

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

PGF 21-00547

HEC only

SLO / SANTA MARGARITA

4-26 preposition

4-27 stay @ Airport
until Forman give
the All clear

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

Non-compliance with established procedures may result in your removal from the mission

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: ○ First aid/survival kit ○ Fire extinguisher ○ Fuel and battery shut off procedure ○ 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

21-00547 Request Summary



Requestor	Kristopher C Nancolas	Request Date	03/16/2021
LAN ID	kcn3	Work Type	Lift Work
Phone	(805) 423-4139	Lift Work Type	HEC -
Cell	(805) 423-4139	For Contractor	Non-Energized
LOB	Electric Transmission		No
	Line		
Vendor	Guardian Helicopters		

Work Dates

04/26/2021 - 04/27/2021 AS350B3

Approver	Superintendent John Ceja (j4ch)	J4CH@PGE.COM	(C) (805) 458-5724
Foreman	Kristopher C Nancolas (kcn3)	(P) (805) 423-4139	(C) (805) 423-4139

Scope of Work SAN LUIS OBISPO COUNTY
TEMBLOR-SAN LUIS OBISPO 115 KV
CAP- NIL
RQD NOTIFICATIONS- NIL

USFS/NATIONAL PARK TERRITORY- LOS PADRES NATIONAL FOREST
NOTIFICATIONS MADE- YES

SCOPE-HEC || HELICOPTER TO TRANSPORT MEN TO TOWERS FOR INSPECTION WORK
TO BE DONE IN FOREST AREA WHICH IS INACCESSIBLE BY FOOT/VEHICLE. TWIN
ENGINE AIRCRAFT NEEDED.

LZ/WORK LOCATION INFORMATION-
LZ- OK, NO OBSTRUCTIONS | ELEVATION 1204 FEET.
LZ DIAMETER VERIFIED FOR TYPE 3 AIRCRAFT- 75 FEET DIAMETER

WL- OK, WITHIN HILLS WITH TREES IN PROXIMTY.

** REQUESTER TO ENSURE TRAFFIC/DUST MITIGATION, AS NEEDED**

Daily Information

04/26/2021

Asset Category: LIGHT

Asset Type: AS350B3

Locations

14:00 - LZ	POSITION LEG	<no lat/lon>	<no headquarters>
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Dust/Snow Mitigation Plan:	Surface is composed of low vegetative cover.
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Est. Use Hours	3.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	600.0 lbs
Special Equipment	---	Billing Number	85022391-0020 100%
Comments	**HEC NOT TO EXCEED 600 POUNDS**	Req. Notifications	---

PLEASE CONFIRM LZ LOCATION

21-00547 Request Summary

A WEEK PRIOR TO WORK DATE,
PILOT TO STAND BY AT AIRPORT
IN AM AND CONFIRM WITH JOB
FOREMAN PRIOR TO LANDING
AT LZ LOCATION DAY OF DUE
TO WEATHER AND LAND
OWNER. ,

21-00547 Request Summary

04/27/2021

Asset Category: LIGHT

Asset Type: AS350B3

Locations

08:00 - LZ	LZ- SANTA MARGARITA	35 19.44'N 120 31.48'W	<no headquarters>	<no county>
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Dust/Snow Mitigation Plan: Surface is composed of low vegetative cover.

--- - Work Location

10332 TEBLOR-SAN LUIS OBISPO 115 KV	35 17.25'N 120 34.43'W	Line #: 53/299	PISMOBCH	<no county>	2428 ft
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Dust/Snow Mitigation Plan: ---

--- - Work Location

10332 TEBLOR-SAN LUIS OBISPO 115 KV	35 17.50'N 120 34.21'W	Line #: 53/298	PISMOBCH	<no county>	2700 ft
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Dust/Snow Mitigation Plan: ---

--- - Work Location

10332 TEBLOR-SAN LUIS OBISPO 115 KV	35 17.74'N 120 34.01'W	Line #: 53/297	PISMOBCH	<no county>	2143 ft
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Dust/Snow Mitigation Plan: ---

--- - Work Location

10332 TEBLOR-SAN LUIS OBISPO 115 KV	35 17.83'N 120 33.93'W	Line #: 53-296	PISMOBCH	<no county>	2134 ft
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Dust/Snow Mitigation Plan: ---

--- - Work Location

10332 TEBLOR-SAN LUIS OBISPO 115 KV	35 17.91'N 120 33.87'W	Line #: 52/295	PISMOBCH	<no county>	2060 ft
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Dust/Snow Mitigation Plan: ---

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	400.0 lbs
Special Equipment	twin engine helicopter	Billing Number	85022391-0020 100%
Comments	please confirm LZ location 1 week prior to work date , pilot to stand by at airport in am and confirm with job forman prior to landing at LZ location day of ,due to weather and land owner.	Req. Notifications	---

Talk About #	08	Talk Group	3363	Talk Radio #	3363
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21-00547 Request Summary

04/27/2021

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Asset Type: AS350B3

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Talk About #	08	Talk Group	3363	Talk Radio #	3363
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21-00547 - April 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26 14:00 -17:00 AS350B3 POSITION LEG	27 08:00 -16:00 AS350B3 LZ- SANTA.. 35 19.44'N 120 31.48'W	28	29	30	1
2	3	4	5	6	7	8



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 WORK ORDER #: 21-00547

ADDRESS: N. POZO RD CITY : SANTA MARGARITA STATE: CA
LZ STAGING AREA LATITUDE 35°19'26.32"N LONGITUDE 120°31'28.74"W 1200 ELEV
52/295 LATITUDE 35°17'54.60"N LONGITUDE 120°33'52.20"W 2000 ELEV
53-296 LATITUDE 35°17'49.80"N LONGITUDE 120°33'55.80"W 2000 ELEV
53/297 LATITUDE 35°17'44.40"N LONGITUDE 120°34'0.60"W 2000 ELEV
53/298 LATITUDE 35°17'30.00"N LONGITUDE 120°34'12.60"W 2000 ELEV
53/299 LATITUDE 35°17'15.00"N LONGITUDE 120°34'25.80"W 2000 ELEV

CONTACT REQUESTOR: KRISTOPHER C NANCOLAS PHONE#: 805-423-4139

CONTACT FORMAN: KRISTOPHER C NANCOLAS PHONE#: 805-423-4139

PILOT'S NAME(S):

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

TYPE OF AIRCRAFT:

BELL UH-1H N# N777GH A/C CATEGORY: RESTRICTED
BELL 407 N# N407GH A/C CATEGORY: STANDARD
BELL 407 N# N447GH A/C CATEGORY: STANDARD
BELL 205A1 N# N216GH A/C CATEGORY: STANDARD
AS350 B2 N# N498PT A/C CATEGORY: STANDARD
AS350 B3 N# N718GH A/C CATEGORY: STANDARD
AS350 B3 N# N215GH 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: (1) POLES AND (6) MATERIALS LESS 2500 LBS LOAD: EXT CL B TYPE OF ITEM

LIFTING: ☐ AERODYNAMIC ☒ NON- AERODYNAMIC LONG LINE: (NO) XXX (YES) LESS 150 FT
(LENGTH) OPERATIONAL ALTITUDE: < 250 AGL STREET CLOSING: (NO) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
4-26-2021 PREPOSITION	SUNRISE	SUNSET	4-15-2021
4-27-2021	SUNRISE	SUNSET	4-15-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SLO POLICE DEPARTMENT	805-781-7317	DISPATCH	NOTIFIED
SLO FIRE DEPARTMENT	805-781-7380	STATION 3	NOTIFIED
SLO AIRPORT	805-781-5205	FBO	FBO



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 EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

BUILDING DESCRIPTION/ADDRESS	REMARKS	METHOD
NONE	VACANT DURING OPS	HAND DELIVER
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

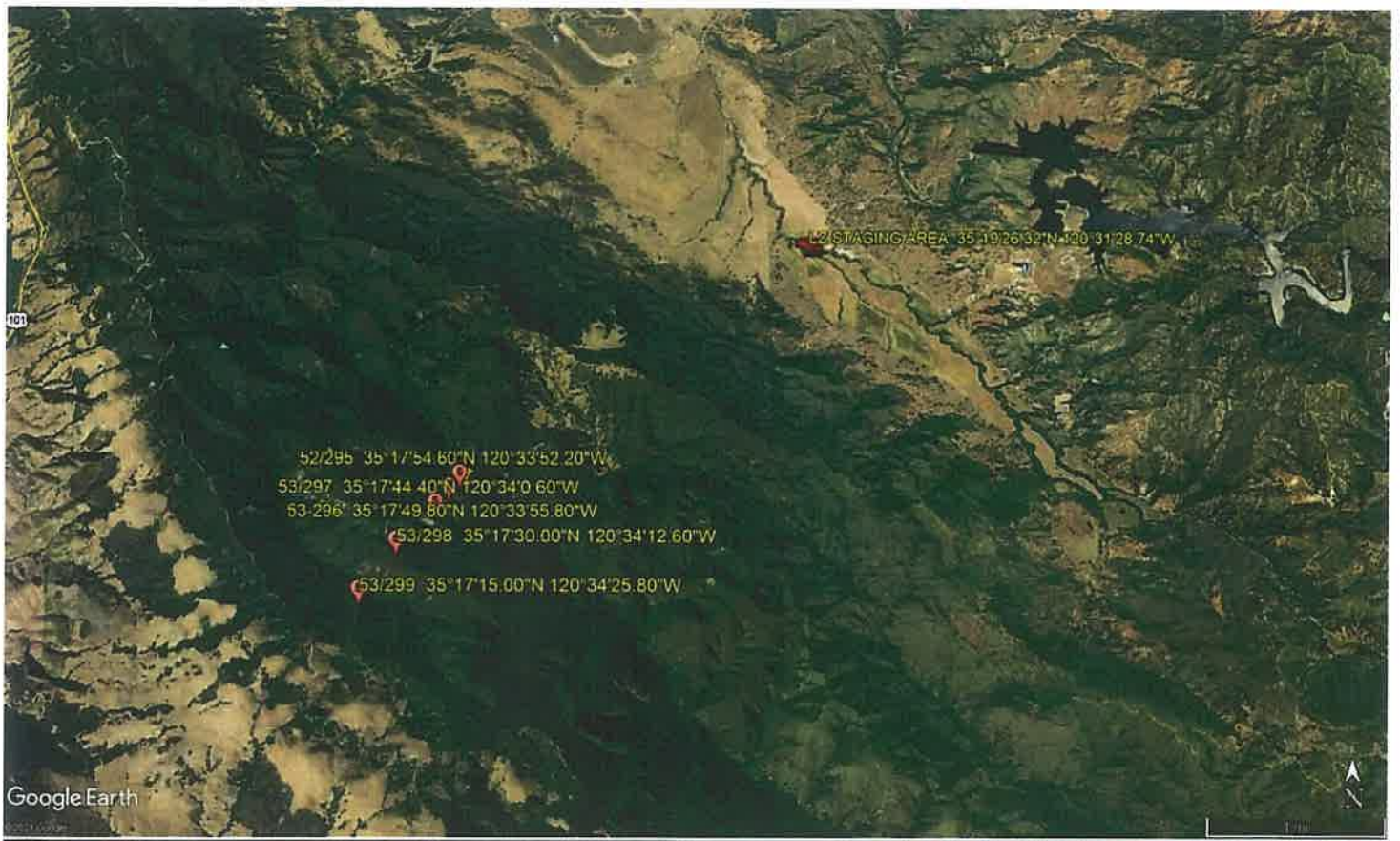
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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.

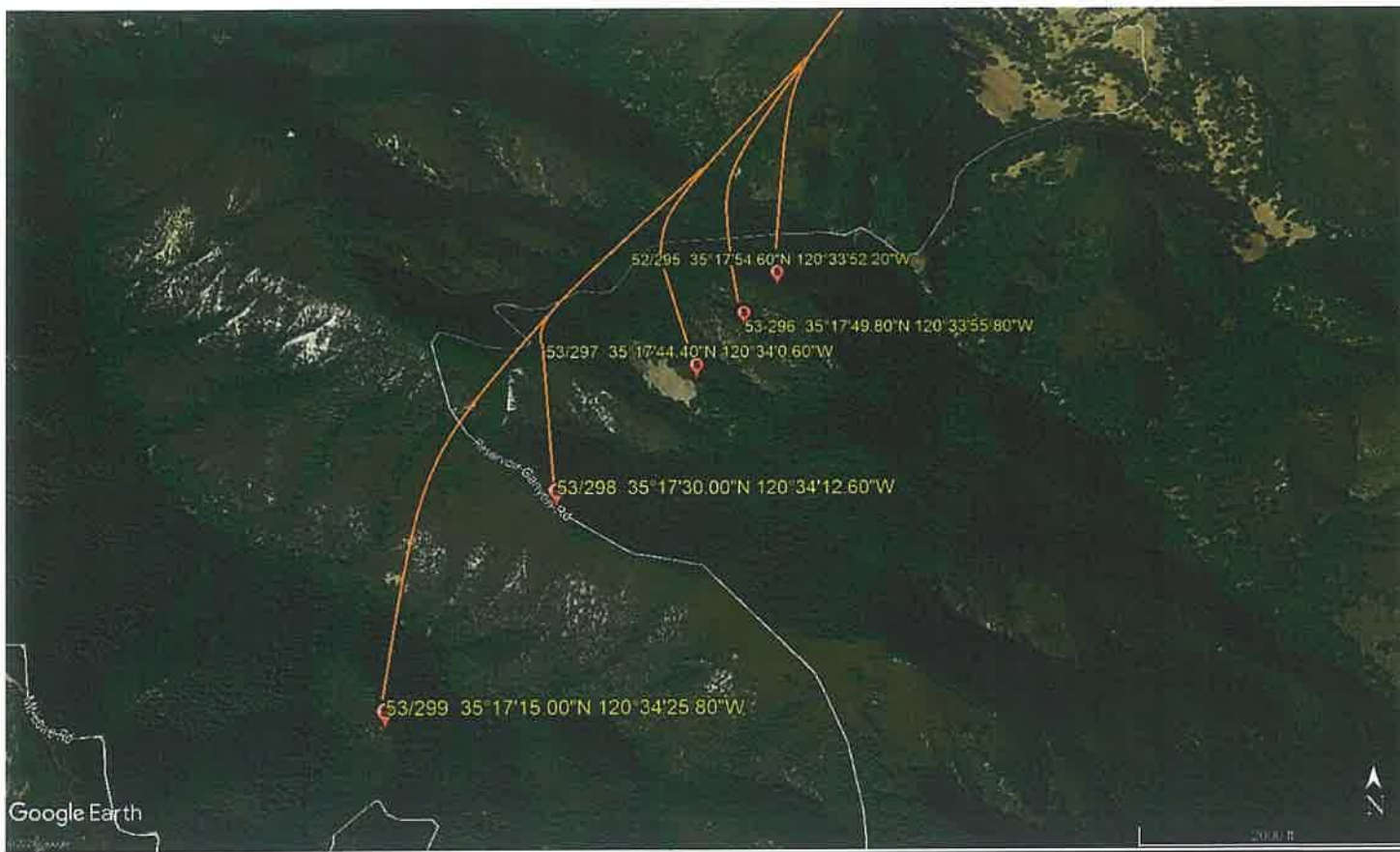
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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. THE HELICOPTER WILL STAND BY AT THE AIRPORT IN AM AND CONFIRM WITH JOB FOREMAN PRIOR TO LANDING AT LZ
2. HELICOPTER WILL LAND AT THE LANDING ZONE TO CONDUCT TAILBOARD.
3. TAILBOARD WILL BE CONDUCTED AT POLE STAGING AREA
4. WATER TRUCK IS REQUIRED AT LANDING AREAS
5. NO EVACUATIONS
6. RAUL AREA NO STREET CLOSURE
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)	

4-15-2021

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator