

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

☐ SAFETY BRIEF SIGN IN

PGE 21-01015

PASO ROBLES

☐ GHI CREW INTRODUCTION

☐ IS A TRANSLATOR REQUIRED

015504 1750 CBS

☐ WORK STOP AUTHORITY

NOA-CAP

☐ 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

21-01015 Request Summary



Requestor	Ashley M Bloom	Request Date	05/19/2021
LAN ID	aqb0	Work Type	Lift Work
Phone	(707) 449-5832	Lift Work Type	Cargo
Cell	(707) 317-3009	For Contractor	Yes
LOB	Electric GC Distribution		MGE
Vendor	Guardian Helicopters		UNDERGROUND

Work Dates
05/25/2021 AS350B3

Approver Supervisor Bryan A Allen (BAA4) BAA4@pge.com (C) (661) 342-0806

Scope of Work MONTEREY COUNTY
OILFIELDS 1103
CAP - NIL
DISPATCH NOTIFICATIONS - NIL

USFS/NATIONAL PARK TERRITORY - NIL
NOTIFICATIONS MADE - NIL

THIRD PARTY - MGE UNDERGROUND

CONTACTS -
REQUESTOR - KOLEMAN CONVERY - 805.635.4215
FOREMAN - ANDREW BITTLE - 805.674.1862
PGE PM - ROGER BARNES RFB0

SCOPE - TRANSPORT POLE FROM LZ TO WORK LOCATION FOR REPLACEMENT. 55' CL4
WOOD - 1750LBS.

LZ/WORK LOCATION INFORMATION -
LZ OK, NO OBSTRUCTIONS. LZ DIAMETER VERIFIED FOR TYPE 3 AIRCRAFT - 130FT.
WORK LOCATION OK, NO OBSTRUCTIONS.

Daily Information

05/25/2021

Reason for Request in Less than 10 Days:
Break-In Work/Short Duration Scheduled Work

Asset Category: LIGHT

Asset Type: AS350B3

Locations

09:00 - LZ	LZ - HESPERIA RD	35 47.78'N 121 03.59'W	<no headquarters>	<no county>	1500 ft
------------	------------------	---------------------------	-------------------	-------------	---------

--- - Work Location

21-01015 Request Summary

OILFIELDS 1103 12KV 35 47.69'N Line #: 101944974 CENTRAL COAST <no county> 1550 ft
121 03.57'W

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	1750.0 lbs
Special Equipment	---	Billing Number	35202897-5300 100%
Comments	---	Req. Notifications	---

Talk About #	VENDOR TO	Talk Group	VENDOR TO	Talk Radio #	VENDOR TO
	PROVIDE		PROVIDE		PROVIDE
	RADIOS		RADIOS		RADIOS

21-01015 - May 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	30	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 09:00 -17:00 AS350B3 LZ - HESPERIA RD 35 47.78'N 121 03.59'W	26	27	28	29
30	31	1	2	3	4	5



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 #: 21-01015
ADDRESS: HESPERIA RD CITY LAKE NACIMIENTO STATE: CA

LZ STAGING AREA LATITUDE 35°47'46.80"N LONGITUDE 121° 3'35.40"W
101944974 LATITUDE 35°47'41.40"N LONGITUDE 121° 3'34.20"W 55 CL 4 1750 LBS

CONTACT REQUESTOR: KOLEMAN CONVERY PHONE#: 805-635-4215
CONTACT FORMAN: ANDREW BITTLE PHONE#: 805-674-1862

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:

AS350B3 N# N718GH 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: (1) ↓ (1) ↑ POLES 55 FT CL 4 (TOOLS AND EQUIPMENT) LOAD: EXT CL B

55 FT POLE 10 FT RIGGING 100 FT LONGLINE = MAX 165 FT TYPE OF ITEM LIFTING: ☐

AERODYNAMIC ☒ NON- AERODYNAMIC LONG LINE: (NO) XXX (YES) LESS 100 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
5-24-2021	SUNRISE	SUNSET	5-21-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PASO ROBLES POLICE DEPARTMENT	805-237-6464	DISPATCH	NOTIFIED
SLO COUNTY FIRE DEPARTMENT	805-472-2515	STATION 34	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 BE UNOCCUPIED DURING OPERATIONS:

