

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *3/10/2022*
- ☐ GHI CREW INTRODUCTION *UH-1H 22-00356 (4) poles 45CL3 1750*
- ☐ IS A TRANSLATOR REQUIRED *BH7-407 22-00406 HEC*
- ☐ WORK STOP AUTHORITY *NON-CAP*
- ☐ 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



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

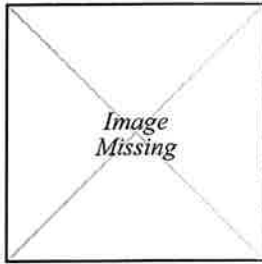
- ☐ **CONDUCT STANDARD HELICOPTER LIFT SAFETY BRIEF PRIOR TO HEC SAFETY BRIEF**
- ☐ **HEC SAFETY BRIEF SIGN IN**
- ☐ **INITIAL HEC TRAINING VERIFIED ISSUE STICKER DISPLAYED ON HELMET**
- ☐ **WORK STOP AUTHORITY**
- ☐ **PPE REQUIREMENTS (HELMETS, EYEWEAR, GLOVES AND FOOTWEAR)**
- ☐ **HARNESS, FITMENT, 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**

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/heimet/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 ☐ COMMUNICATION IS CRITICAL ☐ Standardized language ☐ "Code Red" phrases ☐ Steps on pole ☐ 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 ☐ IMSAFE Acronym	☐ 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

Pilot fatigue mitigation must be briefed prior to work

22-00356 Request Summary



Requestor	Sara Torres Davalos	Request Date	02/16/2022
LAN ID	s6t9	Work Type	Lift Work
Phone	(805) 610-0536	Lift Work Type	Cargo
Cell	(805) 610-0536	For Contractor	No
LOB	Electric GC Distribution		
Vendor	Guardian Helicopters		

Work Dates
03/10/2022 UH-1H

Approver	Supervisor Helen M Santoro (HMM2)	HMM2@PGE.COM	(C) (408) 204-6987
Foreman	Robert E Rael (RERB)	(P) (805) 459-7148	(C) (805) 459-7148

Scope of Work
SAN LUIS OBISPO
PERRY 1101
CAP-NO
DISPATCH NOTIFICATIONS- NO

USFS/NATIONAL PARK TERRITORY- NO
APPROVAL RECEIVED- N/A

SCOPE- POLE SET (4) WOOD POLES. (1) WOOD 45 CLASS 2 APPROX 1750LBS AND (2) WOOD 45 CLASS 4 POLE APPROX 1350LBS. (1) 45 CLASS 3 POLE APPROX 1500LBS. TRANSPORT FLY BOXES, ROCK BAGS AND MATERIALS. HEAVIEST EXPECTED WEIGHT 2200LBS. WILL PAIR WITH LIGHT SHIP PERFORMING HEC

LZ- OK, LARGE GRASS FIELD. TREES LINING LZ. TRAFFIC MITIGATION WILL BE PROVIDED ON NEARBY ROAD
LZ DIAMETER VERIFIED FOR (1) TYPE 2 AIRCRAFT AND (1) TYPE 3- 100 FOOT DIAMETER AND 75 FOOT DIAMETER WITH SEPERATION

WORK LOCATION(S)- ARE OK, IN MOUNTAIN TERRAIN, LOW LEVEL VEGETATION SURROUNDING POLE LOCATIONS. ROAD CROSS WITH TRAFFIC MITIGATION

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

Request Summary Daily Information

03/10/2022

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

08:00 - LZ	LZ	35 32.68'N 120 52.15'W	<no headquarters>	<no county>
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--- - Work Location

22-00356 Request Summary

PERRY 1101 12KV	35 34.09'N 120 58.06'W	Line #: SAP ID: 101947978	LOS PADRES	<no county>	669 ft
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--- - Work Location

PERRY 1101 12KV	35 35.18'N 120 56.46'W	Line #: SAP ID: 101860273	LOS PADRES	<no county>	2011 ft
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--- - Work Location

PERRY 1101 12KV	35 33.87'N 120 57.67'W	Line #: SAP ID: 101946085	LOS PADRES	<no county>	765 ft
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--- - Work Location

PERRY 1101 12KV	35 34.40'N 120 58.30'W	Line #: SAP ID: 101883544	LOS PADRES	<no county>	710 ft
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Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	2200.0 lbs
Special Equipment	Grapple, Cargo Fly Baskets	Billing Number	35312586-5300 100%
Comments	---		35277151-5300 100%
			35214889-5300 100%
			35271015-5300 100%
		Req. Notifications	---

Talk About #	107	Talk Group	107	Talk Radio #	107
CC Recipients	DCSh@pge.com;M5FC@pge.com;S6T9@pge.com				

22-00356 Request Summary

PERRY 1101 12KV	35 34.09'N 120 58.06'W	Line #: SAP ID: 101947978	LOS PADRES	<no county>	669 ft
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--- - **Work Location**

PERRY 1101 12KV	35 35.18'N 120 56.46'W	Line #: SAP ID: 101860273	LOS PADRES	<no county>	2011 ft
-----------------	---------------------------	---------------------------	------------	-------------	---------

--- - **Work Location**

PERRY 1101 12KV	35 33.87'N 120 57.67'W	Line #: SAP ID: 101946085	LOS PADRES	<no county>	765 ft
-----------------	---------------------------	---------------------------	------------	-------------	--------

--- - **Work Location**

PERRY 1101 12KV	35 34.40'N 120 58.30'W	Line #: SAP ID: 101883544	LOS PADRES	<no county>	710 ft
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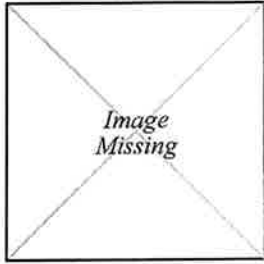
Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	2200.0 lbs
Special Equipment	Grapple, Cargo Fly Baskets	Billing Number	35312586-5300 100%
Comments	---		35277151-5300 100%
			35214889-5300 100%
			35271015-5300 100%
		Req. Notifications	---

Talk About #	107	Talk Group	107	Talk Radio #	107
CC Recipients	DCSh@pge.com;M5FC@pge.com;S6T9@pge.com				

22-00356 - March 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	1	2	3	4	5	
6	8	9	10 08:00 -16:00 UH-1H LZ 35 32.68'N 120 52.15'W	11	12	
13	15	16	17	18	19	
20	22	23	24	25	26	
27	29	30	31			
3	5	6	7	8	9	

22-00406 Request Summary



Requestor	Sara Torres Davalos	Request Date	02/24/2022
LAN ID	S6T9	Work Type	Lift Work
Phone	(805) 610-0536	Lift Work Type	HEC -
Cell	(805) 610-0536		Non-Energized
LOB	Electric GC Distribution	For Contractor	No
Vendor	Guardian Helicopters		

Work Dates

03/10/2022 BELL 407

Approver

Superintendent Helen M Santoro (HMM2)
Robert E Rael (RERB)

HMM2@PGE.COM
(P) (805) 459-7148

(C) (408) 204-6987
(C) (805) 459-7148

Foreman

Scope of Work

SAN LUIS OBISPO
PERRY 1101
CAP-NO
DISPATCH NOTIFICATIONS- NO

USFS/NATIONAL PARK TERRITORY- NO
APPROVAL RECEIVED- N/A

SCOPE- HEC CREWMEN AND EQUIPMENT TO POLE LOCATIONS TO PERFORM POLE SETS. WILL PAIR WITH MEDIUM SHIP PERFORMING POLE SET

LZ- OK, LARGE GRASS FIELD. TREES LINING LZ. TRAFFIC MITIGATION WILL BE PROVIDED ON NEARBY ROAD
LZ DIAMETER VERIFIED FOR (1) TYPE 2 AIRCRAFT AND (1) TYPE 3- 100 FOOT DIAMETER AND 75 FOOT DIAMETER WITH SEPERATION

WORK LOCATION(S)- ARE OK, IN MOUNTAIN TERRAIN, LOW LEVEL VEGETATION SURROUNDING POLE LOCATIONS. ROAD CROSS WITH TRAFFIC MITIGATION

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

Daily Information

03/10/2022

Asset Category: LIGHT

Asset Type: BELL 407

Locations

08:00 - LZ	LZ	35 32.70'N 120 52.16'W	<no headquarters>	<no county>
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Dust/Snow Mitigation Plan: Surface is composed of low vegetative cover.

--- - Work Location

PERRY 1101 12KV	35 34.09'N 120 58.06'W	Line #: SAP ID: 101947978	<no headquarters>	<no county>	669 ft
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22-00406 Request Summary

Dust/Snow Mitigation Plan: ---

--- - **Work Location**

PERRY 1101 12KV 35 35.18'N Line #: SAP ID: 101860273 LOS PADRES <no county> 2011 ft
 120 56.46'W

Dust/Snow Mitigation Plan: ---

--- - **Work Location**

PERRY 1101 12KV 35 33.87'N Line #: SAP ID: 101946085 LOS PADRES <no county> 770 ft
 120 57.67'W

Dust/Snow Mitigation Plan: ---

--- - **Work Location**

PERRY 1101 12KV 35 34.40'N Line #: SAP ID: 101883544 LOS PADRES <no county> 710 ft
 120 58.30'W

Dust/Snow Mitigation Plan: ---

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	600.0 lbs
Special Equipment	HEC Gear	Billing Number	35214889-5300 100%
Comments	---		35271015-5300 100%
			35312586-5300 100%
			35277151-5300 100%
		Req. Notifications	---

Talk About #	107	Talk Group	107	Talk Radio #	107
CC Recipients	DCSh@pge.com;M5FC@pge.com;S6T9@pge.com				

22-00406 - March 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	1	2	3	4	5
6	7	8	9	10 08:00 -16:00 BELL 407 LZ 35 32.70'N 120 52.16'W	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
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 POLE SET AND HEC

WORK ORDER #: 22-00356 22-00406

ADDRESS: SANTA ROSA CREEK ROAD

CITY: TEMPLETON

STATE: CA

LZ 35°32'40.80"N 120°52'8.97"W

101947978 35°34'5.40"N 120°58'3.60"W

101860273 35°35'10.80"N 120°56'27.60"W

101946085 35°33'52.36"N 120°57'40.29"W

101883544 35°34'24.06"N 120°58'17.87"W

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: HELEN M. SANTORO

PHONE#: **408-204-6987**

CONTACT FORMAN: ROBERT E RAE

PHONE#: **805-459-7148**

PILOT'S NAME(S):

1. MICHAEL KLINK CERT#: 3018828

2. BUCKEY MACKAY CERT #: 2778051

3. IAN GOODALE CERT#: 3741973

4. ROSS GOULET CERT#: 3396777

5. TREVOR NEEDHAM CERT#: 3597668

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

BELL 205A1 N# N211GH A/C CATEGORY: STANDARD

AS350 B2 N# N498PT A/C CATEGORY: STANDARD

AS350BA N# N55TV 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: **(2) POLE SET 45 CL 2 1750 LBS** LOAD: EXT CL B TYPE OF ITEM LIFTING: ☐AERODYNAMIC ☒ NON- AERODYNAMIC LONG LINE: (NO) (YES) **XXX LESS 200 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
3-10-2022	SUNRISE	SUNSET	2-28-2022
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PISMO BEACH POLICE DEPARTMENT	805-773-2208	DISPATCH	NOTIFIED
CALFIRE SLO COUNTY FIRE DEPARTMENT		DISPATCH	NOTIFIED

Evacuation**Crowd Control****Street Closure**☒ No Evacuated Structures☒ Operator☒ Yes ☐ No☐ Evacuated Structures☒ Contractor☒ Contractor☐ Operator



Part 135 GH 4A Part 133 GH 4L

NON Congested Area Plan

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

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.

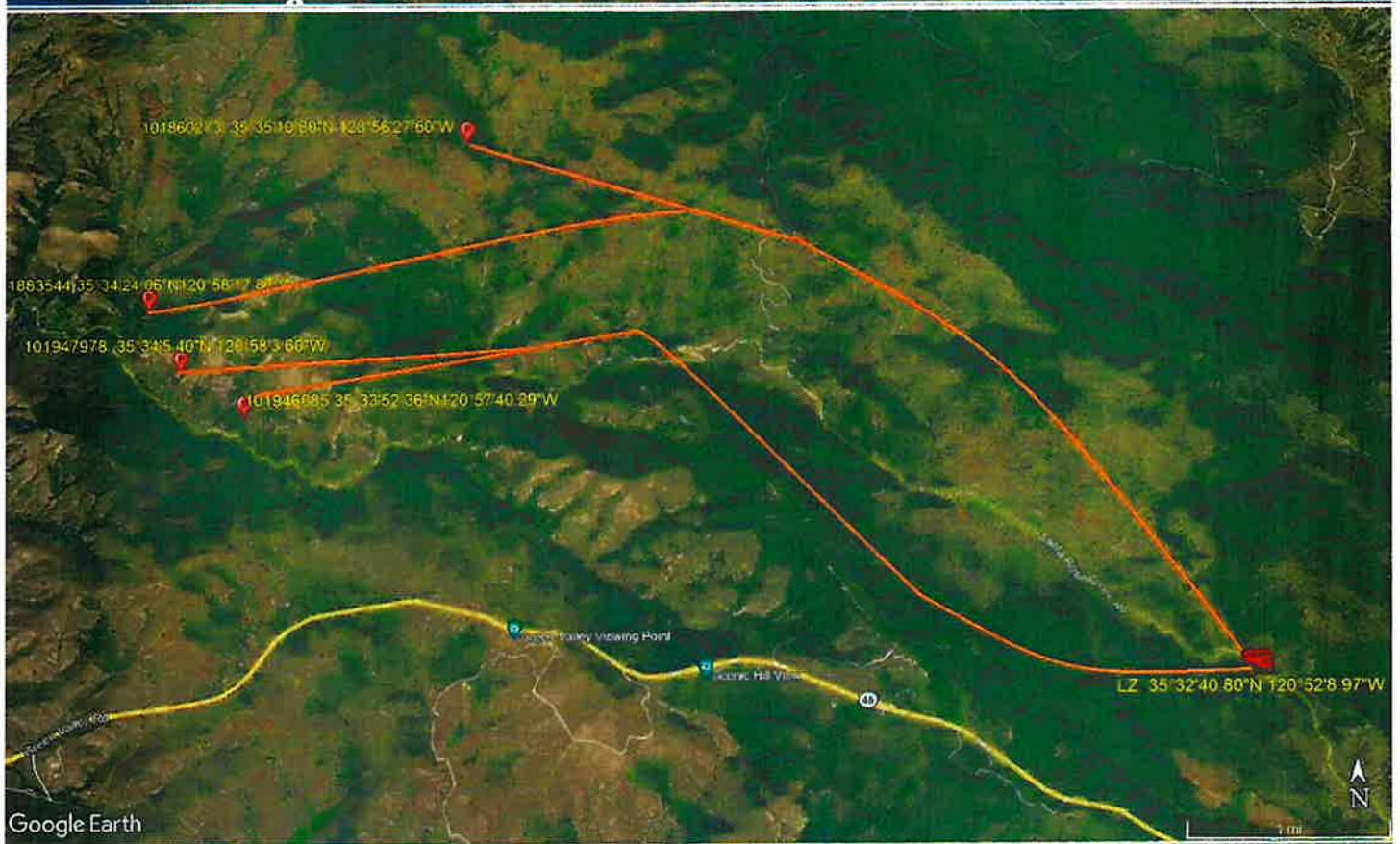
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

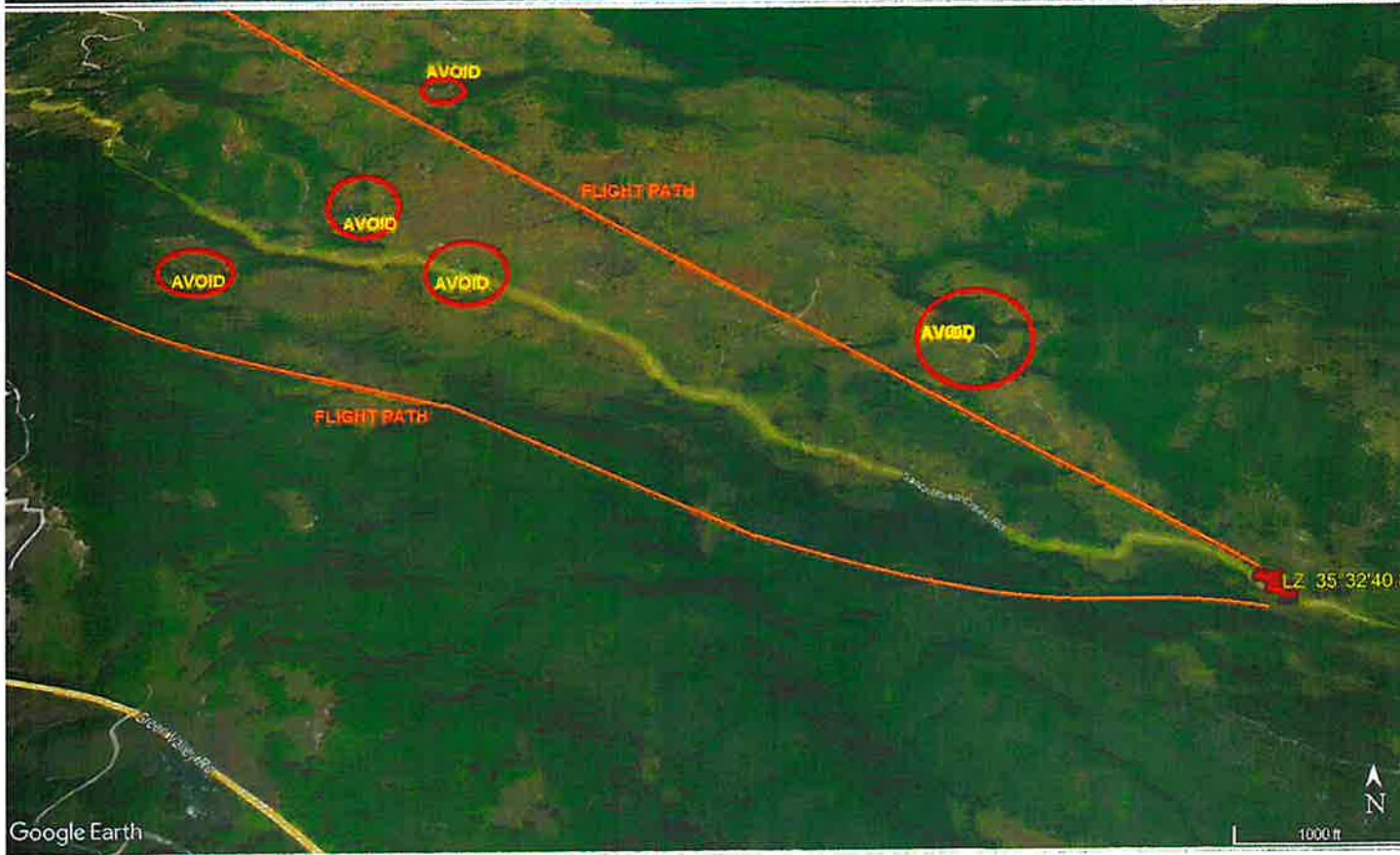
PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

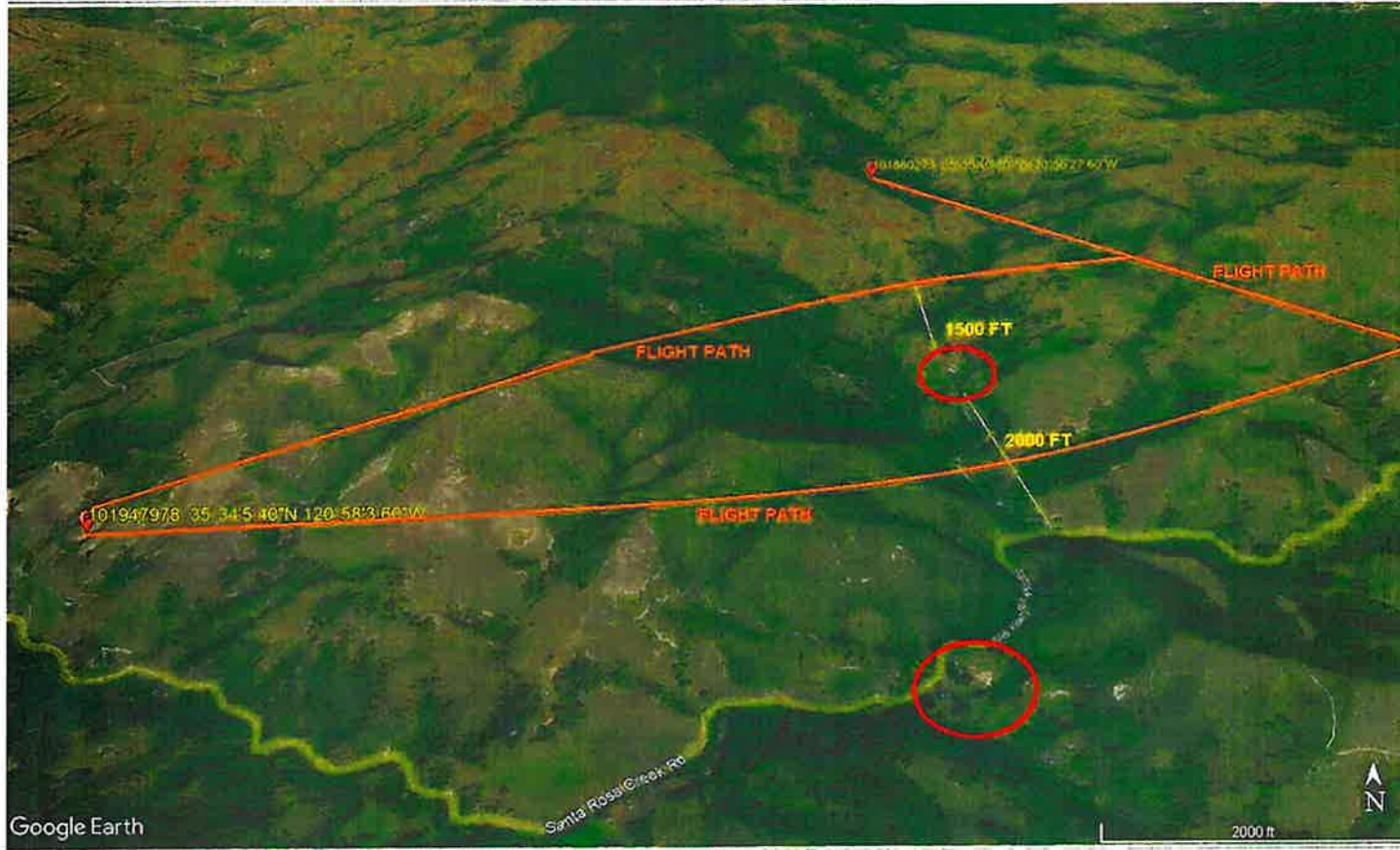
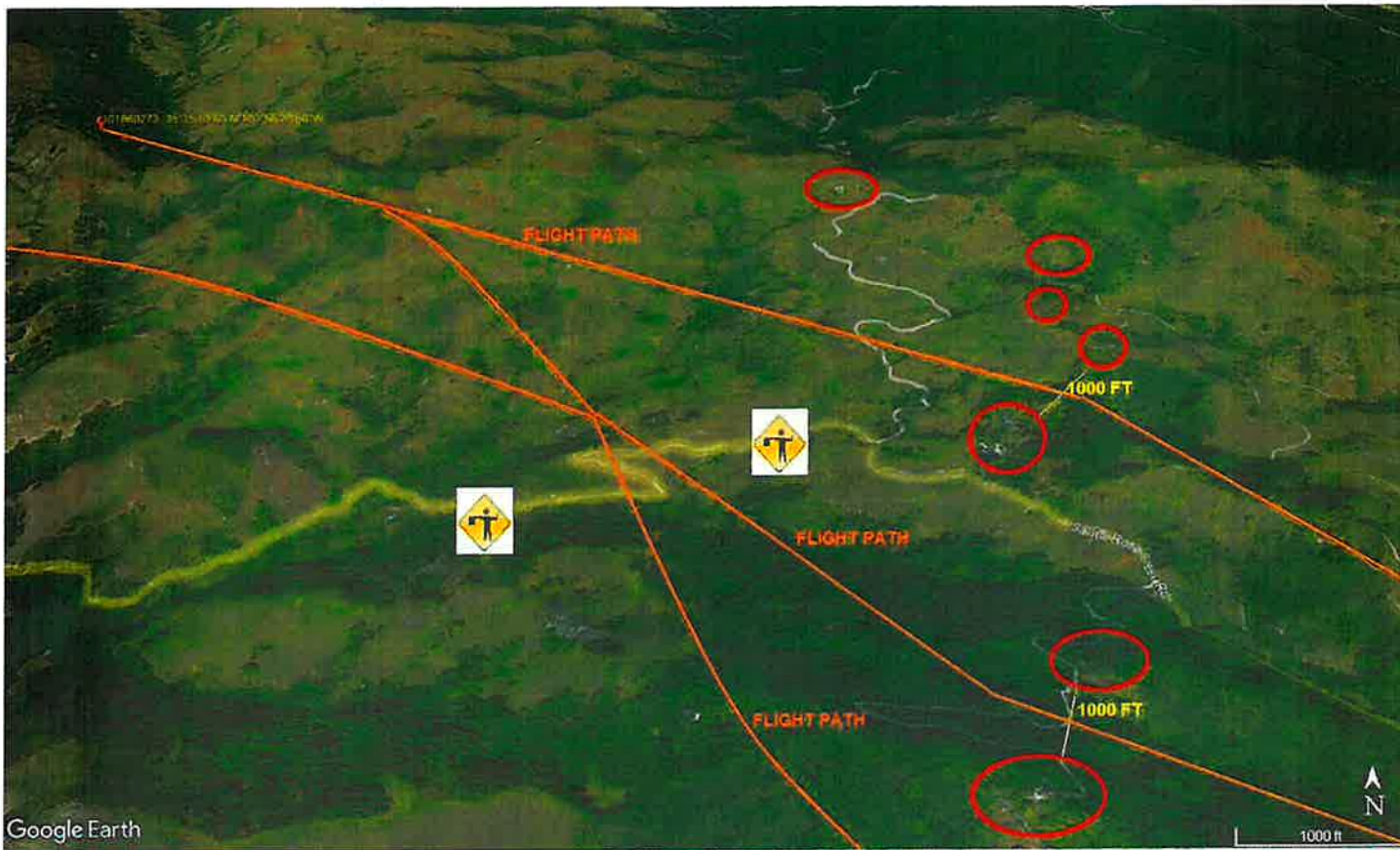
1. BOTH HELICOPTERS WILL LAND AT THE LZ STAGING AREA TO CONDUCT A TAILBOARD.
2. HEC TRAINING WILL BE CONDUCTED AT THE LZ
3. WATER TRUCK REQUIRED AT LZ STAGING AREA
4. POLES WILL BE STAGED AT STAGING AREA
5. NO EVACUATIONS
6. IF REQUIRED FLAGMAN WILL PROVIDE TEMP. STREET CLOSURE

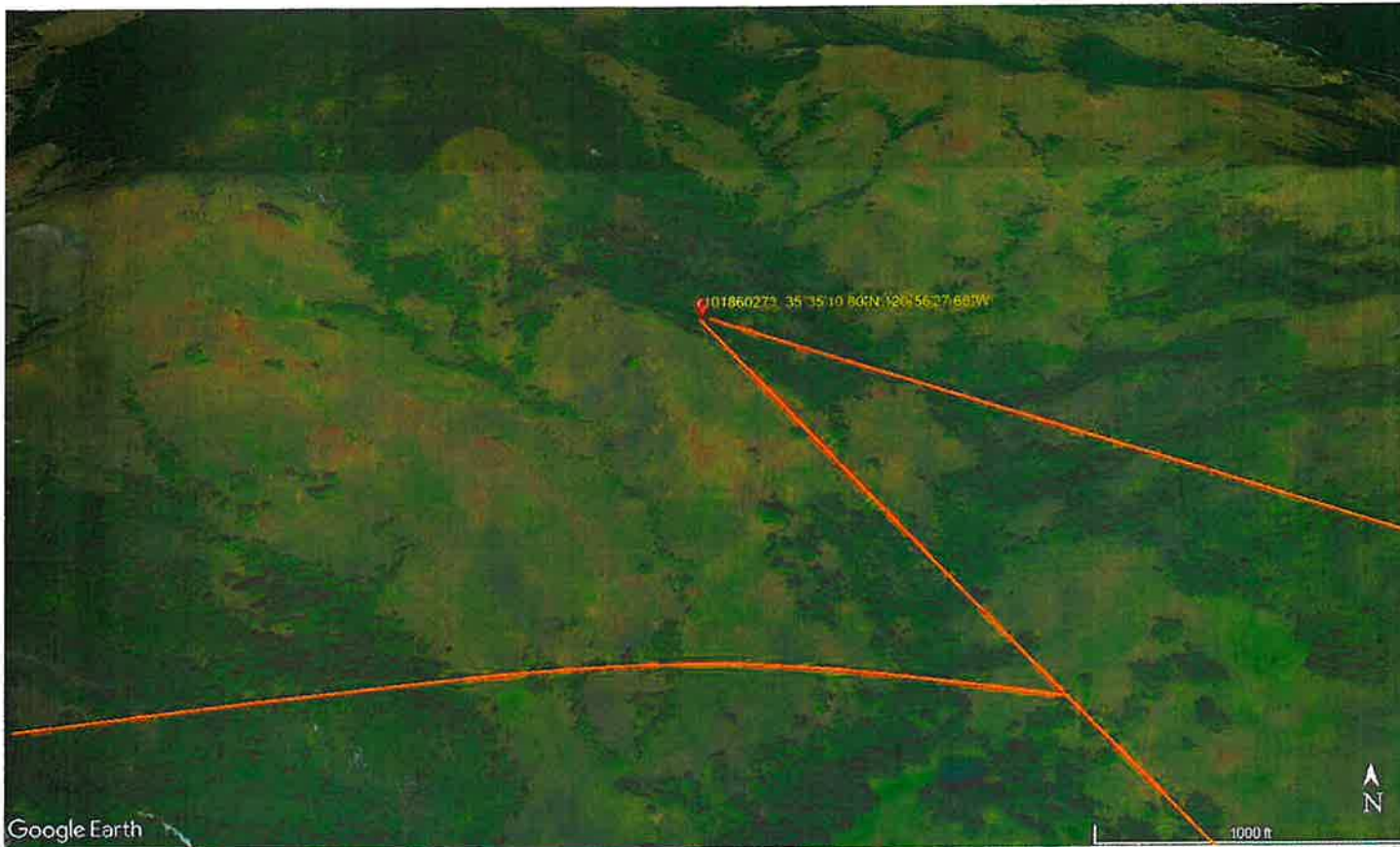
LEGEND

<u>SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH</u>		
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. Jentura

12-28-2023

DATE OF SURVEY

STATE OF CALIFORNIA
 COUNTY OF TULARE
 DISTRICT OF TULARE