

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: *Watsonville / Monterey County*

- ☐ SAFETY BRIEF SIGN IN *PBE 21-03063*
- ☐ GHI CREW INTRODUCTION *12-1-2021*
- ☐ IS A TRANSLATOR REQUIRED *12-2-2021*
- ☐ WORK STOP AUTHORITY *NO CAP*
- ☐ DESIGNATE A 911 CALLER *HEC / Cargo*
- ☐ 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



HELICOPTER HEC OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER HEC OPERATIONS A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST THIS DOES NOT SUPERSEDE INITIAL HEC TRAINING REQUIREMENTS

- ☐ CONDUCT STANDARD HELICOPTER LIFT SAFETY BRIEF PRIOR TO HEC SAFETY BRIEF
- ☐ HEC SAFETY BRIEF SIGN IN
- ☐ INITIAL HEC TRAINING VERIFIED ISSUE STICKER DISPLAYED ON HELMET
- ☐ WORK STOP AUTHORITY
- ☐ PPE REQUIREMENTS (HELMETS, EYEWEAR, GLOVES AND FOOTWEAR)
- ☐ HARNESS, FITMENT, CONDITION AND LOAD LIMIT
- ☐ PROPER USE OF ATTACHMENT EQUIPMENT (CARABINERS)
- ☐ BUDDY /SELF CHECK
- ☐ COMMUNICATIONS REQUIREMENTS VIA RADIO OR HEAD AND HAND SIGNALS (RADIO WILL BE TETHERED OR SECURED)
- ☐ NO EQUIPMENT WILL BE TRANSPORTED DURING HEC
- ☐ HEC SHORT HAUL OPERATIONS PLAN, DAILY MISSION
- ☐ INSERTION POINT AND AREA HAZARDS
- ☐ HEC ATTACH ZONE AND WAITING AREA
- ☐ EMERGENCY PROCEDURES; ENGINE FAILURE, TR FAILURE, HOOK FAILURE, LINE ENTANGLEMENT)
- ☐ NO CELL PHONE OR CAMERA USED DURING HEC

21-03063 Request Summary



Requestor	Kristopher Jay Banzon	Request Date	11/20/2021
LAN ID	kjbs	Work Type	Lift Work
Phone	(707) 835-4153	Lift Work Type	HEC -
Cell	(707) 835-4153	For Contractor	Non-Energized
LOB	Electric Transmission Line		Yes
Vendor	Guardian Helicopters		PAR

Work Dates

12/01/2021 - 12/02/2021 BELL 407

Approver Foreman

Superintendent David E Bales (DeBO)
Charles Burton (COBT)

DEBO@PGE.COM
(P) (816) 604-0883

(C) (559) 906-7497
(C) (816) 604-0883

Scope of Work

MONTEREY COUNTY
MOSS LANDING-LOS BANOS 500 KV
CAP- NIL
RQD NOTIFICATIONS- MOSS LANDING

USFS/NATIONAL PARK TERRITORY- NIL
NOTIFICATIONS MADE- NIL

SCOPE- HELICOPTER TO TRANSPORT WORKERS, MATERIALS, AND TOOLS TO VARIOUS WORK LOCATION FOR MAINTENANCE WORK ON STRUCTURES. HELICOPTER TO SERVE AS AIR SUPPORT UNTIL WORK IS COMPLETED.

LZ/WORK LOCATION INFORMATION-

LZ- OK, WITHIN PROXIMITY TO TRANSMISSION/DISTRIBUTION CIRCUITS AND ROAD.
HELICOPTER TO REMAIN 300 FT FROM ROAD AND HOMES/BUILDINGS.
LZ DIAMETER VERIFIED FOR TYPE 3 AIRCRAFT- 75 FEET DIAMETER

WL- OK, NO OBSTRUCTIONS WILL REQUIRE HELICOPTER TO CROSS ROAD AND LITTLE BODIES OF WATER IN PROXIMITY. STRUCTURE 1/8 OVER WORK SITE AND REQUESTER TO ENSURE CLEARED AND STRUCTURE 2/14 OVER MARSH.

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

Daily Information

12/01/2021 - 12/02/2021

Asset Category: LIGHT

Asset Type: BELL 407

Locations

08:00 - LZ	LZ- DOLAN (ELEVATION 71 FT)	36 47.89'N 121 44.83'W	<no headquarters>	<no county>
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Dust/Snow Mitigation Plan: Surface will have water applied prior to landing.

21-03063 Request Summary

--- - Work Location

50011 MOSS LANDING-LOS BANOS 500 KV	36 47.64'N 121 46.12'W	Line #: 0/5	MOSSLNDG	<no county>	3 ft
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Dust/Snow Mitigation Plan: Surface is composed of low vegetative cover.

--- - Work Location

50011 MOSS LANDING-LOS BANOS 500 KV	36 47.05'N 121 46.05'W	Line #: 1/8	MOSSLNDG	<no county>	3 ft
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Dust/Snow Mitigation Plan: Surface is composed of low vegetative cover.

--- - Work Location

50011 MOSS LANDING-LOS BANOS 500 KV	36 46.97'N 121 45.86'W	Line #: 1/11	MOSSLNDG	<no county>	4 ft
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Dust/Snow Mitigation Plan: Surface is composed of low vegetative cover.

--- - Work Location

50011 MOSS LANDING-LOS BANOS 500 KV	36 46.98'N 121 45.63'W	Line #: 2/12	MOSSLNDG	<no county>	14 ft
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Dust/Snow Mitigation Plan: Surface is composed of low vegetative cover.

--- - Work Location

50011 MOSS LANDING-LOS BANOS 500 KV	36 47.00'N 121 45.06'W	Line #: 2/14	MOSSLNDG	<no county>	2 ft
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Dust/Snow Mitigation Plan: Surface is composed of low vegetative cover.

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	No
Fuel Truck	Yes	Cargo Weight	1000.0 lbs
Special Equipment	HEC Gear, Grapple	Billing Number	45066424 20%
Comments	Request pilot to contact Buck		45066423 20%
	Burton (816 604 0883) 2-3 days		45066422 20%
	before the scheduled work.		44986431 20%
			44983612 10%
			44992027 10%
		Reg. Notifications	---

Req. Notifications ---

Talk About #	105	Talk Group	105	Talk Radio #	105
CC Recipients	C0BT@PGE.COM;DEBO@PGE.COM;KJBS@pge.com;MCB9@pge.com;MEWk@pge.com;PXD1@PGE.COM				

21-03063 - December 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	1 08:00 -16:00 BELL 407 LZ- DOLAN.. 36 47.89'N 121 44.83'W	2 08:00 -16:00 BELL 407 LZ- DOLAN.. 36 47.89'N 121 44.83'W	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	
2	3	4	5	6	7	8



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 HEC POLE SET WORK ORDER #: 21-03063

ADDRESS: DOLAN RD CITY: WATSONVILLE STATE: CA

LZ STAGING AREA 36°47'53.32"N 121°44'49.82"W

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: DAVID BALES PHONE#: 559-906-7497

CONTACT FORMAN: CHARLES BURTON PHONE#: 816-604-0883

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
BELL 205A1 N# N211GH 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: HEC CARGO LOAD: EXT CL B TYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒ NON-AERODYNAMIC LONG LINE: (NO) XXX (YES) LESS 200 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
12-1-2021	SUNRISE	SUNSET	11-22-2021
12-2-2021	SUNRISE	SUNSET	11-22-2021
<u>AGENCY NAME:</u>	<u>PHONE#:</u>	<u>PERSON NOTIFIED:</u>	<u>DATE:</u>
WATSONVILLE POLICE DEPARTMENT	831-768-3300	DISPATCH	NOTIFIED
NORTH COUNTY FIRE DISTRICT	831-633-2578	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
NO EVACUATIONS	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.

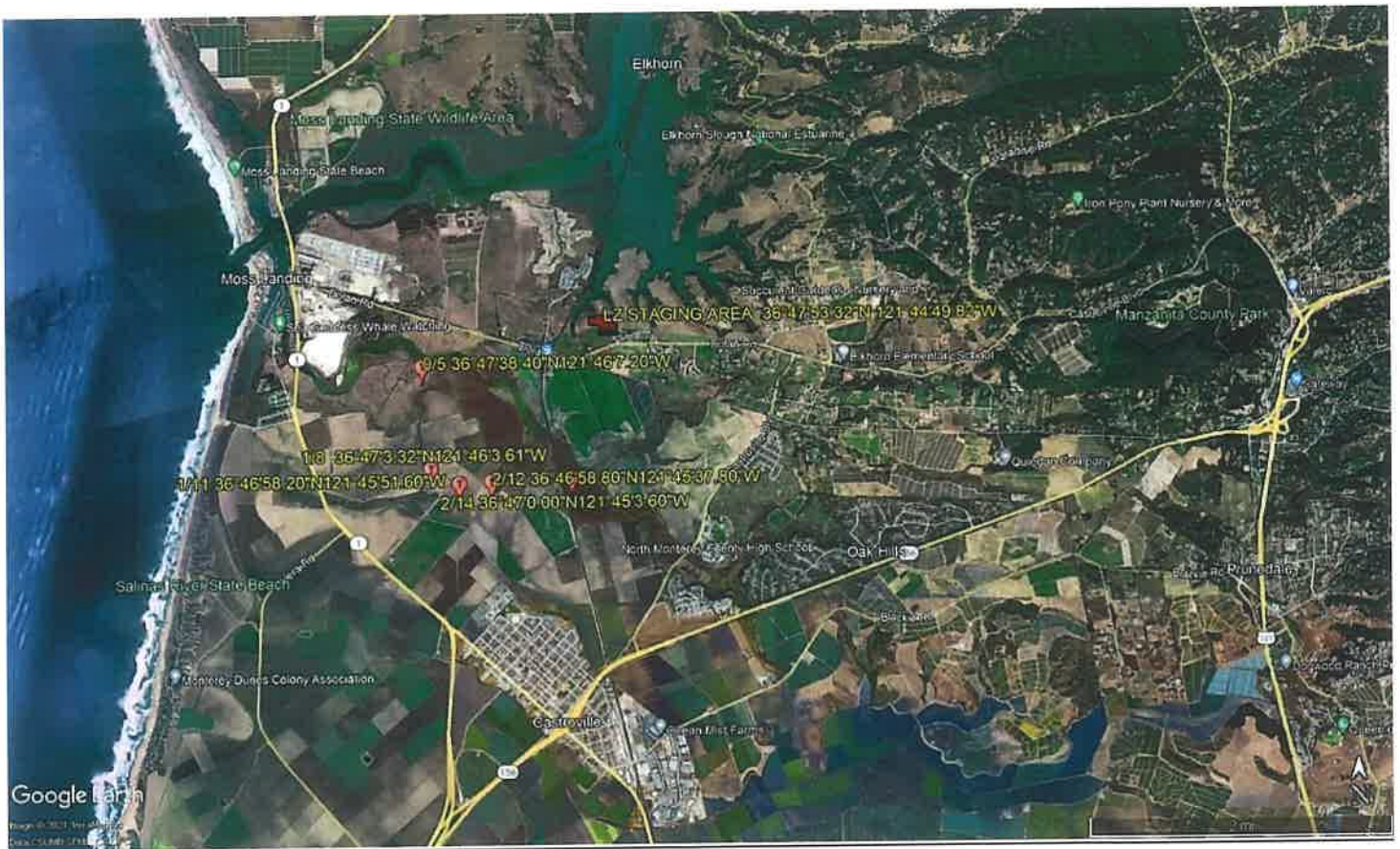
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

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

1. BOTH HELICOPTERS WILL LAND AT LZ TO CONDUCT A TAILBOARD AND HEC TRAINING
2. IF REQUIRED A WATER TRUCK WILL BE PROVIDED FOR THE LZ
3. POLE AND CARGO WILL BE SET IN OPEN AREA NEAR LZ
4. NO EVACUATIONS
5. DOLAN RD WILL EXPERIENCE INTERMITTENT CLOSURE

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)	





11-16-2021

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator