

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN Redlands
- ☐ GHI CREW INTRODUCTION 6-23-2019
- ☐ IS A TRANSLATOR REQUIRED 6-24-2019
- ☐ WORK STOP AUTHORITY (6) poles Less 2200CBS
- ☐ DESIGNATE A 911 CALLER UH-1H
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES TD 1314693 TO 1334483 TO 1202399
- ☐ 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 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 ☐ IMSAFE Acronym 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



SECTION 7

Part 135 GH 4A Part 133 GH 4L

NON-Congested Area Plan

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406
Phone (818) 442-9904
FAX (818) 442-9901

PROJECT :EDISON POLES WORK ORDER NUMBER: TD1314693 TD1334483 TD 1282399
ADDRESS: HWY 38/VALLEY OF THE FALLS DR : ANGELUS OAKS CA
STAGING AREA: LATITUDE 34° 5' 40.16 "N LONGITUDE 116° 56' 50.22" W ELEV: 4700 FT
POLE 2190228E LATITUDE 34° 5'36.91"N LONGITUDE 116°57'33.84"W ELEV: 4700 FT
POLE 2099842E LATITUDE 34° 5'37.67"N LONGITUDE 116°57'42.68"W ELEV: 4700 FT
WEST POLE STAGING AREA LATITUDE 34° 5'56.87"N LONGITUDE 116°59'0.46"W ELEV: 4700 FT
POLE 2326369E LATITUDE 34° 6'7.73"N LONGITUDE 117° 0'52.16"W ELEV: 4700 FT
POLE 2326369E LATITUDE 34° 6'7.96"N LONGITUDE 117° 0'56.27"W ELEV: 4700 FT
POLE 2099903E LATITUDE 34° 6'4.37"N LONGITUDE 117° 1'11.75"W ELEV: 4700 FT
POLE 2099910E LATITUDE 34° 6'4.25"N LONGITUDE 117° 1'11.71"W ELEV: 4700 FT
SEE LIST BELOW

CONTRACTOR'S NAME: DIVERSIFIED JOHN WHARTON PHONE#: 661-864-6051
CONTACT AT SITE; DIVERSIFIED UTILITY SERVICE PHONE #: 661-864-6051
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166

2. BUCKEY MACKAY CERT #: 2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT# 33018828

TYPE OF AIRCRAFT: BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTED
BELL UH-1H N# N214KK A/C CATEGORY: RESTRICTED
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

TYPE OF ITEM LIFTING: POLE ☐ AERODYNAMIC ☒ NON- AERODYNAMIC

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

TYPE OF LIFTS: (6)↑ (6) ↓ POLES AND EQUIPMENT / TOOLS

MAX SINGLE – LIFT WEIGHT: 2300 LBS CLASS OF LOAD: EXTERNAL CL B

LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: XX (N0) (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-23-2019	SUNRISE	SUNSET	6-1-2019
6-24-2019	SUNRISE	SUNSET	6-1-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
YUCAIPA POLICE DEPARTMENT	909-918-2305	WATCH COMMANDER	NOTIFY
ANGELUS OAKS FIRE DEPARTMENT	909-794-3227	WATCH COMMANDER	NOTIFY



NON- Congested Area Plan (Continued)

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS:

BUILDING DESCRIPTION/ADDRESS	OWNER(S):	PHONE #:
N/A	N/A	N/A
N/A	N/A	N/A

MARK "X" WHERE PERTAINING TO THE LIFT PLAN:

_____ Copy of written agreement with local officials for the exclusion of unauthorized persons attached

XXX Responsibility is delegated to the operator (fill in below)

OFFICIAL'S NAME: JEFFREY TEUBNER

PHONE #: 818-442-9904



NONE- Congested Area Plan (Continued)

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406

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.

A TAILBOARD SAFETY MEETING WILL BE HELD AT A PRE-DESIGNATED AREA PRIOR TO DAILY HELICOPTER OPERATIONS

1. HELICOPTER WILL LAND IN THE STAGING / FUEL AREA AT COUNTY YARD OFF OF HWY 38 AND VALLEY OF THE FALLS DR
2. FUELING WILL ONLY BE CONDUCTED AT THE STAGING AREA
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. REMOTE AREA NO BUILDINGS ARE IN THE OPERATING AREA.
5. PROVIDE A WATER TRUCK AT THE LANDING ZONES
6. DRIVE INTO YARD WILL BE SECURED FLAGMAN NOT REQUIRED
7. EQUIPMENT WILL BE STAGED AT THE LANDING ZONE
8. STREET CLOSURE WILL BE AS DEPICTED IN DIAGRAM BELOW
9. THE POLES TO THE WEST WILL BE STAGED ALONG HWY 38 REQUIRING THE STREET TO BE CLOSED.

6-18-2019

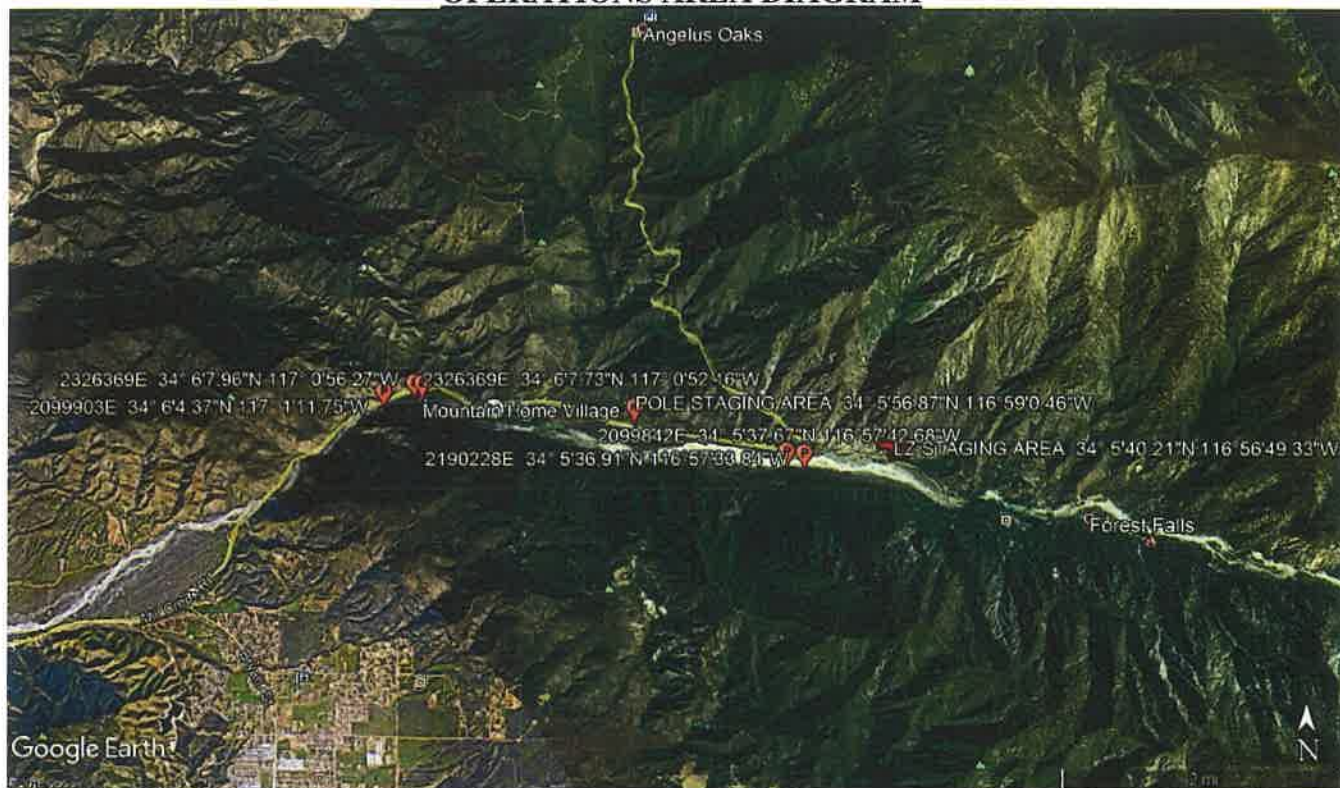
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



GUARDIAN
HELICOPTERS, INC.

**Part 135 GH 4A Part 133 GH 4L
OPERATIONS AREA DIAGRAM**

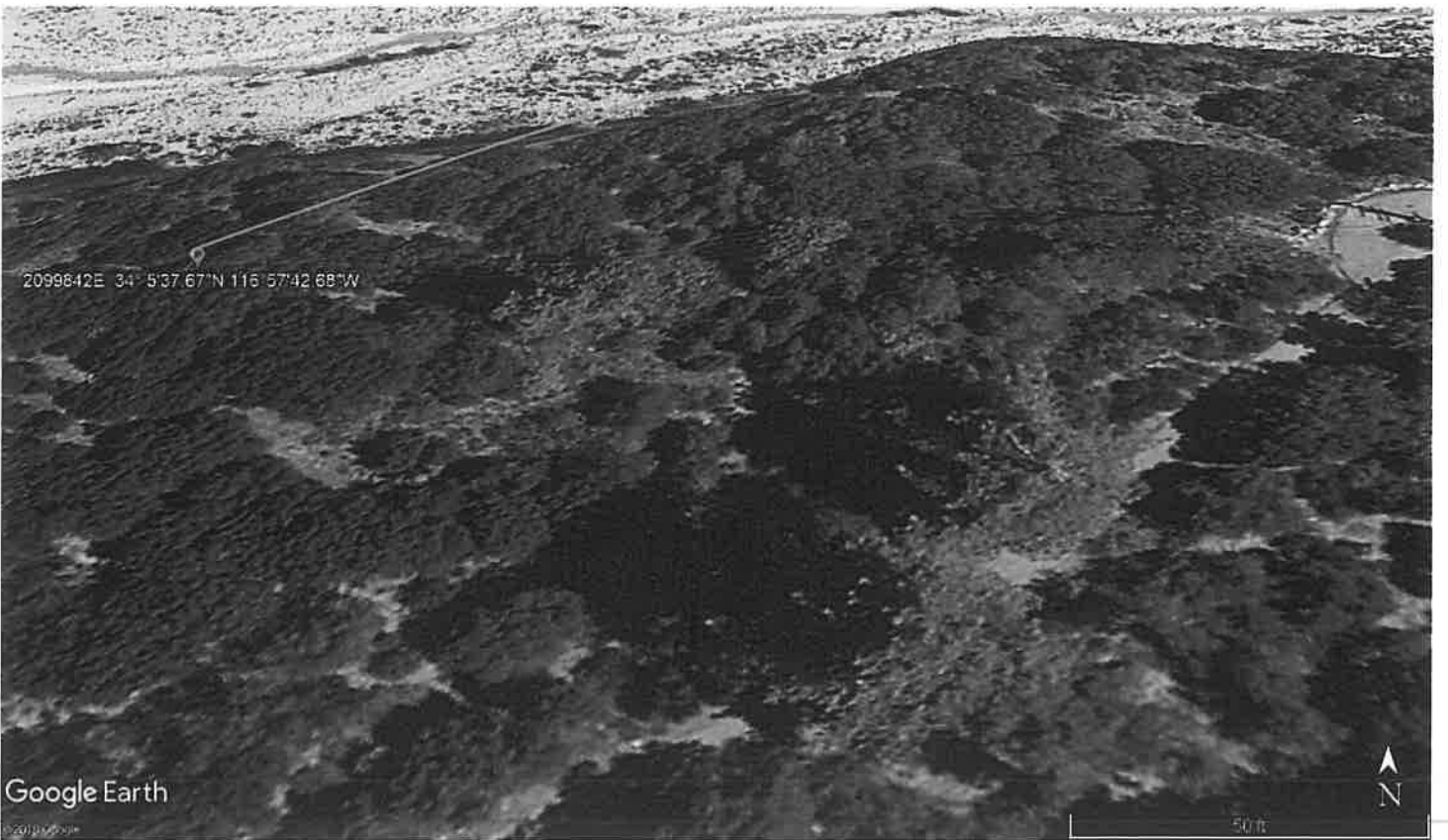












LEGEND

<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 = (UBA)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

AREA SURVEY CONDUCTED BY : Jeffrey M. Jentura

jteubner@guardianhelicoptersusa.com

From: John Wharton <whartonj@dusi1.com>
Sent: Wednesday, June 12, 2019 6:18 AM
To: jteubner@guardianhelicoptersusa.com
Subject: RE: 24th of June

These are the pole numbers and gps we will be digging on the 23/24 str2099903e 34 06 04.70 n 117 01 11.80 w .. 2099910e 34 06 06.53 n 117 01 05.59 w ...2326369e 34 06 07.96 n 117 00 56.31 w... 2326369e 34 06 07.80 n 117 00 52.20 w...2099842e 34 05 37.70 n 116 57 42.73 w... 2190228e 34 05 37.04 n 116 57 33.89 w

From: jteubner@guardianhelicoptersusa.com <jteubner@guardianhelicoptersusa.com>
Sent: Tuesday, June 11, 2019 9:10 AM
To: John Wharton <whartonj@dusi1.com>
Subject: RE: 24th of June

Just so I am clear can you send me the lat long for that pole?

Jeffrey M. Teubner
Flight Coordinator



818-442-9904 Office
818-442-9901 FAX
818-621-3794 Cell

From: John Wharton <whartonj@dusi1.com>
Sent: Tuesday, June 11, 2019 8:16 AM
To: jteubner@guardianhelicoptersusa.com
Subject: Re: 24th of June

Hole diggers will be flown in. The poles scheduled for the 26th

Sent from my iPhone

On Jun 11, 2019, at 7:56 AM, "jteubner@guardianhelicoptersusa.com" <jteubner@guardianhelicoptersusa.com> wrote:

Which pole location will we be working on that day.

<image001.png>

From: John Wharton <whartonj@dusi1.com>
Sent: Tuesday, June 11, 2019 7:55 AM
To: jteubner@guardianhelicoptersusa.com
Subject: Re: 24th of June

As of right now we need the hec ship

Sent from my iPhone