


INCIDENT OBJECTIVES	1. Incident Name	2. Date Prepared	3. Time
	Bean Complex	07/02/22	1900
4. Operational Period			
Day Operations: 0700 - 2300			
<p>Strategic Framework: 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>Management Objectives:</p> <ul style="list-style-type: none"> - Provide for the safety of firefighters, public, and aviation resources. - Utilizing the Risk Assessment Process, evaluate all actions prior to engagement. - Develop strategic plans that identify management action points for point protection of values at risk and evacuation efforts. - Maintain and enhance relationships with communities, cooperators, and the public. Ensure the public is informed on the current situation. - Utilize resource advisors when using heavy equipment and retardant applications during suppression actions and repair. - Follow agency and community COVID guidelines to minimize the threat and spread of COVID 19 and other infectious viruses. <p>Operational Period Command Emphasis:</p> <p>Control Objectives:</p> <ol style="list-style-type: none"> 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. 2. Incident #327 (Hutlinana) is a full suppression effort. Adequately staff Incident #327 to contain, control, and call out. 			
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	Div. Assignment Lists - ICS 204	X	Safety Message
X	Communications Plan - ICS 205	X	LCES - ICS 215A
X	Medical Plan - ICS 206	X	Weather Forecast
X	Air Operation Summary - ICS 220	X	Fire Behavior
X		X	Finance Message
X		X	Dutch Creek Protocol
X		X	Phone List
X		X	Incident Map(s)
X		X	Unit Log
Prepared by Planning Section Chief Mike Crawford		Approved by Incident Commander 	

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

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



INCIDENT Weather Forecast



FORECAST NO: 2
PREDICTION FOR: Saturday
SHIFT DATE: 07/02/22
FORECAST ISSUED: 07/01/22 at 1900 AKDT

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

*****Red Flag Warning in effect through this Evening*****

WEATHER DISCUSSION:

Another heads up day, as hot and dry conditions prevail, with isolated to widely scattered showers and thunderstorms expected during the afternoon and evening, possibly continuing into late tonight. High temperatures will be pushing into the 80s with minimum RH down into the upper 20s and 30s, with light and variable winds becoming more southerly in the afternoon. Thunderstorms will be a mix of wet and dry, with gusty and erratic winds possible. Lows in the 50s, moderate to good RH recoveries and light winds will prevail tonight. Sunday will be a couple degrees cooler, with humidity a little higher, but with continued chances for afternoon/evening thunderstorms.

Today:

WEATHER: Partly cloudy in the morning with increasing clouds in the afternoon. Isolated to widely scattered showers and thunderstorms, mainly after 1400 AKDT. Gusty and erratic winds are possible with the thunderstorms.

TEMPERATURES: Highs 78 to 83. Little to no change.

HUMIDITY: Minimum 28 to 34 %. Little to no change.

20 FT WINDS:

RIDGETOP - Light and variable in the morning becoming southerly 4 to 8 mph in the afternoon.

SLOPE/VALLEY - Light and variable in the morning becoming southerly 3 to 7 mph in the afternoon. Gusty and erratic winds possible near thunderstorms.

FWI (From Manley Hot Springs): 32 (Very high to extreme)

CHANCE OF WETTING RAIN (> .10): 5% **LAL:** 4

STABILITY/INVERSION: Weak to Moderate inversion breaking around 1000-1100 AKDT.

OUTLOOK FOR TONIGHT:

Partly cloudy. Isolated to scattered showers and thunderstorms in the evening. Shower and thunderstorm activity may linger into the overnight. Low temperatures 50 to 58 degrees. RH recoveries 70 to 85 %, highest along the valley bottoms. Southerly 3 to 7 mph in the evening becoming light and variable overnight. Inversion begins to form 2200-2300 AKDT.

OUTLOOK FOR SUNDAY:

Partly cloudy with increasing clouds in the afternoon. Isolated to scattered showers and thunderstorms possible in the afternoon and evening. High temperatures 75 to 80 degrees. RH minimums 32 to 39 %. Light and variable winds in the morning, becoming southwesterly 3 to 8 mph in the afternoon.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 4	TYPE OF FIRE: Wildland
FIRE NAME: Bean Complex	OPERATIONAL PERIODS: July 2, 2022
DATE ISSUED: July 1, 2022	TIME ISSUED: 2000
UNITS: Alaska Fire Service – Tanana Zone	

WEATHER SUMMARY: See Weather Forecast in IAP
 Very warm and dry, possible thunderstorm development again today and tomorrow


FUELS:

GENERAL: Primary timber fuel types are black and/or white spruce, mixedwood, and hardwoods. Fuels in recently burned areas (3 to 20 years) are likely to consist of grasses, brush, and spruce reprod. Due to recent unseasonably warm and dry weather, general fuel conditions are much drier than average for both live and dead fuels. All fuels are available to burn at varying intensity and rates of spread, including dense hardwood stands that have previously been considered as barriers. A fuels and fire behavior advisory for *exceptional landscape flammability* has been issued.

GENERAL/Potential:

TODAY: Throughout the fire area, expect active to periodic extreme fire behavior after inversion burns off and relative humidity reaches < 40%. Thunderstorm outflow winds may suddenly increase observed fire behavior and/or change spread direction. As duff continues to dry, fires are burning deeper into duff layers. Shading from dense smoke and/or cloud cover may temporarily cool temperatures, raise relative humidity, and moderate observed fire behavior.

Local Fire Danger indices are at *daily and seasonal maximums* and continue to trend slightly upward.

<u>Max Spotting Distance</u> 0.1 to 0.25 mile <u>Probability of Ignition</u> 50-70%	<u>Fuel Type/Model</u>	<u>Maximum Rate of Spread</u>	<u>Maximum Flame Length</u>
 Torching will be common, periodic crown runs probable	Boreal Spruce	Head 0.3 to 0.5 mi/hr Flank 10-20 ft/min	Head 15-25 ft Flank 10-15 ft
	Mixedwood (Mixed Hardwoods/Conifers)	Head 20-30 ft/min Flank 10-15 ft/min	Head 10-15 ft Flank 6-10 ft
	Standing Grass (Recent burned areas)	Head 20-30 ft/min Flank 10-15 ft/min	Head 5-10 ft Flank 2-5 ft

SPECIFIC:

- 310:** Fuels are mixed along rivers and observed fire behavior will be mostly backing with frequent torching. Spruce will torch easily and any torching near the Tolovana River is likely to loft embers increasing spotting potential near potential containment features. Fuels are burning intensely and deeply, even in live fuels.
- 315:** Expect continued primary spread direction to the south and southeast through available fuels. Backing and flanking are likely around areas of heat with frequent single tree and group torching. Periodic crown runs are possible in the afternoon and evening, especially if thunderstorms develop over the area.
- 312:** Available fuels will likely encourage continued spread around and to the south of Bitzshitini Mountains. Fuel type and continuity are more variable east and west of the fire resulting in “fingery” spread directions and variable rates of spread.
- 343:** Fire is currently located entirely within 2018 burned area. Active fire behavior and moderate spread potential.
- 327:** No new heat noted. Minimal fire behavior with interior smoldering.

AIR OPERATIONS:

Smoke may impact aviation travel to and from the incidents as well as over the incidents. Strong outflow winds are possible miles away from developed thunderstorms.

SAFETY:

As fire burn deeply into duff layers watch for green trees to fall as root support structures are weakened by ground fire.

DIVISION ASSIGNMENT LIST		1. Branch I	2. Division/Group #312 (DIV A)				
3. Incident Name Bean Complex		4. Operational Period Date: July 2, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson		Division/Group Supervisor	Jeff Neil (SAT Phone 8816-514-02467)			
Operations Chief (Planning)	Jon Larson		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	Fischer	4				
2.	SMKJ	McCall	4				
3.	SMKJ	Ortlund	12				
4.							
5.	C - 6 T2IA Dillon Interagency Module A	Wagely	10				
6.							
7.	O- 7 TFLD	Lane	1				
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							
16.							
17.							
18.							
19.							
7. Control Operations Point Source Protection							
8. Special Instructions. Structure protection on cabins south and east of #312 Fire. Recon cabins north of the #312 fire, by air.							
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 7/1/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch I	2. Division/Group #315 (DIV D / DIV G)				
3. Incident Name Bean Complex		4. Operational Period Date: July 2, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson	Division/Group Supervisor	DIV D - Ken Foss (SAT Phone 8816-514-02334) DIV G - Seth Merritt (SAT Phone 8816-514-00503) / Kurt Stich(T)				
Operations Chief (Planning)	Jon Larson	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.	DIV D	Foss	1				
2.	SMKJ	Hayes	12				
3.	SMKJ	Langhorst	8				
4.	C - 6 T2IA Dillon Interagency Module B	Racicot	10				
5.	O - 4 TFLD	Walters	1				
6.							
7.	BTOP (E-3 Boat, E-4 Trailer)	Yeager	1				
8.	BTOP	Freemont	1				
9.							
10.							
11.							
12.	DIV G	Merritt/Stich (T)					
13.	SMKJ	O'Connor	4				7/3
14.	C- 2 HC1 Midnight Sun IHC	Culbertson	16				7/11
15.	BTOP	Behr	1				
16.							
17.	O - 10 SOF2	Libercajt	1				
18.							
19.							
7. Control Operations Point Source Protection							
8. Special Instructions. DIV D (Foss) – Provide structure protection to 10 cabins south of #315. Continue mop up 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. Scout cabin to the west.							
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 7/1/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch I	2. Division/Group #343 (DIV K)				
3. Incident Name Bean Complex		4. Operational Period Date: July 2, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson	Division/Group Supervisor	Spanarella (SAT Phone 8816-514-02162)				
Operations Chief (Planning)	Jon Larson	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	8				
2.	C - 7 IHC Vale Squad A	Heitz	10				7/6
3.							
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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. 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: 7/1/22	Time: 1900

DIVISION ASSIGNMENT LIST		1. Branch II		2. Division/Group #310 (DIVs N, Q, T)			
3. Incident Name Bean Complex		4. Operational Period Date: July 2, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson	Division/Group Supervisor	Rob Gubser (SAT Phone 8816-514-02344) Mandi Shoaf(T)				
Operations Chief (Planning)	Jon Larson	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.							
2.	Deadman's Lake (DIV Q)						
3.	SMKJ	Whittemore	4				
4.	C - 1 HC1 Flathead IHC	Borgen	24				
5.	Agency Zodiak	Butterfield	1				
6.							
7.							
8.	Roadhouse (DIV T)						
9.	C - 7 IHC Vale Squad B	Castro	10				
10.	BTOP	Williams	1				
11.							
12.	#327 (DIV N)						
13.	SMKJ	Wieborg	2				7/3
14.	C- 2 HC1 Union IHC	Johnson	21				7/3
15.	C- HC1 Redmond IHC	Mason	23				7/6
16.	C- 5 HC2 K River	Sam	19				
17.	O-6 TFLD	Ashcraft	1				
18.	O - SOF2	Murrin	1				
19.	O- 36 TFLD (T)	Yancey	1				
7. Control Operations Deadman's Lake – Complete point source protection on all cabins. Roadhouse – Continue to mop up around structures to secure perimeter. #327 – Secure and 100% mop up.							
8. Special Instructions. Backhaul all unnecessary equipment. #327 - Catalogue all equipment by type, location, and equipment #.							
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 7/1/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch II	2. Division/Group Boat Group				
3. Incident Name Bean Complex		4. Operational Period Date: July 2, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson		Division/Group Supervisor	Joe Parr			
Operations Chief (Planning)	Jon Larson		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.	BTOP (E-14)	Bredeman	1				
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3.							
4.							
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19.							
7. Control Operations Provide logistical and crew transport to fires #315 and #310 from Manly Hotsprings 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 7/1/22	Time 1900

INCIDENT NAME: Bean Complex	OPS PERIOD DATE: 07/01/2022	START TIME: 1000	END TIME: 2300	SUNRISE: 0305	SUNSET: 0043 (6/29)
Risk Assessment Mitigations, Special Instructions, and Remarks: Assess Risk Daily: assess visibility, weather, complacency, communications, fatigue, etc. – Make informed risk acceptance decisions.		Helibase Info: Manley Helibase N64°59.47' X W150°38.58' (275' msl)	TFR Info: NO TFR	Medevac or Extraction Order through Dispatch: 907-356-5555	
Flight Follow (FF) with ATGS or Helibase					
ALWAYS MONITOR PRIMARY A/G					
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#/ AIRTANKERS- order through Air Attack
AOBD (planning)	Ted Hass	541-646-1318	Air/Air Primary	AM	125.8500	125.8500	
HEB Manley	Mark Hocken	907-388-5342	Air/Air Secondary	AM	121.0500	121.0500	
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	
HMGB 920	Connie Stickel	907-687-1863	A/G Zone	FM	166.6375	166.6375	
HMGB 5AE	Jenna Scott	907-388-1547	Zone Air/Air	AM	128.4500	128.4500	
Helibase	Manley	907-388-5342					
Zone UAO	Jason Brooks Craig Utter	907-482-0738 208-315-3251	Air Guard	FM	168.625	168.625 (110.9)	
UYT Dispatch	Aircraft Desk	907-356-5553					

ALL CTRs & Cost Summary to finance:

Air Attack Platforms
 AA610 – N586DV
 AA617 – N721TB

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						
N405AE	3	AS350 B3	Manley	1000	Recon, Bucket, longline						
212HP	2	Bell 212	Manley	1400	Recon, logline, bucket						


INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

Controlled Unclassified Information//Basic

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:	
BEAN COMPLEX		Date: 07/01/2022	Date/Time From: 07/02/2022 0700	Date/Time To: 07/02/2022 2300	SAT
		Time: 1800			SAT

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		169.5375 N	123.0	164.7125 N	123.0	A	
	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 AVG 1		166.6375 N		166.6375 N		A	
	12	COMMAND	RED		168.5625 N		168.5625 N		A	LOCAL DISPATCH
	13	TACTICAL	WEATHER		162.5500 N					NOAA
	14	AIR TO GROUND	AVG PRI		171.5500 N		171.5500 N		A	
	15	AIR TO GROUND	AVG SEC		171.7250 N		171.7250 N		A	
	16	AIR GUARD	GUARD		168.6250 N		168.6250 N	110.9	A	

5. Special Instructions:

6. Prepared By	(Communications Unit Leader)	Name: KEVIN ZURFLUH
ICS 205	IAP Page	Signature: 
		Date/Time: 07/01/2022 1800

Bean Complex 7/2/2022

SMJ personnel groups w/ SAT Phones

#310/#327 - Deadman Lake

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

#310/#327 - Roadhouse

#315

O'Conner +3 (SAT Phone # 8816-5140-5677)

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

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

#312

McCall +3 (SAT Phone # 8816-224-90885)

Fischer +3 (SAT Phone # 8816-514-05630)

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

SMOKE

Incident: Bean Complex

Date: July 2, 2022

Shift: Day

Smoke is not our friend. Yes, heavy smoke laying in can moderate fire behavior by shading out fuels. Moderated fire behavior may allow us to be more effective in meeting control objectives. However, smoke also has negative effects on our ability to work the fire SAFELY because we lose some situational awareness due to poor visibility. Smoke can also affect our health.

Heavy Smoke reduces your ability to:

- See the main body of the fire (Watchout #12, Fire Order #2, 3)
- See while driving/flying/boating.
- Effectively scout new areas (Watchout #1, 2).
- Establish lookouts (Watchout # 17, Fire Order #5).
- Identify new, and navigate previously established, escape routes (Lookout #17, Fire Order #4).
- Detect and mitigate hazard trees, and other hazards (Watchout #5).

The mitigation for these reductions in SA is to slow down. On the line, take the time - and make the extra effort- to gather the SA that allows you to engage in a safe and effective way. As smoke increases, aviation resources in the air should continually assess if they are still in VFR parameters, and still operating within safe visual conditions.

Smoke exposure increases the chances for short-term and long-term illnesses. Immediate exposure to very heavy smoke can lead to varying levels of carbon monoxide (CO) toxicity which affects mental processing speed. Personnel experiencing CO poisoning may be groggy, confused, have trouble speaking, may speak in “word salad”, and exhibit physical coordination problems. If not removed from acute CO exposure, personnel can lose consciousness and develop long term brain injury or die. CO toxicity is cumulative- it builds up in the blood over time, slowing the oxygen uptake and delivery necessary for brain and body function.

Short term smoke- caused illnesses include asthma, irritated airways- which can lead to “Camp Crud” and eventually can lead to more significant illnesses like pneumonia.

Long term exposure can result in development of life-threatening diseases like cancers.

Mitigation for smoke exposure is to reduce it as much as we can. We are in the wildland fire business and smoke exposure is part of the business. However, we can take steps to reduce exposure. The IRPG (pg. 30) discusses smoke exposure and provides some potentially helpful strategies and tactics to help reduce personnel exposure to smoke.

Incident Safety Officers: Matt Broyles (ICP) 541 591 6151 and Kris Croddy 907 378 4479



SPECIAL BOAT AND CHAINSAW OPERATIONS SAFETY GUIDELINES

BEAN COMPLEX - UPDATED 6/29/2022

LEADER'S INTENT: To provide additional guidance for using chainsaws while in inflatable boats for opening waterways for boat passage.

Existing Applicable Guidance

1. The boat use Risk Management Assessment will be reviewed by all supervisors overseeing boat /saw combo operations. Supervisors are responsible for boat operations procedures compliance.
2. The chainsaw Risk Management Assessment will be reviewed by all supervisors overseeing boat /saw combo operations. Supervisors are responsible for chainsaw operations procedures compliance.

Hazards and Mitigations

Prepared by Matt Broyles- SOF2, IMT NW-7

Hazard and Injury Potential	Mitigations
Saw perforates tube of boat, boat sinking. Potential for drowning. Potential for remote stranding and hypothermia.	Place (and secure with straps and or duct tape) extra chaps, limbs, or wood- based guard material on top surface of tubes within reach of saw bar. Designate and set up one boat as the saw boat. Saw boat should be staffed with a boat operator, sawyer and (if necessary) a swamper only. Saw boat should be followed by at least one other boat having enough passenger capacity to accommodate all staff from saw boat in the event saw boat sinks or becomes inoperable due to puncture(s)
Sawyer loses balance and falls into boat with saw chain running. Potential for saw cuts to sawyer, swamper, boat, and boat operator	Saw boat should be staffed with a boat operator, sawyer and (if necessary) a swamper, only. If swamper is used, swamper should be out of the swing zone of the saw bar to the extent possible to do the job of swamping the cut material. If sawyer loses balance and is falling towards operator or swamper and saw chain is running, sawyer should either attempt to apply the chain brake or jetison the saw safely either in a safe location within the boat, or into the water. Saving the saw is not worth an injury to personnel.
Sawyer loses balance and falls into water with saw chain running. Potential for saw cut injury to sawyer, swamper, boat, and boat operator. Potential for saw to weigh sawyer down in deep water resulting in drowning.	To avoid entanglement with the saw in the event the sawyer ends up in the water with the saw (running or not) the sawyer should not be tethered to the saw in any way. If falling in, the sawyer should attempt to apply the chain break and/or jetison the saw as far as possible from the boat and themselves. Saving the saw is not worth potential injury and/or drowning.
Sawyer loses balance and falls into water with saw chain stopped. potential for saw to weigh sawyer down in deep water resulting in drowning.	To avoid entanglement with the saw in the event the sawyer ends up in the water with the saw (chain running or not) the sawyer should not be tethered to the saw in any way. If falling in, the sawyer should jetison the saw. Saving the saw is not wofrth potential drowning.

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#_YMMDD or ST_RO#_YMMDD

Example: CTR_C3_220628

- For multiple days on one CTR or Shift Ticket, please use this format: CTR_RO#_YMMDD_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

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

Addresses

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 Contact Information

Facilities Unit
907-388-2746
Medical Unit
907-370-7108
Air Support
907-388-5342

Supply / Food Units
907-388-2867
Safety Officer
907-378-4479
Security Unit
907-750-1800

ORDERING INSTRUCTIONS

All orders should be placed through.

Ordering Manager 541-690-9245, or

Beam Communications 907-388-7148, or

Radio to Bean Communication, or

Email on GM-213 Form to 2022.bean.ordering@firenet.gov

PARA CARGO ORDERING INSTRUCTIONS

When placing a paracargo order, provide the following information to Bean Communication or Ordering:

Need Date / Time

Drop Zone (DZ) name

Drop Zone coordinates (latitude x longitude in decimal minutes),

Ground Contact (GC) name, and Ground Contact frequency (A/G).

Team 7 Line Supply Order		Foo Foo complex		Order #			
OSC/Division Supervisor only		Delivery Method					
Date & Time Order Placed		(Division, Drop Point, Heli Spot, Lat/Long)		(Driver, Heli, DIVS pickup)			
Order received in Communications (name & time)		Ordered by (name and Position)					
Order received in Supply by (name & time)		Ground Contact					
Order received in Transportation by (name & time)		Contact Freq.					
Order received in Helibase by (name & time)		Special Instructions/line length/ elevation					
Order shipped to line by (name & time)							
#	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							

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
Public Information Officer (V)	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 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



ANDY PALMER-DUTCH CREEK MEDICAL EVACUATION INFORMATION AND AIRCRAFT MISHAP RESPONSE AND REPORTING INFORMATION

BEAN COMPLEX - UPDATED 6/29/2022

LEADER'S INTENT: To provide **approximate** travel times, emergency response, and emergency response notification procedures for fires within the complex to where advanced care can be provided.

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

1. On- scene incident commander 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 that the information appears on the form and request any resources needed for the extraction.
2. Bean communications will notify C and 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 assigned resources to perform the extraction of the patient(s) from the line and either:
 - A. Deliver the patient(s) to Manley Airstrip 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.

Team Safety officer at Manley will consult with medical personel at Manley and determine the need to request lifeflight fixed wing to respond to Manley airstrip. **75 to 95 minutes to get lifeflight plane to Manley air strip from time UYT dispatch notifies lifeflight of order.**

Team 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.
4. Provide any information from the 8 line that dispatch requests.



**ANDY PALMER-DUTCH CREEK MEDICAL EVACUATION INFORMATION AND
AIRCRAFT MISHAP RESPONSE AND REPORTING INFORMATION**

Team Safety in Manley will notify IC, or Deputy IC, or IC(t) at earliest opportunity without delaying care or transport of the patient(s)

Incident	Destination	
	Manley Airstrip Round trip rotor time from incident to Manley (includes spool up and 10 minutes for patient loading.)	Fairbanks One way rotor flight time from incident to Fairbanks Memorial Hospital (includes 10 minutes patient load time at incident)
310	Fly direct to Fairbanks Memorial Hospital from incident → (45 minutes to spool and fly from Manley to incident)	45 minutes
312	2 hours 20 minutes	
315 North end	1 hour 45 minutes	
315 South end	1 hour 55 minutes	
327	1 hour 10 minutes	
343	No personnel assigned at this time- monitor status only	
366	No personnel assigned at this time- monitor status only	



ANDY PALMER-DUTCH CREEK MEDICAL EVACUATION INFORMATION AND AIRCRAFT MISHAP RESPONSE AND REPORTING INFORMATION

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.
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 via cell phone text list.
2. Place call to UYT dispatch (1 800 237- 3652, and ask for the floor coordinator) and relay that a mishap has occurred, and info. from initial size up. UYT dispatch, not Bean comm. will call national mishap hotline.
3. Prepare to receive 8 Line information from on scene personnel.

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

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

Field Operations and Air Operations at Manley: Upon notification of mishap and receipt of the initial size up, coordinate with medical personnel at Manley. Then direct/assign/divert incident resources as necessary to:

1. Facilitate rescue and transport to care of survivors as per team procedures (see above)
2. Extraction (and replacement as necessary) of on scene personnel to meet incident objectives.

Medical Plan ICS-206

Incident/Project Name	Operational Period
Bean Complex	Date/Time July 2, 2022 0700-2300

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

Branch	Division	Group	Radio Designator	Name	Capabilities
ICP			MEDL	Bill Howell	
Manley Hot Springs			MEDL-T	Kasey Austin Kirk EMPF, Wilson EMTF	
Approved HeliSpots			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			Div K Manley Helibase Fire 327 H-71	Div Q fire 310 H-81, H-82	
Prepared By (MEDL)	Date	Reviewed By (Safety)	10. Date		
/s/ Bill Howell MEDL	7/1/22	/s\ Matt Broyles	7/1/22		

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

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

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.