BUILDING DESCRIPTION/ADDRESS	REMARKS	METHOD
NONE		
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

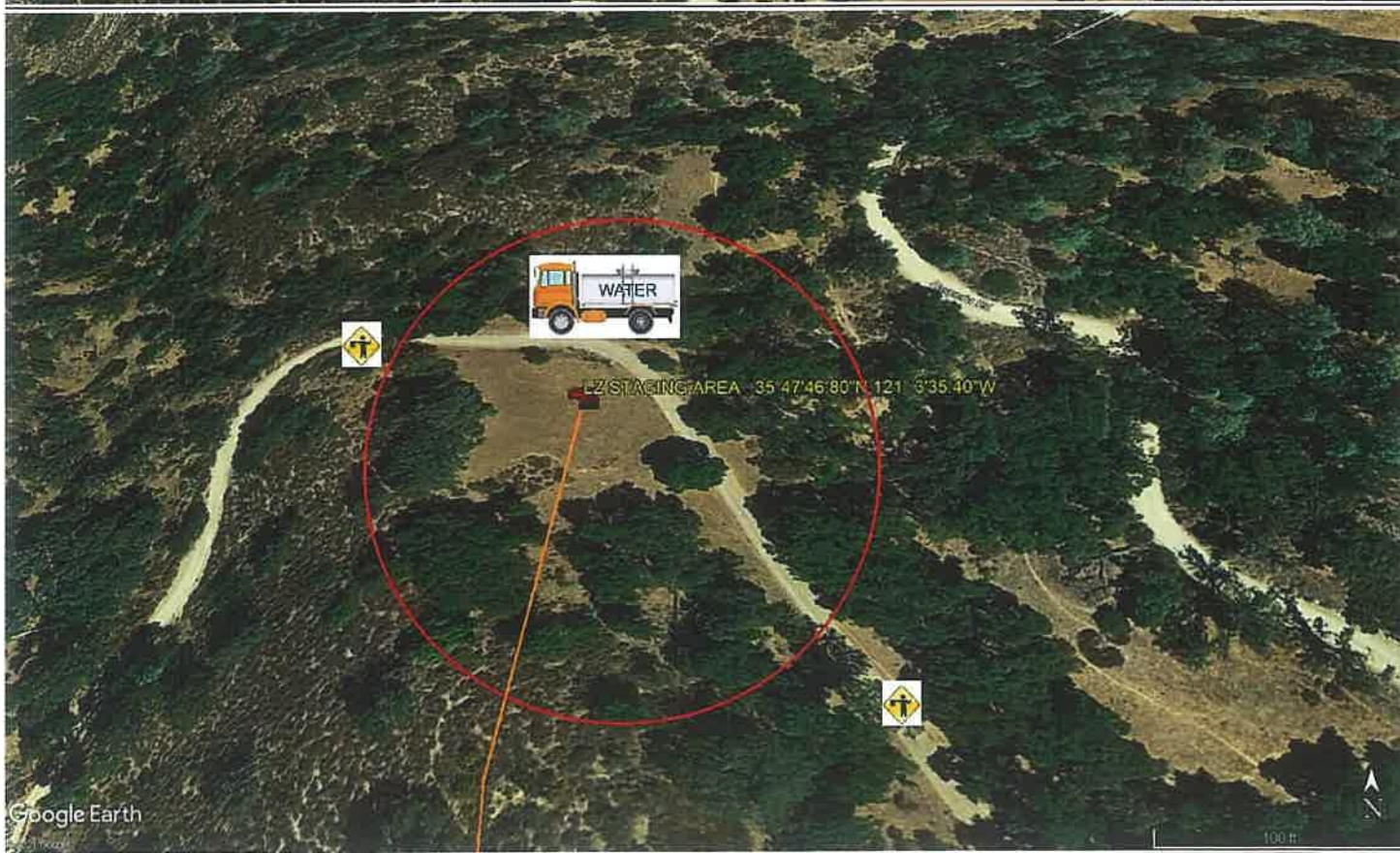
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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 LANDING ZONE TO CONDUCT TAILBOARD.
2. THE NEW POLE WILL BE STAGED AT THE LZ
3. TAILBOARD WILL BE CONDUCTED AT LANDING ZONE
4. WATER TRUCK IS REQUIRED AT LANDING AREAS
5. NO EVACUATIONS
6. STREET CLOSURE AT POLE STAGING AREA SEE DIAGRAM
7. TREE TRIMMING IF 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)	

5-20-2021

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator