

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *2-11-2022 PGE 22-00221*
- ☐ GHI CREW INTRODUCTION *UH-1H NONCAP*
- ☐ IS A TRANSLATOR REQUIRED *(2) 45cL1 poles less 2500LBS*
- ☐ WORK STOP AUTHORITY *(1) pole oceans edge*
- ☐ 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

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	☐ 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
	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	

22-00221 Request Summary (Guardian Helicopters)



Requestor	Sara Torres Davalos	Request Date	01/27/2022
LAN ID	s6t9	Work Type	Lift Work
Phone	(805) 610-0536	Lift Work Type	Cargo
Cell	(805) 610-0536	For Contractor	No
LOB	Electric GC Distribution		
Vendor	Guardian Helicopters		

Work Dates

02/11/2022 UH-1H

Approver

Supervisor Donald C Smith (DCSH)
Nicholas P Moretto (NPM3)

DCSh@pge.com
(P) (805) 400-4351

(C) (415) 342-9158
(C) (805) 400-4351

Foreman

Scope of Work

SAN LUIS OBISPO COUNTY
SAN LUIS OBISPO 1107 12KV
CAP- NIL
RQD NOTIFICATIONS- NIL

USFS/NATIONAL PARK TERRITORY- NIL
NOTIFICATIONS MADE- NIL

SCOPE- HELICOPTER TO TRANSPORT POLES, MATERIALS, TOOLS TO WL'S FOR POLE REPLACEMENT/WRECK OUT TO LZ. FULLY FRAMED WOOD POLES : 45 FOOT, CLASS 1- 2500 POUNDS.

LZ/WORK LOCATION INFORMATION-

LZ- OK, NO OBSTRUCTIONS | YARD WITH MATERIALS NEAR BY AND IN BETWEEN TWO HILLS WITH ROAD AND TREES IN PROXIMITY. PER REQUESTER, LZ IS APPROVED FOR USE.

LZ DIAMETER VERIFIED FOR TYPE 2 AIRCRAFT- 100 FEET DIAMETER

WL'S- OK, WITHIN SMALL TERRIAN. SAP ID 101933025 WITHIN 300 FT OF OCEAN AND WALKING TRAIL/ROADS NEAR BY | SAD ID 101932170 WITHIN PROXIMITY TO ROADS AND AVILA BEACH GOLF RESORT. ALL BUILDINGS, PARKING LOTS, ROADS, WALKING TRAILS WITHIN 300 FT OF WL'S NEED TO BE CLEARED.

PER REQUESTER, THEY WILL HAVE TRAFFIC MITIGATION IN PLACE FOR ROADS AND WALKING TRAILS. THEY ARE IN CONTACT WITH HARBOR CONTROL, COAST GUARD, AND AVILA BEACH GOLF RESORT FOR WORK NOTIFICATION

Daily Information

02/11/2022

Asset Category: MEDIUM

Asset Type: UH-1H

Locations



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 #: 22-00221

ADDRESS: WILD CHERRY CANYON ROAD

CITY: AVILA BEACH

STATE: CA

LZ STAGING AREA 35°11'18.99"N 120°44'48.16"W 167 FT ELEVATION

101933025 35°9'58.12"N 120°45'28.13"W 45 CL 1 2500 LBS

101932170 35°10'54.60"N 120°44'26.18"W 45 CL 1 2500 LBS

SEE ATTACHED FLIGHT REQUEST AND KMZ FILE

CONTACT REQUESTOR: DONALD SMITH

PHONE#: 415-342-9158

CONTACT FORMAN: NICHOLAS MORETTO

PHONE#: 805-400-4351

PILOT'S NAME(S):

1. MICHAEL KLINK CERT#: 3018828
2. BUCKEY MACKAY CERT #: 2778051
3. IAN GOODALE CERT#: 3741973
4. ROSS GOULET CERT#: 3396777
5. TREVOR NEEDHAM CERT#: 3597668

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

AS350BA N# N55TV 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: (2) POLE SET 45 CL 1 2500 LBS LOAD: EXT CL B TYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒ NON- AERODYNAMIC LONG LINE: (NO) (YES) **XXX 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
2-11-2022	SUNRISE	SUNSET	2-1-2022
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PISMO BEACH POLICE DEPARTMENT	805-773-2208	DISPATCH	NOTIFIED
CALFIRE SLO COUNTY FIRE DEPARTMENT		DISPATCH	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

NON Congested Area Plan

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.

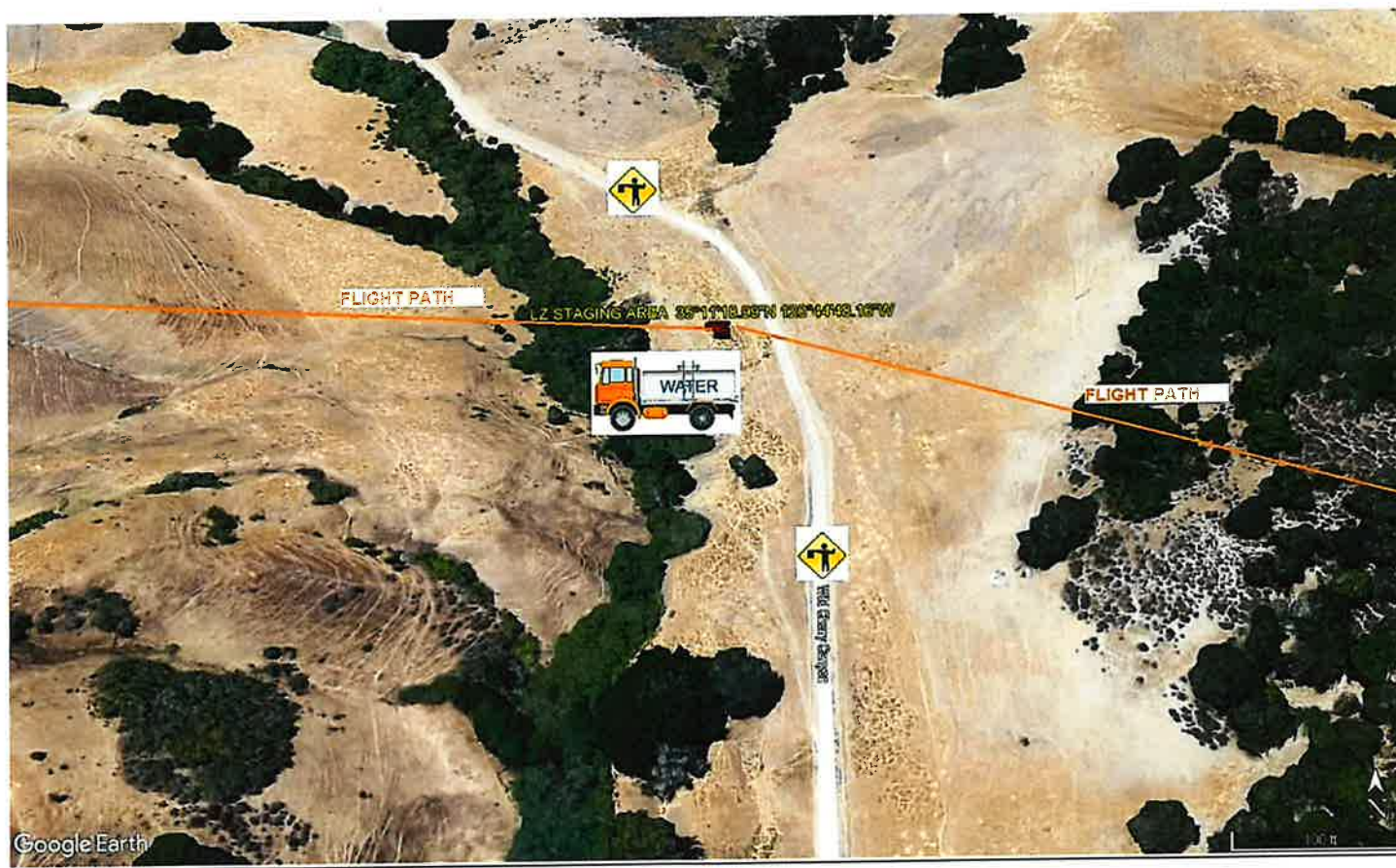
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

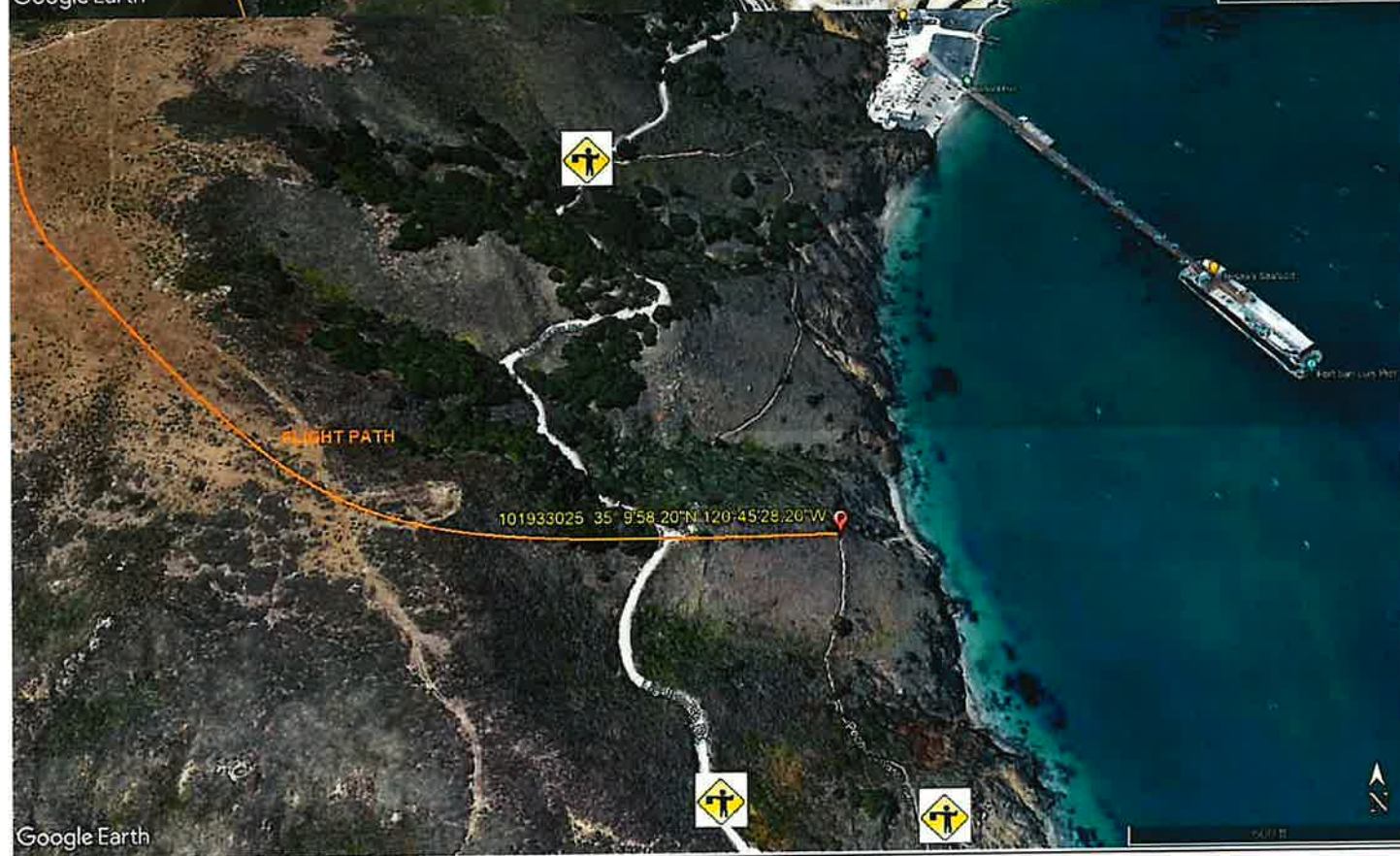
PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND AT THE LZ STAGING AREA TO CONDUCT A TAILBOARD.
2. WATER TRUCK REQUIRED AT LZ STAGING AREA
3. POLES WILL BE STAGED AT STAGING AREA
4. NO EVACUATIONS
5. FLAGMAN WILL PROVIDE TEMP. STREET CLOSURE PER THE FOLLOWING
 - (2) DIABLO CANYON RD
 - (3) ANA BAY RD
 - (2) LIGHTHOUSE RD
 - (2) WILD CHERRY CANYON
 - (2) PECHO COAST TRIAL

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

12-8-2021
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE
Jeffrey M. Teubner Flight Coordinator