

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *PGE 22-01267*
- ☐ GHI CREW INTRODUCTION *N7776H NON-CAP*
- ☐ IS A TRANSLATOR REQUIRED *65H4 2800 LBS LDSP*
- ☐ WORK STOP AUTHORITY *6-14-6-15-2022*
- ☐ 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:	
Support Crew:	
Location:	
Mission:	
Aircraft:	

[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

22-01267 Request Summary (Guardian Helicopters)



Requestor	Adam M Cole	Request Date	06/01/2022
LAN ID	amcw	Work Type	Lift Work
Phone	(916) 871-5614	Lift Work Type	Cargo
Cell	(916) 871-5614	For Contractor	No
LOB	Electric Transmission Line		
Vendor	Guardian Helicopters		

Work Dates

06/14/2022 - 06/15/2022 UH-1H

Approver	Supervisor David A Wiley (dawn)	DAWN@PGE.COM	(C) (530) 228-3079
Foreman	Christopher R Utterback (Cru1)	(P) (530) 450-5285	(C) (530) 450-5285

Scope of Work NEVADA & PLACER COUNTY
DEER CREEK-DRUM
CAP- NIL
RQD NOTIFICATIONS- AUN HYDRO

USFS/NATIONAL PARK TERRITORY- NIL
NOTIFICATIONS MADE- NIL

SCOPE- HELICOPTER TO TRANSPORT TOOLS, MATERIALS, AND POLE TO WL'S FOR POLE REPLACEMENT. FULLY FRAMED LDSP- 65 FT, H4- APPROX 2800 LBS.

LZ/WORK LOCATION INFORMATION-
LZ- OK, DIRT YARD WITH TREES AND DISTRIBUTION CIRCUIT IN PROXIMITY.
PER REQUESTER, LZ APPROVAL RECIEVED AND WATER WILL BE ON SITE.
LZ DIAMETER VERIFIED FOR TYPE 2 AIRCRAFT- 100 FEET DIAMETER

WL- OK, WITHIN TERRIAN WITH TREES.

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

Daily Information

06/14/2022 - 06/15/2022

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

08:00 - LZ	LZ- PG&E RD	39 16.10'N 120 43.57'W	<no headquarters>	<no county>
--- - Work Location				
60062 DEER CREEK-DRUM		39 16.87'N 120 50.25'W	Line #: 1/30 SACTO	<no county> 4080 ft

22-01267 Request Summary (Guardian Helicopters)

--- - Work Location

60062 DEER CREEK-DRUM	39 16.43'N 120 50.07'W	Line #: 1/42	SACTO	<no county>	4339 ft
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--- - Work Location

60062 DEER CREEK-DRUM	39 16.09'N 120 49.93'W	Line #: 2/50	SACTO	<no county>	4330 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	None
Cargo Weight	3000.0 lbs	Comments	---
Billing Number	31539392 100%		
Req. Notifications	---		

Talk About #	106	Talk Group	6101	Talk Radio #	5286
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22-01267 (Guardian Helicopters) - June 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14 08:00 -16:00 UH-1H LZ- PG&E RD 39 16.10'N 120 43.57'W	15 08:00 -16:00 UH-1H LZ- PG&E RD 39 16.10'N 120 43.57'W	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9



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 WORK ORDER #: 21-02062 22-01267ADDRESS: PGE ROAD CITY: GRASS VALLEY STATE: CA.LZ 39°16'5.99"N 120°43'34.19"W1/30 39°16'52.23"N 120°50'14.96"W1/42 39°16'25.80"N 120°50'4.20"W2/50 39°16'5.45"N 120°49'55.74"W65 FT LDSP H4 2800 LBSSEE ATTACHED FLIGHT REQUEST AND KMZ FILECONTACT REQUESTOR: DAVID WILEYPHONE#: 530-228-3079CONTACT FORMAN: CHRISTOPHER UTTERBACKPHONE#: 530-450-5285PILOT'S NAME(S): 1. MICHAEL KLINK CERT#: 30188282. BUCKEY MACKAY CERT #: 27780513. IAN GOODALE CERT#: 37419734. ROSS GOULET CERT#: 33967775. TREVOR NEEDHAM CERT#: 3597688TYPE OF AIRCRAFT: BELL UH-1H N# N777GH A/C CATEGORY: RESTRICTEDBELL 407 N# N407GH A/C CATEGORY: STANDARDBELL 407 N# N447GH A/C CATEGORY: STANDARDBELL 407HP N# N111GH A/C CATEGORY: STANDARDBELL 205A1 N# N216GH A/C CATEGORY: STANDARDBELL 205A1 N# N211GH A/C CATEGORY: STANDARDAS350 B2 N# N498PT 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: 65 H4 LDSP 2800 LBS LOAD: EXT CL B TYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒NON- AERODYNAMIC LONG LINE: (NO) XXX (YES) LESS 150 FT (LENGTH) OPERATIONALALTITUDE: < 250 AGL STREET CLOSING: (NO) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-14 6-15-2022	SUNRISE	SUNSET	6-9-2022
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PLACER COUNTY SHERIFF DEPARTMENT	530-346-2256	DISPATCH	NOTIFIED
COLFAX FIRE STATION	530-346-2323	DISPATCH	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.

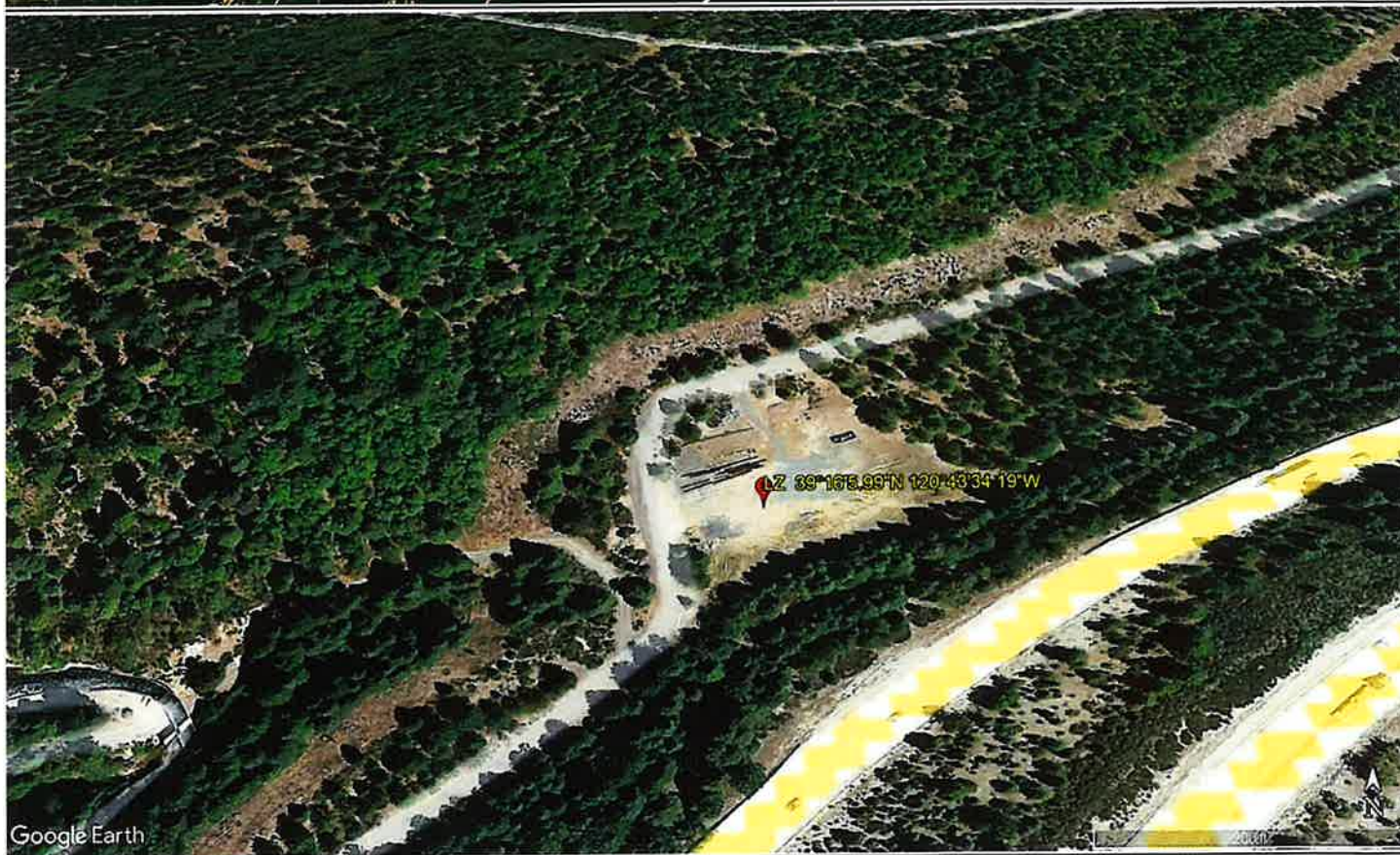
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

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 STAGED AT THE LZ
4. ALL BUILDINGS WITHIN 300 FT OF STRUCTURE OR FLIGHT PATH SEE DIAGRAM BELOW
5. CONTRACTOR WILL PROVIDE TREE TRIMMING AS REQUIRED
6. NOTIFY CUSTOMERS NEAR OPERATING AREA OF ACTIVITIES

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)	





6-9-2022

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator