

GUARDIAN

HELICOPTERS, INC.

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST:

- ☐ SAFETY BRIEF SIGN IN
- ☐ GHI CREW INTRODUCTION
- ☐ IS A TRANSLATOR REQUIRED
- ☐ WORK STOP AUTHORITY
- ☐ DESIGNATE A 911 CALLER
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES
- ☐ CREW FATIGUE AND HYDRATION
- ☐ HELICOPTER LIFT LIMITATIONS
- ☐ HAZMAT WILL OR WILL NOT BE CARRIED ON THE HOOK
- ☐ NON GHI EMPLOYEES WILL NOT APPROACH HELICOPTER WITH ROTORS ENGAGED
- ☐ HELICOPTER HAZARD AREA (TAIL/MAIN ROTOR)
- ☐ EFFECT OF ROTOR DOWN WASH ON LOAD

DUST MASK: BURN AREA, DUST, POLLEN EXPOSURE

- ☐ HELICOPTER DOOR REMOVAL AND FIRE EXTINGUISHER LOCATION
- ☐ PPE REQUIREMENTS (GLOVES, EYE PROTECTION, HARD HAT WITH CHIN STRAP)
- ☐ PILOT/GROUND CREW COMMUNICATIONS/ LOST COMMUNICATIONS

PROCEDURES

- ☐ POTENTIAL STATIC CHARGE CAUSED BY HELICOPTER
- ☐ SITE PLAN /FLIGHT PATH
- ☐ FALL, PINCH, CRUSH DANGER POINTS
- ☐ RIGGING OPERATIONS CONNECTING AND DISCONNECTING CRANE HOOK AND SPREADER BAR HOOK
- ☐ PROPER SECURING OF EQUIPMENT / TOOLS IN SUPER SACK AND ON LONG LINE
- ☐ STREET CLOSURE / EVACUATION USE DIAGRAM TO ENSURE ALL HOMES ARE CLEAR
- ☐ NO CELL PHONES OR CAMERA USED BY GROUND CREW

Allegheny CA
6-9-2021
PGE 21-01144
(3) 40' CL1 1700 LBS @ 5000 FT
NON-CAP
Water truck

Pilot:

Support Crew:

Location:**Mission:****Aircraft:**[illegible]

AIRCRAFT	ENVIRONMENT	EXTERNAL LOAD
☐ Approach and departure ☐ Main/tail rotor hazards ☐ Safe cargo loading/unloading ☐ Loose articles: - Aircraft & LZ ☐ Hearing protection ☐ Door/seatbelt operation ☐ Headset/helmet/intercom ☐ Air-sickness ☐ In-flight emergencies Establish who will call 911 ☐ Location of: o First aid/survival kit o Fire extinguisher o Fuel and battery shut off procedure o Radios, ELT, SAT Phone ☐ Fueling Operations: - Duties & Safety Issues	☐ Weather conditions ☐ Wind direction ☐ Fuel ☐ Gross weight ☐ Terrain ☐ Landing zone hazards ☐ Density altitude ☐ Noise abatement ☐ Congested area plan ☐ Traffic/crowd control CRM ☐ COMMUNICATION IS CRITICAL ☐ Standardized language ☐ "Code Red" phrases ☐ Sterile cockpit ☐ Flight following/radio procedures ☐ Possible tasks for crew, e.g., switch/tune radios, maps ☐ Hazard awareness, e.g., birds, other hazards ☐ STOP work policy ☐ Re-brief in case scope changes ☐ <u>IMSAFE Acronym</u> Pilot fatigue mitigation must be briefed prior to work	☐ Ground crew PPE ☐ Long Line & Rigging Equipment Inspection ☐ Communication: Use of headset for lineman communicating with pilot ☐ Head/Hand Signals ☐ Pole set procedures: Brief how pole will be secured: 1) Taglines 2) Pikes 3) fill dirt ☐ Steps on pole ☐ Remote hook operations ☐ Ground crew hook up procedures ☐ Static discharge ☐ Emergency flyaway procedures ☐ Long line clearance (6'- 25'- 150% rule) ☐ No person under load ☐ Ground crew safety zone ☐ Pole removal with potential snag issues must be discussed ☐ Nylon straps (wood vs. glass) ☐ Load ratings (7:1 minimum) ☐ Dry Run/Play by play pole set Procedures ☐ Induced Voltage from: - Adjacent circuits, Underbuild, Parallel circuits etc. ☐ In case of Non-Company ground crew: Rigging procedures must be briefed ☐ No cell phone/camera use during external loads ☐ Essential crew only

