

# **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: Coarsegold / Madera Con h

- ☐ SAFETY BRIEF SIGN IN PGE 21-01946 8-26-2021
- ☐ GHI CREW INTRODUCTION NON-CAP
- ☐ IS A TRANSLATOR REQUIRED 140 C14 1200 LBS
- ☐ 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

**Pilot:****Location:**

### Mission:

**Aircraft:**[illegible]

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

## 21-01946 Request Summary



|                  |                          |                       |            |
|------------------|--------------------------|-----------------------|------------|
| <b>Requestor</b> | Amber L Robinson         | <b>Request Date</b>   | 08/25/2021 |
| <b>LAN ID</b>    | ALRI                     | <b>Work Type</b>      | Lift Work  |
| <b>Phone</b>     | (707) 449-5832           | <b>Lift Work Type</b> | Cargo      |
| <b>Cell</b>      | (707) 761-6047           | <b>For Contractor</b> | Yes        |
| <b>LOB</b>       | Electric GC Distribution |                       | ALVAH      |
| <b>Vendor</b>    | Guardian Helicopters     |                       |            |

### Work Dates

08/26/2021 BELL 407

### Approver

Supervisor James D Hunter (JDHF)

JDHf@pge.com

(C) (559) 903-3893

### Scope of Work

MADERA COUNTY  
COARSEGOLD 2104 21KV  
CAP-  
DISPATCH NOTIFICATIONS-

USFS/NATIONAL PARK TERRITORY-  
APPROVAL RECEIVED-

THIRD PARTY CONTACTS-  
REQUESTOR- BRIAN CUTLER: 415-840-4536  
FOREMAN- MORGAN BOWMAN: 415-540-4536  
PGE PM- TBD

SCOPE- POLE REPLACEMENT, FLY IN TOOLS, FLY IN NEW POLE, FLY OUT OLD POLE,  
FLY OUT TOOLS. POLE IS 40' CL.4 WOOD FRAMED AT MAX 1200LBS.

LZ/WORK LOCATION INFORMATION-  
LZ-

LZ DIAMETER VERIFIED FOR TYPE 3 AIRCRAFT- ### FEET DIAMETER

WORK LOCATION(S)-

DUST/ TRAFFIC MITIGATION TO BE PROVIDED BY CONTRACTOR/PG&E.

## Daily Information

08/26/2021

### Reason for Request in Less than 10 Days:

Break-In Work/Short Duration Scheduled Work

**Asset Category:** LIGHT

**Asset Type:** BELL 407

### Locations

|            |    |                           |                   |             |         |
|------------|----|---------------------------|-------------------|-------------|---------|
| 09:00 - LZ | LZ | 37 14.97'N<br>119 44.25'W | <no headquarters> | <no county> | 2500 ft |
|------------|----|---------------------------|-------------------|-------------|---------|

## 21-01946 Request Summary

### --- - Work Location

COARSEGOLD 2104 21KV

37 14.75'N  
119 44.52'W

Line #: SAP ID: 101054100

YOSEMITE

<no county>

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|                   |                     |                    |                      |
|-------------------|---------------------|--------------------|----------------------|
| Est. Use Hours    | 8.00                | Vendor             | Guardian Helicopters |
| Contract          | PSPS GUARDIAN (407) | Over Water         | No                   |
| Fuel Truck        | Yes                 | Cargo Weight       | 1200.0 lbs           |
| Special Equipment | ---                 | Billing Number     | 35259287-5300 100%   |
| Comments          | NO HEC              | Req. Notifications | ---                  |

|                     |                     |                   |                     |                     |                     |
|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|
| <b>Talk About #</b> | TBD AT<br>TAILBOARD | <b>Talk Group</b> | TBD AT<br>TAILBOARD | <b>Talk Radio #</b> | TBD AT<br>TAILBOARD |
|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|

# 21-01946 Request Summary

--- - Work Location

COARSEGOLD 2104 21KV      37 14.75'N      Line #: SAP ID: 101054100      YOSEMITE      <no county>  
119 44.52'W

|                   |                     |                    |                      |
|-------------------|---------------------|--------------------|----------------------|
| Est. Use Hours    | 8.00                | Vendor             | Guardian Helicopters |
| Contract          | PSPS GUARDIAN (407) | Over Water         | No                   |
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|                     |                     |                   |                     |                     |                     |
|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|
| <b>Talk About #</b> | TBD AT<br>TAILBOARD | <b>Talk Group</b> | TBD AT<br>TAILBOARD | <b>Talk Radio #</b> | TBD AT<br>TAILBOARD |
|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|

# 21-01946 - August 2021

| Sunday | Monday | Tuesday | Wednesday | Thursday                                                    | Friday | Saturday |
|--------|--------|---------|-----------|-------------------------------------------------------------|--------|----------|
| 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<br>09:00 -17:00 BELL 407<br>LZ<br>37 14.97°N 119 44.25°W | 27     | 28       |
| 29     | 30     | 31      |           |                                                             |        |          |
| 5      | 6      | 7       | 8         | 9                                                           | 10     | 11       |
| 12     | 13     | 14      | 15        | 16                                                          | 17     | 18       |



## 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&amp;E POLE SET WORK ORDER #: 21-01946

ADDRESS: TRABUCO MT RD CITY: COARSEGOLD STATE: CA.

LZ 37°14'58.42"N119°44'15.03"W

101054100 37°14'45.00"N119°44'31.20"W

SEE ATTACHED FLIGHT REQUEST AND KMZ FILECONTACT REQUESTOR: BRAIN CUTLER PHONE#: 415-840-4536CONTACT FORMAN: MORGAN BOWMAN PHONE#: 415-540-4536PILOT'S NAME(S): 1. JOHN OLSON CERT #: 27691662. BUCKEY MACKAY CERT #: 27780513. MICHAEL KLINK CERT#: 30188284. IAN GOODALE CERT#: 37419735. ROSS GOULET CERT#: 3396777TYPE OF AIRCRAFT: BELL UH-1H N# N777GH A/C CATEGORY: RESTRICTEDBELL 407 N# N407GH A/C CATEGORY: STANDARD**BELL 407 N# N447GH A/C CATEGORY: STANDARD**BELL 205A1 N# N216GH A/C CATEGORY: STANDARDAS350 B2 N# N498PT A/C CATEGORY: STANDARDAS350 B3 N# N718GH A/C CATEGORY: STANDARDAS350 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: 40 CL 4 1200 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 |
|----------------------------------|--------------|------------------|--------------|
| 8-26-2021                        | SUNRISE      | SUNSET           | 8-18-2021    |
| AGENCY NAME:                     | PHONE#:      | PERSON NOTIFIED: | DATE:        |
| MADERA COUNTY SHERIFF DEPARTMENT | 559-642-3201 | SUBSTATION       | NOTIFIED     |
| MADERA COUNTY FIRE DEPARTMENT    | 559-683-8008 | STATION 8        | NOTIFIED     |

EvacuationCrowd ControlStreet Closure☒ No Evacuated Structures☒ Operator☐ Yes ☒ No☐ Evacuated Structures☒ Contractor☒ Contractor☐ Operator



Part 135 GH 4A Part 133 GH 4L

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       |
|-------------------------------------|-------------------|--------------|
| ONE STRUCTURE NEAR LZ STAGING AREA  | 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.

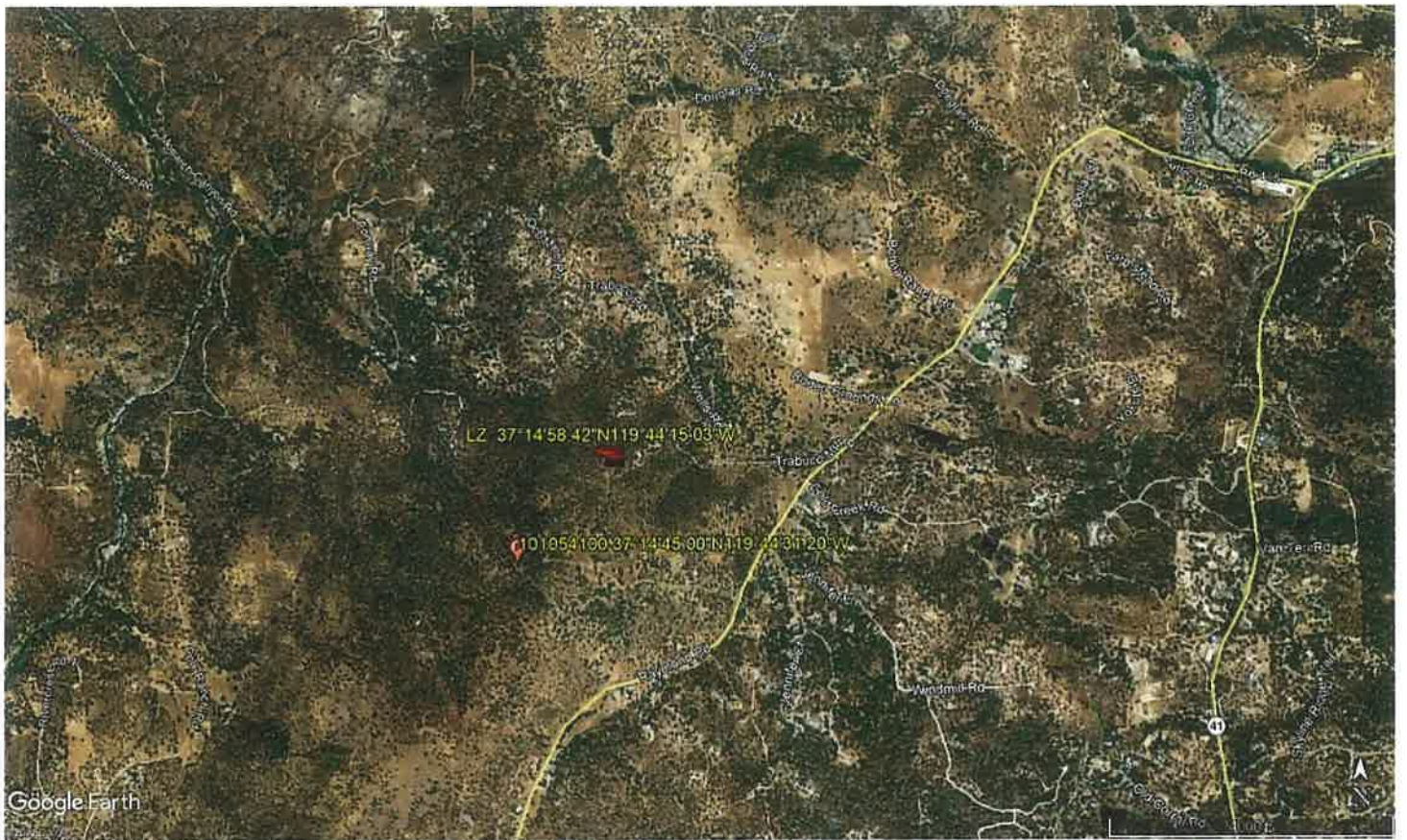
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

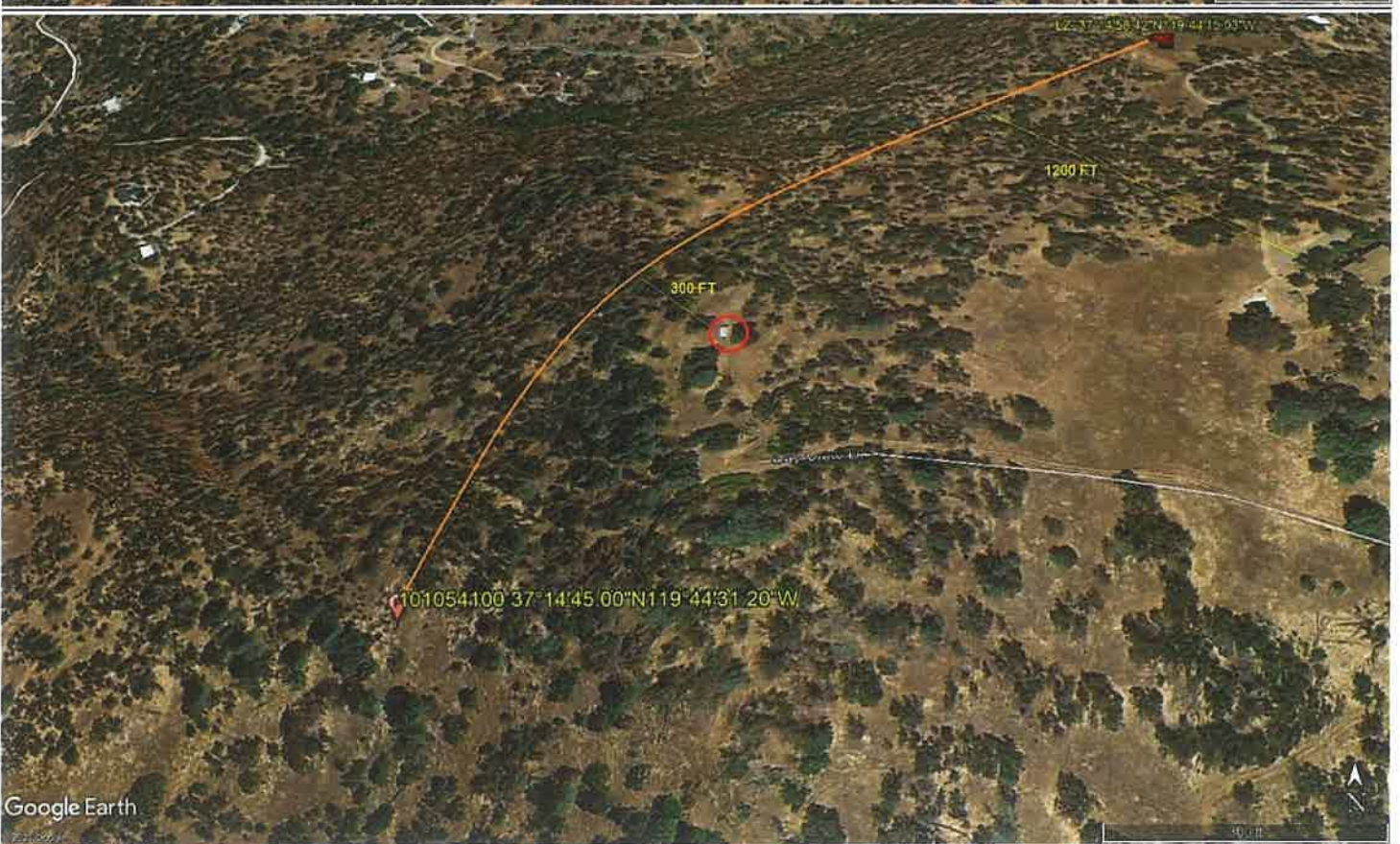
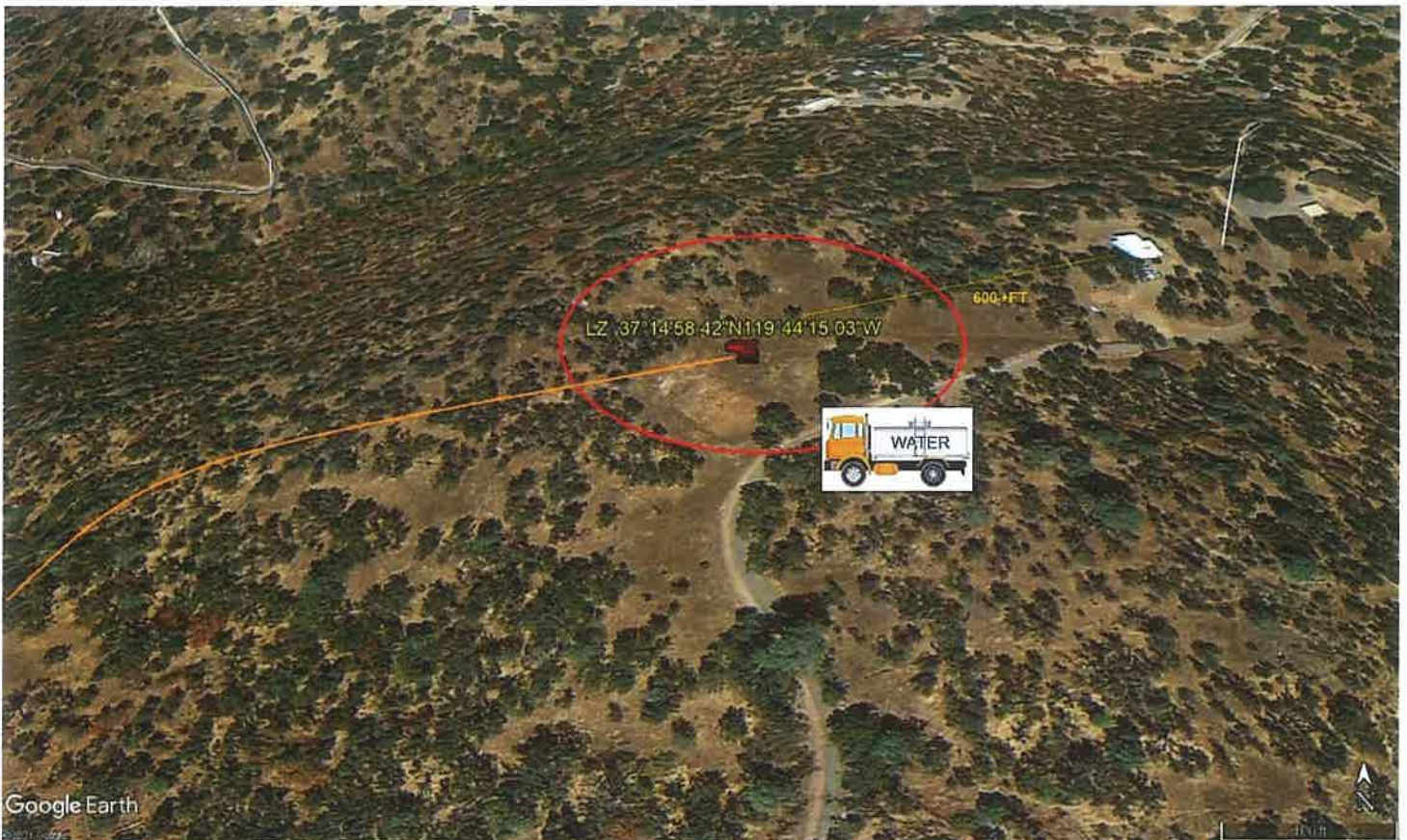
**PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.**

1. HELICOPTER WILL LAND AT LZ TO CONDUCT TAILBOARD
2. WATER TRUCK IS REQUIRED AT LZ
3. POLE WILL BE UNFRAMED AT THE POLE STAGING AREA
4. REMOTE AREA NO STREET CLOSURE
5. NO EVACUATIONS
6. CONTRACTOR WILL PROVIDE TREE TRIMMING AS 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) |                       |





*Jeffrey M. Teubner*

8-25-2021  
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE  
Jeffrey M. Teubner Flight Coordinator