

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

21-01392
(1) 45C4 1300LBS
CAVgo 2500LBS
NONCAP
PGE yubaCounty
Pike city
8-17-2021

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

21-01392 Request Summary (Guardian Helicopters)



Requestor	Shelby D Eastom-Plum	Request Date	07/09/2021
LAN ID	SDE9	Work Type	Lift Work
Phone	(707) 449-5832	Lift Work Type	Cargo
Cell	(707) 564-5073	For Contractor	Yes
LOB	Electric Distribution		HENKELS &
Vendor	Guardian Helicopters		McCOY

Work Dates
08/17/2021 UH-1H

Approver Supervisor James A Moon Jr. (J6M5) J6M5@pge.com (C) (530) 913-3995

Scope of Work YUBA COUNTY
PIKE CITY 1101
CAP- NIL
RQD NOTIFICATIONS- NIL

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

CONTACTS-
REQUESTOR- RYAN OBERG 530-312-5536
FOREMAN- AUSTIN IRZYK 541-993-9772
PGE PM- RICH WOOD (R6WD)

SCOPE- HEC SHIP TO TRANSPORT MEN, MATERIALS, TOOLS TO WL TO ASSIST WITH
NEW POLE SET, HUEY TO TRANSPORT MATERIALS, ROCK BAGS TO WL FOR POLE SET.
(1) FRAMED WOOD POLE: 45 FOOT, CLASS 4- 1269 POUNDS.

PAIRS WITH HEC REQUEST # 21-01393

LZ/WORK LOCATION INFORMATION-
LZ- OK, NO OBSTRUCTIONS- WATER BUFFALO WILL BE ON SITE. PER REQUESTER, LZ
APPROVAL RECIEVED AND IS MORE CLEAR THEN DEPICTED ON GOOGLE EARTH
(CONFIRMED NO BUILDINGS WITHIN 300 FT OF LZ).
LZ DIAMETER VERIFIED FOR TYPE 2 & 3 AIRCRAFT- 200 FEET DIAMETER

WL- OK, NO OBSTRUCTIONS.

REQUESTER TO ENSURE TRAFFIC MITIGATION IN PLACE

Daily Information

21-01392 Request Summary (Guardian Helicopters)

08/17/2021

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

08:00 - LZ	LZ	39 25.34'N 121 03.98'W	<no headquarters>	<no county>	1810 ft
------------	----	---------------------------	-------------------	-------------	---------

--- - Work Location

PIKE CITY 1101 12KV	39 25.86'N 121 04.36'W	Line #: 100084416	SIERRA	<no county>	1995 ft
---------------------	---------------------------	-------------------	--------	-------------	---------

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	2500.0 lbs
Special Equipment	---	Billing Number	35202837-5300 100%
Comments	---	Req. Notifications	---

Talk About #	H&M Ch8 RX/TX	Talk Group	H&M Ch8 RX/TX	Talk Radio #	H&M Ch8 RX/TX
	451.8000 DPL		451.8000 DPL		451.8000 DPL
	712 UHF		712 UHF		712 UHF

21-01392 (Guardian Helicopters) - 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 08:00 -16:00 UH-1H LZ 39 25.34'N 121 03.98'W	18	19	20	21
22	23	24	25	26	27	28
29	30	31		2	3	4
5	6	7	8	9	10	11
12						



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 #: 20-01392

ADDRESS: CELESTIAL VALLEY RD CITY: CAMPTONVILLE STATE: CA

LZ STAGING AREA 39°25'20.21"N 121° 3'58.81"W

100084416 39°25'51.60"N 121° 4'21.60"W

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: RYAN OBERG

PHONE#: 530-312-5536

CONTACT FORMAN: AUSTIN IRZYK

PHONE#: 541-993-9772

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: 45 CL 4 1300 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
8-17-2021	SUNRISE	SUNSET	8-5-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SIERRA COUNTY SHERIF	530-289-3700	DISPATCH	NOTIFIED
PIKE CITY FIRE DEPARTMENT	530-288-0624	DISPATCH	NOTIFIED
CAMPTONVILLE FIRE DEPARTMENT	530-288-0207	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.

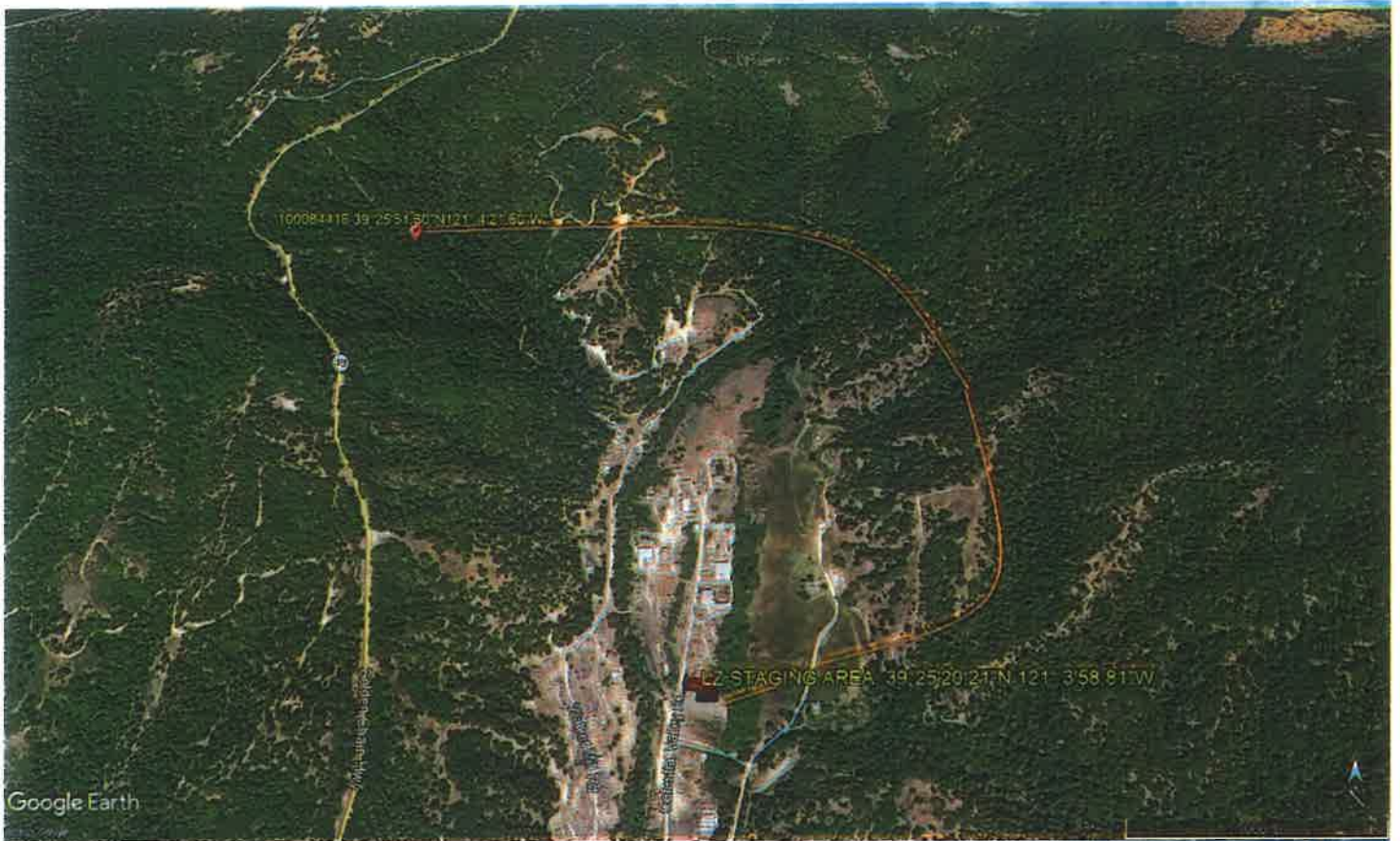
PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND AT THE LZ TO CONDUCT TAILBOARD
2. GHI WILL PROVIDE POLE SET CARGO SEPARATE COMPANY WILL PROVIDE HEC
3. POLE WILL BE STAGED AT LZ STAGING AREA
4. WATER TRUCK IS REQUIRED AT LANDING ZONE
5. GOLD CHAIN ROAD WILL NEED TO BE CLOSED WHILE CONDUCTING EXTERNAL LOAD WORK
6. NO EVACUATIONS
7. 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)	





8-8-2021
DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE
Jeffrey M. Teubner Flight Coordinator