21-01144 Request Summary



Requestor	Ashley M Bloom	Request Date	06/04/2021
LAN ID	AQB0	Work Type	Lift Work
Phone	(707) 449-5832	Lift Work Type	Cargo
Cell	(707) 317-3009	For Contractor	Yes
LOB	Electric GC Distribution		HENKELS &
Vendor	Guardian Helicopters		MCCOY

Work Dates

06/09/2021 BELL 205

Approver

Supervisor Robert D Mitchell (R3MD)

R3MD@PGE.COM

(C) (530) 906-5685

Scope of Work

SIERRA COUNTY

ALLEGHANY 1101

CAP - NIL

DISPATCH NOTIFICATIONS - NIL

USFS/NATIONAL PARK TERRITORY - TAHOE NF
NOTIFICATIONS MADE - YES

THIRD PARTY - HENKELS & MCCOY

CONTACTS -

REQUESTOR - RYAN OBERG - 530.312.5536

FOREMAN - MATT KORPI - 530.812.7718

PGE PM - ADRIANA AFONG A4A8

SCOPE - CARGO || TRANSPORT POLES AND ROCK BAGS FROM LZ TO WORK LOCATIONS
FOR REPLACEMENT. REMOVE OLD POLES. 40' CL1 WOOD - 1700LBS.

HEC SHIP ON SITE - R1017.

LZ/WORK LOCATION INFORMATION -

LZ OK, NO OBSTRUCTIONS. LZ DIAMETER VERIFIED FOR TYPE 3 AIRCRAFTS - 160FT.
WORK LOCATIONS OK, NO OBSTRUCTIONS.

REQUESTOR TO ENSURE TRAFFIC MITIGATION IS IN PLACE AS NEEDED.

Daily Information

06/09/2021

Asset Category: MEDIUM

Asset Type: BELL 205

Locations

08:00 - LZ	LZ - S180	39 27.99'N 120 53.56'W	<no headquarters>	<no county>	4800 ft
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21-01144 Request Summary

--- - **Work Location**

ALLEGHANY 1101 12KV	39 31.82'N 120 49.91'W	Line #: 100093528	SIERRA	<no county>	5350 ft
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ALLEGHANY 1101 12KV	39 31.04'N 120 50.32'W	Line #: 100093476	SIERRA	<no county>	5400 ft
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--- - **Work Location**

ALLEGHANY 1101 12KV	39 30.76'N 120 50.46'W	Line #: 100093452	SIERRA	<no county>	5550 ft
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Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	1800.0 lbs
Special Equipment	---	Billing Number	35133723-5300 100%
Comments	---		35133884-5300 100%
			35133858-5300 100%
			35133888-5300 100%
		Req. Notifications	---

Talk About #	H&M Ch8 RX/TX 451.8000 DPL 712 UHF	Talk Group		Talk Radio #	H&M Ch8 RX/TX 451.8000 DPL 712 UHF
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21-01144 - June 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1	2	3	4	5	
6	7	8	9 08:00 - 16:00 BELL 205 LZ - S180 39 27.99'N 120 53.56'W	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10



SECTION 7

Part 135 GH 4A Part 133 GH 4L

NON- Congested Area Plan

Operator: Guardian Helicopters, Inc
67 D STREET
Fillmore CA. 93015

Phone (818) 442-9904

FAX (818) 442-9901

PROJECT: PG&E HEC POLE SET WORK ORDER #: 21-01144ADDRESS: RIDGE RD CITY ALLEGHANY STATE: CA ZIP: 95910LZ STAGING AREA LATITUDE 39°27'59.07"N LONGITUDE 120°53'33.82"W. ELEV 4650 FT100093452 LATITUDE 39°30'45.60"N LONGITUDE 120°50'27.60"W ELEV 5250 FT 40 FT CL 1 1700 LBS100093476 LATITUDE 39°31'2.40"N LONGITUDE 120°50'19.20"W ELEV 5050 FT 40 FT CL 1 1700 LBS100093528 LATITUDE 39°31'48.82"N LONGITUDE 120°49'54.68"W ELEV 4850 FT 40 FT CL 1 1700 LBSCONTACT REQUESTOR: RYAN OBERGPHONE#: 530-312-5536CONTACT FORMAN: MATT KORPIPHONE#: 530-812-7718

PILOT'S NAME(S):

1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT#: 3018828
4. IAN GOODALE CERT#: 3741973
5. ROSS GOULET CERT#: 3396777

TYPE OF AIRCRAFT:

BHT 205 N# N211GH A/C CATEGORY: STANDARD

IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDITIONAL LIFTS THE LIFTS WILL BE CONDUCTED REMAINING WITHIN THE APPROVED TIME PARAMETERS.

TYPE OF LIFTS: (3) ↓ (3) ↑ 40 FT CL 1 1700 LBS LOAD: EXT CL BTYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒ NON- AERODYNAMIC LONG LINE: (NO) XXX (YES)LESS 100 FT (LENGTH) OPERATIONAL ALTITUDE: < 250 AGL STREET CLOSING: XX (YES) (NO)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-9-2021	SUNRISE	SUNSET	6-1-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SIERRA COUNTY SHERIFF	530-289-3700	DISPATCH	NOTIFIED
ALLEGHANY FIRE DEPARTMENT	530-287-3700	DISPATCH	NOTIFIED



Part 135 GH 4A Part 133 GH 4L
NON Congested Area Plan

Evacuation

- ☒ No Evacuated Structures
- ☐ Evacuated Structures

Crowd Control

- ☒ Operator
- ☒ Contractor

Street Closure

- ☒ Yes ☐ No
- ☒ Contractor
- ☐ Operator

LIST OF BUILDINGS THAT SHALL BE UNOCCUPIED DURING OPERATIONS:

BUILDING DESCRIPTION/ADDRESS	REMARKS	METHOD
NONE		
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	VACANT DURING OPS	HAND DELIVER

Narrative description of pick-up site, route, delivery site, and plan for ceasing operation if unauthorized persons enter operational area or real hazard occurs.

