

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *4-27-2022*
- ☐ GHI CREW INTRODUCTION *4/26/2022 mob*
- ☐ IS A TRANSLATOR REQUIRED *Non-CAP*
- ☐ WORK STOP AUTHORITY *55cl ± 2500CBS*
- ☐ DESIGNATE A 911 CALLER *UH-1H*
- ☐ 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

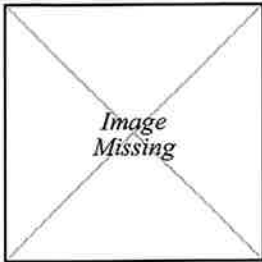
PROCEDURES

- ☐ 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

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: 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

22-00760 Request Summary



Requestor	Justin K Spence	Request Date	04/08/2022
LAN ID	J227	Work Type	Lift Work
Phone	(661) 282-0196	Lift Work Type	Cargo
Cell	(661) 282-0196	For Contractor	No
LOB	Electric Distribution		
Vendor	Guardian Helicopters		

Work Dates

04/26/2022 - 04/27/2022 UH-1H

Approver	Supervisor Michael E Bock (MEBH)	MEBH@pge.com	(C) (707) 695-8997
Foreman	Tanner A Leckenby (TALI)	(P) (208) 329-0208	(C) (208) 329-0208

Scope of Work
 NAPA COUNTY
 SILVERADO 2102 21KV
 CAP- NIL
 RQD NOTIFICATIONS- NIL

USFS/NATIONAL PARK TERRITORY- NIL
 NOTIFICATIONS MADE- NIL

SCOPE- HELICOPTER TO ASSIST TO REPLACE 40' CL 5 POLE WITH A NEW WOOD 55' CLASS 1 POLE (2300 POUNDS). WE WILL HAVE POLE FRAMED WITH A CROSS ARM INSTALLED. ALSO, WILL NEED HELICOPTER TO FLY 2 BAGS OF ROCK WL.

LZ/WORK LOCATION INFORMATION-

LZ- OK, LARGE OPEN LOT WITH A FEW SMALL BUILDINGS WITHIN 300 FT AND TREES NEAR BY. PER REQUESTER, LZ APPROVAL RECIEVED FROM CAL FIRE, BUILDINGS WILL BE CLEARED/EVACUATED AND WATER TRUCK WILL BE ON SITE.
 LZ DIAMETER VERIFIED FOR TYPE 2 AIRCRAFT- 150 FEET DIAMETER

WL- OK, SMALL SLOPE AND IN VINEYARD. PER REQUESTER, THE HOME WITHIN 300 FT OF WL IS A VACATION HOME AND HE WILL ENSURE THE HOME OWNER IS NOTIFIED/EVACUATED.

****REQUESTER TO ENSURE TRAFFIC MITIGATION IN PLACE, AS NEEDED****

Daily Information

04/26/2022

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

14:00 - LZ	POSITION LEG CN67-TBD	38 26.52'N 122 20.92'W	<no headquarters>	<no county>	240 ft
Est. Use Hours	4.00	Vendor	Guardian Helicopters		
Contract	---	Over Water	No		
Undergrounding	No	Fuel Truck	Yes		
Project		Special Equipment	Grapple		
Cargo Weight	3000.0 lbs	Comments	---		

22-00760 Request Summary

Billing Number	35208758-5300 100%
Req. Notifications	Cal Fire - Northwest Region,

22-00760 Request Summary

04/27/2022

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

08:30 - LZ	LZ- 7300 SILVERADO TRAIL NAPA	38 26.52'N 122 20.92'W	<no headquarters>	<no county>	240 ft
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--- - Work Location

SILVERADO 2102 21KV	38 27.47'N 122 21.69'W	Line #: 102256511	NORTH BAY	<no county>	450 ft
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Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Undergrounding	No	Fuel Truck	Yes
Project		Special Equipment	Grapple
Cargo Weight	3000.0 lbs	Comments	---
Billing Number	35208758-5300 100%		
Req. Notifications	Cal Fire - Northwest Region,		

Talk About #	UNKNOWN	Talk Group	UNKNOWN	Talk Radio #	UNKNOWN
CC Recipients	BTSA@pge.com				

22-00760 - April 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	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 -18:00 UH-1H POSITION LEG.. 38 26.52'N 122 20.92'W	27 08:30 -16:30 UH-1H LZ- 7300 SILVERADO.. 38 26.52'N 122 20.92'W	28	29	30
1	2	3	4	5	6	7



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 REPLACEMENT WORK ORDER #: 22-00760

ADDRESS: SILVERADO TRAIL CITY: NAPA STATE: CA

LZ 38°26'31.44"N 122°20'55.36"W

102256511 38°27'28.27"N 122°21'41.61"W

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: MICHAEL BOCK PHONE#: 707-695-8997

CONTACT FORMAN: TANNER LECKENBY PHONE#: 208-329-0208

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 407 N# N999GH A/C CATEGORY: STANDARD
BELL 407 N# N111GH 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: 55 CL 1 2500 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
4-26-2022	SUNRISE	SUNSET	4-21-2022
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
NAPA COUNTY FIRE DEPARTMENT	707-944-8887	DISPATCH	NOTIFIED
		DISPATCH	NOTIFIED

Evacuation

☐ No Evacuated Structures
☒ Evacuated Structures

Crowd Control

☒ Operator
☒ Contractor

Street Closure

☐ Yes ☒ No
☒ 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
REMOTE NO EVACUATION	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 LZ STAGING AREA TO CONDUCT A TAILBOARD AND HEC TRAINING
2. WATER TRUCK REQUIRED AT LZ STAGING AREA
3. REMOTE AREA ROADS NO STREET CLOSURES
4. REMOTE AREA NO EVACUATIONS

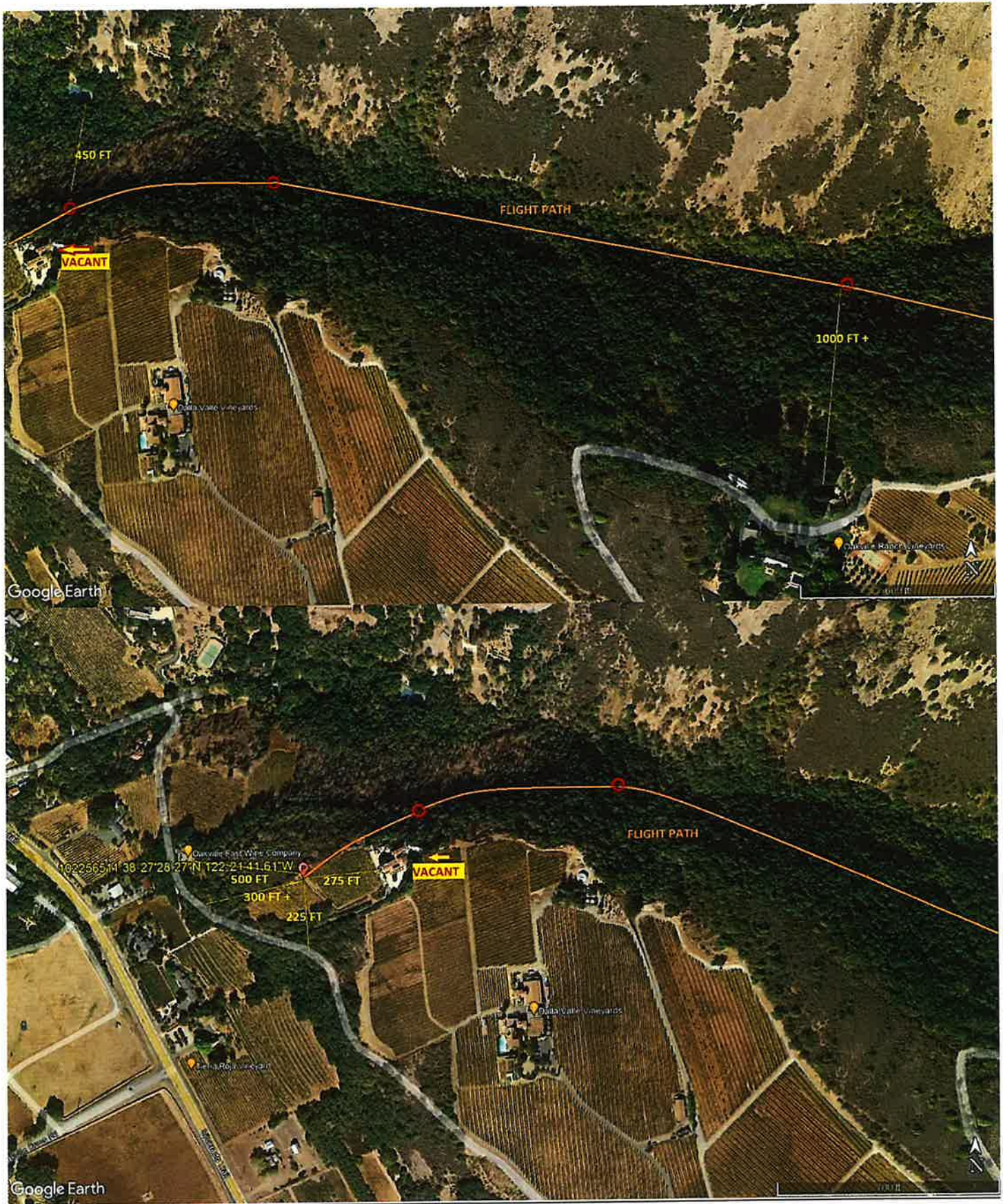
LEGEND

<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)	











4-21-2022

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator