

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *PGE 22-01279*
- ☐ GHI CREW INTRODUCTION *N777GH*
- ☐ IS A TRANSLATOR REQUIRED *NON-CAP*
- ☐ WORK STOP AUTHORITY *6-21-2022*
- ☐ 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

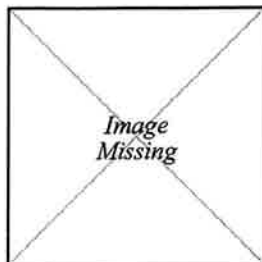
PROCEDURES

- ☐ 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

[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

22-01279 Request Summary



Requestor	Shelby D Eastom-Plum	Request Date	06/02/2022
LAN ID	SDE9	Work Type	Lift Work
Phone	(707) 564-5073	Lift Work Type	Cargo
Cell	(707) 564-5073	For Contractor	Yes
LOB	Electric GC Distribution		SUMMIT LINE
Vendor	Guardian Helicopters		

Work Dates

06/21/2022 UH-1H

Approver

Supervisor James D Hunter (JDHF)

JDHf@pge.com

(C) (559) 903-3893

Scope of Work

MARIPOSA COUNTY
MARIPOSA 2101 21KV
CAP- NIL
RQD NOTIFICATIONS- NIL

USFS/NATIONAL PARK TERRITORY- NIL
NOTIFICATIONS MADE- NIL

CONTACTS-
REQUESTOR- TANNER MEEKS 435-406-7110
FOREMAN- JAYCEN TATE 435-230-4669
PGE PM- WALEEP BURRELL (W1BX) & JIM HUNTER (JDHF)

SCOPE- HELICOPTER TO TRANSPORT MATERIALS, 2500 LB ROCK BAGS, TOOLS, AND POLE TO WL'S FOR POLE SETS. LARGEST POLE IS FRAMED WOOD- 50 FT, CL 2- 2000 LBS.

LZ/WORK LOCATION INFORMATION-
LZ- OK, BUILDINGS IN PROXIMITY AND MORE CLEARED THAT DEPICTED ON GE. PER REQUESTER, LZ APPROVAL RECIEVED AND WATER TRUCK WILL BE ON SITE.
LZ DIAMETER VERIFIED FOR TYPE 2 AIRCRAFT- 200 FEET DIAMETER

WL- OK, NO OBSTRUCTIONS BUT WITHIN 300 FT OF HWY 49.

****REQUESTER TO ENSURE TRAFFIC MITIGATION IN PLACE****

Daily Information

06/21/2022

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

07:30 - LZ	LZ	37 27.72'N 119 56.68'W	<no headquarters>	<no county>	1860 ft
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22-01279 Request Summary

--- - Work Location

PICK SITE 37 27.74'N <no headquarters> <no county>
 119 55.29'W

--- - Work Location

MARIPOSA 2102 21KV 37 27.65'N Line #: 101087922 YOSEMITE <no county> 2365 ft
 119 55.38'W

--- - Work Location

MARIPOSA 2102 21KV 37 27.65'N Line #: 103840580 YOSEMITE <no county> 2365 ft
 119 55.44'W

--- - Work Location

MARIPOSA 2102 21KV 37 27.65'N Line #: 101087935 YOSEMITE <no county> 2325 ft
 119 55.63'W

--- - Work Location

MARIPOSA 2102 21KV 37 27.64'N Line #: 102322999 YOSEMITE <no county> 2180 ft
 119 55.85'W

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Undergrounding	No	Fuel Truck	Yes
Project		Special Equipment	---
Cargo Weight	2500.0 lbs	Comments	---
Billing Number	35269860-5300 25%		
	35269865-5300 25%		
	35086144-5300 25%		
	35086141-5300 25%		

Req. Notifications ---

Talk About #	CH 2 RX/TX	Talk Group	CH 2 RX/TX	Talk Radio #	CH 2 RX/TX
	464.5 TONE		464.5 TONE		464.5 TONE
	CODE 131.8 T/A		CODE 131.8 T/A		CODE 131.8 T/A
	A		A		A

22-01279 - 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	15	16	17	18
19	20	21 07:30 -15:30 UH-1H LZ 37 27.72'N 119 56.68'W	22	23	24	25
26	27	28	29	30	1	2
3	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 WORK ORDER #: 22-01279

ADDRESS: GOLDEN CHAIN HWY CITY: MAROPOSA STATE: CA.