SITE INSPECTION NOTES

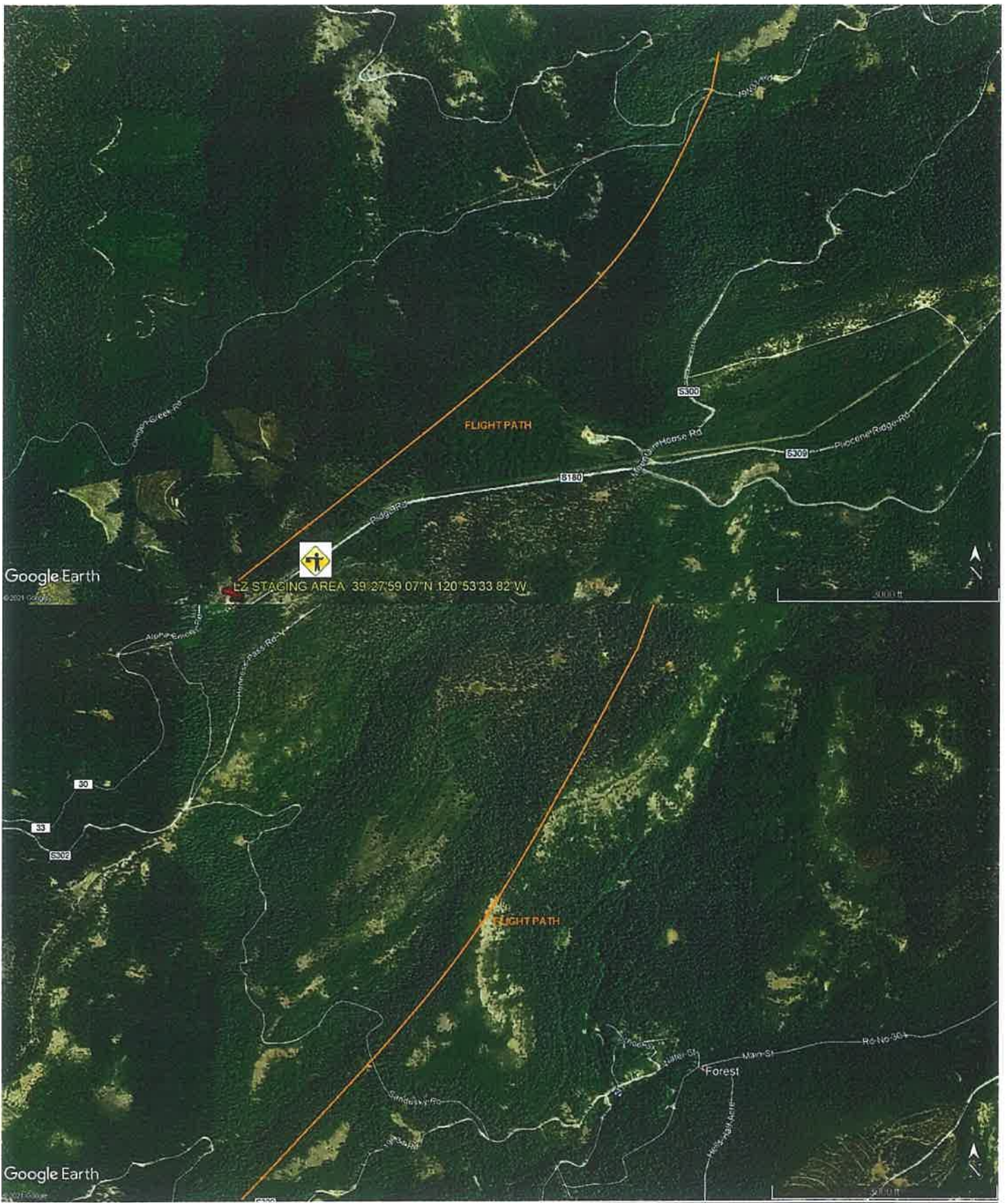
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE EVENT AN UNAUTHORIZED PERSON ENTERS THE OPERATIONS AREA OR A POTENTIAL HAZARD IS IDENTIFIED THE PILOT WILL HOLD THE AIRCRAFT IN RELATIVE POSITION. THIS WILL BE ACHIEVED WITHOUT OVER FLYING THE GROUND CREW. ALL OPERATIONS WILL BE CEASED UNTIL THE PROBLEM IS RECTIFIED. IN THE EVENT OF AN AIRCRAFT EMERGENCY, THE PILOT WILL RADIO GROUND PERSONNEL AND WILL ATTEMPT TO LAND IN THE EMERGENCY LANDING AREA.

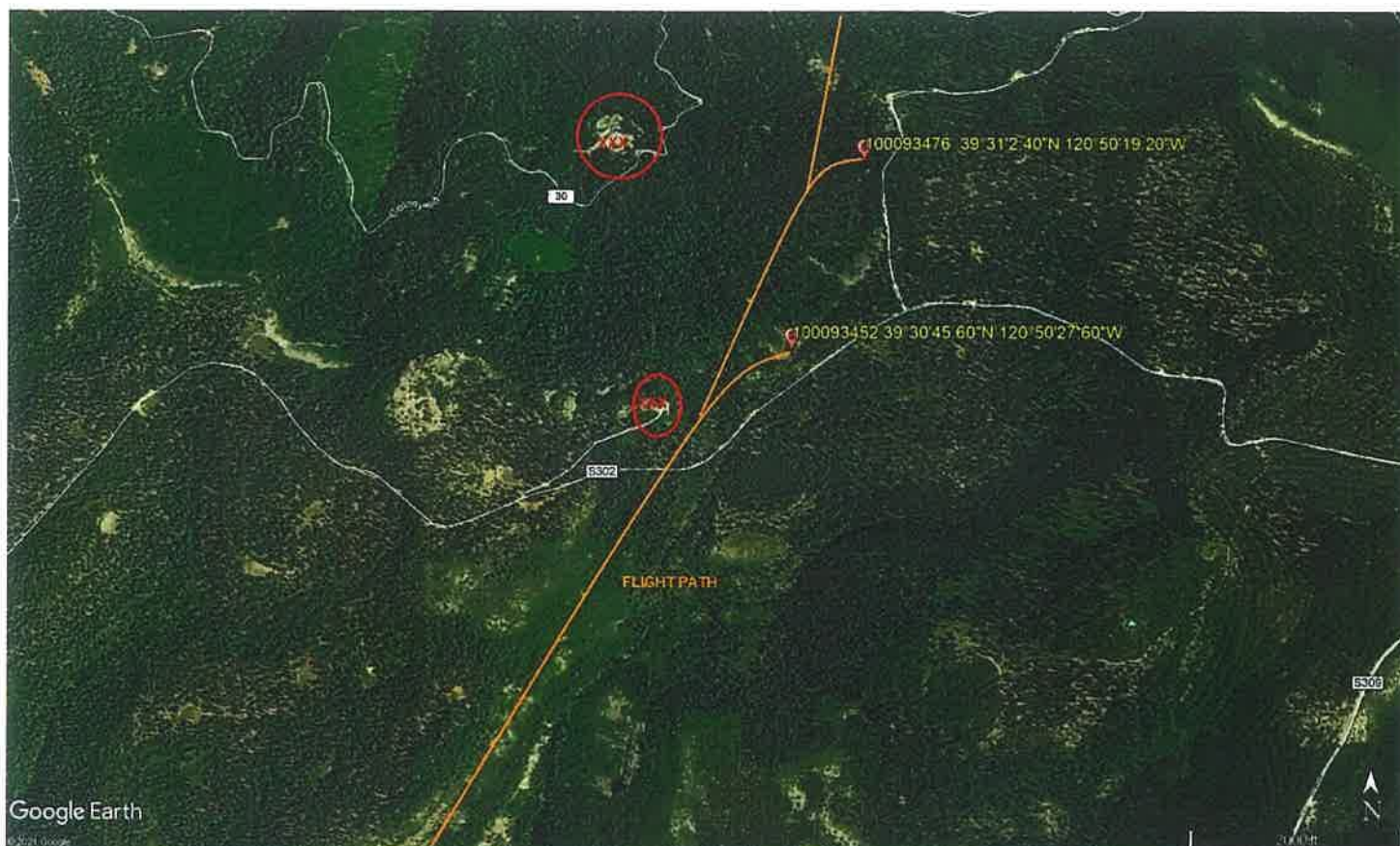
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM TO BE RECTIFIED.

THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND AT THE LANDING ZONE TO CONDUCT TAILBOARD.
2. HEC WILL BE STAGED AT THE LZ
3. TAILBOARD WILL BE CONDUCTED AT LANDING ZONE
4. WATER TRUCK IS REQUIRED AT LANDING AREAS
5. NO EVACUATIONS
6. STREET CLOSURE AT LZ STAGING AREA SEE DIAGRAM
7. TREE TRIMMING IF REQUIRED





LEGEND

SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH

LANDING AREA = (LZ)	STREET BLOCKED = XXXX	TOP TWO FLOORS = UBT2
ATTACH AREA = (A)	RELEASE AREA = (R)	
FLIGHT PATH = >>>>	EMERGENCY LAND = (ELZ)	
UNOCCUPIED BUILDING = (UB)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

6-4-2021

DATE OF SUBMISSION

A handwritten signature in cursive script, reading "Jeffrey M. Teubner".

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator