

GUARDIAN

HELICOPTERS, INC.

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *PGE 21-01796 8-27-2021*
- ☐ GHI CREW INTRODUCTION *(2) 45 C13 Load 1700 LBS @ 2100 FT*
- ☐ IS A TRANSLATOR REQUIRED *NON-CAP*
- ☐ 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

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:

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

21-01796 Request Summary



Requestor	Justin T Hensel	Request Date	08/13/2021
LAN ID	JTHM	Work Type	Lift Work
Phone	(559) 231-4659	Lift Work Type	Cargo
Cell	(559) 231-4659	For Contractor	No
LOB	Electric GC Distribution		
Vendor	Guardian Helicopters		

Work Dates

08/27/2021 BELL 407

Approver

Supervisor Brian L Carpenter (BLC0)

BLC0@PGE.COM

(C) (559) 903-2070

Foreman

Cory L Wortham (CLWP)

(P) (559) 341-3960

(C) (559) 341-3960

Scope of Work

FRESNO COUNTY
AUBERRY 1102
CAP- NIL
RQD NOTIFICATIONS- AUBERRY HYDRO

USFS/NATIONAL PARK TERRITORY- NIL
NOTIFICATIONS MADE- NIL

SCOPE- HELICOPTER WILL BE REQUIRED TO REPLACE/SET 2 POLES IN AUBERRY AREA.
HELICOPTER WILL FLY POLES, MATERIALS, 1200 LB. BAGS OF ROCK. WOOD POLES- 45
FOOT, CLASS 3: 1700 POUNDS, WILL BE FIRE WRAPPED BUT NOT FRAMED.

LZ/WORK LOCATION INFORMATION-

LZ- OK, NO OBSTRUCTIONS.

LZ DIAMETER VERIFIED FOR TYPE 3 AIRCRAFT- 75 FEET DIAMETER

WL- OK, NO OBSTRUCTIONS. REQUESTER TO ENSURE ANY HOMES OR STRUCTURES
WITHIN 300 FEET OF WORK LOCATION ARE EVACUATED.

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

Daily Information

08/27/2021

Asset Category: LIGHT

Asset Type: BELL 407

Locations

07:00 - LZ	LZ- LODGE RD	37 00.72'N 119 25.47'W	<no headquarters>	<no county>	2300 ft
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--- - Work Location

AUBERRY 1102	37 01.57'N 119 29.06'W	<no headquarters>	<no county>	2200 ft
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21-01796 Request Summary

--- - Work Location

AUBERRY 1102	37 01.61'N 119 29.62'W	<no headquarters>	<no county>	2200 ft
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Est. Use Hours	6.00	Vendor	Guardian Helicopters
Contract	PSPS GUARDIAN (407)	Over Water	No
Fuel Truck	Yes	Cargo Weight	1700.0 lbs
Special Equipment	Rock/Dirt Fly Boxes	Billing Number	35258008-5300 100%
Comments	---	Req. Notifications	---

Talk About #	106	Talk Group	FRESNO GC	Talk Radio #	106
CC Recipients	bms9@pge.com				

21-01796 - 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	18	19	20	21
22	23	24	25	26	27	28
29	30	31			07:00 -13:00 BELL 407 LZ- LODGE RD 37 00.72'N 119 25.47'W	
5	6	7	8	9	10	11



SECTION 7

Part 135 GH 4A Part 133 GH 4L
NON- Congested Area PlanOperator: Guardian Helicopters, Inc
67 D STREET
Fillmore CA. 93015Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: PG&E POLE SET

WORK ORDER #: 21-01796

ADDRESS: WHISPERING SPRINGS LN

CITY: PARTHER TOLLHOUSE STATE: CA.

ADDRESS: LODGE RD

CITY: PARTHER/ TOLLHOUSE STATE: CA

LZ STAGING AREA 37° 0'43.20"N 119°25'28.20"W

POLE STAGING AREA 37° 1'29.60"N 119°29'33.30"W

37° 1'34.18"N 119°29'3.59"W

37° 1'36.41"N 119°29'37.34"W

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: BRAIN CARPENTER

PHONE#: 559-903-2070

CONTACT FORMAN: CORY WORTHAM

PHONE#: 559 341-3960

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#: 3396777TYPE 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 3 1700 LBS 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
8-27-2021	SUNRISE	SUNSET	8-18-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
CLOVIS POLICE DEPARTMENT	559-324-2800	DISPATCH	NOTIFIED
BLASINGAME BATTALION FIRE DEPARTMENT	559-299-6561	STATION 12	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

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.

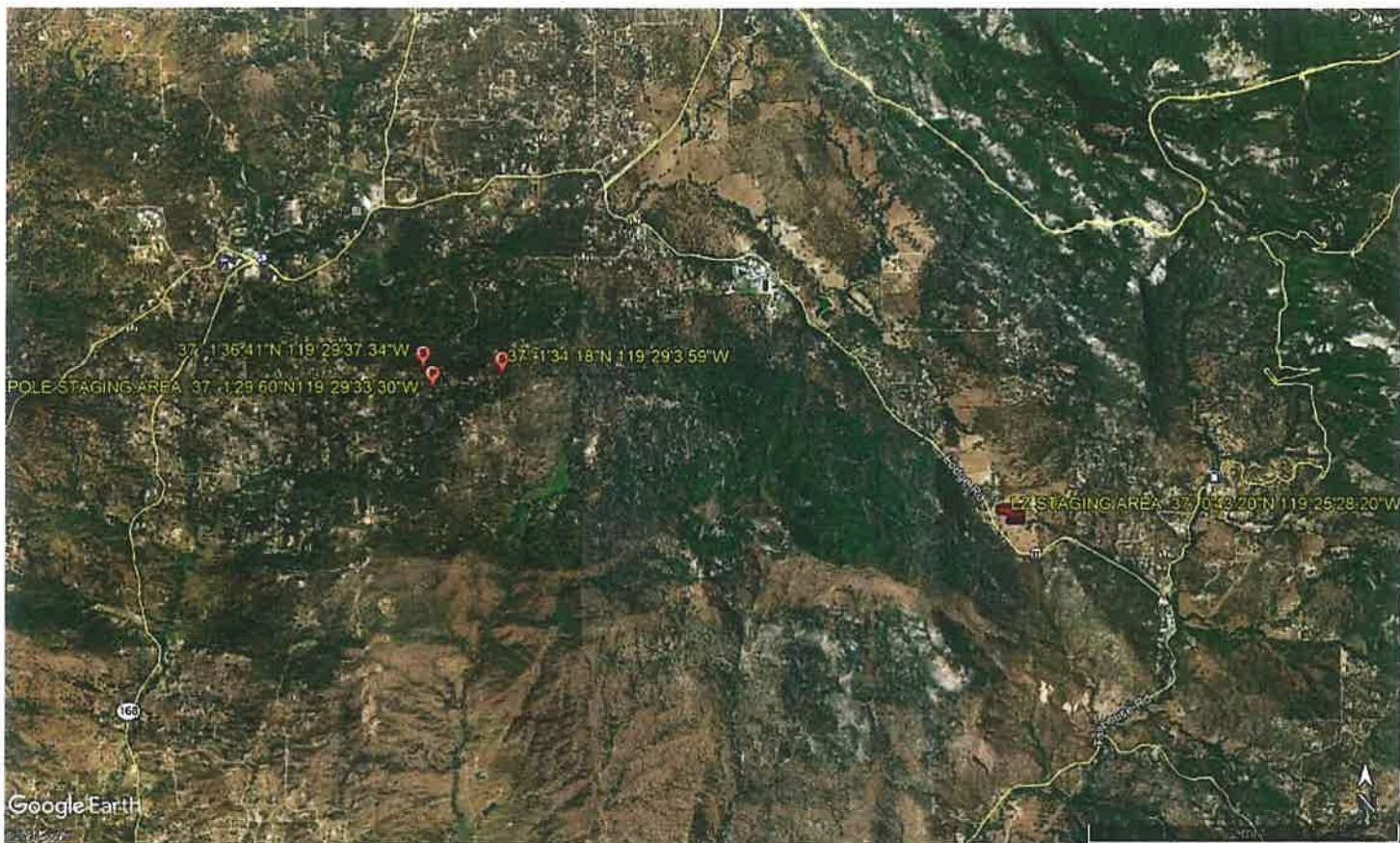
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

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 UNFRAMED AT THE POLE STAGING AREA CUSTOMER WILL PROVIDE HOOK UP PERSON
4. FLAGMAN WILL BE PLACED AT LODGE RD IF PILOT FEELS TRAFFIC IT TO HEAVY TO CROSS EMPTY HOOK WHEN CLEAR
5. ALL BUILDINGS WITHIN 300 FT OF STRUCTURE OR FLIGHT PATH SEE DIAGRAM BELOW
6. 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)	







Jeffrey M. Teubner

8-24-2021

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator