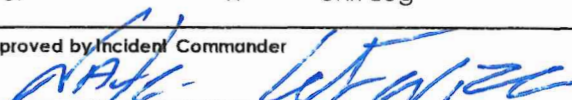


INCIDENT OBJECTIVES	1. Incident Name	2. Date Prepared	3. Time
	Bean Complex	07/04/22	1900
4. Operational Period Day Operations: 0700 - 2300			
<p>Strategic Framework: Implement point protection and full suppression strategies on the Bean Complex fires to protect values at risk including human safety, 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		LCES - ICS 215A
X	Medical Plan - ICS 206	X	Weather Forecast
X	Air Operation Summary - ICS 220	X	Fire Behavior
		X	Finance Message
		X	Dutch Creek Protocol
		X	Phone List
		X	Incident Map(s)
		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 4, 2022	3. Time Prepared 1800
4. Operational Period July 5, 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, Don Ferguson
Liaison	Shawn Christianson, Omar Ortiz (T),
6. Agency Representatives	
Agency	Name
Alaska Div. of Forestry	Nick Carter
BLM Tanana Zone FMO	Brandon Petersen
BIA	Tom St. Clair
BLM	Tim LaMarr
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 Totten (V), Cameron Heirring (T)
Ground Support Unit	Joe Keady, Casey Glade
COML	Kevin Zurfluh
COMT	Mike Merrick
Food Unit	Kristy Naughton
Security Manager	Mark Suba, Luke Johnson (T)
Medical Unit	Bill Howell, Mariann Turley (T)

9. Operations Section	
OPS Section Chief	Jon Larson, Jeff Bortner (T)
OPS Section Chief (Strategic Ops)	Trevor Wallace
a. Branch I	
Branch Director	Steve Bacigalupo, Scott Coulson (T)
Division	A Jeff Neil
Division	D Ken Foss
Division	G Seth Merritt, Kurt Stich (T)
b. Branch II	
Branch Director	Cindi Tonasket-Ebel
Division	K John Spanarella
Division	N,Q,T Rob Gubser, Mandi Shoaf (T)
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: 5
PREDICTION FOR: Tuesday
SHIFT DATE: 07/05/22
FORECAST ISSUED: 07/04/22 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 Tonight*****

WEATHER DISCUSSION:

Persistent high pressure over Interior Alaska will begin to slowly slide east on Tuesday, with a continued decrease in temperatures, and humidity values a bit higher than previous days. Moisture moving in from the south will bring additional chances for afternoon/evening showers and thunderstorms. The chance for a wetting rain remains relatively low, and thunderstorms will be capable of gusty and erratic winds. A Red Flag Warning for abundant lightning on dry fuels is in effect through midnight tonight. Expect lows mainly in the 50s tonight, with good RH recoveries and light winds prevailing. Wednesday will feature similar conditions, with temperatures a degree or two warmer, and additional chances for late day showers and thunderstorms.

Today:

WEATHER: Partly cloudy in the morning with increasing clouds in the afternoon . Isolated to widely scattered showers and thunderstorms, mainly after 1600 AKD. Gusty and erratic winds are possible with the thunderstorms.

TEMPERATURES: Highs 71 to 77. Down 1 to 3 degrees.

HUMIDITY: Minimum 42 to 48 %. Up 3 to 7 %.

20 FT WINDS:

RIDGETOP - Light and variable in the morning becoming west 4 to 10 mph in the afternoon.

SLOPE/VALLEY - Light and variable in the morning becoming west 3 to 8 mph in the afternoon.
 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 1000-1100 AKDT.

OUTLOOK FOR TONIGHT:

Mostly cloudy. Isolated to widely scattered showers and thunderstorms in the evening, diminishing overnight. Low temperatures 50 to 58 degrees. RH recoveries 75 to 95 %, highest along the valley bottoms. West 3 to 8 mph in the evening becoming light and variable overnight. Inversion begins to form 2200-2300 AKDT.

OUTLOOK FOR WEDNESDAY:

Partly cloudy. Increasing clouds in the afternoon . Scattered showers and thunderstorms possible in the late afternoon and evening. High temperatures 73 to 79 degrees. RH minimums 40 to 47 %. Southwest to west winds 3 to 8 mph.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: Wildland
FIRE NAME: Bean Complex	OPERATIONAL PERIOD: July 5, 2022
DATE ISSUED: July 4, 2022	TIME ISSUED: 2000
UNITS: Alaska Fire Service – Tanana Zone	FBAN: Brett Smith

WEATHER SUMMARY: See Weather Forecast in IAP

Slight cooling, 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. A fuels and fire behavior advisory for *exceptional landscape flammability* has been issued.

