



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

Springville CA
PGE 21-01391 8/18 8/19/2021
N4476H
NON-CAP work w/ N7776H



HELICOPTER HEC OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER HEC OPERATIONS A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST THIS DOES NOT SUPERSEDE INITIAL HEC TRAINING REQUIREMENTS

- ☐ CONDUCT STANDARD HELICOPTER LIFT SAFETY BRIEF PRIOR TO HEC SAFETY BRIEF
- ☐ HEC SAFETY BRIEF SIGN IN
- ☐ INITIAL HEC TRAINING VERIFIED ISSUE STICKER DISPLAYED ON HELMET
- ☐ WORK STOP AUTHORITY
- ☐ PPE REQUIREMENTS (HELMETS, EYEWEAR, GLOVES AND FOOTWEAR)
- ☐ HARNESS, FITMENT, CONDITION AND LOAD LIMIT
- ☐ PROPER USE OF ATTACHMENT EQUIPMENT (CARABINERS)
- ☐ BUDDY /SELF CHECK
- ☐ COMMUNICATIONS REQUIREMENTS VIA RADIO OR HEAD AND HAND SIGNALS (RADIO WILL BE TETHERED OR SECURED)
- ☐ NO EQUIPMENT WILL BE TRANSPORTED DURING HEC
- ☐ HEC SHORT HAUL OPERATIONS PLAN, DAILY MISSION
- ☐ INSERTION POINT AND AREA HAZARDS
- ☐ HEC ATTACH ZONE AND WAITING AREA
- ☐ EMERGENCY PROCEDURES; ENGINE FAILURE, TR FAILURE, HOOK FAILURE, LINE ENTANGLEMENT)
- ☐ NO CELL PHONE OR CAMERA USED DURING HEC

[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

21-01391 Request Summary



Requestor	Robert J Greenwood	Request Date	07/09/2021
LAN ID	RJGU	Work Type	Lift Work
Phone	(661) 670-0168	Lift Work Type	HEC -
Cell	(661) 670-0168	For Contractor	Non-Energized
LOB	Electric Transmission Line		No
Vendor	Guardian Helicopters		

Work Dates

08/18/2021 - 08/19/2021 BELL 407

Approver Foreman

Superintendent Pete M Dominguez (PXD1)
Mark S Stacy (MSSY)

PXD1@PGE.COM
(C)

(C) (805) 459-6255

Scope of Work

TULARE COUNTY
TULE-SPRINGVILLE 70 KV
CAP- NIL
RQD NOTIFICATIONS- NIL

USFS/NATIONAL PARK TERRITORY- SEQUOIA NATIONAL FOREST
NOTIFICATIONS MADE- YES

SCOPE- WE WILL TAIL BOARD WITH ALL HAND'S ON THE JOB AT THE LZ. HELICOPTERS TO TRANSPORT MEN, MATERIALS, ROCK BAGS, POLES TO WORK LOCATIONS FOR NEW POLE SETS. (3) LDSP POLE TYPES: 70 FOOT, CLASS H3 | 2480 POUNDS.

LZ/WORK LOCATION INFORMATION-

LZ- OK, NO OBSTRUCTIONS | ELEVATION 1172 FEET.

LZ DIAMETER VERIFIED FOR TYPE 2 & 3 AIRCRAFT- 200 FEET DIAMETER

PAIRS WITH HUEY REQUEST # 21-01239

WL- OK, WITHIN PROXIMITY TO ROADS AND VARIOUS TRANSMISSION CIRCUITS.

PER REQUESTER, TRAFFIC MITIGATION AND FLAGGERS ARE IN PLACE AND APPROVALS RECIEVED FROM CALTRANS

Daily Information

08/18/2021 - 08/19/2021

Asset Category: LIGHT

Asset Type: BELL 407

Locations

08:00 - LZ	LZ- SPRINGVILLE	36 09.07'N 118 48.06'W	<no headquarters>	<no county>
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Dust/Snow Mitigation Plan:

Surface will have water applied prior to landing.

21-01391 Request Summary

--- - Work Location

70064 TULE-SPRINGVILLE 70 KV 36 07.11'N Line #: 18/20 MIDWAY <no county> 948 ft
118 49.37'W

Dust/Snow Mitigation Plan: ---

--- - Work Location

70064 TULE-SPRINGVILLE 70 KV 36 09.12'N Line #: 24/7 MIDWAY <no county> 1830 ft
118 44.84'W

Dust/Snow Mitigation Plan: ---

--- - Work Location

70064 TULE-SPRINGVILLE 70 KV 36 08.12'N Line #: 20/6 MIDWAY <no county> 1048 ft
118 48.47'W

Dust/Snow Mitigation Plan: ---

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	PSPS GUARDIAN (407)	Over Water	No
Fuel Truck	Yes	Cargo Weight	600.0 lbs
Special Equipment	---	Billing Number	31534924 100%
Comments	**HEC NOT TO EXCEED 600 POUNDS**	Req. Notifications	---

Talk About #	108	Talk Group	108	Talk Radio #	108
CC Recipients	RSN5@pge.com				

21-01391 - 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 08:00 -16:00 BELL 407 LZ- SPRINGVILLE 36 09.07'N 118 48.06'W	19 08:00 -16:00 BELL 407 LZ- SPRINGVILLE 36 09.07'N 118 48.06'W	20	21
22	23	24	25	26	27	28
29	30	31				
5	6	7	8	9	10	11



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 POLE SET AND HEC

WORK ORDER #: 20-01392 21-01239

ADDRESS: BALCH PARK RD CITY: SPRINGVILLE STATE: CA

LZ STAGING AREA 36° 9'4.59"N 118°48'3.56"W

20/6 36° 8'7.20"N 118°48'28.20"W

18/20 36° 7'6.52"N 118°49'21.94"W

24/7 36° 9'7.23"N 118°44'50.34"W

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: PETE DOMINGUEZ

PHONE#: 805-459-6255

CONTACT FORMAN: MARK STACY

PHONE#: 661-401-8896

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:

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: LDSP 70 FT H3 2480 LBS CARGO UP TO 2500 LBS MAX HEC 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
8-18 & 8-19-2021	SUNRISE	SUNSET	8-5-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
TULARE COUNTY FIRE STATION	559-539-2626	STATION 22	NOTIFIED
TULARE COUNTY SHERIFF	559-782-9650	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 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.

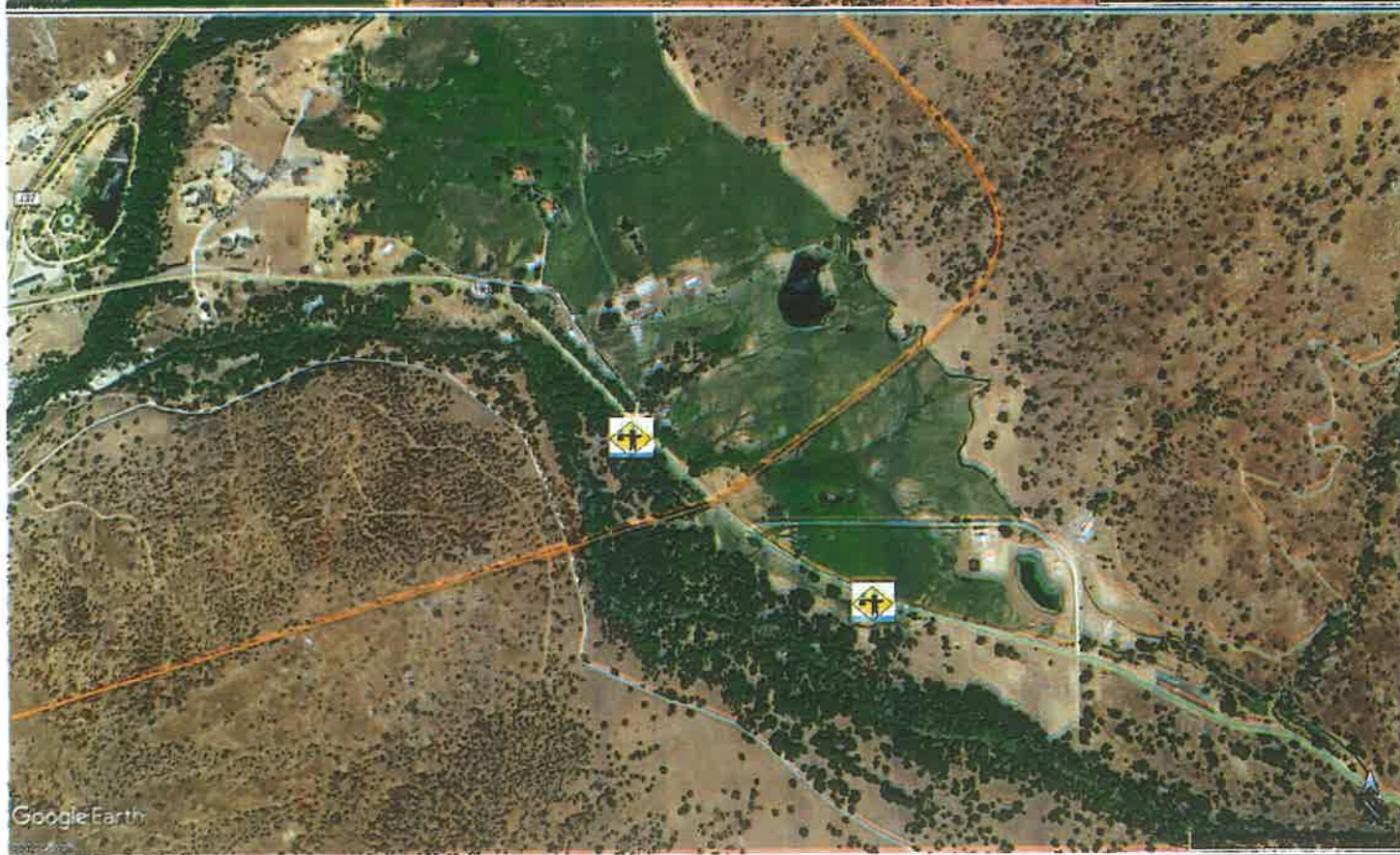
1. BOTH HELICOPTERS WILL LAND AT THE LZ TO CONDUCT A TAILBOARD AND HEC TRAINING
2. WATER TRUCK IS REQUIRED AT LZ
3. POLE WILL BE STAGED AT LZ STAGING AREA
4. CA-190 WILL EXPERIENCE INTERMITTENT CLOSURE DURING OPERATION. SEE DIAGRAM
5. NO EVACUATIONS
6. CONTRACTOR WILL PROVIDE TREE TRIMMING AS REQUIRED

LEGEND

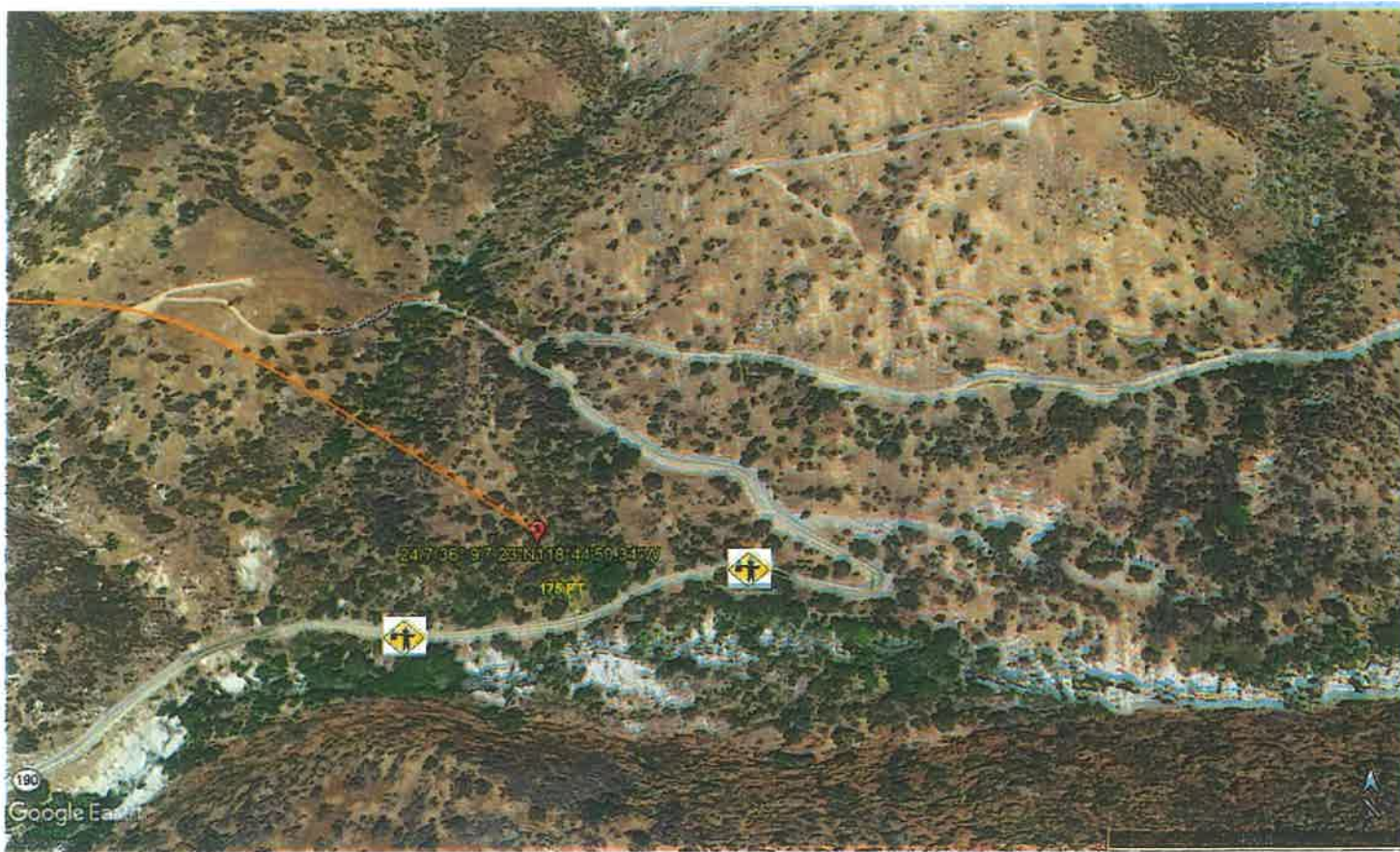
SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH

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

8-8-2021

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator