



# BEAN COMPLEX

**July 6, 2022**

**Operation Period:**

**Day: 0700 – 2300**

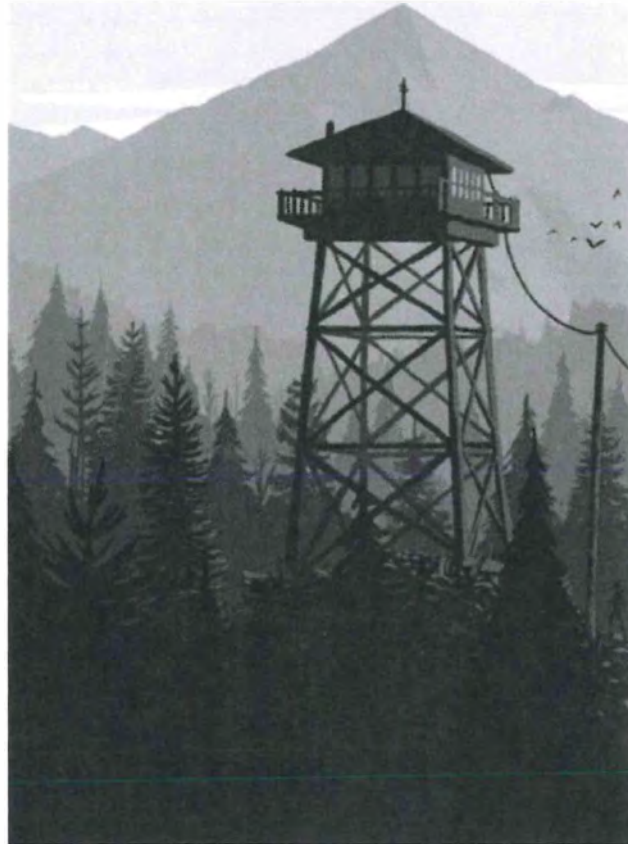
**Communications 24-Hour  
Emergency Number:**

In Fairbanks— Call 911 and  
notify your supervisor

On the fires or in Manley —  
Call Bean Communications at  
907-388-7148

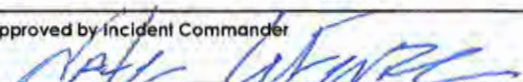
Incident #: AK-TAD-000898

Financial Code: PD PRT0 (1522)



**Maps  
& IAP**

Notes

<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Bean Complex</b>		2. Date Prepared <b>07/05/22</b>	3. Time <b>1900</b>	
4. Operational Period <b>Day Operations: 0700 - 2300</b>					
<p><b>Strategic Framework:</b> Implement point protection and full suppression strategies on the Bean Complex fires to protect values at risk including human safety, communities and remote structures, tribal trust lands, and cultural and natural resources. Apply strategy and tactics that offer the highest probability of success.</p> <p><b>Management Objectives:</b></p> <ul style="list-style-type: none"> <li>- Provide for the safety of firefighters, public, and aviation resources.</li> <li>- Utilizing the Risk Assessment Process, evaluate all actions prior to engagement.</li> <li>- Develop strategic plans that identify management action points for point protection of values at risk and evacuation efforts.</li> <li>- Maintain and enhance relationships with communities, cooperators, and the public. Ensure the public is informed on the current situation.</li> <li>- Utilize resource advisors when using heavy equipment and retardant applications during suppression actions and repair.</li> <li>- Follow agency and community COVID guidelines to minimize the threat and spread of COVID 19 and other infectious viruses.</li> </ul> <p><b>Operational Period Command Emphasis:</b></p> <p><b>Control Objectives:</b></p> <ol style="list-style-type: none"> <li>1. Incidents #315, #312, #310, and #343 - Commensurate with risks and exposure, provide point protection to protect those values at risk immediately and potentially affected by the fires.</li> <li>2. Incident #327 (Hutlinana) is a full suppression effort. Adequately staff Incident #327 to contain, control, and call out.</li> </ol>					
6. Weather Forecast for Period					
7. General Safety Message					
8. Attachments (mark if attached)					
X	Organization List - ICS 203	X	Medical 206WF - 8 Line	X	Finance Message
X	Div. Assignment Lists - ICS 204	X	Safety Message	X	Dutch Creek Protocol
X	Communications Plan - ICS 205		LCES - ICS 215A	X	Phone List
X	Medical Plan - ICS 206	X	Weather Forecast	X	Incident Map(s)
X	Air Operation Summary - ICS 220	X	Fire Behavior	X	Unit Log
Prepared by Planning Section Chief Mike Crawford			Approved by Incident Commander 		

<b>ORGANIZATION ASSIGNMENT LIST</b>	
1. Incident Name <b>Bean Complex</b>	
2. Date Prepared <b>July 5, 2022</b>	3. Time Prepared <b>1800</b>
4. Operational Period <b>July 6, 2022 0700 – 2300</b>	
<b>5. Incident Commander and Staff</b>	
Position	Name
Incident Commander	<b>Nathan LeFevre</b>
Deputy	<b>Eric Knerr, Chris Orr (T)</b>
Safety Officer	<b>Kris Croddy, Matt Broyles</b>
Information Officer	<b>Nicholas Digiacco, Don Ferguson</b>
Liaison	<b>Shawn Christianson, Omar Ortiz (T),</b>
<b>6. Agency Representatives</b>	
Agency	Name
Alaska Div. of Forestry	<b>Nick Carter</b>
BLM Tanana Zone FMO	<b>Brandon Petersen</b>
BIA	<b>Tom St. Clair</b>
BLM	<b>Bill Hedman</b>
AKDOF	<b>Jeremy Douse</b>
WA DNR	<b>Nancy Barker</b>
<b>7. Planning Section</b>	
Chief	<b>Mike Crawford</b>
Resource Unit	<b>Jen Smith, Rachel Noonan (T)</b>
Situation Unit	<b>Jacqueline Forsyth</b>
Demob Unit	
Status Check-in	<b>Gary Duranceau</b>
IMET	<b>Shawn Palmquist</b>
Fire Behavior Analyst	<b>Brett Smith</b>
GIS Specialists	<b>Aleksandar Dozic, Zachary Cravens (T)</b>
<b>8. Logistics Section</b>	
Chief	<b>Lin Vaughan, Ben Goodin (T)</b>
Deputy	<b>Cindy Wedekind</b>
Facilities	<b>Shelly Pacheco</b>
Base Camp Manager	<b>Peter Drott</b>
Supply Unit	<b>Clarence Adams, Vicki Cunningham</b>
Info. Technology Spec.	<b>Mike Gascon, Jeremy Jones (T)</b>
Receiving Distribution	
Ordering Manager	<b>Dustin Totten (V), Cameron Heirring (T)</b>
Ground Support Unit	<b>Joe Keady, Casey Glade</b>
COML	<b>Kevin Zurfluh</b>
COMT	<b>Mike Merrick</b>
Food Unit	<b>Kristy Naughton</b>
Security Manager	<b>Mark Suba, Luke Johnson (T)</b>
Medical Unit	<b>Bill Howell, Mariann Turley (T)</b>

<b>9. Operations Section</b>		
OPS Section Chief	<b>Jon Larson, Jeff Bortner (T)</b>	
OPS Section Chief (Strategic Ops)	<b>Trevor Wallace</b>	
<b>a. Branch I</b>		
Branch Director	<b>Steve Bacigalupo, Scott Coulson (T)</b>	
Division	<b>A</b>	<b>Jeff Neil</b>
Division	<b>D</b>	<b>Ken Foss</b>
Division	<b>G</b>	<b>Seth Merritt, Kurt Stich (T)</b>
Division	<b>K</b>	<b>John Spanarella</b>
<b>b. Branch II</b>		
Branch Director	<b>Cindi Tonasket-Ebel</b>	
Division	<b>N,Q,T</b>	<b>Rob Gubser, Mandi Shoaf (T)</b>
Division	<b>Boat</b>	<b>Joe Parr</b>
<b>c. Air Operations Branch</b>		
AOB Director	<b>Ted Hass</b>	
Air Attack Supervisor	<b>Mike DeMello</b>	
Air Support Group Supervisor	<b>Mark Hocken</b>	
<b>10. Finance Section</b>		
Chief	<b>Andrea Andresen, Lori Bailey (T)</b>	
Time Unit	<b>Heather Wall, Beverly Hollars</b>	
Procurement		
Comp/Claims	<b>Kelly Lorenz</b>	
Cost Unit	<b>Michael Lysne</b>	
Prepared by Rachel Noonan		



# INCIDENT Weather Forecast



**FORECAST NO:** 6  
**PREDICTION FOR:** Wednesday  
**SHIFT DATE:** 07/06/22  
**FORECAST ISSUED:** 07/05/22 at 1900 AKDT

**NAME OF FIRE:** Bean Complex  
**UNIT:** Alaska Fire Service – Tanana Zone  
**SIGNED:** Shawn Palmquist - Incident Meteorologist

**\*\*\*Red Flag Warning in effect until Midnight Thursday Night\*\*\***

**WEATHER DISCUSSION:**

An area of low pressure dropping southeast along the west coast of Alaska, and high pressure nosing in from the Yukon will bring temperatures a few degrees warmer than yesterday, but with similar humidity levels and overall light winds. Continued chances for showers and thunderstorms return for the late afternoon and evening hours, gradually diminishing overnight. Expect lows mainly in the 50s tonight, with good RH recoveries and light winds prevailing. Thursday will be similar to Wednesday, with temperatures a degree or two cooler, and additional chances for late day showers and thunderstorms. With the thunderstorms, the chance for a wetting rain remains relatively low, with the main threat gusty and erratic winds. A Red Flag Warning for abundant lightning on dry fuels is in effect through midnight Thursday night.

**Today:**

**WEATHER:** Partly cloudy in the morning with increasing clouds in the afternoon. Scattered showers and thunderstorms possible in the late afternoon, mainly after 1600 AKD. Gusty and erratic winds are possible with the thunderstorms.

**TEMPERATURES:** Highs 73 to 79. Up 1 to 3 degrees.

**HUMIDITY:** Minimum 38 to 46 %. Little change.

**20 FT WINDS:**

**RIDGETOP** - Light and variable to west 4 to 8 mph.

**SLOPE/VALLEY** - Light and variable to west 3 to 8 mph. Gusty and erratic winds possible near thunderstorms.

**FWI (From Manley Hot Springs):** 30 (Very high)

**CHANCE OF WETTING RAIN (> .10):** 10%

**LAL:** 4

**STABILITY/INVERSION:** Weak to Moderate inversion breaking around 0900-1000 AKDT.

**OUTLOOK FOR TONIGHT:**

Partly cloudy. Scattered showers and thunderstorms in the evening, diminishing overnight. Low temperatures 51 to 59 degrees. RH recoveries 75 to 95 %, highest along the valley bottoms. Light and variable winds. Inversion begins to form 2200-2300 AKDT.

**OUTLOOK FOR THURSDAY:**

Partly cloudy. Increasing clouds in the afternoon. Isolated to widely scattered showers and thunderstorms possible in the late afternoon and evening. High temperatures 71 to 77 degrees. RH minimums 40 to 47 %. Variable or upslope/upvalley 3 to 7 mph.

## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 8	<b>TYPE OF FIRE:</b> Wildland
<b>FIRE NAME:</b> Bean Complex	<b>OPERATIONAL PERIOD:</b> July 6, 2022
<b>DATE ISSUED:</b> July 5, 2022	<b>TIME ISSUED:</b> 2000
<b>UNITS:</b> Alaska Fire Service – Tanana Zone	<b>FBAN:</b> Brett Smith

**WEATHER SUMMARY:** See Weather Forecast in IAP

\*\*\*Possible thunderstorm development continues today\*\*\*


### FUELS:

**GENERAL:** Primary timber fuel types are black and/or white spruce, mixedwood, and hardwoods. Fuels in recently burned areas are likely to consist of grasses, brush, and various age timber reprod. All fuels are available to burn at varying intensity and rates of spread, including dense hardwood stands that have previously been considered as barriers. Weather forecasts suggest less smoke coverage and density may allow solar radiation to reach surface fuels and promote further drying. A fuels and fire behavior advisory for *exceptional landscape flammability* has been issued through July 8<sup>th</sup>.

### GENERAL/Potential:

**TODAY:** Environmental conditions will continue to promote areas of active surface fire behavior with torching across the entire complex. Extreme fire behavior is possible with wind influence above 10 mph, which is possible near any thunderstorms. Previous areas of heat may become visible or active again. New ignitions from recent lightning may become detectable as visibility improves. Fuels continue to burn intensely and may exhibit high resistance to control.

Most local Fire Danger indices are in the extreme category and are trending level (little change).

<p><b>Max Spotting Distance</b> 0.1 to 0.25 mile</p> <p><b>Probability of Ignition</b> 50-70%</p>  <p><b>Torching will be common, periodic crown runs are possible near thunderstorms</b></p>	<b>Fuel Type/Model</b>	<b>Maximum Rate of Spread</b>	<b>Maximum Flame Length</b>
	Boreal Spruce	Head 0.2 to 0.4 mi/hr Flank 12-17 ft/min	Head 20-25 ft Flank 12-18 ft
	Mixedwood (Mixed Hardwoods/Conifers)	Head 15-20 ft/min Flank 5-10 ft/min	Head 10-15 ft Flank 6-10 ft
	Standing Grass (Recent burned and marsh areas)	Head 20-30 ft/min Flank 5-10 ft/min	Head 6-12 ft Flank 4-7 ft

### SPECIFIC:

**310:** Fuels are mixed grass, hardwoods, and some mixedwood along rivers. Observed fire behavior will likely include backing and flanking with frequent torching. Thunderstorm outflow winds may temporarily increase fire behavior, rates of spread, and spotting distances. Fuels are burning relatively intensely (even live fuels) and following available fuels around riparian areas. Areas of topography and continuous spruce may exhibit short periods of extreme fire behavior with high resistance to control efforts.

**343:** Fire is located entirely within a recently burned area containing widely varying fuel type and condition. Active fire behavior and moderate spread is probable. Gusty winds initiated significant growth on this fire recently as an example of fire spread potential with wind.

**315:** Pockets of heat are scattered around the perimeter. Areas of recent heat are likely to become visible and/or active again with increased solar heating. Continued spread to the east and southeast are likely.

**312:** Available fuels, reduced smoke shading, and possible thunderstorm development will likely encourage continued spread south and east of Bitzshitini Mountains and south along the Cosna River.

### AIR OPERATIONS:

Visibility is forecast to gradually improve throughout the day. Watch for gusty outflow winds from thunderstorms.

### SAFETY:

LCES – Lookouts: Use lookouts to monitor and communicate changes in weather, smoke, and fire behavior.

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>I</b>	2. Division/Group <b>#312 (DIV A)</b>				
3. Incident Name <b>Bean Complex</b>		4. Operational Period Date: July 6, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson / Jeff Bortner (T)		Division/Group Supervisor	Jeff Neil (SAT Phone 8816-514-02467)			
Operations Chief (Planning)			Air Attack Supervisor				
Branch Director	Steve Bacigalupo / Scott Coulson (T)						
Safety Officer	Matt Broyles / Kris Croddy						
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	Tentative Last Work Day
1.	SMKJ	Ortlund	12				7/11
2.	O - 39 Olympic WFM	Peach	10		Phone 360 912 1146		7/15
3.							
4.							
5.	O- 7 TFLD	Lane	1				7/13
6.							
7.							
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18.							
19.							
7. Control Operations Point Source Protection							
8. Special Instructions. Structure protection on cabins south and east of #312 Fire. Mop up 300' around all cabins.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeater	See Comm Plan			Command	See Comm Plan		
TAC				Air To Ground	See Comm Plan		
Prepared by (Resource Unit Leader): Jen Smith			Approved by (Planning Section Chief): Mike Crawford		Date 7/5/22	Time 1900	

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>I</b>	2. Division/Group <b>#315 (DIV D / DIV G)</b>																																																																																																																																																																			
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Operations Chief	Jon Larson / Jeff Bortner (T)		Division/Group Supervisor	DIV D - Ken Foss (SAT Phone 8816-514-02334) DIV G - Seth Merritt (SAT Phone 8816-514-00503) / Kurt Stich(T)																																																																																																																																																																		
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8. Special Instructions. DIV D (Foss) – Provide structure protection to 10 cabins south of #315. Continue mop up 300' around all cabins in DIV D. DIV G (Merritt/Stich(T)) – Provide point source protection on structures north of #315 Fire and allotment protection to the east of #315 Fire. Continue mop up 300' around cabins.																																																																																																																																																																						
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<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>I</b>	2. Division/Group <b>#343 (DIV K)</b>				
3. Incident Name <b>Bean Complex</b>		4. Operational Period Date: <b>July 6, 2022</b> Time: <b>Day 0700 - 2300</b>					
5. Operations Personnel							
Operations Chief	Jon Larson / Jeff Bortner (T)		Division/Group Supervisor	Spanarella (SAT Phone 8816-514-02162)			
Operations Chief (Planning)			Air Attack Supervisor				
Branch Director	Steve Bacigalupo / Scott Coulson (T)						
Safety Officer	Matt Broyles / Kris Croddy						
	Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	Tentative Last Work Day
1.	SMKJ	Cramer	4				7/11
2.							
3.	O – 25 Grass Lake	Johnson	10				7/15
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7. Control Operations							
Continue structure protection at Mooseheart Lake. Develop management action points for cabins. Monitor by air.							
8. Special Instructions.							
Cabin protection and prep. Mop up 300' around cabins. With a permanent resident, bears can be an issue.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeater	See Comm Plan			Command	See Comm Plan		
TAC				Air To Ground	See Comm Plan		
Prepared by (Resource Unit Leader): Jen Smith			Approved by (Planning Section Chief): Mike Crawford			Date 7/5/22	Time 1900



<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>II</b>	2. Division/Group <b>#310 (DIVs N, Q, T)</b>																																																																																																																																															
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7. Control Operations #327 – Secure and 100% mop up. Ensure 300' mop up, cold trail. Deadman's Lake – Complete point source protection on all cabins. Continue to work on indirect line. Roadhouse – Continue to mop up around structures to secure perimeter. Commensurate with risk, fully suppress fire perimeter west of the Tolavana River.																																																																																																																																																		
8. Special Instructions. #327 - Catalogue all equipment by type, location, and equipment #. Backhaul all unnecessary equipment. 300' cold trail around all structures.																																																																																																																																																		
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3. Incident Name <b>Bean Complex</b>		4. Operational Period Date: <b>July 6, 2022</b> Time: <b>Day 0700 - 2300</b>					
5. Operations Personnel							
Operations Chief	Jon Larson / Jeff Bortner (T)		Division/Group Supervisor	Joe Parr			
Operations Chief (Planning)			Air Attack Supervisor				
Branch Director	Cindi Tonasket-Ebel						
Safety Officer	Matt Broyles / Kris Croddy						
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT/Time	Pick Up PT/Time	Tentative Last Work Day
1.	E - 14 BTOP	Bredeman	1				
2.	E - 48 BTOP	Edwardson	1				7/18
3.							
4.							
5.							
6.							
7.							
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11.							
12.							
13.							
14.							
15.							
16.							
17.							
18.							
19.							
7. Control Operations Provide logistical and crew transport to fire #310 from Manley Hot Springs within the Tanana River corridor.							
8. Special Instructions. Coordinate tactical frequency use within the divisions.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeater	See Comm Plan			Command	See Comm Plan		
TAC				Air To Ground	See Comm Plan		
Prepared by (Resource Unit Leader): Jen Smith			Approved by (Planning Section Chief): Mike Crawford			Date: 7/5/22	Time: 1900

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Prepared by (Resource Unit Leader): Jen Smith			Approved by (Planning Section Chief): Mike Crawford			Date 7/3/22	Time 1900																																																																																																																																																															

**AIR OPERATIONS SUMMARY 220**

**Prepared By:** Ted Hass, AOBD

**Prepared Date:** 07/05/2022

**Prepared Time:** 1900

<b>INCIDENT NAME:</b> Bean Complex	<b>OPS PERIOD DATE:</b> 07/06/2022	<b>START TIME:</b> 1000	<b>END TIME:</b> 2300	<b>SUNRISE:</b> 0318	<b>SUNSET:</b> 0033(7/7)
<b>Risk Assessment Mitigations, Special Instructions, and Remarks:</b> Assess Risk Daily: assess visibility, weather, complacency, communications, fatigue, etc. – Make informed risk acceptance decisions.  <b>Flight Follow (FF) with ATGS or Helibase</b>  <b>ALWAYS MONITOR BRANCH A/G</b>		<b>Helibase Info:</b>  <b>Manley Helibase</b> N64°59.47' x W150°38.58' (275' msl)  <b>Unicom:</b> 122.8	<b>TFR Info:</b> NO TFR	<b>Medevac or Extraction Order through Dispatch:</b>  907-356-5555	
		All aircraft requests go through Air Attack or Helibase			

POSITION	NAME	PHONE #	FREQUENCIES	TYPE	FREQ. RX	FREQ. TX	FIXED-WING Avail/ Type/ Make-Model/ N#/
AOBD	Ted Hass	541-646-1318	Air/Air Primary	AM	125.8500	125.8500	<b>AIRTANKERS- order through Air Attack</b>
HEB Manley	Mark Hocken	907-388-5342	Air/Air Secondary	AM	121.0500	121.0500	<b>ALL CTRs &amp; Cost Summary to finance:</b>  <b>Air Attack Platforms</b> AA610 – N586DV AA617 – N721TB
ATGS	Mike Demello	541-324-0876	A/G Branch I	FM	171.5500	171.5500	
ATGS	Jerry Messinger	541-306-0907	A/G Branch II	FM	171.7250	171.7250	
			A/G Zone	FM	166.6375	166.6375	
			Zone Air/Air	AM	128.4500	128.4500	
Helibase	Manley	907-388-5342					
Zone UAO	Craig Utter	208-315-3251	Air Guard	FM	168.625	168.625 (110.9)	
UYT Dispatch	Aircraft Desk	907-356-5553					

**HELICOPTERS:**

FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	REMARKS
N16920	2	Bell 212	Manley	1000	Bucket, longline, recon						
212HP	2	Bell 212	Manley	1000	Recon, logline, bucket						
763AE	3	AS350 B3	MANLEY	1000	Recon, PAX, longline						

# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

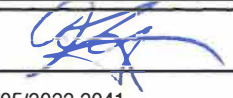
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>	<b>2. Date/Time Prepared:</b>	<b>3. Operational Period: 0700 2300</b>	
BEAN COMPLEX	Date: 07/05/2022 Time: 2041	Date/Time From: 07/06/2022 0700 WED	Date/Time To: 07/06/2022 2300 WED

**4. Basic Radio Channel Use:**

Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A,D, or M)	Remarks
	1	COMMAND	CMD 1	ALL DIVS	170.4500 N	123.0	168.1000 N	123.0	A	MOOSEHEART MTN
	2	COMMAND	CMD 2	ALL DIVS	169.5375 N	123.0	164.7125 N	123.0	A	REX DOME
	3	COMMAND	CMD 3	ALL DIVS	170.0125 N	123.0	165.2500 N	123.0	A	MANLEY HS DOME
	4	TACTICAL	TAC 4	DIV A / BOAT GRP	168.0500 N	123.0	168.0500 N	123.0	A	NIFC TAC 1 TONE 2
	5	TACTICAL	TAC 5	DIV D	168.2000 N	123.0	168.2000 N	123.0	A	NIFC TAC 2 TONE 2
	6	TACTICAL	TAC 6	DIV G	168.6000 N	123.0	168.6000 N	123.0	A	NIFC TAC 3 TONE 2
	7	TACTICAL	TAC 7	DIV K	166.7250 N	123.0	166.7250 N	123.0	A	NIFC TAC 4 TONE 2
	8	TACTICAL	TAC 8	DIV N/Q	166.7750 N	123.0	166.7750 N	123.0	A	NIFC TAC 5 TONE 2
	9	TACTICAL	TAC 9	DIV T	168.2500 N	123.0	168.2500 N	123.0	A	NIFC TAC 6 TONE 2
	10	TACTICAL	IATAC1	IA	159.3750 N		159.3750 N	156.7	A	
	11	AIR TO GROUND	LOC A/G 1		166.6375 N		166.6375 N		A	
	12	COMMAND	RED		168.5625 N		168.5625 N		A	LOCAL DISPATCH
	13	COMMAND	CMD 13	ALL DIVS	172.3250 N	123.0	169.4000 N	123.0	A	FAA HILL
	14	AIR TO GROUND	A/G PRI		171.5500 N		171.5500 N		A	A/G BRANCH I
	15	AIR TO GROUND	A/G SEC		171.7250 N		171.7250 N		A	A/G BRANCH II
	16	AIR GUARD	GUARD		168.6250 N		168.6250 N	110.9	A	

**5. Special Instructions:**

<b>6. Prepared By</b>	(Communications Unit Leader)	Name: KEVIN ZURFLUH	Signature: 
ICS 205	IAP Page	Date/Time: 07/05/2022 2041	

Controlled Unclassified Information//Basic

FINAL

## Bean Complex 7/2/2022

### SMKJ personnel groups w/ SAT Phones

#### #310/#327 - Deadman Lake

Whittemore +3 (SAT Phone # 8816-514-01799)

#### #310/#327 - Roadhouse

#### #315

Langhorst +11 (SAT Phone # 8816-514-03067)

Hayes +11 (SAT Phone # 8816-2248-7596)

### Division Group Supervisor SAT Phones

Gubser	SAT Phone # 8816-514-02344
Neil	SAT Phone # 8816-514-02467
Foss	SAT Phone # 8816-514-02334
Merritt	SAT Phone # 8816-514-00503
Spanarella	SAT Phone # 8816-514-02162

### Instructions for placing calls to SAT Phones:

You have the option to give the caller the 2-stage dialing access number. When calls are placed to the satellite phone via the access number, you as the subscriber, are billed \$1.60/incoming minute. The caller is charged a regular long distance call to Arizona. The 2-stage access number is **1-480-768-2500**. The caller will be prompted to enter your 12-digit satellite phone number, then the call will be placed to your Iridium satellite phone.

## SAFETY MESSAGE

**INCIDENT:** Bean complex

**DATE:** July 6, 2022

**SHIFT:** Day

### FOOT CARE AND BLISTER TREATMENT

Blisters occur when there is too much friction on skin. Wet skin is more susceptible to blistering. Blisters are not just uncomfortable, they also have the potential to become infected- and can then lead to more serious health consequences. The best practice is to avoid blisters. Once "hot spots" (areas of raw rubbed skin) occur on your feet, prompt attention is needed to avoid actual blistering. Stop walking. Do not finish the hike or the shift without taking at least some action to help your feet. Any short-term productivity gained by continuing to walk or work on untreated hot spots or blisters for a few more hours is outweighed by the loss of productivity that occurs if you cannot walk or work for a day or more because your feet are badly blistered, peeling, or infected.

#### **Avoidance:**

Socks made of material that wicks moisture away from the skin will help prevent friction that leads to hot spots. Change socks regularly to keep your feet dry and clean. Avoid cotton socks because they retain moisture near the feet and increase friction. Synthetic socks should **not** be worn on the fireline- **they can melt to your feet!** Wear socks made of natural fibers (wool). Use powder on your feet to help keep them dry during the day.

#### **Treatment- hot spots:**

At the first sign of a hotspot, **stop walking** and address the problem as best you can with what you have with you. Try to add an additional layer of protection to the hot spot. Moleskin or duct tape alone can each be effective, however a combination of these two materials is often better than either one alone. Moleskin, if applied without some sort of friction- reducing covering (like duct tape) can peel off and ball up, further increasing friction and pressure on the hot spot. Use only enough tape and/or moleskin to cover the rubbing area. Excess material might come loose and create further problems.

#### **Treatment-blisters:**

If you develop a blister, that means your avoidance tactics and hot spot treatment did not work well. More effort is now required; Immediately. The best way to heal a blister is to leave it intact and keep weight off of it, which is usually not possible or practical while working a fire. Treat and return to work is the reality of blister management unless the case is especially severe. It is best to have a medically trained person treat your blister. However, if you must do it with self-care read on. The next best method is to remove the fluid from the blister using a **sterilized** needle (or similar sharp object). If possible, protect the blister from further friction until end of shift. You do not want the blister to open on its own. If at all possible, open the blister after shift and at the end of daily activities so it can heal while you sleep. Gather treatment materials before you open the blister.

#### **Opening the blister:**

1. Sterilization of the tool can be achieved by heating, waving the "tool" in a flame for a second or two. 2. Clean (and disinfect if possible) the surface of the blister. 3. Using the **sterilized** tool, make a small hole at the edge of the blister and drain the fluid as best you can, **leaving the skin in place** to help temporarily protect the underlying undamaged tissue. 4. After the blister is drained, apply an antibiotic, if available, and cover the area with a sterile dressing.

Avoid any adhesive directly on the blister to prevent removing skin when the adhesive is removed. Cutting moleskin into a "doughnut" protects the blister without any adhesive on it. When using tape, place a small piece of sterile dressing on the blister first to prevent adhesive from sticking to the blister. Keep the blister dry and protected until the skin comes off naturally, usually after 4 or 5 days. If the blister is bleeding, treat it like any other open wound. Cover the blister when you are active and remove any protection at night, allowing the blister to breathe. Reapply protection every morning or after the blister gets wet. **Seek medical help immediately if your blisters are oozing or become infected.**

IMT NW -7 safety officers: Kris Croddy- ( Manley) (520) 275- 6747, Matt Broyles ( ICP) (541) 591-6151.

# Finance Message 7/2/22

Finance Phone Number: 530-375-7205

- Once CTR's and Shift Tickets have been signed, email them as a **PDF** attachment to: **2022.Bean.Finance@firenet.gov**
  
- The subject line should include your Resource Order(RO)# and last name or company name.
- When saving your CTR or Shift Ticket, please use the following naming convention: CTR\_RO#\_YYMMDD or ST\_RO#\_YYMMDD  
**Example: CTR\_C3\_220628**
  
- For multiple days on one CTR or Shift Ticket, please use this format: CTR\_RO#\_YYMMDD\_DD  
**Example: ST\_E12\_220629\_30**

**If you are unable to email documents due to connectivity issues, hard copies will be accepted. There will be a runner from Pipeline ICP to Manley FOB daily and documents may be transported that way. As a last resort, CTR/Shift Tickets can be turned in at the end of the assignment.**

**All CTR/Shift Ticket header information should match the incident on the RO. However, the team is required to track costs for each individual fire, so please indicate which incident you worked for each shift in the remarks section.**



# Logistics Information

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**Bean Communication 907-388-7148 (Staffed 24-hr/day)**

## Addresses

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**Bean Complex ICP  
Fairbanks Pipeline Training Center  
3605 Cartwright Ct, Bldg. C  
Fairbanks AK**

**Manley FOB  
Manley Airstrip  
At 149.5-mi Elliott Highway  
Manly Hot Springs, AK**

## Manley FOB Unit Contact Information

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**Facilities  
907-388-2746**

**Supply  
907-388-2867**

**Medical  
907-370-7108**

**Safety Officer  
907-378-4479**

**Air Support  
907-388-5342**

**Security  
907-750-1800**

## ORDERING INSTRUCTIONS

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All orders should be placed through.

Ordering Manager 541-690-9245, or

Bean Communications 907-388-7148, or

Radio to Bean Communication, or

Email on GM-213 Form to [2022.bean.ordering@firenet.gov](mailto:2022.bean.ordering@firenet.gov)

# Logistics Information

## PARA CARGO ORDERING INSTRUCTIONS

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To place a para cargo order, contact Bean Communication via radio or phone. Provide the following information.

1. Branch and Division
2. Date and Time Needed
3. Items name and quantity to be delivered.
4. Drop Zone Name (Indicate if new drop zone)
5. Drop Zone Lat/Long
6. Drop Zone Assigned A/G Frequency
7. Drop Zone Ground Contact (First name and last name)

**Important to note the Branch/Division assigned A/G frequency will be used by the aircraft to coordinate delivery with the Drop Zone Ground Contact.**

This information will be used to complete the order. An example of a complete order as follows;

- Bean Complex
- Fire #312
- Drop Zone Name: Cabin 11-A
- Drop Zone Lat/Long: 64 35.3 x 151 33.1
- Drop Zone Frequencies:
  - A/A – 125.8500
  - A/G – 171.550
- Drop Zone Ground Contact Jeff Neil
- DTN 07-04-22 @ 1800
- Cubies Water Filled # 7442 Qty 30
- MRE #1842 Qty 5

 <b>Team 7 Line Supply Order</b>				 <b>Bean Complex</b>				<b>Order #</b>			
<b>Date &amp; Time</b> <b>Order Placed</b>				<b>Deliver To Location/time</b> (Division, Drop Point, Heli Spot, Lat/Long)				<b>Delivery Method</b> (Driver, Helo, DIVS pickup)			
<b>Order received in Communications (name &amp; time)</b>				<b>Ordered by (name and Position)</b>							
<b>Order received in Supply by (name &amp; time)</b>				<b>Ground Contact</b>							
<b>Order received in Transportation by (name &amp; time)</b>				<b>Contact Freq.</b>							
<b>Order received in Helibase by (name &amp; time)</b>				<b>Special Instructions/line length/ elevation</b>							
<b>Order shipped to line by (name &amp; time)</b>											
#	Item	need	sent	#	Item	need	sent	#	Item	need	sent
1	Meals MRE 12/Cs			33	Slingable Bag, Potable, 55 gal.						
2	Water 5 gal cubies			34	Slingable Bag, suppression, 72 gal						
3	Gatorade 24/Cs			35	Coffee Kit						
4	Batteries, AA, 24/pg.			36	Coffee 3lb Can						
5	Batteries, AAA, 18/pg.			37	Folda-Tank 1000/1500 gal						
6	2 Cycle Oil Qt			38	Pumpkin, size?						
7	2 cycle Oil, 1 Gal. mix, 50:1			39	Backpack Pump						
8	Gas 50:1 mix (5 gal.)			40	Mark III pump + Kit						
9	Bar Oil, Gal			41	Lightweight Pump						
10	Gas Unleaded (5 gal.)			42	Volume Pump						
11	Diesel, (5 gal.)			43	Hose 1 1/2", 100' lg						
12	Gas Can, 5 gal. empty			44	Hose 1", 100' lg						
13	Shovel			45	Hose 3/4", 50' lg						
14	Pulaski			46	Reducer, 1 1/2" to 1"						
15	McLeod			47	Reducer, 1" to 3/4"						
16	Combi			48	Gated "Y", 1 1/2"						
17	Chainsaw Kit			49	Gated "Y", 1"						
18	Drip Torch, empty			50	Gated "Y", 3/4"						
19	Fussee			51	In-line Tee w/cap, 1 1/2" to 1"						
20	Sleeping Pad			52	Nozzle KK, 1 1/2"						
21	Sleeping Bag			53	Nozzle KK, 1"						
22	Tent fly, plastic 16" x 20"			54	Nozzle, 3/4"						
23	Plastic Sheeting			55	Nozzle, Forester 1"						
24	Parachute Cord			56	Foam 5 gal.						
25	Fiber Tape, roll			57	Sprinkler kit, (4 head)						
26	Garbage Bags, case			58	Team 7 Hose Lay Kit						
27	Leadline, 3000 lbs.			59							
28	Cargo Net, 3000lb			60							
29	Swivel, 3000lb			61							
30	Toilet Paper, rolls			62							
31	Bath in a Bag, Small			63							
32	Bath in a Bag, Large			64							
Accountable Property #s											

ver. 6/26/22

Team 7 Hose Lay Kit (7/16/2014)	
Item	Amount
1 1/2 in. Synthetic Hose	1000 FT
1 in. Synthetic Hose	500 ft.
3/4 in. garden Hose	500 ft.
1 1/2 in. Gated wye	5 ea.
1 1/2 in. - 1 in. reducer	5 ea.
1 in. Forester Nozzle	5 ea.
1 in. - 3/4 in. Reducer	5 ea.
3/4 in. valve, shutoff, ball	5 ea.
3/4 in. gated wye	5 ea.
3/4 in. Nozzle	5 ea.

Sprinkler Kit NFES # 1048	
Item	Amount
Sprinkler Head w/couplings	4
3/4 in. garden Hose	250 ft.
1 1/2 x 1 1/2 z 1 in. Tee	4
1 in. - 3/4 in. Reducer	4
1 1/2 in. - 1 in. reducer	1
3/4 in. gated wye	2
3/4 in. valve, shutoff, ball	4
3/4 in. nozzle	1
3/4 in. pressure regulator	1
1 in. nozzle, plastic 60 gpm	1
10 in. adjustable wrench	1

3 kits to 1 Mark III pump, depending on slope

Line Order Process  
 All line orders will go through the Comms. Unit.  
 Orders can sent via phone at -----



### **NW Team 7 – C & G Phone List for Bean Complex**

Incident Commander	Nathan LeFevre	541-255-6595
Dep. Incident Commander	Eric Knerr	541-219-6579
Incident Commander (T)	Chris Orr	530-640-1464
Safety Officer	Matt Broyles	541-591-6151
Safety Officer	Kris Croddy	907-378-4479
Safety Officer	Philip Bordelon	541-891-4598
Public Information Officer	Don Ferguson	541-778-2679
Public Information Officer	Nicholas Digiacco	603-236-2398
Public Information Officer	Clare Long	603-986-5640
Liaison Officer	Shawn Christianson	509-429-3348
Liaison Officer (T)	Omar Ortiz	360-713-3866
Liaison Officer (T)	Mark Suba	541-219-9048
Finance Section Chief	Andrea Andresen	530-375-7205
Finance Section Chief (T)	Lori Bailey	541-589-0806
Logistics Section Chief	Lin Vaughan	859-619-7244
Logistics Section Chief	Cindy Wedekind	541-450-1136
Logistics Section Chief (T)	Ben Goodin	541-589-2941
Operations Section Chief/Planning	Jon Larson	208-631-6488
Operations Section Chief/Strategic	Trevor Wallace	541-450-1133
Operations Section Chief (T)	Jeff Bortner	360-623-0338
Operations Branch Director	Steve Bacigalupo	541-530-4780
Operations Branch Director	Cindi Tonasket-Ebel	509-899-0298
Air Operations Branch Director	Ted Hass	541-646-1318
Planning Section Chief	Mike Crawford	458-212-0501

Last updated on: 7/3/2022







## MEDICAL EVACUATION AND AIRCRAFT MISHAP INFORMATION

### Medical Incident Requiring Extraction from Fireline and Reporting Procedures

In the event of a medical incident requiring extraction from the fireline the procedure will be:

1. On- scene Incident Commander (IC) will notify Bean Communications and provide the information on the **8 Line** form (last page of the IAP, or IRPG pgs 118-119) preferably in the order listed. On-scene IC will request resources needed for the extraction.
2. Bean Communications will notify Command and General Staff (C&G) present in Manley via cell phone text list.
3. Field Operations (in coordination with Manley medical personnel and Manley air operations) will direct/assign/coordinate incident resources to perform the patient retrieval and either:
  - A. Deliver the patient(s) to Manley Airstip for transfer to fixed wing lifeflight.
  - B. Deliver the patient(s) to Manley Airstrip for transfer to Fairbanks by ground transport.
  - C. Fly patient(s) directly, by rotor, from the line to Fairbanks Memorial Hospital.
  - D. Transport patient(s) by boat to Manley.

### Response time to Manley after notifying Upper Yukon Tanana Dispatch Center - 75-95 minutes.

Safety Officer in Manley will call Upper Yukon -Tanana Dispath Center ( 1 800 237- 3652, and ask for the floor corrdinator) and notify them that:

1. An accident/injury/illness has occurred.
2. An extraction is under way to get patient(s) to Manley Airstrip.
3. A lifeflight fixed wing is/ is not requested to respond to Manley airstrip.

Safety Officer in Manley will notify IC, or Deputy IC, or IC(t) at earliest opportunity without delaying care or transport of the patient(s). After hours/off shift notify Ted Hass @ 541-646-1318.

### Aircraft Mishap Response and Reporting Procedures

Personnel observing mishap will report it to supervisor and /or Bean communications immediately, attempt to access the scene, and give size up and victim status report when on scene.

**On-scene personnel:** Once report and size up are delivered, priority for **on-scene personnel**, in priority order, is:

1. As possible, limit the number of personnel exposed to the mishap scene to only those necessary to accomplish tasks listed below.
2. Keep responders and uninjured survivors from becoming injured.
3. Locate, extricate if necessary, and treat injured survivors.
4. Do not move bodies of deceased individuals unless necessary to rescue or treat survivors See IRPG pg. 115 for fatality procedures).
5. Report situation and 8 Line information (last page of IAP or pages 118-119 in IRPG) on all victims- living and deceased- to Bean Communications.
6. Attempt to control any natural fuels fire started by mishap.
7. Secure mishap scene for investigation purposes.



## MEDICAL EVACUATION AND AIRCRAFT MISHAP INFORMATION

8. Identify and gather witnesses. Have them individually write statements about what they saw and heard regarding the mishap.
9. Continue to work towards meeting incident objectives -if possible- with resources uninvolved with the mishap or response to it.

**Bean Communications:** Once initial report and initial size up has been received Bean communications will, in order:

1. Attempt to Notify C and G at Manley.
2. Place call to UYT dispatch ( 1 800 237- 3652, and ask for the floor coordinator) and relay that a mishap has occurred, and information from initial size up. UYT dispatch, **not** Bean comm. will call national mishap hotline.

**Team Safety Officer at Manley:** Once initial report and initial size up has been received:

1. Notify IC, or Deputy IC, or IC (t) or ICP Safety 541-591-6151.
2. Work with field operations and air operations at Manley to coordinate rescue/response.

**The transport times in the table below highlight the true remoteness of the fires we are currently staffing. This should lead to thoughtful and deliberate actions by every resource assigned. The mitigation of the hazards faced should reduce the risks and be commensurate to the benefit of our actions, while fully realizing the consequences of accidents and injuries.**

**Approximate patient transport times from Bean Complex incidents**

INCIDENT	Spool at Manley + fly to incident	Load patient at incident + fly to Manley	Transfer patient to fixed wing life flight + fly to FBK airport	Transfer patient to ground ambo + drive to hospital	Total transport time from incident to hospital
312	15+60=75	10+60=70	10+45=55	10+20=30	75+70+55+30=230 <b>3 hr. 50 min</b>
315 North end	15+40=55	10+40=50	10+45=55	10+20=30	55+50+55+30=190 <b>3 hr. 10 min.</b>
315 south end	15+45=60	10+45=55	10+45=55	10+20=30	60+55+55+30=200 <b>3 hr. 20 min.</b>
Moose Heart Lake	15+35=50	10+35=45	10+45=55	10+20=30	50+45+55+30=180 <b>3 hr. 0 min.</b>
327	15+25=40	10+25=35	10+45=55	10+20=30	40+35+55+30=180 <b>2hr 40 min.</b>
310	15+25=40	Fly rotor direct to helipad at FBK memorial hospital. 40+10+45=95	NO	NO	40+10+45=95 <b>1 hr. 35 min.</b>



# Medical Plan ICS-206

Incident/Project Name	Operational Period
<b>Bean Complex</b>	<b>Date/Time: July 6, 2022 0700-2300</b>

Ambulance Services			
Name	Complete Address	Phone	Advanced Life Support Yes      No

Air Ambulance Services		
Name	Phone	Type of Aircraft & Capability
Guardian Flight	1-888-997-3822	Fixed wing
Life Med	1-907-563-6633	Fixed wing

Hospitals							
Name/ Address	GPS Datum – WGS 84		Travel Time		Phone	Helipad Yes	Level
			Air	GRN			
Fairbanks Memorial 1650 Cowles St Fairbanks, AK	Lat: Long:	N 64° 49.90' W 147° 44.50'	25 MIN	4 HRS	1-907-458-5556	YES	IV
Providence Alaska Medical Center 3200 Providence Dr. Anchorage, AK	Lat: Long:	N 61° 11.20' W 149° 49.18'	75 MIN	NA	1-907-212-3433	YES	II
Harborview MC Seattle, WA	Lat: Long:	N 47° 36.190' W 122° 19.500'	4 HRS	NA	206-744-3000	YES	I / Burn Unit ABA

Branch	Division	Group	Radio Designator	Name	Capabilities
ICP			MEDL MEDL-T	Bill Howell Mariann Turley	
Manley Hot Springs			MEDL-T	Kasey Austin Kirk EMPF, Wilson EMTF	
Approved Heli Spots			Div. A fire 312 H-20, H-21, H-22	Div. D fire 315 south H-40, H041	
Div. G fire 315 north H-50, H-51, H-52			Manley Helibase Fire 327 H-71	Div. Q fire 310 H-81, H-82	

Prepared By (MEDL)	Date	Reviewed By (Safety)	10. Date
/s/ Mariann Turley MEDL (T)	7/5/22	/s/ Matt Broyles	7/5/22

### Medical Incident Report

- In the event of a medical emergency Contact the Communications Unit and utilize the Medical Incident Report (found on page 118 in the IRPG or the last page of the IAP) to provide information to communications.
- At ICP use 911 for medical emergencies.

# MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

Medical Incident Report																									
<p><b>FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.</b></p> <p><b>FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.</b></p>																									
<p><b>Use the following items to communicate situation to communications/dispatch.</b></p>																									
<p><b>1. CONTACT COMMUNICATIONS / DISPATCH</b> (Verify correct frequency prior to starting report)  <i>Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."</i></p> <p><b>2. INCIDENT STATUS:</b> Provide incident summary (including number of patients) and command structure.  <i>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."</i></p>																									
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> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> <b>YELLOW / PRIORITY 2</b> Serious injury or illness. Evacuation may be <b>DELAYED</b> if necessary. <i>Ex: Significant trauma, unable to walk, 2° – 3° burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> <b>GREEN / PRIORITY 3</b> Minor injury or illness. <b>Non-Emergency transport</b> <i>Ex: Sprains, strains, minor heat-related illness.</i>																								
Nature of Injury or Illness & Mechanism of Injury	<p><i>Brief Summary of Injury or Illness</i>  <i>(Ex: Unconscious, Struck by Falling Tree)</i></p>																								
Transport Request	<p><i>Air Ambulance / Short Haul/Hoist</i>  <i>Ground Ambulance / Other</i></p>																								
Patient Location	<p><i>Descriptive Location &amp; Lat. / Long. (WGS84)</i></p>																								
Incident Name	<p><i>Geographic Name + "Medical"</i>  <i>(Ex: Trout Meadow Medical)</i></p>																								
On-Scene Incident Commander	<p><i>Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)</i></p>																								
Patient Care	<p><i>Name of Care Provider</i>  <i>(Ex: EMT Smith)</i></p>																								
<p><b>3. INITIAL PATIENT ASSESSMENT:</b> Complete this section for each patient as applicable (start with the most severe patient)</p> <p>Patient Assessment: See IRPG page 106</p> <p>Treatment:</p>																									
<p><b>4. TRANSPORT PLAN:</b></p> <p>Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:</p> <p>Helispot / Extraction Site Size and Hazards:</p>																									
<p><b>5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:</b></p> <p><i>Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication</i></p>																									
<p><b>6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Function</th> <th>Channel Name/Number</th> <th>Receive (RX)</th> <th>Tone/NAC *</th> <th>Transmit (TX)</th> <th>Tone/NAC *</th> </tr> </thead> <tbody> <tr> <td>COMMAND</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AIR-TO-GRND</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TACTICAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *	COMMAND						AIR-TO-GRND						TACTICAL					
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AIR-TO-GRND																									
TACTICAL																									
<p><b>7. CONTINGENCY: Considerations:</b> If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.</p>																									
<p><b>8. ADDITIONAL INFORMATION:</b> Updates/Changes, etc.</p>																									
<p><b>REMEMBER:</b> Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.</p>																									