GENERAL/Potential:

TODAY: Throughout the fire area, the potential for active to periodic extreme fire behavior is slightly reduced but continues to exist. Extreme fire behavior is unlikely today except in the presence of strong winds, which are possible around thunderstorms. Weather forecasts suggest smoke coverage and density may lessen today allowing solar radiation to reach surface fuels and promote further drying. Previous areas of heat may become visible or active again. New ignitions from recent lightning may become detectable as visibility improves.

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

<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 are possible near thunderstorms	Boreal Spruce	Head 0.2 to 0.4 mi/hr Flank 10-15 ft/min	Head 15-20 ft Flank 10-15 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 areas)	Head 15-25 ft/min Flank 5-10 ft/min	Head 5-10 ft Flank 2-5 ft

SPECIFIC:

310: Fuels are mixed along rivers. Observed fire behavior will likely include backing and flanking with torching - increasing spotting potential near potential containment features. Fuels are burning relatively intensely (even live fuels) and following available fuels around riparian areas. Areas of topography and spruce forests may exhibit active fire behavior with high resistance to control efforts.

315: Pockets of heat are scattered around the perimeter. Southern and western portions of the fire may have received light precipitation that are likely to moderate fire behavior for a short time. Areas of recent heat are likely to become visible and/or active again after surface fuels dry.

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. Steady growth is probable southwestern portion of the fire.

343: Fire is located entirely within a recently burned area containing widely varying fuel type and condition. Active fire behavior and moderate spread is possible for portions of the fire that did not receive any recent precipitation.

327: No new heat noted. Minimal fire behavior with interior smoldering.

AIR OPERATIONS:

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

SAFETY:

With changing weather conditions expected, make sure effective communications are in place.

DIVISION ASSIGNMENT LIST		1. Branch I	2. Division/Group #312 (DIV A)				
3. Incident Name Bean Complex		4. Operational Period Date: July 5, 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	Fischer	4				7/5
2.	SMKJ	McCall	4				7/5
3.	SMKJ	Ortlund	12				7/11
4.	C-6 T2IA Dillon Interagency Module B	Racicot	10				7/14
5.							
6.	O - 24 WFM Eagle Cap	Hale	9				7/15
7.	O- 7 TFLD	Lane	1				7/13
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.							
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 7/4/22	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 5, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
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)			
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.	DIV D	Foss	1				7/9
2.	SMKJ	Hayes	12				7/7
3.	SMKJ	Langhorst	8				7/13
4.							
5.	E-3 BTOP (E-4 Trailer)	Yeager	1				7/11
6.	E - 33 BTOP	Freemont	1				7/10
7.							
8.							
9.							
10.							
11.							
12.	DIV G	Merritt/Stich (T)					7/16
13.	O-39 Olympic WFM	Peach	10		Phone 360 912 1146		7/15
14.	E-1 BTOP	Behr	1				
15.	BTOP (SMKJ)	Connely	1				7/10
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.							
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 7/4/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch I	2. Division/Group #343 (DIV K)				
3. Incident Name Bean Complex		4. Operational Period Date: July 5, 2022 Time: Day 0700 - 2300					
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.	C - 7 IHC Vale Squad A	Heitz	10				7/6
3.	O - 25 Grass Lake	Johnson	10				7/15
4.							
5.							
6.							
7.							
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18.							
19.							
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 7/4/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch	2. Division/Group				
		II	#310 (DIVs N, Q, T)				
3. Incident Name Bean Complex		4. Operational Period Date: July 5, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson / Jeff Bortner (T)		Division/Group Supervisor	Rob Gubser (SAT Phone 8816-514-02344) Mandi Shoaf(T)			
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.	#327 (DIV N)						
2.	C- 1 HC1 Redmond IHC	Mason	23				7/6
3.	C- 5 HC2 K River	Sam	19				7/12
4.	A-13 UAS R31	Hatfield	4				7/7
5.	O-6 TFLD	Ashcraft	1				7/13
6.	O- 36 TFLD (T)	Yancey	1				7/7
7.	O - 11 SOF2	Murrin	1				7/13
8.							
9.	Deadman's Lake (DIV Q)						
10.	SMKJ	Whittemore	1				7/8
11.	C - 1 HC1 Flathead IHC	Borgen	24				7/17
12.	E-3 Agency Zodiac	Butterfield	1				7/11
13.							
14.	Roadhouse (DIV T)						
15.	C- 2 HC1 Midnight Sun IHC	Culbertson	16				7/11
16.	C - 6 T2IA Dillon Interagency Module A	Wegley	10				7/13
17.	C - 7 IHC Vale Squad B	Castro	10				7/6
18.	E-20 BTOP	Williams	1				
19.	O - 4 TFLD	Walters	1				
7. Control Operations							
<p>#327 - Secure and 100% mop up.</p> <p>Deadman's Lake - Complete point source protection on all cabins. Continue to work on indirect line.</p> <p>Roadhouse - Continue to mop up around structures to secure perimeter.</p>							
8. Special Instructions.							
<p>#327 - Catalogue all equipment by type, location, and equipment #.</p> <p>Backhaul all unnecessary equipment. 300' cold trail around all structures.</p>							
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 7/4/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch II	2. Division/Group Tanana Boat Group				
3. Incident Name Bean Complex		4. Operational Period Date: July 5, 2022 Time: Day 0700 - 2300					
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.							
3.							
4.							
5.							
6.							
7.							
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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 7/4/22	Time 1900

INCIDENT NAME: Bean Complex	OPS PERIOD DATE: 07/05/2022	START TIME: 1000	END TIME: 2300	SUNRISE: 0315	SUNSET: 0035(7/6)
Risk Assessment Mitigations, Special Instructions, and Remarks: Assess Risk Daily: assess visibility, weather, complacency, communications, fatigue, etc. – Make informed risk acceptance decisions. Flight Follow (FF) with ATGS or Helibase ALWAYS MONITOR PRIMARY A/G		Helibase Info: Manley Helibase N64°59.47' x W150°38.58' (275' msl) Unicom: 122.8	TFR Info: NO TFR	Medevac or Extraction Order through Dispatch: 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	AIRTANKERS- order through Air Attack
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	ALL CTRs & Cost Summary to finance:
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)	Air Attack Platforms AA610 – N586DV AA617 – N721TB
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	763AE	3	AS350 B3	LADD	1000	Recon, PAX, longline
N405AE	3	AS350 B3	Manley	1000	Unavailable to Bean						
212HP	2	Bell 212	Manley	1000	Recon, logline, bucket						

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

Controlled Unclassified Information//Basic

1. Incident Name:			2. Date/Time Prepared:			3. Operational Period: 0700 2300				
BEAN COMPLEX			Date: 07/04/2022 Time: 1000			Date/Time From: 07/05/2022 0700 TUE			Date/Time To: 07/05/2022 2300 TUE	
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	TACTICAL	WEATHER		162.5500 N					NOAA
	14	AIR TO GROUND	A/G PRI		171.5500 N		171.5500 N		A	
	15	AIR TO GROUND	A/G 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			Signature: 			
ICS 205				IAP Page			Date/Time: 07/04/2022 1000			

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 July 5, 2022

INCIDENT: Bean Complex

OPERATIONAL PERIOD: Day

Helicopter use for transport of troops and cargo

The pilot in command retains the final authority regarding when conditions are safe to perform any operation.

It is critical that all aviation resources have adequate horizontal and vertical visibility to operate safely. When poor visibility is observed or suspected, include this information when requesting, and when making contact with in-bound aircraft.

The availability of aircraft (i.e. medical extraction helicopters) may be delayed or not available due to limited visibility- plan accordingly. Line supervisors should use the risk management process to decide where they place people and what tasks to do/ not do considering the multi-hour (best case scenario) medical evacuation times and limited availability of medivac ships due to smoke at Manley and/or at the work site on the line. See the medical evacuation travel times table in this IAP.

Use helitack qualified personnel to load and unload all passengers and cargo. Passengers must follow all instructions from pilots and helitack personnel.

Helitack personnel must provide a thorough, aircraft specific, and mission specific, briefing prior to flight.

All internal cargo must be secured in compartments. No loose items in the passenger compartment.

All passengers must wear required PPE- including earplugs.

For transport of fuel and fuel containers follow the Standards for Aviation Safety- Transport of Hazardous Materials document section on fuel transport (one page, attached).

Northwest Team 7 is dedicated to Firefighter Safety – Please notify us of any safety issues or concerns so we can all help Every Firefighter Get Home!

NW-7 safety Officers

Kris Croddy (Manley)

Matt Broyles (ICP)

Philip Bordelon (TBD)

Chapter 2 Flammable and Combustible Liquids

2.1 General Information

Flammable and combustible liquids include all flammable and combustible liquids except those under compression (propane, butane, etc.). These materials may include but are not limited to gasoline, diesel, kerosene, alcohol, white gas (stove fuel), paint, and thinners/solvents.

2.2 Control Measures: Non-Bulk

To transport flammable and combustible liquids in non-bulk containers of 119-gallon capacity or less, the following conditions must be met:

- A. Containers must be specifically designed to carry flammable and combustible liquids and be of sufficient strength to prevent leakage during transportation and handling.
- B. All closures on the containers should be tight and the outside of the container should be free of any residue.
- C. Containers must be filled to a level that allows for expansion due to temperature or altitude and never filled beyond rated capacity.
- D. Containers must be secured in the upright position by tie-down straps or shipped in an outside container that will keep the inner container upright.
- E. Containers that may release vapors must not be transported in unvented aircraft compartments. Baggage compartments in unpressurized aircraft are considered vented compartments (an unpressurized cabin may also be used when it is ventilated to prevent accumulation of harmful vapors).
- F. Flammable and combustible liquids must not be transported in containers unless they are specifically designed for that purpose.
- G. Additional requirements apply to the following containers:
 1. Safety Cans. Safety cans must be transported in vented compartments, secured in the upright position, and filled to a level that allows for expansion (no more than 90% capacity).
 2. Military Jeep Cans (3A1 Jerry cans). Military Jeep Cans must be secured in the upright position and have two inches of air space below the container opening.
 3. Drip Torches. Drip torches (1) must be transported with the igniter nozzle assembly in the tank, air breather valve closed, tank lock ring sealed, and fuel spout plug closed; and (2) must be secured in the upright position. Leave a minimum of two inches of air space below the container opening when filling.
 4. Chainsaw Fuel/Oil Plastic Container (Dolmars). Chainsaw fuel/oil plastic containers must be transported with the pourer spout enclosed within the container with the caps sealed. Ensure seal gaskets or O-rings are intact. The fuel air breather cap must be closed during transportation. Secure in an upright position. Leave a minimum of two inches of air space below the fuel compartment opening when filling.
 5. Sigg Bottles. Sigg bottles must not be transported with a pouring spout in lieu of an unvented cap and must have air space below the container opening (no more than 90% capacity).

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

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 Unit Contact Information

**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

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

Logistics Information

PARA CARGO ORDERING INSTRUCTIONS

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

Team 7 Line Supply Order		Bean Complex OSC/Division Supervisor only		Order #			
Date & Time Order Placed	Deliver To Location/time (Division, Drop Point, Heli Spot, Lat/Long)		Delivery Method (Driver, Helo, 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			

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



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 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.
 - 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 Dispatch Center (1 800 237- 3652, and ask for the floor coordinator) 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 3 hr. 50 min
315 North end	15+40=55	10+40=50	10+45=55	10+20=30	55+50+55+30=190 3 hr. 10 min.
315 south end	15+45=60	10+45=55	10+45=55	10+20=30	60+55+55+30=200 3 hr. 20 min.
Moose Heart Lake	15+35=50	10+35=45	10+45=55	10+20=30	50+45+55+30=180 3 hr. 0 min.
327	15+25=40	10+25=35	10+45=55	10+20=30	40+35+55+30=180 2hr 40 min.
310	15+25=40	Fly rotor direct to helipad at FBK memorial hospital. 40+10+45=95	NO	NO	40+10+45=95 1 hr. 35 min.

Medical Plan ICS-206

Incident/Project Name	Operational Period
Bean Complex	Date/Time: July 5, 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	Level
			Air	GRN		Yes	
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 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			Div. K Manley Helibase	Div. G fire 315 north H-50, H-51, H-52	

Prepared By (MEDL)	Date	Reviewed By (Safety)	10. Date
/s/ Mariann Turley MEDL (T)	7/4/22	/s/ Matt Broyles	7/4/22

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.