LZ 37°27'43.58"N 119°56'40.54"W

POLE STAGING AREA 37°27'44.29"N 119°55'17.65"W

50 FT CL 2 200 LBS 2500 LBS ROCK BAG

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: TANNER MEEK

PHONE#: 435-406-7110

CONTACT FORMAN: JAYCEN TATE

PHONE#: 435-230-4669

PILOTS:

1. MICHAEL KLINK CERT#: 3018828

2. BUCKEY MACKAY CERT #: 2778051

3. IAN GOODALE CERT#: 3741973

4. ROSS GOULET CERT#: 3396777

5. TREVOR NEEDHAM CERT#: 3597688

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 407HP 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

IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDITIONAL LIFTS THE LIFTS WILL BE CONDUCTED REMAINING WITHIN THE APPROVED TIME PARAMETERS.

TYPE OF LIFTS: 50 FT CL 2 2000 LBS 2500 LBS ROCK BAG 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
6-21-2022	SUNRISE	SUNSET	6-9-2022
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
MARIPOSA COUNTY SHERIFF	209-966-3615	DISPATCH	NOTIFIED
MARIPOSA COUNTY FIRE MORMAN	209-966-4661	BAR COMPANY 27	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

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.

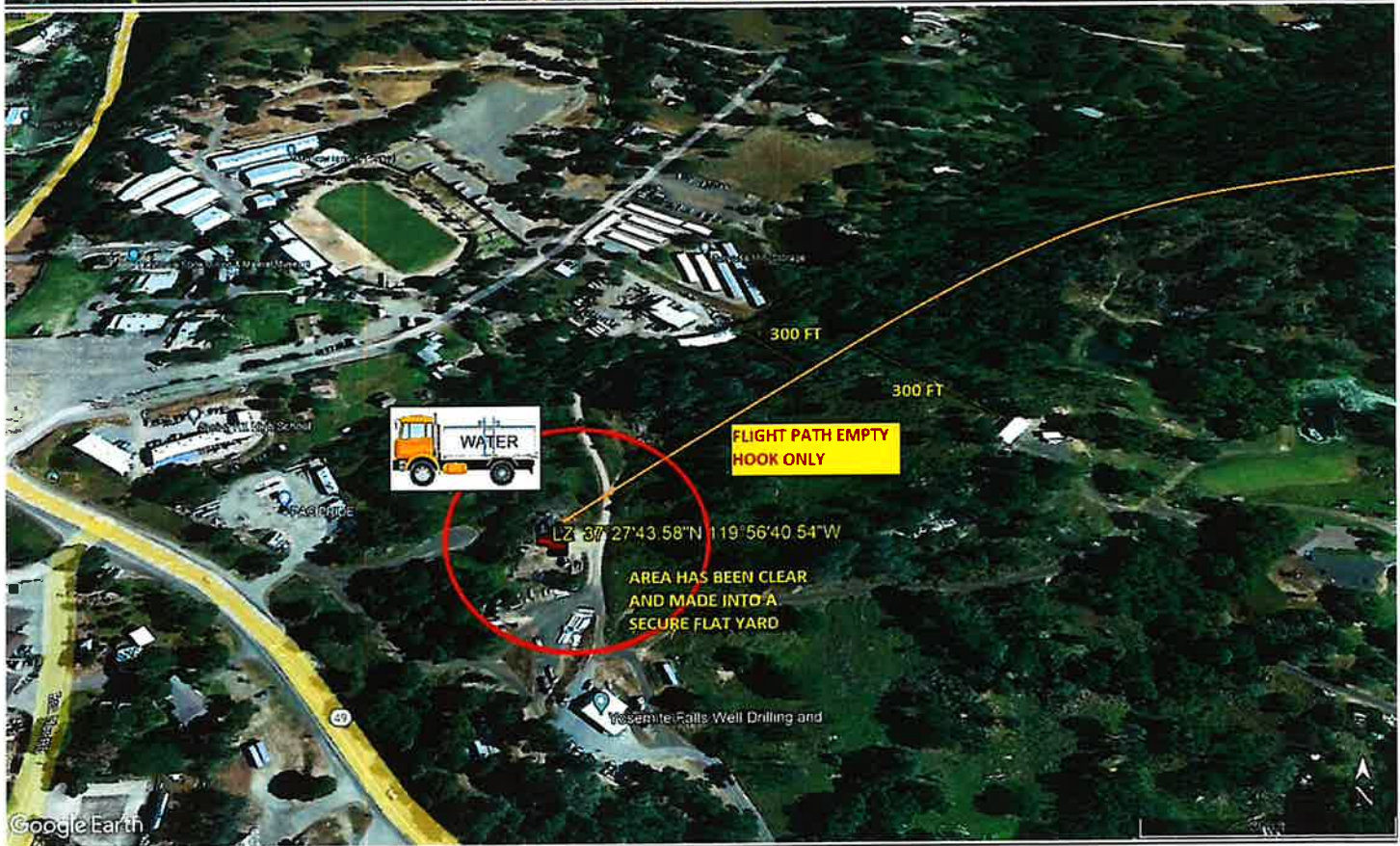
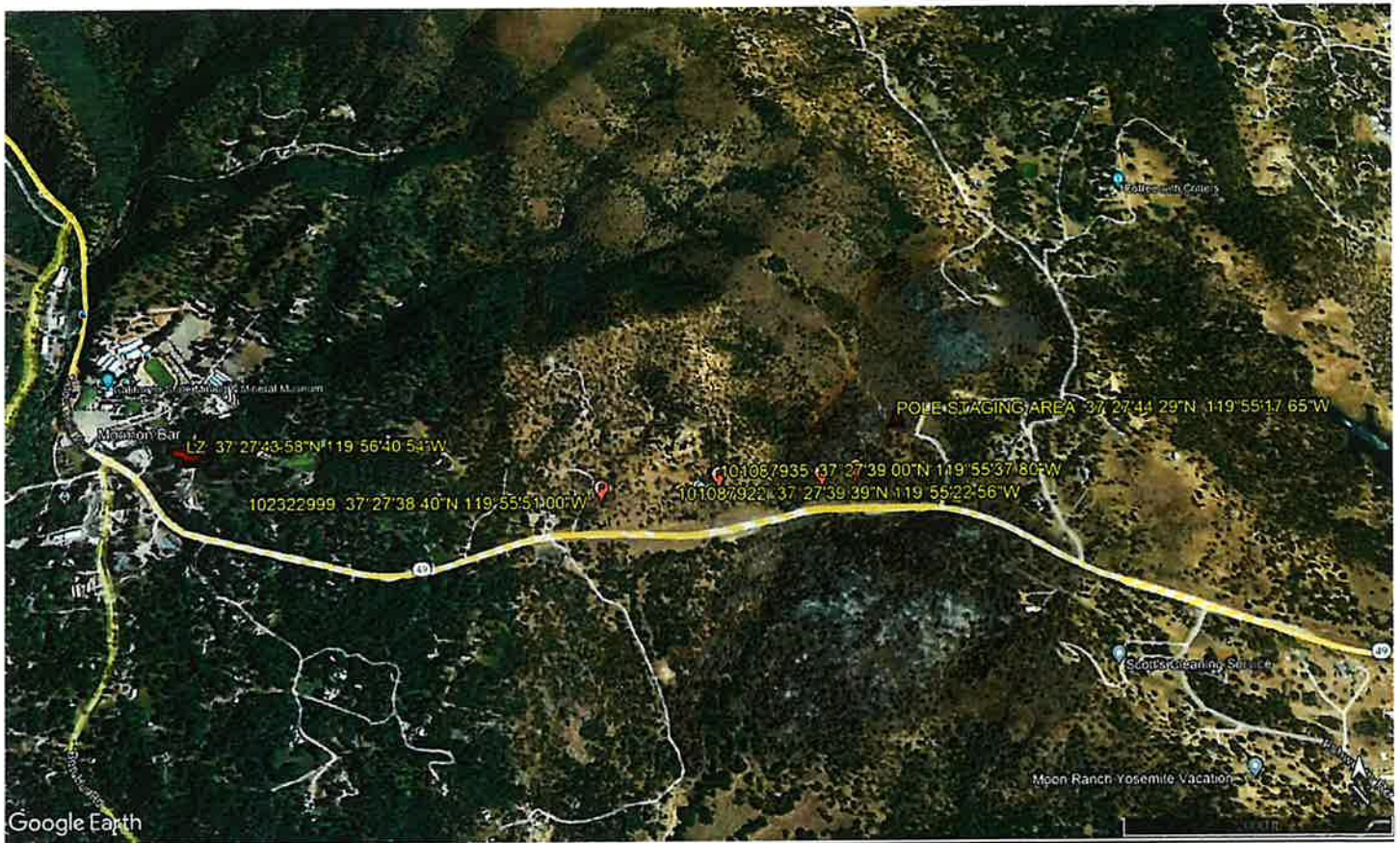
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

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

1. HELICOPTER WILL LAND AT LZ TO CONDUCT TAILBOARD
2. WATER TRUCK IS REQUIRED AT LZ AND POLE PICKUP SITE
3. POLE WILL BE STAGED AT THE PICK UP SITE
4. STREET CLOSURE PER DIAGRAM

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)	









6-9-2022

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator