1219)***. These requirements are necessary to allow for the use of the Governor's Emergency Fund to pay for the aircraft. **Failure to give proper notification and information *will result in the local fire department paying for the aircraft.***
  
3. **The Nebraska Forest Service must be notified within 48 hours of the fire.**
  
4. **Reimbursement:** The Nebraska Emergency Management Agency (NEMA) has set the following rates:

Aircraft Load	Rate per Flight Hour	Aircraft Load	Rate per Flight Hour
50-150 gallons	\$550.00	451-600 gallons	\$2200.00
151-200 gallons	\$621.50	601-800 gallons	\$2420.00
201-300 gallons	\$907.50	801+ gallons	\$2640.00
301-450 gallons	\$1980.00	<b><i>Rates Effective April 1 2022</i></b>	
<b>ROTOR Aircraft</b>	\$1100.00		

**Billing:** The aerial applicator should bill the requesting agency (the local fire department) but send the statement directly to:

Matt Holte  
 Nebraska Forest Service, Wildland Fire Protection  
 P.O. Box 830815  
 Lincoln, NE 68583-0815

**Late Bills:** Bills received more than thirty (30) days after the incident will not be paid. In the event of extenuating circumstances, the applicator may pursue payment after 30 days by:

- Appearing personally at the Nebraska Forest Service office in Lincoln **and**
- Providing documentation to justify processing the late bill.

This documentation will be sent to NEMA for further action.

**Billing Statement Forms may be obtained by calling the Nebraska Forest Service at 402-472-2944.**

## SAFETY PRECAUTIONS FOR AIRCRAFT USAGE

**Pilot Discretion:** The decision to fly or not to fly a wildfire mission is that of the aircraft pilot **ONLY**. If the pilot determines that the flying conditions so warrant, he/she may refuse to fly. **The pilot's decision is final.**

**Air Traffic:** When *multiple* aircraft are used on a fire, their activity must be coordinated. We recommend that for large fires with multiple aircraft, the fire chief appoints a person (an aircraft supervisor is recommended) to be in charge of aerial operations. This person should have radio contact with both the aircraft and fire chief. Aircraft without radios should be kept clear of congested airspace around the fire. If aircraft without radios must be utilized, a person in radio contact with the fire chief will be physically present at the landing/refill site to direct pilots to the appropriate area of the fire and establish a safe route to and from that area. It may be necessary to hold them on the ground from time to time until the airspace clears.

**NOTE:**

**Aerial applicators will not be allowed to enter air space being utilized by air tankers under contract to Nebraska or the federal government. All aerial applicators must be removed from within ten air miles of the retardant drop area or grounded while federal air tankers are assigned to a wildfire.**

## TRAINING FOR AERIAL APPLICATORS

Training and/or review is available for fire departments and new/existing aerial applicators in the proper procedures for aircraft operations during a wildfire incident.

**Please contact one of the individuals listed below to receive training about:**

1. Fire department activities around aircraft;
2. Safety procedures used when multiple aircraft are used;
3. The establishment of a staging area for air operations;
4. Pilot flight procedures for dropping fire retardant on a wildfire; and
5. Pilot responsibilities in conjunction with fire department operations.

*This training is also offered through the State Fire Marshal's office.*

**Please contact one of the following individual regarding training or with questions:**

1. Justin Nickless  
Nebraska Forest Service  
Ainsworth, NE  
402-760-1930
- 2.

## COOPERATING AERIAL APPLICATORS

The following aerial applicators are cooperating with the Nebraska Forest Service and the Nebraska Emergency Management Agency to provide aerial fire suppression to requesting fire departments. Get to know them before you have a fire.

- Use the closest possible resource.
  - If the nearest aerial applicator is unavailable, you may contact another aerial applicator within a reasonable distance of the fire.
  - Make sure that you have determined the nearest airport location to the fire for use as a base of operations.
  - If you are still unable to arrange for an aerial applicator to assist you with your wildfire suppression, contact the Nebraska Forest Service at 402-472-2944 during normal working hours.
  - After hours, contact the Nebraska Emergency Management Agency EOC at 1-877-297-2368 or 402-471-7421.
  - Advise the operator that you need assistance obtaining an aerial applicator on your wildfire.
- \* ***Please refer to the contact list on the following pages.***

## 2023 COOPERATING AERIAL APPLICATORS CONTACT LISTING

AIRCRAFT LOCATION	RESPONSE/TRAVEL AREA (counties)	BUSINESS NAME	OWNER / OPERATOR	DAY PHONE	ALTERNATE PHONE	AIRCRAFT & CAPACITY (gallons)	CLASS A FOAM	RADIO FREQUENCY
Aurora / Hamilton	Adams, Clay, Hall, Hamilton, Merrick Polk, York	Traudt Aerial Service	James Jensen	402-694-3144	402-631-8880	N203GH – 630 N307JK ---500	Yes	122.925
Broken Bow / Custer	ALL Nebraska counties	Arrow Aviation	Casey Williams	308-440-2709	308-872-5113	N3086A – 800 N50877---500	Yes	122.925
Eaton CO.	Banne, Kimball, Cheyenne, Duell, Imperial, Dundy, Hitchcock, Red Willow	Crop Air LLC.	Neil Wicke	970-454-2939		N6097C-500	No	122.925
Cozad / Dawson	ALL Nebraska Counties Considered	Mid State Aviation II Inc.	Allison Donner Lukas Johnson (C Pilot)	928-920-3743 406-672-7559	308-784-3868	N502MS – 500 N802ET---800	No	122.925
Elkhorn / Douglas	ALL Nebraska Counties	Hexagon Helicopters Inc.	Brent Wulf	402-885-0189		N5860H---100 N566RB ---100 Helicopters Bucket Capable	No	122.925
Kearney / Buffalo	ALL Nebraska Counties Considered	Buffalo Air Services	Sean Penner	308-224-6119	308-237-3700	N517SG - 500 N802CW-800	Yes	122.925
Tilden / Madison	ALL Nebraska Counties	Wilcox Flying Service	Brian Wilcox	402-640-4999		N502NE – 500	YES	122.925
Nebraska City	ALL Nebraska Counties	Atlas Aviation	Kyle Gress	402-209-1012		N247WW-180 Bell 206 Helicopter	YES	122.925
Nebraska City	ALL Nebraska Counties	Gress Air LLC	Kyle Gress	402-209-1012		N402GK – 400	No	122.925

(continued on other side)

AIRCRAFT LOCATION	RESPONSE/TRAVEL AREA (counties)	BUSINESS NAME	OWNER / OPERATOR	DAY PHONE	ALTERNATE PHONE	AIRCRAFT & CAPACITY (gallons)	CLASS A FOAM	RADIO FREQUENCY
Grant/Perkins	All Nebraska Counties	Hendricks Flying Service, LLC	Chad Hendricks	308-386-6815	308-352-2220	N602HT-630	Yes	122.925
Scotia / Greeley	Central Nebraska Counties	Wells Air Service	Garry Wells	308-219-0096	308-245-4328	N6670K – 340 N6760K- 340	Yes	None
Alliance/Box Butte	All Nebraska counties	Flying Rhino Ag, LLC	Ryan Stuhlmiller	308-629-8111		N32984-510	No	122.925
Wallace / Lincoln	All Nebraska counties Considered	Wallace Aviation Inc.	Stuart & Lea Van Boening	308-387-4615	308-530-2945	N135VA - 350 N3630B - 400 N3629B - 400	Yes	None
Sterling, CO	ALL Nebraska Counties	AERO SEAT	Patrick Mertens	970-552-1941	970-571-0871	N802HM-830 N602DM- 600 N4215W- 400	YES	122.925
Ft. Morgan, CO	ALL Nebraska Counties	CO FIRE AVIATION	CO FIRE AVIATION	970-867-8414		N805NZ-800 N802NZ-800 N803NZ-800 N804NZ-800 N806NZ-800	Yes	122.925 126.825 128.700

## USING CLASS A FOAM RETARDANT FROM THE AIR

**Mixing Directions:** The recommended mix ratio for this retardant is 0.5%. If you plan to add foam, fill the aircraft tank first and then add the foam concentrate. Some individuals recommend running the recirculation pump while en route to the fire to ensure proper mixing of the concentrate in the load. The following table shows how much foam concentrate to use for some common load sizes.

LOAD SIZE	FOAM	LOAD SIZE	FOAM
50 gallons	¼ gallon	450 gallons	2 ¼ gallons
100 gallons	½ gallon	500 gallons	2 ½ gallons
150 gallons	¾ gallons	550 gallons	2 ¾ gallons
200 gallons	1 gallon	600 gallons	3 gallons
250 gallons	1 ¼ gallon	650 gallons	3 ¼ gallons
300 gallons	1½ gallons	700 gallons	3 ½ gallons
350 gallons	1 ¾ gallon	750 gallons	3 ¾ gallons
400 gallons	2 gallons	800 gallons	4 gallons

**Application:** Class A Foam is a short-term retardant. Apply it no more than 15 minutes in advance of the fire. As it dries, its effectiveness diminishes. On the other hand, applying it too close to the fire has some disadvantages too. These disadvantages are smoke, turbulence, and inadequate drain time. Drain time relates to the tendency of the foam to slowly drain water into the fuel it is covering. After just a few minutes of draining, the foam will thoroughly wet the fuel it has been applied to. In contrast, plain water applied from the air will only surface-coat the fuel and then run off into the soil.

Foam is applied by partially opening the quick-dump gate on the aircraft. This will string out the load and apply it in a strip about 25-50 feet wide and 1000 feet long (depending on tank size and altitude).

The optimum altitude for dropping foam is said to be 60 feet above the height of the fuels. Dropping from higher altitudes will result in lighter foam that drifts and is not wet enough. Dropping from lower altitudes results in less air in the foam mix. This will give a narrower band of "wet water" retardant and could result in "shadowing" of fuel being coated on just one side.

**Coordination:** Aerial retardant drops are most effective when coordinated with ground resources. Retardant drops do not put out wildfires. However, they do provide an opportunity for ground units to get in close and extinguish a fire that has been slowed and cooled by the airdrops. Communication plays a vital role in this unified effort.

For best results, fire departments and aerial applicators should meet and discuss coordination and communications in advance of the wildfire season. **If we wait until a fire is burning, there will be no opportunity for planning a coordinated effort.** Several important questions need to be answered at these meetings:

1. How will air/ground communications be handled?
2. Who will be responsible for getting foam to the loading site?
3. What do firefighters need to know about safety around the aircraft?
4. What equipment is needed to fill the aircraft?

**Precautions:** While the foam is far less corrosive than earlier additives, it is best to wash down the aircraft and flush the tank after using the foam. This product is a powerful wetting agent that will quickly soak through leather gloves and boots. Rubber boots and gloves are a good idea around the loading site, as are splash-proof goggles and first-aid eyewash solutions. Ground crews should also note that foam could cause slippery footing on certain surfaces.

## FOAM CACHE LOCATIONS

LOCATION	CONTACT	DAY PHONE	NIGHT PHONE <i>(if different from the day)</i>
Alliance	Fire Dept.	308-762-2151	
Broken Bow	Fire Dept.	308-872-6424	
Chadron	Fire Dept.	308-432-5506	
Chappell	State Fire Marshal	308-279-1788	
Curtis	Fire Dept.	308-367-4300	
Gothenburg	Fire Dept.	308-537-3321	
Grant	Ag-Land Aviation	308-352-2220	
Holdrege	Fire Dept.	308-995-4409	
Imperial	Fire Dept.	308-882-4444	
Keystone-Lemoyne	Fire Dept.	308-726-5715	308-284-2011
North Loup	Fire Dept.	308-496-4361	
O'Neill	Fire Dept.	402-336-1955	
Oshkosh	Fire Dept.	308-772-3540	
Rushville	Fire Dept.	308-327-2401	
Scottsbluff	Airport	308-635-4941	308-631-1591
South Sioux	Sioux Air Inc.	402-494-3667	
Superior	Nuckolls Co.	402-225-2361	402-879-7522
Tekamah	Fire Dept.	402-374-2121	
Thedford	Fire Dept.	308-645-2200	
Wallace	Wallace Aviation	800-222-4662	308-387-4615

**NOTE:**

**If you are listed as a foam location and use the 10 gallons of foam that are provided to you for use in aerial application; contact the Nebraska Forest Service Fire Shop at 402-624-8061 for replacement of that foam. We will trade empty buckets for full ones.**

# QUICK REFERENCE

*(Fill in blanks below)*

**NEBRASKA FOREST SERVICE**

**402-472-2944**

**NEBRASKA STATE PATROL**

**800-525-5555**

**NEMA**

**877-297-2368 / 402-471-7421**

**LOCAL EMERGENCY MANAGEMENT:** \_\_\_\_\_

**CLOSEST AERIAL APPLICATOR(S):**

NAME OF APPLICATOR	PHONE NUMBER

NOTIFICATION CHECKLIST	PERSON NOTIFIED	DATE	TIME



## Deployment Procedures for the Nebraska Single Engine Aerial Tanker (SEAT)

The Wildfire Control Act of 2013 was passed by the Nebraska Unicameral and signed into law by Governor Heineman on June 3, 2013. This law tasks the Nebraska Forest Service (NFS) and Nebraska Emergency Management Agency (NEMA) to jointly contract for and manage a single engine air tanker (SEAT) to be based in Nebraska. To ensure rapid, efficient support for active wildfire incidents, the following procedures will guide requests for the resource.

### GUIDELINES

1. A SEAT is an appropriate response to wildfires/brushfires burning out of control on all rural lands and/or threatening structures.
2. Incident commanders should request the closest resource whenever possible.
3. The following information is required by **Great Plains Dispatch Center (GPC)** to initiate a SEAT dispatch. These items should be determined before initiating the request:
  - a. Latitude and longitude of the fire (preferably the point of origin) and the jurisdiction, if known.
  - b. Radiofrequency that will be used for air-to-ground communications (AG25, any VTAC/VFIRE designated for air-to-ground communications only).
  - c. Name and location of the ground contact (individual or resource) responsible for communications and directing retardant drops. This person needs to be on the fire.
  - d. Name of person relaying the request and callback number.
4. The following ICS forms will be completed by the requesting agency/fire department and returned to NEMA and NFS within **1 – 2 weeks** of the incident initiation. ***These forms are needed by the Governor's Emergency Fund for fiduciary and audit requirements. If you have any questions about filling out these documents, please contact NEMA at 402-471-7421.***

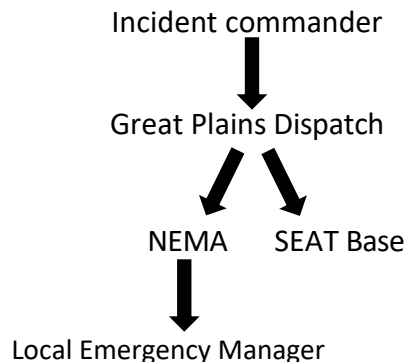
See form examples on the following pages. Forms are available electronically at [nfs.unl.edu/fire-aviation](http://nfs.unl.edu/fire-aviation).

- a. ICS 213RR Resource Request Message – page 15
- b. ICS 214 Unit Log capturing major events during aviation operations – page 16
- c. ICS 209 Incident Status Summary – pages 17-19

### SEAT REQUEST PROCEDURES

To facilitate faster response and support for active wildfire incidents, beginning this year, the procedures to order a SEAT are:

1. The initial request to launch the SEAT will be made directly to GPC at **(605) 399-3160**. Ask for the **Aircraft desk**.
2. GPC will make contact with NEMA and the appropriate SEAT base to initiate the response.
3. NEMA will contact the local emergency manager.







### Incident Status Summary (ICS-209)

1: Date	2: Time	3: Initial	Update	Final	4: Incident Number	5: Incident Name	
6: Incident Kind/Strategy		7: Start Date	8: Cause	9: Incident Commander	10: Incident Command Organization		11: State-Unit
12: County	13: Latitude and Longitude Lat: Long: Ownership at Origin:		14: Short Location Description (in reference to nearest town):				
15: Size/Area Involved	16: % Contained or MMA	17: Expected Containment Date:	18: Line to Build	19: Estimated Costs to Date	20: Declared Controlled Date: Time:		
21: Injuries this Reporting Period:	22: Injuries to Date:	23: Fatalities	24: Structure Information				
			Type of Structure	# Threatened	# Damaged	# Destroyed	
25: Threat to Human Life/Safety: Evacuation(s) in progress ---- No evacuation(s) imminent -- Potential future threat ----- No likely threat -----			Residence				
			Commercial Property				
			Outbuilding/Other				
26: Projected incident movement/spread in 12, 24, 48, and 72 hour time frames:							
12 hours:							
24 hours:							
48 hours:							
72 hours:							
27: Values at Risk: include communities, critical infrastructure, natural and cultural resources in 12, 24, 48 and 72 hour time frames:							
12 hours:							
24 hours:							
48 hours:							
72 hours:							
28: Critical Resource Needs (amount, type, kind, and number of operational periods in priority order in 12, 24, 48 and 72 hour time frames): <b>ex. 3 CRW1 (4); 1 HEL1 (5);</b>							
12 hours							
24 hours:							
48 hours:							
72 hours:							

29: Major problems and concerns (control problems, social/political/economic concerns or impacts, etc.) Relate critical resources needs identified above to the Incident Action Plan.

30: Observed Weather for current operational period:  
Wind Direction:                      Wind Speed (mph):                      Peak Gusts:  
Max. Temperature:                      Min. Relative Humidity:

31: Fuels/Materials Involved: A drop down box with the 13 Fire Behavior Fuel Models has been added. The incident would select the predominant fuel model with the option to include additional fuels information in the text box.

32: Today's observed fire behavior (leave blank for non-fire events):

33: Significant events today (closures, evacuations, significant progress made, etc.):

34: Forecasted Weather for next operational period:  
Wind Speed (mph):                      Temperature:  
Wind Direction:                      Relative Humidity:

35: Estimated Control  
Date and Time:

36: Projected Final Size:

37: Estimated Final Cost:

38: Actions planned for next operational period:

39: For fire incidents, describe resistance to control in terms of:

1. Growth Potential -

2. Difficulty of Terrain -

40: Given the current constraints, when will the chosen management strategy succeed?

41: Projected demobilization start date:

42: Remarks:

**43: Committed Resources**

Agency	CRW1		CRW2		HEL1	HEL2	HEL3	ENGS		DOZR		WTDR	OVHD	Camp Crews	Total Personnel
	SR	ST	SR	ST	SR	SR	SR	SR	ST	SR	ST	SR	SR		
<b>Total</b>															

44: Cooperating and Assisting Agencies Not Listed Above:

**Approval Information**

45: Prepared by:	46: Approved by:	47: Sent to: Date:	By: Time:
------------------	------------------	-----------------------	--------------

Revised 3/2009

# Aircraft Dispatch Form

DATE:	Time:	SUNSET +30: NOT REQUIRED FROM IC
INCIDENT NAME: ( Name of Fire )		
LATITUDE:	LONGITUDE:	
GROUND CONTACT: (NAME & CALL BACK NUMBER)	A/G FREQUENCY: A/G 25 or Designated VTAC	TONE:
HAZARDS: examples: powerlines, towers, steep terrain, wind turbines		
OTHER AIRCRAFT:		
NOTES:		

THIS FORM IS DESIGNED TO HELP GATHER THE REQUIRED INFORMATION WHEN ORDERING AVIATION FOR A FIRE. ALL THINGS LISTED ON THIS FORM ARE REQUIRED!

INCIDENT NAME: What is the name you are giving the fire.

GROUND CONTACT: The person that is going to be talking to the pilot and providing directions to the aircraft as far as tactics.

A/G FREQUENCY: Air to ground frequency used to talk to the aircraft, **A/G 25 (168.75000)** is the assigned frequency for Nebraska but if you don't have that ability any VTAC CHANNEL OR VFIRE CHANNEL CAN BE USED. NEED TO CONFIRM WITH AIRCRAFT WHEN ORDERING.

HAZARDS: ANYTHING that can pose a danger to flight. (Powerlines, Wind Turbines, Towers, etc.)

OTHER AIRCRAFT: Any aircraft you know of, other aircraft ordered for the fire, or general aviation. **REPORT DRONE ACTIVITY!!!!!! NO DRONES WHEN AIRCRAFT ARE IN IN THE FIRE AREA!!!**

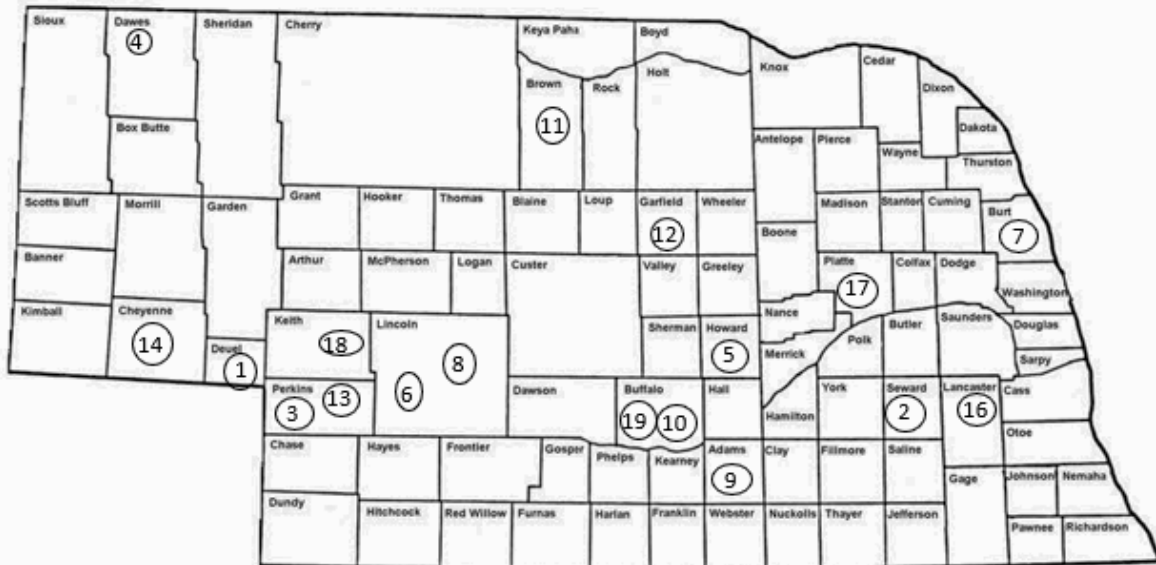
SEE GUIDELINES OP PAGE 16



# Available Nebraska State Resources

## Wildland Incident Response Assistance Team

The SFMO/NFS Wildfire Incident Response Assistance Team (WIRAT) is an on-site advisory and support resource available to fire departments when an incident expands beyond the experience level and resources of the local departments. Contact a WIRAT coordinator (Allen Michel or Matt Holte) or the closest team member to your incident (contact information below) to request WIRAT assistance. Based on staff availability, 2-3 team members will deploy to the incident, with additional staff available if the incident progresses. In addition to assisting the Incident Commander, WIRAT team members may also act as a liaison to the Local Emergency Manager providing needed information for the disaster declaration process to support the deployment of additional resources.



## Wildland Incident Response Assistance Team (WIRAT)

### Team Member County and Contact Information

<b>Member 1</b>	<b>SFMO Coordinator</b>	<b>Member 2</b>	<b>NFS Coordinator</b>
Allen Michel #8602 Deuel County Work: (308)279-1788 Cell: (308) 279-1788		Matthew Holte Lancaster/Seward County Work: (402) 472-6060 Cell: (307) 287-9125	



<p><b><u>Member 3</u></b>                      <b>Training Coordinator</b>  Fred Reichert #8723  Perkins County  Work: (308) 352-8306  Cell: (308) 352-8306  24 hr Dispatch: Keith County EOC: (308) 284-2011</p>	<p><b><u>Member 4</u></b>  Pat Gould #8706  Dawes County  Work: (308) 432-2251  24 hour Dispatch: Dawes Co SO: (308) 432-0510</p>
<p><b><u>Member 5</u></b>  Brian Busse #8603  Howard County  Work: (402) 380-9672  Cell: (402) 380-9672  24 hr Disp: Howard County SO: (308)754-5458</p>	<p><b><u>Member 6</u></b>  Mark Frickel  Lincoln County  Work: (308) 249-6763  Cell: (308) 249-6763</p>
<p><b><u>Member 7</u></b>  Jeff Going #8745  Burt County  Work: (402) 416-1084  Cell: (402) 416-1084</p>	<p><b><u>Member 8</u></b>  Mike Hoeft  Lincoln County  Work: (308) 530-9493  Cell: (308) 530-9493  24 hr Dispatch: Lincoln County SO: (308)535-6789</p>
<p><b><u>Member 9</u></b>  Eric Moul  Adams County  Work:  Cell: (308) 289-9821</p>	<p><b><u>Member 10</u></b>  Marty Neilan #8708  Buffalo County  Work: (308) 222-0154  Cell: (308) 222-0154</p>
<p><b><u>Member 11</u></b>  Justin Nickless #8209  Brown County  Work/Cell: (402) 760-1930</p>	<p><b><u>Member 12</u></b>  Brent Lakin #8730  Garfield County  Work/Cell: (308) 258-2718</p>
<p><b><u>Member 13</u></b>  Scott Knoles #8731  Perkins County  Work: (308) 340-6730</p>	<p><b><u>Member 14</u></b>  Dana Reece #8721  Cheyenne County  Work: (308) 249-5054  24 hr Dispatch: Cheyenne Co SO: (308) 254-2880</p>
<p><b><u>Member 15</u></b>  VACANT</p>	<p><b><u>Member 16</u></b>  Clint Rossman #8727  Lancaster County  Work: (402) 416-3040  Cell: (402) 416-3040  24 hr Dispatch: Lancaster Co EOC: (402) 441-7441</p>
<p><b><u>Member 17</u></b>  James Sloup #8743  Platte County  Work: (402) 395-2164  Cell: (402) 367-8760</p>	<p><b><u>Member #18</u></b>  Ryan Sylvester #8719  Keith County  Work: (308) 289-5993  Cell: (308) 289-5993</p>
<p><b><u>Member 19</u></b>  Kyle Woodgate #8720  Dodge County  Work: (402) 719-4447  Cell: (402) 719-4447</p>	

## Nebraska Type 3 Incident Management Team

The Nebraska Type 3 Incident Management team (NE-IMT3) is a higher-level resource available to departments if an incident significantly increases in complexity. A Local Disaster Declaration must be in place when making a NE-IMT3 request. The request needs to be made in coordination with the local Emergency Manager to the NEMA Watch Officer. NEMA will then deploy the team. While NE-IMT3 staff may begin to arrive on scene and assist before official team transition, the timing of the full incident transition to the NE-IMT3 will be coordinated in consultation with Incident Commander on scene.

To begin the process, contact the NEMA Watch Officer at the number below. Matt Holte (NE-IMT3 Incident Commander) or Allen Michel (Type 3 Ops Section Chief) are also available to assist (contact information below).

### **To Request/Activate the NE IMT3 Call:**

NEMA Watch officer: 24hrs. 402-499-1219	Matt Holte Nebraska Forest Service Work: 402-472-6060 Cell: 307-287-9125	Allen Michel State Fire Marshal's Office 308-279-1788 /24hrs.
--	---	---

## Incident Management Assistance Team (IMAT)

Incidents may not rise to the need of the NE-IMT3, but the local Incident Commander may need support in various Command and General staff positions. Those specific Incident Management Assistance Team (IMAT) requests should be made thru the Local Emergency Manager to the NEMA Watch Officer.

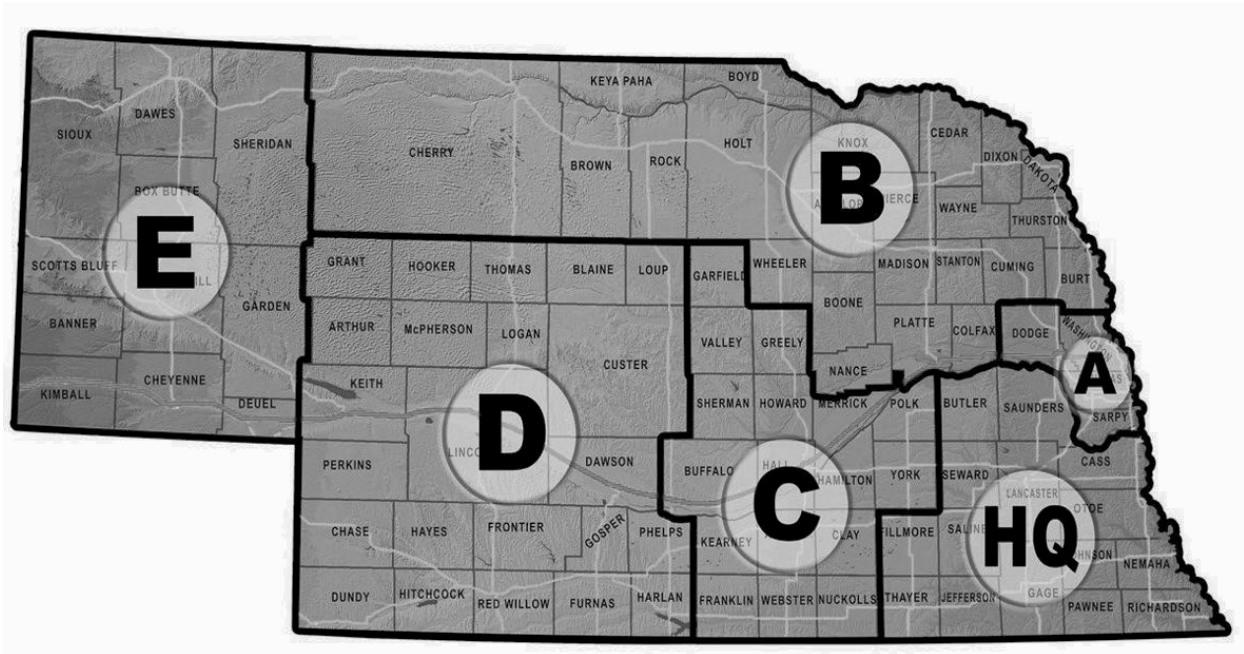
# STATE OF NEBRASKA- ALL HAZARDS INCIDENT MANAGEMENT TEAM (IMT), TYPE III

# NEBRASKA STRIKE TEAMS AND TASKFORCES

STRIKE TEA M	TASK FORCE	NAME	POINT OF CONTACT	REGION
x		Southwest MA Strike Team Hall & Howard Co	Dell Simmerman- <b>(308) 289-5924</b> or Ralph Moul <b>(308) 726-5439</b>	Southwest
	x	Task Force Buffalo Co MA Strike	Steve Oseka- <b>(308) 380-6200</b>	South Central
x		Team Republican Valley MA	Rick Brown- <b>(308) 708-1000</b>	South Central
	x	Task Force Furnas/Harlan Co	Billie Cole- <b>(308) 340-2273</b> EM Roger Powell- <b>(308) 962-6758</b> or Bill Grossnicklaus- <b>(308) 962-4266</b>	Southwest
	x	Task Force Scotts Bluff Co Task	Nathan Flowers- <b>(308) 637-5135</b> or 911 Center- <b>(308) 436-5880</b>	Southwest/South Central
	x	Force Mid-Plains MA Task	Lincoln Co 911 Center- <b>(308) 535-6782</b>	West
	x	Force Sandhills MA Task	Region 26 Emergency Management Alma Beland <b>(308) 942-3461</b>	Southwest
	x	Force Boyd & Holt Co	Roger Miller- <b>(402) 340-4780</b> or Deb Hilker <b>(402) 340-5664</b>	South Central
	x	Taskforce Pine Ridge MA Strike		Northeast
x		Team	Brian Prosser- <b>(308) 430-1958</b>	West

In the event of a large incident within your district. You have exceeded the capability of your mutual aid resources or believe you will do so you can request assistance from a broader scope. This list provides Strike team and Taskforce contact information established across the state. PLEASE CONSIDER THE FOLLOWING. Use closest resources first then move outward from there. Order more than you need, you can always cancel the order. If you have an established strike team or Taskforce you would like listed, please contact Eric Moul with The Nebraska Forest Service (402)-308-289-9821

# NEBRASKA STATE PATROL TROOPS



<b>State Patrol</b>	
• Emergency	800-525-5555
• HazMat Response	800-525-5555
• Mobile Command Post	800-525-5555
• Headquarters - Lincoln	402-471-4545
• Troop A, Omaha	402-331-3333
• Troop B, Norfolk	402-370-3456
• Troop C, Grand Island	308-385-6000
• Troop D, North Platte	308-535-8047
• Troop E, Scottsbluff	308-632-1211

# RURAL & PUBLIC POWER DISTRICTS

Name	Phone	Contact	Email	Cell
Basin Electric Power	701-223-0441			
Burt County PPD	402-374-2631	Jon Dockhorn	<a href="mailto:jdockhorn@burtcoppd">jdockhorn@burtcoppd</a>	<a href="tel:402-870-2219">402-870-2219</a>
Butler PPD	402-367-2081	Mark Kirby	<a href="mailto:mkirby@butlerppd.com">mkirby@butlerppd.com</a>	<a href="tel:402-367-3918">402-367-3918</a>
Cedar-Knox PPD	402-254-6291	Mike Lammers	<a href="mailto:mikel@cedarknoxppd.com">mikel@cedarknoxppd.com</a>	<a href="tel:402-841-0397">402-841-0397</a>
Central Nebraska PP&ID	308-995-8601			
Cherry-Todd ECI	605-856-4416	Tim Grablander	<a href="mailto:timg@cherry-todd.com">timg@cherry-todd.com</a>	
Chimney Rock PPD	308-586-1824	Alvin Harimon	<a href="mailto:alvinh@crppd.com">alvinh@crppd.com</a>	<a href="tel:308-641-4569">308-641-4569</a>
Cornhusker PPD	402-564-2821	Clay Gibbs	<a href="mailto:clayg@cppd.us">clayg@cppd.us</a>	
Cuming County PPD	402-372-2463	Chet McWhorter	<a href="mailto:cmcwhorter@ccppd.com">cmcwhorter@ccppd.com</a>	402-380-0146
Custer PPD	308-872-2451	Rick Nelson	<a href="mailto:rnelson@custerpower.com">rnelson@custerpower.com</a>	308-870-5670
Dawson PPD	308-324-2386	Gwen Kautz	<a href="mailto:gkautz@dawsonpower.com">gkautz@dawsonpower.com</a>	308-325-7005
Elkhorn RPPD	402-675-2185	Tom Rudloff	<a href="mailto:trudloff@erppd.com">trudloff@erppd.com</a>	402-360-1239
High West Energy Inc.	307-245-3261	Jared Routh	<a href="mailto:jrouth@highwestenergy.com">jrouth@highwestenergy.com</a>	502-888-6260
Highline Electric Assn.	970-854-2366	Dennis Herman	<a href="mailto:dennis@hea.com">dennis@hea.com</a>	
Howard Greeley RPPD	308-754-4457	Dirk Dietz	<a href="mailto:gm@howardgreeleyppd.com">gm@howardgreeleyppd.com</a>	308-380-0529
KBR RPPD	402-387-1120	Bob Beatty	<a href="mailto:bobkbr@threeriver.net">bobkbr@threeriver.net</a>	402-760-3344
Lacreek Electric Assn.	605-685-6581	Josh Fanning	<a href="mailto:josh@lacreek.com">josh@lacreek.com</a>	605-685-4419
Loup Valleys RPPD	308-728-3633	Ron Sandoz	<a href="mailto:ron@loupvalleyspower.com">ron@loupvalleyspower.com</a>	
McCook PPD	308-345-2500	Clint Bethell	<a href="mailto:clint@mppdonline.com">clint@mppdonline.com</a>	308-340-7363
Midwest ECC	308-352-4356	Jayson Bishop	<a href="mailto:jbishop@midwestecc.com">jbishop@midwestecc.com</a>	308-352-8230
Nebraska Electric G & T	402-564-8142	Darin Bloomquist	<a href="mailto:dlbloomquist@negt.coop">dlbloomquist@negt.coop</a>	402-993-9933
Nebraska PPD	402-564-8561			
Nebraska REA	402-475-4988	Rick Nelson	<a href="mailto:rnelson@nea.org">rnelson@nea.org</a>	308-870-3377
Niobrara Electric	307-334-3221	Shawna Glendy	<a href="mailto:sglendy@niobrara-electric.org">sglendy@niobrara-electric.org</a>	307-340-1669
Niobrara Valley EMC	402-336-2803	Matt Fritz	<a href="mailto:mattf@nvemc.org">mattf@nvemc.org</a>	402-340-3535
Norris PPD	402-223-4038	Bruce Vitsoh	<a href="mailto:bvitosh@norrispower.com">bvitosh@norrispower.com</a>	402-806-3391
North Central PPD	402-358-5112	Doyle Hazen	<a href="mailto:doyle.hazen@ncppd.net">doyle.hazen@ncppd.net</a>	402-640-0504
Northeast Power	402-375-1360	Tracy Golden	<a href="mailto:tracyg@northeastpow.com">tracyg@northeastpow.com</a>	936-674-6580
Northwest RPPD	308-638-4445	Chance Briscoe	<a href="mailto:cbriscoe@nrppd.com">cbriscoe@nrppd.com</a>	719-740-0442
Omaha PPD	402-636-2000			
Panhandle REMA	308-762-1311	Ryan Reiber	<a href="mailto:rreiberatprema.coop">rreiberatprema.coop</a>	308-760-0752
Perennial PPD	402-362-3355	Matthew Moffitt	<a href="mailto:mmoffitt@perennialpower.com">mmoffitt@perennialpower.com</a>	402-363-7710
Polk County RPPD	402-764-4381	Barb Fowler	<a href="mailto:bfowler@pcrppd.com">bfowler@pcrppd.com</a>	402-764-0225
Roosevelt RPPD	308-635-2424	AJ Kuxhausen	<a href="mailto:ajk@rooseveltppd.com">ajk@rooseveltppd.com</a>	308-641-3728
South Central PPD	402-225-2351	Craig Cox	<a href="mailto:craig@southcentralppd.com">craig@southcentralppd.com</a>	402-469-1078
Southern PD	308-384-2350			
Southwest PPD	308-285-3295	Colyn Suda	<a href="mailto:colyns@scppd.net">colyns@scppd.net</a>	402-360-1125
Stanton County PPD	402-439-2228	Chad Waldow	<a href="mailto:cwadow@scppd.net">cwadow@scppd.net</a>	402-360-1125
Tri-State G & T	303-452-6111			
Twin Valleys G & T	308-697-3315	David Custer	<a href="mailto:dpcuster@twinvalleysppd">dpcuster@twinvalleysppd</a>	
Wheat Belt PPD	308-254-5871	Lacey Gulbranson	<a href="mailto:lacey.gulbranson@wheatbelt.com">lacey.gulbranson@wheatbelt.com</a>	308-430-2262
Wyrulec Company	307-837-2225	Ryan Schilreff	<a href="mailto:rschilreff@wyrulec.com">rschilreff@wyrulec.com</a>	307-575-2435

# HOSPITALS

Facility Name	Burn	Trauma Level	Helipad	Lat	Long	Phone
<b>Nebraska</b>						
CHI Health Creighton University Medical Center Bergan	NO	I	Yes			(402) 398-6353
Nebraska Medicine	NO	I	Yes			(402) 552-3997
Children's Hospital & Medical Center	NO	PII	Yes			(402) 955-7262
Bryan Medical Center West	NO	II	Yes			(402) 481-4145
CHI Health Good Samaritan Hospital	NO	II	Yes			(308) 865-7684
Regional West Medical Center	NO	II	Yes			(308) 635-3711 ext.234
Columbus Community Hospital	NO	III	Yes			(402) 564-7118
Faith Regional Health Services	NO	III	Yes			(402) 371-4880
Great Plains Regional Medical Center	NO	III	Yes			(308) 568-8000
Mary Lanning Memorial Hospital	NO	III	Yes			(402) 461-5186
CHI Health St. Elizabeth	NO	III	Yes			(402) 219-7139
CHI Health St. Francis Medical Center	NO	III	Yes			(308) 398-5652
Genoa Community Hospital	NO	IV	Yes			(402) 993-2279
CHI Health St. Mary's Community Hospital	NO	IV	Yes			(402) 873-3321
West Holt Memorial Hospital	NO	IV	Yes			(402) 925-2811
Annie Jeffrey Memorial County Health Center	NO	IV	Yes			(402) 747-2031
Aurora Memorial Hospital	NO	IV	Yes			(402) 694-3171
Avera Creighton Hospital	NO	IV	Yes			(402) 358-5700
Avera St. Anthony's Hospital	NO	IV	Yes			(402) 336-2611
Box Butte General Hospital	NO	IV	Yes			(308) 762-6660
Brown County Hospital	NO	IV	Yes			(402) 387-2800
Chadron Community Hospital	NO	IV	Yes			(308) 432-0228
Chase County Community Hospital	NO	IV	Yes			(308) 882-7111
Cherry County Hospital	NO	IV	Yes			(402) 376-2525
Community Medical Center	NO	IV	Yes			(402) 245-2428
Community Memorial Hospital	NO	IV	Yes			(402) 269-2011
Crete Area Medical Center	NO	IV	Yes			(402) 826-2101
Dundy County Hospital	NO	IV	Yes			(308) 423-2204
Gordon Memorial Hospital	NO	IV	Yes			(308) 282-0401
Gothenburg Memorial Hospital	NO	IV	Yes			(308) 537-3661
Howard County Community Hospital	NO	IV	Yes			(308) 754-4421
Jennie M. Melham Memorial Medical Center	NO	IV	Yes			(308) 872-4100
Johnson County Hospital	NO	IV	Yes			(402) 335-3361

Kimball Health Services	NO	IV	Yes			(308) 235-1973
Litzenberg Memorial County Hospital	NO	IV	Yes			(308) 946-3015
McCook Community Hospital	NO	IV	Yes			(308) 344-8544
Memorial Community Hospital	NO	IV	Yes			(402) 426-2182
Morrill County Community Hospital	NO	IV	Yes			(308) 262-1616
Nemaha County Hospital	NO	IV	Yes			(402) 274-4366
Ogallala Community Hospital	NO	IV	Yes			(308) 284-7229
Pawnee County Memorial Hospital	NO	IV	Yes			(402) 852-2231
Pender Community Hospital	NO	IV	Yes			(402) 385-3083
Perkins County Health Services	NO	IV	Yes			(308) 352-7200
Phelps Memorial Health Center	NO	IV	Yes			(308) 995-2211
Providence Medical Center	NO	IV	Yes			(402) 375-3800
Saunders Medical Center	NO	IV	Yes			(402) 443-4191
St. Francis Memorial Hospital	NO	IV	Yes			(402) 372-2404
Thayer County Health Services	NO	IV	Yes			(402) 768-7203
Tri Valley Health Systems	NO	IV	Yes			(308) 697-3329
Tri-County Hospital	NO	IV	Yes			(308) 324-5651
Valley County Hospital	NO	IV	Yes			(308) 728-3211
CHI Health St. Elizabeth **	Yes		Yes			(402) 219-7769
			Yes			
<b>Wyoming</b>						
Cheyenne Regional Medical Center East Campus	NO	II/III	Yes			(307)634-2273
Memorial Hospital of Converse County		IV	Yes			(307)358-2122
Wyoming Medical Center		II/III	Yes			(307)577-7201
<b>South Dakota</b>						
Rapid City Monument Health	NO	II	YES			(605-755-1000
<b>Kansas</b>						

## Burn Centers

Health Care Facility	Phone Number(s)
University of Colorado Burn Center - Denver, CO	720-848-2828
Northern Colorado Medical Center - Greeley, CO	970-810-4121
Nebraska Medical Center Burn Center, Omaha, NE	402-552-2876
Saint Elizabeth Regional Burn Center - Lincoln, NE	<b>Burn Unit 402-219-7680</b> Main Hospital 402-219-800
Regions Hospital - Saint Paul, MN	<b>Burn Unit 651-254-7042</b> Main Hospital 800-922-2876
Avera McKennan & University Health Center - Sioux Falls, SD	605-322-2400
Hennepin County Medical Center - Minneapolis, MN	<b>Burn Unit 612-873-2915</b> Main Hospital 612-873-3000



# Medevac guide

## **Field Emergency Medical Evacuation (Medevac)**

The intent of this plan is to establish procedures and provide guidance and support in the possibility of a medevac on an incident. When an emergency occurs requiring a medical helicopter and is within the scope of first Responder personnel, timely and effective intervention and response is needed to mitigate and reduce the severity and/or consequences of the situation.

Section 1 – Procedures: Will include procedures and responsibilities of personnel when dealing with a Medevac

Section 2 – Emergency Provider Contacts: Will consist of a list of medical facilities and emergency medical services (EMS) organizations that may be utilized during a Medevac. This list will include phone numbers, addresses, radio frequencies, and other pertinent information

Section 3 – Medical Incident Report/ICS 206 WF (Page 40)

### Key Initial Steps – Stay calm, think clearly, act decisively.

1. **Call your local dispatch center via radio or phone.**
2. **Declare the nature of your emergency.**
3. **If your emergency is life-threatening, request that designated frequency be cleared for emergency traffic.**
4. **Identify the on scene point of contact or incident commander if it's an incident within an incident.**
5. **Identify your geographical location, number of patients, etc.**
6. **Provide patient assessment.**
7. **Identify any medical personnel on scene.**
8. **Identify the primary and secondary method of patient transport.**
9. **Request any additional resources and/or equipment needed.**



## Section 1 – Procedures

**Directly coordinate Medevac operations or field resources may coordinate directly with the local 911 dispatch center(s).**

**On the initial call the reporting party should:**

1. Declare a **MEDICAL EMERGENCY** Incident. If calling in the dispatcher will request all non-emergency radio traffic be suspended. If calling into a local/county 911 dispatch center, follow their protocol as directed by the dispatcher.
2. Provide the name of the Medevac point of contact (POC). This will be the person in command of the scene and should be the only person communicating on the radio or with the radio operator.
3. The reporting person should be prepared to provide the information listed on the Medical Incident Report (8 Line). The responding office should be prepared to immediately copy the information in their CAD system or hard copy of the 8 Line. If the requesting field unit does not have a copy of the 8 Line, the responding office should be prepared to prompt the POC for the necessary information. (Local/County 911 dispatch centers may not know what an “8 Line” is)
4. Once the initial request for assistance has been made, it is vital to maintain consistency throughout the process in regard to radio communication on both ends. The office that initiates the Medevac process should continue coordination until the operation has been completed. It is important for that office to re-open radio frequencies for non-emergency traffic as soon as possible.

### **Medevac POC Responsibilities – Listed in order of priority:**

1. Secure the scene and determine if it's safe to begin first aid.
2. Administer first aid; make assessment to determine if additional assistance is needed.
3. Call dispatch office to report incident.
4. Determine if Medevac via air and/or ground ambulance is needed.
5. If air ambulance is needed, determine the helicopter landing zone(s) and provide the latitude and longitude.
6. Begin Medical Incident Report (8 Line) and provide information as outlined in the Patient Assessment located on pg. 118 & 119 of the IRPG.
7. Provide the dispatch office with any patient updates and any changes of the status of the scene.
8. Assist EMS; be prepared to help with patient assessment and provide any background information to responding EMS personnel.
9. If the injured person is able to stand and/or walk, consider transporting them to meet the incoming EMS resource(s).

### **Medevac Safety**

- During a helicopter Medevac, personnel assisting with the transport should maintain all helicopter safety procedures as outlined in pgs. 61-72 of the IRPG.
- When working with any of the air ambulance, personnel assisting with the transport should follow any and all directions given by the flight crew.
- When the Life Flight, or any other air ambulance lands, allow the flight crew to exit the helicopter and approach you a safe distance away from the helicopter to discuss the current situation and the process for loading the patient(s).
- If possible, the patient should be positioned with their head pointed away from the air ambulance. This will help protect the patient from any flying debris and help to reduce communication problems that occur when working in close proximity to a helicopter.

### **Medevac Limitations**

#### Factors that limit hoist operations:

- Winds greater than 20 mph, poor visibility, and/or severe weather
- If the patient's weight is greater than 450 pounds
- Time of day (Hoist operations are not conducted at night)
- Operations that take place over water

#### Instances where short haul operations may not be able to take place

- Any unresolved communication and/or safety issues that occur
- Technical rescue operations are required to access the patient's location
- There's a potential of an avalanche at the patient's location

## Helicopter Landing Zone Guidelines

- 100' x 100' area
- Approach and depart into the wind
- Area should be clear of all obstacles, trees, wires, towers, etc.
- Proper PPE should be worn at all times
- When the helicopter is landing stay with patient, remain calm, and stay alert
- After the helicopter has landed approach from the front (Make sure you can see the pilot. If you can't see them, they can't see you!)
- Wait for the flight crew to direct and assist you.
- When loading the patient(s) into the helicopter, follow the flight crew's directions
- Depart towards the front of the helicopter

### T.O.M.A.S.

**T**errain – Alpine, forest, slope, snow, etc. When possible, establish a nearby alternate landing area

**O**bstacles – Trees, cliffs, rock scree(s), loose debris, dust, wires, limited daylight, rotor wash, etc.

**M**ethod – Net, bag, litter, harness, tag line, etc. Logistics & type of insertion/extraction

**A**lternatives – Standby and/or assist SAR with ground rescue operations, land near victim

**S**afety – Team reviews available information and identifies concerns. Determines “go/no-go” decision and justifies why

### Definitions

**Rescue hoist:** A cable winching device that's permanently mounted to the helicopter and is capable of lowering and raising a person (or persons) via a device attached to the cable.

**Short haul:** An insertion/extraction method designed to transport one or more persons on a fixed line (150'-250' long) beneath a helicopter. The intent is to transport persons a short distance, usually from a limited or otherwise inaccessible location to a safe landing area.

## Section 2 Emergency Provider Contacts

### Air Link - Regional West Medical Center (Base location Scottsbluff, NE)



- **Make & Model** – Bell 407GX, (Air Link also staffs a Pilatus PC-12 at Western Nebraska Regional Airport in Scottsbluff, NE)
- **Performance @ 7,000' & 90° f** – Yes
- **Cruise speed** – 140 knots
- **VFR** – Yes –
- **IFR** – No
- **Programmable FM Radio** – Yes
  - Can be programmed while in flight
  - Frequency will be established based on the location of the scene at time of dispatch
- **Night Vision Goggles** – Yes
- **Response Time** – 10 minutes or less (depending on conditions, night vs. day, etc.)
- **Hoist Type** – None
- **Fuel Cycle** – 2 1/2 hours, average
- **Flight Crew** – 1 pilot, 2 medical crew members
- **Medical Personnel** – paramedic / nurse, nurse / nurse ,paramedic/MD, nurse/MD combination (Critical Care and Flight certified)
- **Ordering Procedure** – Ordered through GPC via radio or phone. GPC will contact Air Link Dispatch @ 1-800-252-2215
- **Hot Loading** – Yes
  - Can be performed depending on the situation, available landing zone, and experience of the personnel assisting with the Medevac.
- **Flight following** – Monitored through Air Link Dispatch
  - Equipped with AFF

## Great Plains LifeNet – Great Plains Health (Base location North Platte, NE)



- **Make & Model** – Bell 407 GX
- **Performance @ 7,000' & 90° f** – Yes
- **Cruise speed** – 140 knots
- **VFR** – Yes
- **IFR** – No
- **Programmable FM Radio** – Yes
  - Cannot be programmed while in the field
  - Frequency will be established based on the location of the scene at time of dispatch. Preference is VCAL10 or VTAC11
- **Night Vision Goggles** – Yes
- **Response Time** – 15 minutes or less
- **Hoist Type** – None
- **Fuel Cycle** – 2 ½ hours, average
- **Flight Crew** – 1 pilot, 1 paramedic, 1 nurse
- **Medical Personnel** – 1 ALS paramedic & 1 flight nurse (Critical Care qualified)
  - Medical crew is licensed in Nebraska and South Dakota
  - Can bring blood/blood products to the scene
- **Ordering Procedure** – Ordered through GPC via radio or phone or through local 911 dispatch center. GPC will contact Air Methods AirComm Dispatch @ 1-844-491-1247
  - Air Methods AirComm Dispatch can assist in dispatching other air medevac resources if needed or if LifeNet helicopter is unavailable
- **Hot Loading** – Not standard procedure
  - Can be performed depending on the situation, available landing zone, and experience of the personnel assisting with the Medevac
- **Flight following** – Via Sky Connect and monitored through their dispatch center in Omaha, NE and Operational Control Center in Englewood, CO
  - Capable of communicating on Forest Net frequencies
  - Not equipped with AFF

## Good Samaritan Air Care – CHI Health (Base location Kearney, NE)



- **Make & Model** – Bell 429
- **Performance @ 7,000' & 90° f** – Yes
- **Cruise speed** – 150 knots
- **VFR** – Yes
- **IFR** – No
- **Programmable FM Radio** – Yes
  - Cannot be programmed while in flight
  - Frequency will be established based on the location of the scene at time of dispatch
- **Night Vision Goggles** – Yes
- **Response Time** – 12 minutes or less
- **Hoist Type** – None
- **Fuel Cycle** – 3 hours, average
- **Flight Crew** – 1 pilot, 1 paramedic, 1 nurse
- **Medical Personnel** – 1 paramedic & 1 flight nurse (Both EMS licensed)
  - Can bring blood/blood products to the scene
  - Capable of transporting one patients at a time
- **Ordering Procedure** – Ordered through GPC via radio or phone. GPC will contact Good Samaritan Communication and Transfer Center @ 1-800-474-7911
  - Good Samaritan Communication and Transfer Center can help arrange for additional aircraft response if requested
- **Hot Loading** – Not a standard procedure
  - Can be performed depending on the situation, available landing zone, and experience of the personnel assisting with the Medevac
- **Flight following** – Monitored through Good Samaritan Communication and Transfer Center
  - Not equipped with AFF

## Avera Careflight (Base locations Sioux Falls, Aberdeen, and Pierre, SD)



- **Make & Model** – Airbus EC-145
- **Performance @ 7,000' & 90° f** – Yes
- **Cruise speed** – 125 knots
- **VFR** – Yes
- **IFR** – Yes
- **Programmable FM Radio** – Yes
  - Frequency will be established based on the location of the scene at time of dispatch
- **Night Vision Goggles** – Yes
- **Response Time** – 15 minutes or less
- **Hoist Type** – None
- **Fuel Cycle** – 2 ½ hours, average
- **Flight Crew** – 1 pilot, 1 paramedic, 1 nurse
- **Medical Personnel** – 1 flight paramedic & 1 flight nurse
- **Ordering Procedure** – Ordered through GPC via radio or phone. GPC will contact Careflight Dispatch @ 1-800-367-3278
- **Hot Loading** – Not standard procedure
  - Can be performed depending on the situation, available landing zone, and experience of the personnel assisting with the Medevac.
- **Flight Following** – Monitored through Midwest Careflight Dispatch
  - Not equipped with AFF

## Black Hills Life Flight (Base location Rapid City, SD)



- **Make & Model** – Bell 407 GXP
- **Performance @ 7,000' & 90° f** – Yes
- **Cruise speed** – 140 knots
- **VFR** – Yes
- **IFR** – No
- **Programmable FM Radio** – Yes
  - Cannot be programmed in the field
  - VMED 28 (TXT 156.7) – 155.3400
- **Night Vision Goggles** – Yes
- **Response Time** – 15 minutes or less
- **Hoist Type** – None
- **Fuel Cycle** – 2 ½ hours, average
- **Flight Crew** – 1 pilot, 1 paramedic, 1 nurse
- **Medical Personnel** – 1 paramedic (ALS and Critical Care Qualified) & 1 Flight Nurse (Critical Care qualified)
  - Blood products carried on board on every flight O positive, O negative and Plasma
- **Ordering Procedure** – Ordered through GPC via radio or phone. GPC will contact Air Methods AirComm Dispatch @ 1-800-232-2452
- **Hot Loading** – Not standard procedure
  - Can be performed depending on the situation, available landing zone, and experience of the personnel assisting with the Medevac.
    - Typically, the pilot will do a full shutdown upon arrival
- **Flight following** – Via Sky Connect and monitored through their dispatch center in Omaha, NE and Operational Control Center in Englewood, CO.
  - Capable of communicating on Forest Net frequencies
  - Not equipped with AFF



**Section 3 – Medical Incident Report/ICS 206 WF**

**FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.**

**FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.**

Use the following items to communicate situation to communications / dispatch.

**1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report)** Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

**2. INCIDENT STATUS:** Provide incident summary (including number of patients) and command structure.  
Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency Transport Priority	<input type="checkbox"/> <b>RED / PRIORITY 1</b> Life or limb threatening injury or illness. Evacuation need is <b>IMMEDIATE</b> Ex: Unconscious, difficulty breathing, bleeding severely, 2 <sup>o</sup> – 3 <sup>o</sup> burns more than 4 palm sizes, heat stroke, disoriented. <input type="checkbox"/> <b>YELLOW / PRIORITY 2</b> Serious Injury or illness. Evacuation may be <b>DELAYED</b> if necessary. Ex: Significant trauma, unable to walk, 2 <sup>o</sup> – 3 <sup>o</sup> burns not more than 1-3 palm sizes. <input type="checkbox"/> <b>GREEN / PRIORITY 3</b> Minor Injury or illness. Non-Emergency transport Ex: Sprains, strains, minor heat-related illness.
Nature of Injury or Illness & Mechanism of Injury	Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
Transport Request	Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location	Descriptive Location & Lat. / Long. (WGS84)
Incident Name	Geographic Name + "Medical" (Ex: Trout Meadow Medical)
On-Scene Incident Commander	Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
Patient Care	Name of Care Provider (Ex: EMT Smith)

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: See IRPG page 106

Treatment:

**4. TRANSPORT PLAN:**

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

**5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:**  
Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication

**6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable**

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

**7. CONTINGENCY: Considerations:** If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

**8. ADDITIONAL INFORMATION:** Updates/Changes, etc.

**REMEMBER:** Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.





## ENGINE TYPING AND REQUIRED NATIONAL STANDARDS

Requirements	Engine Type							
	Structure		Wildland					
	1	2	3	4	5	6	7	9*
Tank minimum capacity (gal)	300	300	500	750	400	150	50	50
Pump minimum flow (gpm)	1000	500	150	50	50	<b>50</b>	10	6
@ rated pressure (psi)	150	150	250	100	100	100	100	100
Hose 2½"	1200	1000	-	-	-	-	-	-
1½"	500	500	1000	300	300	300	-	100
1"	-	-	500	300	300	300	200	½"
Ladders per NFPA1901****	Yes	Yes	-	-	-	-	-	-
Master stream 500 gpm min.	Yes	-	-	-	-	-	-	-
Pump and roll	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Maximum GVWR (lbs)	-	-	-	-	26,000	19,500	14,000	
Personnel (min)	4**	3	3***	3***	3***	3***	3***	3

\*- State standard not NWCG requirement

\*\*- In-State standard is 4 personnel (Out-of-State requires 4 personnel)

\*\*\*-In-State standard is 3 personnel (Out-of-State requires 3 personnel)

\*\*\*\*-In-State standard is 20 feet of ladder (Out-of-State requires 48 feet)

### Common additional needs. Requested as needed.

- All wheel drive
- High pressure pump (250 psi@½ flow of Type)
- Foam Proportioner
- Compressed air foam system (CAFS) with minimum 40 cfm compressor
- Additional personnel

### WATER TENDER TYPES:

Requirements	Water Tender Type						
	Support			Tactical		State Standard	
	S1	S2	S3	T1	T2	4*	5*
Tank capacity (gal)	4000	2500	1000	2000	1000	400+	400+
Pump minimum flow(gpm)	300	200	200	250	250	80+	---
(@. rated pressure (psi)	50	50	50	150	150	---	---
Max. refill time (minutes)	30	20	15	---	---	---	---
Pump and roll	---	---	---	Yes	Yes		
Personnel (min)	1	1	1	2	2	1	1

Minimum Standards by Type

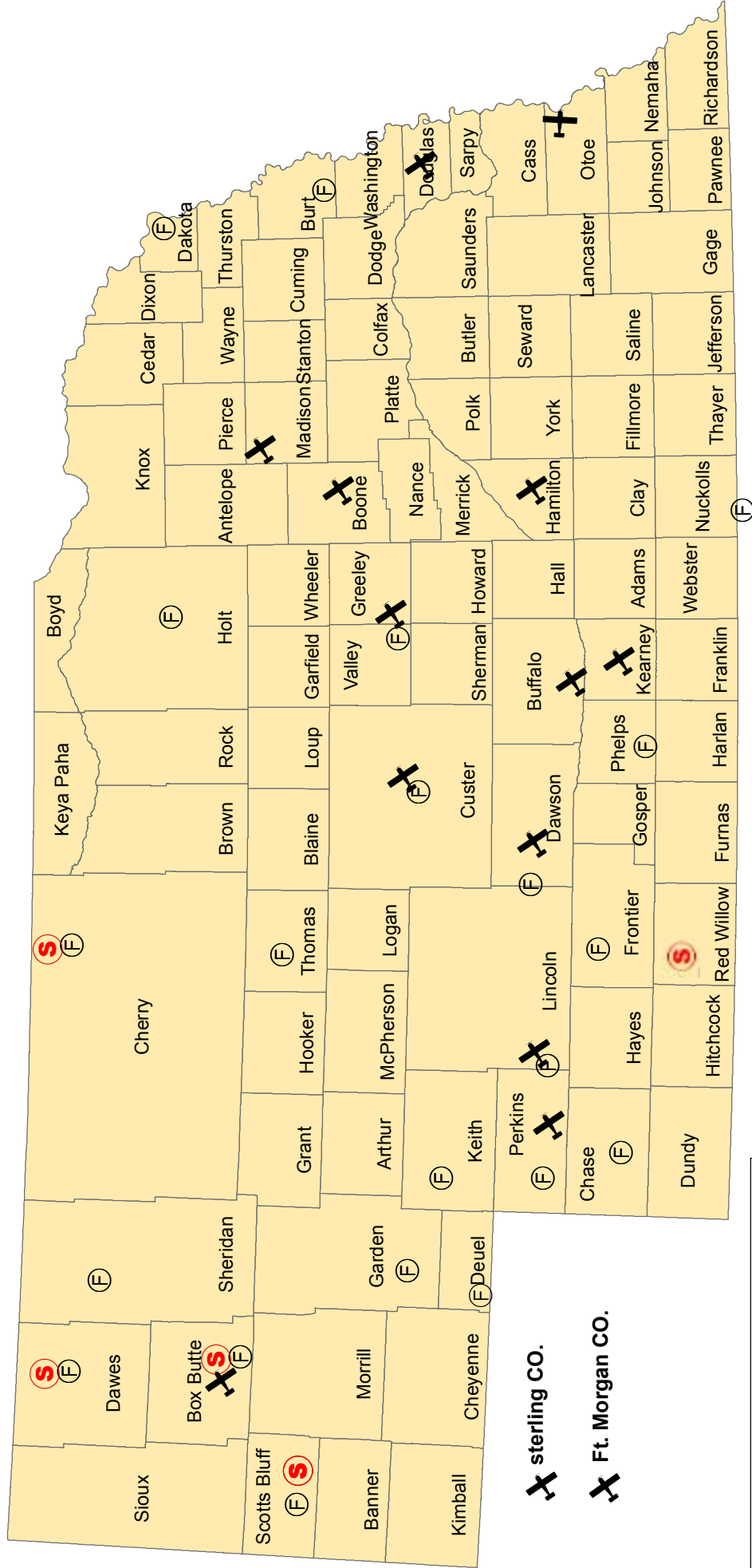
\* - State standard not NWCG requirements

- All types shall meet federal, state and agency requirements for motor vehicle safety standards, including all gross vehicle weight ratings when fully loaded.
- Type 3 engines and tactical water tenders shall be equipped with a foam proportioner system.

## ENGINE TYPING AND REQUIRED NATIONAL STANDARDS

- All water tenders and engine types 3 through 6 shall be able to prime and pump water from a 10-foot **lift**.
- Personnel shall meet the qualification requirements of NWCG *Wildland Fire Qualification System Guide*, PMS 310-1.
  - Water tenders must carry appropriate hose, clamps, adapters, and tools to be able to fill engines and or portable tanks. Tenders must also carry a minimum of one shovel and Pulaski. Tenders participating in out of state dispatches must meet minimum federal guidelines for equipment and accessories.
- General specification for Engines and Tenders:
  - o Larger diameter hose may be substituted for smaller hose to achieve total needed length.
  - o Hose size is hose coupler size.
  - o Engines must carry fittings to connect all hose on the apparatus.
- Ordered Structural Fire Engines - Any engine specifically ordered for the purpose of providing structural fire protection should have the basic gear and safety equipment required by structural fire fighting standards. Each engine must have, at a minimum, the following items for personnel:
  - o NFPA approved protective clothing for structural fire fighting.
  - o NFPA approved protective hoods.
  - o NFPA approved gloves for structural fire fighting.
  - o NFPA approved helmets for structural fire fighting.
  - o NFPA approved SCBA's; for structural fire fighting.
  - o NFPA approved footwear for structural fire fighting.
    - 400 ft of 1 ½ " single jacket wildland hose.
    - 200 ft of 1" single jacket wildland hose.
    - 2- Shovels: 1 -McLeod, 1 -Pulaski
    - The following appliances: 2 - 1 ½"to 1"Forestry "T's", 2- Reducers
      - NST - 1 ½ "to 1".
      - 2 - 1 ½ " - 40 GPM nozzles.
      - 2 - 1" - 20 GPM nozzles.
      - 2 - Forestry clamps for single jacket wildland hose.
    - Fire shelters for all engine crew members.
    - Wildland fire personal protective equipment for all engine crew members.

# Cooperating Aerial Applicator and SEAT Base Locations 2023



**X** Sterling CO.  
**X** Ft. Morgan CO.

**Legend**

- X** Cooperating Aerial Applicator
- S** SEAT Base Location
- F** Foam Cache

