


INCIDENT OBJECTIVES	1. Incident Name		2. Date Prepared	3. Time	
	Bean Complex		07/08/22	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	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 		

ORGANIZATION ASSIGNMENT LIST	
1. Incident Name Bean Complex	
2. Date Prepared July 8, 2022	3. Time Prepared 1800
4. Operational Period July 9, 2022 0700 – 2300	
5. Incident Commander and Staff	
Position	Name
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	Bill Hedman
AKDOF	Jeremy Douse
WA DNR	Nancy Barker
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	Phil Darby
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, G Seth Merritt, Kurt Stich (T)
Division	K John Spanarella
b. Branch II	
Branch Director	Cindi Tonasket-Ebel
Division	N,Q Rob Gubser, Mandi Shoaf (T)
Division	T Jesse Kiene
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: 9

PREDICTION FOR: Saturday

SHIFT DATE: 07/09/22

FORECAST ISSUED: 07/08/22 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 Midnight Sunday Night*****

WEATHER DISCUSSION:

Another heads up day with hot and dry conditions in place over the region. Highs in the upper 70s to 80s can be expected, with afternoon RH minimums down into the 20s and 30s and generally light winds. A few isolated showers or thunderstorms are possible late this afternoon and evening, with little to no rain expected. Gusty and erratic winds are the main threat with thunderstorms. Expect lows in the 50s to lower 60s tonight, with moderate to good RH recoveries and light winds prevailing. Hot and dry conditions continue for Sunday, with isolated to scattered showers and thunderstorms possible during the late afternoon and evening.

Today:

WEATHER: Partly cloudy. Isolated showers and thunderstorms possible in the late afternoon, mainly after 1600 AKD. Gusty and erratic winds are possible with the thunderstorms.

TEMPERATURES: Highs 78 to 86. Up 2 to 4 degrees.

HUMIDITY: Minimum 27 to 35 %. Little change.

20 FT WINDS:

RIDGETOP – Light and variable winds becoming west 4 to 8 mph by the afternoon .

SLOPE/VALLEY – Light and variable winds becoming west 3 to 7 mph by the afternoon . Gusty and erratic winds possible near thunderstorms.

FWI (From Manley Hot Springs): 35+ (Very high to extreme)

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

LAL: 2

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

OUTLOOK FOR TONIGHT:

Partly cloudy. Isolated showers and thunderstorms in the evening. Low temperatures 53 to 61 degrees. RH recoveries 70 to 85 %, highest along the valley bottoms. Light and variable winds. Inversion begins to form 2200-2300 AKDT.

OUTLOOK FOR SUNDAY:

Partly cloudy. Isolated to scattered showers and thunderstorms are possible. High temperatures 78 to 86 degrees. RH minimums 30 to 38 %. Southwest winds 3 to 8 mph in the morning, becoming west to northwest 4 to 9 mph in the afternoon.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1 1	TYPE OF FIRE: Wildland
FIRE NAME: Bean Complex	OPERATIONAL PERIOD: July 9, 2022
DATE ISSUED: July 8, 2022	TIME ISSUED: 2100
UNITS: Alaska Fire Service – Tanana Zone	FBAN: Brett Smith

WEATHER SUMMARY: See Weather Forecast in IAP
 *** Warm and very dry this afternoon and evening, possible thunderstorm development again today***


FUELS:

GENERAL: A fuels and fire behavior advisory for *exceptional landscape flammability* is in effect. 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.

GENERAL/Potential:

TODAY: Multiple thresholds for large fire growth potential are forecast to be met or exceeded today. Environmental conditions will support multiple areas of active surface fire behavior with frequent torching across the entire complex. Head fire rates of spread and large fire growth can be expected from even light wind or slope initiated runs in all fuel types. Smoke and smoke shading may moderate fire behavior however fire behavior is likely to respond quickly to increased solar heating. Smoke, possible thunderstorm activity, and relative humidity trends should be monitored closely throughout the day.

Most local Fire Danger indices are well above extreme thresholds and slowly trending up.

<u>Max Spotting Distance</u> 0.1 to 0.25 mile <u>Probability of Ignition</u> 50-70%  Torching will be common, periodic crown runs possible	Fuel Type/Model	Maximum Rate of Spread	Maximum Flame Length
	Boreal Spruce	Head 0.25 to 0.5 mi/hr Flank 20-30 ft/min	Head 20-30 ft Flank 15-20 ft
	Mixedwood (Mixed Hardwoods/Conifers)	Head 0.1 to 0.25 mi/hr Flank 10-20 ft/min	Head 15-20 ft Flank 8-12 ft
	Standing Grass (Recent burned and marsh areas)	Head 0.25 to 0.5 mi/hr Flank 5-10 ft/min	Head 6-12 ft Flank 4-7 ft

SPECIFIC:

310: Highest spread potential is near the northwest and southeast corners of the perimeter. Established fire on slopes may initiate upslope runs, particularly where continuous spruce is present. Spotting distances may be far enough to spot across smaller waterways. Fuels are burning intensely and may be able to follow available fuels around riparian areas.

315/343: Pockets of heat are noted on the west end and scattered around the east half of the perimeter. Primary spread potential will be to the east and southeast. Hot spots to the west are likely to continue backing downslope towards the Chitanana River.

312: High fire danger indices combined with large expanses of available fuels will raise the possibility of large fire growth to the east. Steady growth to the south and southeast are likely to continue. A small area of heat on the west perimeter may steadily back to the west, downslope.

327: No significant fire behavior.

AIR OPERATIONS:

Smoke density and visibility are forecast to be less of a factor but remaining highly variable throughout the day. Thunderstorm formation has been notably quick! Storms may become active quickly after development.

SAFETY:

Recycled for emphasis: Seasonal fire danger indices continue to rise indicating fire is likely to burn deeper into duff layers. Other fires in the area have encountered ash pits – watch for ash pit formation in your area of work!

DIVISION ASSIGNMENT LIST		1. Branch I	2. Division/Group #312 (DIV A)				
3. Incident Name Bean Complex		4. Operational Period Date: July 9, 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 (Strategic Ops)	Trevor Wallace		Air Attack Supervisor				
Branch Director	Steve Bacigalupo / Scott Coulson (T)						
Safety Officer	Matt Broyles / Kris Croddy						
6. Strike Team/Task Force/ Resource Designator							
	Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	Tentative Last Work Day
1.	O - 39 Olympic WFM	Peach	10				7/15
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7. Control Operations Point Source Protection							
8. Special Instructions. Structure protection on cabins south and east of #312 Fire. Hazard tree removal within striking distance of cabins only. 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): Rachel Noonan			Approved by (Planning Section Chief): Mike Crawford			Date 7/8/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch I	2. Division/Group #315 (DIV D / G)				
3. Incident Name Bean Complex		4. Operational Period Date: July 9, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson / Jeff Bortner (T)		Division/Group Supervisor	Seth Merritt (SAT Phone 8816-514-00503) Kurt Stich (T)			
Operations Chief (Strategic Ops)	Trevor Wallace		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						
2.	SMKJ		Hayes	4			7/9
3.	O – 7 TFLD		Lane	1			7/13
4.	E - 3 BTOP (E-4 Trailer)		Yeager	1			7/11
5.	E – 33 BTOP		Freemont	1			7/10
6.	O – 14 SEC1 Bear Guard		Brecht	1			7/14
7.	E-1 Agency Zodiak						
8.							
9.							
10.	DIV G						
11.	O - 24 WFM Eagle Cap		Hale	9			7/15
12.	C – 6 T2IA Dillon Interagency Module B		Racicot	10			7/14
13.	E - 1 BTOP		Behr	1			
14.	BTOP		Conaway	1			7/10
15.	Tracker (Boat)						
16.	Tracker (Boat)						
17.	O – 10 SOF2		Libercajt	1		(SAT Phone 8816 5140 5677)	7/16
18.							
19.							
7. Control Operations Point Source Protection							
8. Special Instructions. DIV D – Provide structure protection to 10 cabins south of #315. Continue mop up 300' around all cabins in DIV D. DIV G – 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.							
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): Rachel Noonan			Approved by (Planning Section Chief): Mike Crawford			Date 7/8/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch I		2. Division/Group #343 (DIV K)			
3. Incident Name Bean Complex		4. Operational Period Date: July 9, 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 (Strategic Ops)	Trevor Wallace		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.	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 fire perimeter 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): Rachel Noonan			Approved by (Planning Section Chief): Mike Crawford			Date 7/8/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch II		2. Division/Group #310 (DIV Q)			
3. Incident Name Bean Complex		4. Operational Period Date: July 9, 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 (Strategic Ops)		Trevor Wallace		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.	SMKJ	Whittemore	1				7/11
2.	C - 1 HC1 Flathead IHC	Borgen	24				7/17
3.	C - 2 HC1 Midnight Sun IHC	Culbertson	16				7/10
4.	C - 6 T2IA Dillon Interagency Module A	Wegley	10				7/13
5.	O - 8 BTOP	Butterfield	1				7/11
6.	E - 3 Agency Zodiak						
7.	O - 4 TFLD	Walters	1				7/15
8.	O - 11 SOF2	Murrin	1				7/20
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7. Control Operations Monitor by air.							
8. Special Instructions							
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): Rachel Noonan			Approved by (Planning Section Chief): Mike Crawford			Date 7/8/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch II		2. Division/Group DIV T			
3. Incident Name Bean Complex		4. Operational Period Date: July 9, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief		Jon Larson / Jeff Bortner (T)		Division/Group Supervisor		Jesse Kiene (SAT Phone 8816-224-87540) Ty Estes(T)	
Operations Chief (Strategic Ops)		Trevor Wallace		Air Attack Supervisor			
Branch Director		Cindi Tonasket-Ebel					
Safety Officer		Matt Broyles / Kris Croddy					
6. Strike Team/Task Force/ Resource Designator							
	Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT/Time	Pick Up PT/Time	Tentative Last Work Day
1.	C - 10 IHC Fulton	Acosta	22				7/19
2.	E - 20 BTOP	Williams	1				
3.	O - 6 TFLD	Ashcraft	1				7/13
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7. Control Operations Evaluate and implement structure protection along Tanana River.							
8. Special Instructions.							
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): Rachel Noonan			Approved by (Planning Section Chief): Mike Crawford			Date 7/8/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch II		2. Division/Group Tanana Boat Group			
3. Incident Name Bean Complex		4. Operational Period Date: July 9, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson / Jeff Bortner (T)			Division/Group Supervisor	Joe Parr		
Operations Chief (Strategic Ops)	Trevor Wallace			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				7/12
2.	E - 39 BTOP	Gurtler	1				7/18
3.	E - 48 BTOP	Edwardson	1				7/17
4.	E - 49 BTOP	Arnold	1				7/18
5.	E - 50 BTOP	Newman	1				7/19
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7. Control Operations Provide logistical and crew transport 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): Rachel Noonan			Approved by (Planning Section Chief): Mike Crawford			Date 7/8/22	Time 1900

DIVISION ASSIGNMENT LIST		1. Branch	2. Division/Group Manley Staging				
3. Incident Name Bean Complex		4. Operational Period Date: July 9, 2022 Time: Day 0700 - 2300					
5. Operations Personnel							
Operations Chief	Jon Larson / Jeff Bortner (T)		Division/Group Supervisor				
Operations Chief (Strategic Ops)	Trevor Wallace		Air Attack Supervisor				
Branch Director							
Safety Officer							
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT/Time	Pick Up PT/Time	Tentative Last Work Day
1.	C - 5 HC2 K River	Sam	19				7/12
2.	O - 50 Blake Stewart		1				7/21
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7. Control Operations Check in with Branch Directors twice daily.							
8. Special Instructions.							
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): Rachel Noonan			Approved by (Planning Section Chief): Mike Crawford			Date 7/8/22	Time 1900

AIR OPERATIONS SUMMARY 220

Prepared By: Ted Hass, AOBD

Prepared Date: 07/08/2022

Prepared Time: 1900

INCIDENT NAME: Bean Complex	OPS PERIOD DATE: 07/09/2022	START TIME: 1000	END TIME: 2200	SUNRISE: 0328	SUNSET: 1224 (7/10)
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
ASGS	Mark Hocken	907-388-5342	Air/Air Secondary	AM	121.0500	121.0500	
ATGS	Mike Demello	541-324-0876	A/G Branch 1	FM	171.5500	171.5500	ALL CTRs & Cost Summary to finance: 2022.bean.finance@firenet.gov
ATGS	Jerry Messinger	541-306-0907	A/G Branch 2	FM	171.7250	171.7250	
HEBM	Rex Sundstrom	907-799-4442	A/G Zone	FM	166.6375	166.6375	Air Attack Platforms: AA610 – N586DV (A-1) AA617 – N721TB (A-3)
HEBM (T)	Kenon Smith	907-799-7756	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#	TY	MAKE/ MODEL	BASE	AVAIL	REMARKS
N212HP	2	Bell 212	Manley	1000	Aka helicopter 514						
N763AE	3	AS350 B3	Manley	1000	Recon, Bucket, longline						

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: 07/08/2022 Time: 1900	Date/Time From: 07/09/2022 0700 SAT	Date/Time To: 07/09/2022 2300 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	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	BRANCH I	171.5500 N		171.5500 N		A	A/G BRANCH I
	15	AIR TO GROUND	A/G SEC	BRANCH II	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:

6. Prepared By (Communications Unit Leader)	Name: KEVIN ZURFLUH	Signature: 
ICS 205	IAP Page	Date/Time: 07/08/2022 1900

Controlled Unclassified Information//Basic

FINAL

Bean Complex - Updated 7/8/2022

SMKJ personnel groups w/ SAT Phones

#310/#327 - Deadman Lake	Whittemore +3	8816-514-01799
#315	Hayes +4	8816-2248-7596)

Division Group Supervisor SAT Phone Numbers

Gubser	8816-514-02344
Neil	8816-514-02467
Lane	8816-514-02334
Merritt	8816-514-00503
Spanarella	8816-514-02162
Kiene	8816-224-87540

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

Shift: 07/09/2022 - Day

DRIVING TO AND FROM MANLEY

Hazards: Wildlife, road construction equipment and flaggers, poor road surface conditions, civilian traffic, boring/hypnotic scenery, dusty conditions, and long drive times are all part of ground travel to and from Manley. Any one of these hazards can result in serious injuries or worse. Combined, and interacting, they increase the overall hazard of driving exponentially.

Mitigations:

- Use the check in/ out system we have established on the incident.
- Drive with lights on to increase your visibility to other drivers.
- Always wear seatbelts.
- Keep your windshield clean. Supplies are available at ICP and Manley
- Take safety breaks at the marked parking areas.
- Expect a flat tire. Know how to find, free up, and change the spare on your rig.
- Slow down. It is about 160 road miles to Manley. Driving at an average of 35 MPH should get you there in about 4.5 hours. Going 45 MPH should take about an hour less. Is that hour saved worth the increased risk incurred while going that much faster? Stopping distance on gravel can be at least double the distance at the same speed on pavement.

HAZARD TREES:

- Refer to pages 22, 23 in your IRPG for awareness and control of hazard trees.
- Just because it was standing yesterday doesn't mean it is stable today. Spruce are notoriously tippy- green ones with burned roots can be deceptively tippy.
- Consider access/egress routes when determining need to remove trees.
- Understand the current situation of the incident. Perform a risk/benefit analysis of hazard tree felling operations.
- Follow leaders' intent and fall only those hazard trees with the potential to hit a cabin, or our workers defending the cabin. Sometimes putting the saw to a hazard tree is the most dangerous thing we can do about these trees.
- Consider the risks associated with long extraction times in the event of: a faller getting injured while falling a tree, VS likelihood of the tree falling and injuring someone if left un cut.
- Consider flagging and avoiding instead of cutting.

Create a legacy of safe behavior. Mitigate or avoid hazards based on risk/benefit analysis.

How do you want your organization, crew, and self to be remembered both short and long term?

SAFETY OFFICERS: Philip Bordelon, Matt Broyles (ICP), Kris Croddy (Manley)

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
Manley 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 206-637-4449, 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

Due to resource limitations, schedule only food box, MREs or water for para cargo delivery. To place a para cargo order, contact Bean Communication via radio or phone. Note the Branch/Division assigned A/G frequency will be used by the aircraft to coordinate delivery with the Drop Zone Ground Contact. 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)

Previously Assigned Drop Zones for Reference

FIRE #315 DIV D / DIV G

Name	Coordinates	
(PQ3J) DZ 1: Div Golf	64° 50.891	151° 21.528
(PQ3J) Drop Zone 2 Charlie	64° 54.09	151° 39.62
(PQ3J) Sierra: North Group	64° 46.542	151° 31.40
(PQ3J) Bob and Carol's House	64° 45.446	151° 13.649
(PQ3J) Sierra: South Group	64° 44.447	151° 33.953
(PQ3J) Mooseheart Lake - Joe's Cabin	64° 45.40	151° 13.64
(PQ3J) Div 3	64° 44.423	151° 33.813
(PQ3J) Golf 1	64° 55.463	151° 32.012
(PQ3J) Helispot 40 Div G M. Sun	64.44123	151 34.065

Fire #327 DIV N

Name	Coordinates	
(PWSF) Campsite #2	65° 01.30	150° 16.90

Fire #343 DIV K

Name	Coordinates	
Kilo 1	64° 45.20	151° 11.57



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 Digiaccio	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 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 9, 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	1-206- 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, H-41 Mooseheart H-42, H-43		
	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			7/8/22	/s\ Matt Broyles		7/8/22	
Medical Incident Report							
<p>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.</p> <p>At ICP use 911 for medical emergencies.</p>							

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

Medical Incident Report																													
<p>FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.</p> <p>FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.</p>																													
<p>Use the following items to communicate situation to communications/dispatch.</p>																													
<p>1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report) <i>Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."</i></p> <p>2. INCIDENT STATUS: 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"/> 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			<i>Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)</i>																										
Transport Request			<i>Air Ambulance / Short Haul/Hoist Ground Ambulance / Other</i>																										
Patient Location			<i>Descriptive Location & Lat. / Long. (WGS84)</i>																										
Incident Name			<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>																										
On-Scene Incident Commander			<i>Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)</i>																										
Patient Care			<i>Name of Care Provider (Ex: EMT Smith)</i>																										
<p>3. INITIAL PATIENT ASSESSMENT: 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>4. TRANSPORT PLAN:</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>5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:</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>6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Function</th> <th style="width: 20%;">Channel Name/Number</th> <th style="width: 15%;">Receive (RX)</th> <th style="width: 15%;">Tone/NAC *</th> <th style="width: 15%;">Transmit (TX)</th> <th style="width: 20%;">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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<p>7. CONTINGENCY: <u>Considerations:</u> If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.</p>																													
<p>8. ADDITIONAL INFORMATION: Updates/Changes, etc.</p>																													
<p>REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.</p>																													