

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
- ☐ GHI CREW INTRODUCTION
- ☐ IS A TRANSLATOR REQUIRED
- ☐ 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

9-25-2019
Palos Verde Golf Course
3 transformers Less 1100 LBS
Cap submitted Approved
TD169314 TO1089192

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

SCE Aircraft Operations Flight Request Form

Instructions: Please complete this form in its entirety and email to: aiops@sce.com or fax to 909-974-4678. Once this form is received by Aircraft Operations, you will receive a response within 24 hours. For questions call SCE Aircraft Operations Dispatch at PAX 11676.

Requestor Information

Flight requested by:*	Mark Duhon
Department:*	Line Division
Pax:*	N/A
Cell Number:*	562-826-1804
Email Address:*	mduhon@hwpowerinc.com

SAP Accounting Number*	TD1169314 & TD1089192
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Flight Description

Please choose a mission type:

- | | | |
|---|--------------------------------------|---|
| ☐ Camera – HD/IR | ☐ Line String | ☐ Pole-set |
| ☒ Crew support | ☐ Passenger | ☐ Recon |
| ☒ External Load | ☐ Patrol | ☐ Training |
| ☐ HEC | ☐ Photo | ☐ Need more info, please contact |

Mission specific details (ex: Passenger name, pole size/weight, external load type, etc):

HW Power Inc.

Fly in underground equipment (4 rear property underground transformers)

General Operating Location	r/o 629 Via Horquilla
District	44 South Bay
LZ Coordinates (if known)	N/A
Pick-up location for passenger flights	N/A
Drop-off location for passenger flights	N/A

Date(s) for which service is requested	Unknown
Time of Pick-up	Unknow
Approx. mission duration (if known)	3 hours
Back-up date for mission (if known)	Unknow

Authorizer	Mike Lopez
Authorizer PAX and cell number	909-615-9672

**required information*

[Click to e-mail form](#)

For office use only

Date Received by Aircraft Operations: _____ Date Initial Contact Made: _____

Referred to contractor: ☐ No ☐ Yes, Date: _____ Company: _____

Follow up status: ☐ Week 1 _____

☐ Week 2 _____

☐ Week 3 _____



SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan

Operator: Guardian Helicopters, Inc
67 D STREET
Fillmore CA. 93015
Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: EDISON POLE REPLACEMENT WORK ORDER #: TD 1089192 TD1169134

ADDRESS: 623 VIA HORQUILLA : PALOS VERDE ESTATES CA

LZ STAGING AREA LATITUDE 33°47'42.56"N LONGITUDE 118°22'28.38"W

TRANSFORMER LATITUDE 33°47'45.60"N LONGITUDE 118°22'54.13"W

TRANSFORMER LATITUDE 33°47'45.49"N LONGITUDE 118°22'55.90"W

CONTRACTOR'S NAME: MARK DUHON PHONE#: 562-826-1804

CONTACT AT SITE: MARK DUHON PHONE#: 562-826-1804

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 407 N# N407GH 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

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: (2) ↓ GROUND TRANSFORMER (1) ↑ GROUND TRANSFORMER MAX 1100 LBS

CLASS OF LOAD: EXTL CL B

NO. OF LIFTS: 3 LONG LINE: (NO) XXX (YES) LESS THEN 100 FT (LENGTH)

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: (NO) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
9-25-2019	SUNRISE	SUNSET	8-25-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PV ESTATES POLICE	310-378-4211	WATCH COMMANDER	NOTIFY
LA COUNTY FIRE	310-373-6539	STATION 2	NOTIFY

Evacuation

☐ No Evacuated Structures

☒ Evacuated Structures

Crowd Control

☒ Operator

☒ Contractor

Street Closure

☒ Yes ☐ No

☒ Contractor

☐ Operator



SECTION 7

Part 135 GH 4A Part 133 GH 4L Congested Area Plan

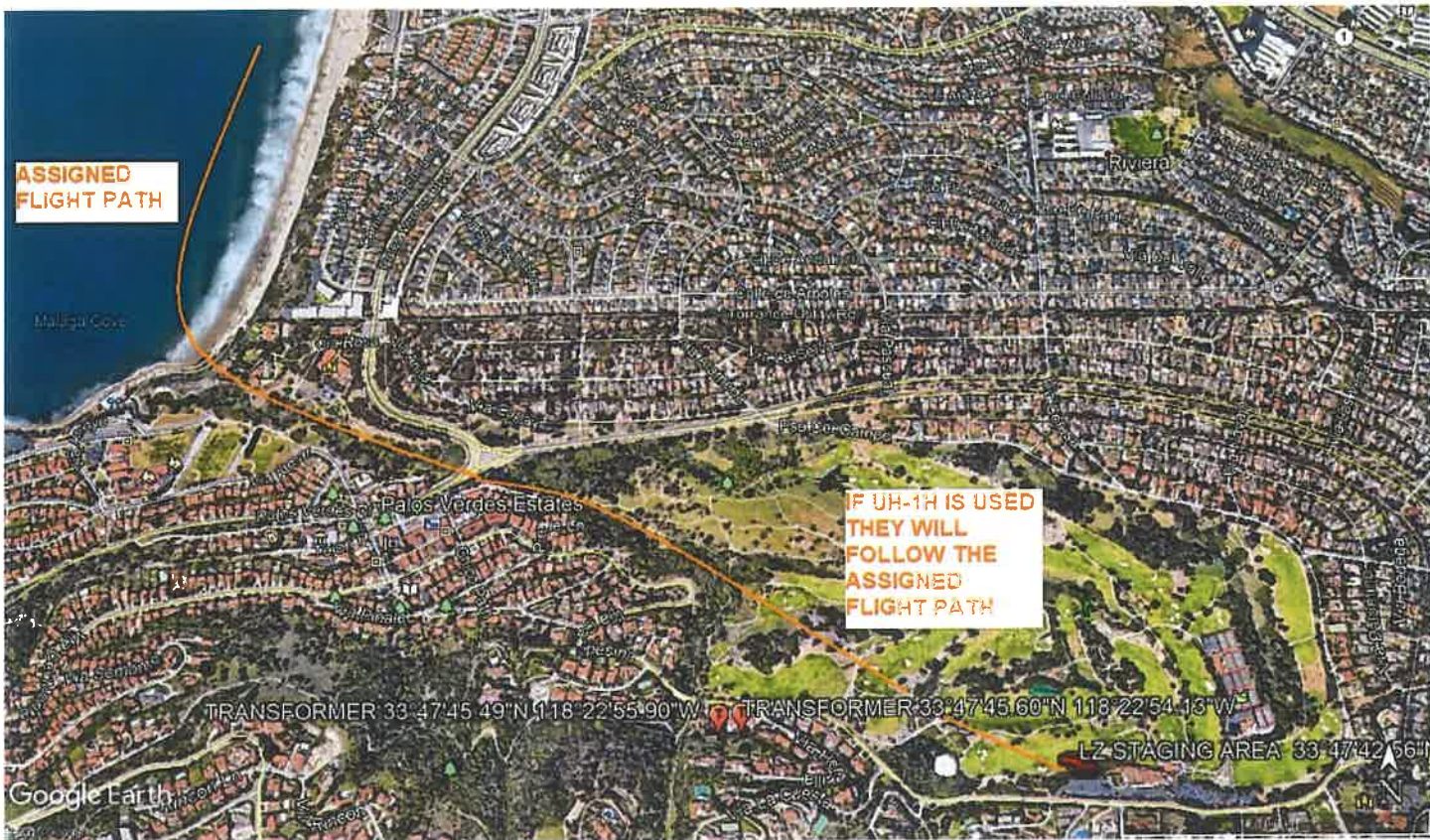
Operator: Guardian Helicopters, Inc
67 D Street
Fillmore, California 93015

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS
ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

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SEE DIAGRAM = V	VACANT DURING OPS	HAND DELIVER



COMPANY OFFICIAL / TITLE





Jeffrey M. J. J. J.

AREA SURVEY CONDUCTED BY: _____

33.796075, -118.382166: in
50 KVA transformer-1025
lbs

33.796065, -118.381740: out 50 kva transformer 1000 lbs. In 50 kv transformer-1025 lbs

**LZ/STAGING
AREA**
33.795243,
-118.374296

Removing one transformer and installing two



Dear neighbor,

Guardian Helicopters Inc is a subcontractor of Southern California Edison (SCE). We will be working in your neighborhood to upgrade its electrical facilities to provide you a modern and reliable power grid. Your safety is our highest priority during this construction activity. We apologize for any inconvenience this may cause and will make every effort to minimize potential impacts during construction activities. Thank you for your patience as we complete these upgrades for you.

Upgrades in Your Area

We will be using a helicopter to set new utility pole.

What to Expect

- **Federal Aviation Administration regulations require we take certain precautions to ensure the safety of the public during our operation. To do this your residence must be completely vacated while the helicopter sets the new utility pole. At no time will our helicopter over fly any residence with a load attached.**
- **PALOS VERDE GOLF COURSE WILL BE CLOSED DURING OPERATION**
- **VIA CAMPESINA AND VIA HORQUILLA WILL EXPERIENCE INTERMITTENT CLOSURES**
- Guardian Helicopters primary concern during this operation is the general safety of the general public. We recommend measure to ensure the safety and control of any livestock during the period of helicopter operations.
- Work Timeline*
- Date: 9-25-2019
- Hours: 8:00 a.m. – 6:00 p.m.

The timeframe for the evacuation is approximately 120 minutes once all residents have left.

A Guardian Helicopter Inc representative will make contact with you and/or any responsible persons at your residence with further instructions shortly before the aircraft operation is to take place. Please notify all family members, workers, or anyone who may be at your residence on this date of the evacuation. It is important to us that our activity presents as little inconvenience to you as possible.

Project Area

REMOVE AND REPLACE TWO GROUND TRANSFORMERS NEAR 623 VIA HORQUILLA



LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

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ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	VACANT DURING OPS	HAND DELIVER



Safety Tips

- Please close and secure back yard umbrellas and canopies
- Close all doors and windows to prevent dust from entering your home
- If possible, ensure your animals are secure or clear of the area.

If you have any questions or concerns please feel free to give me a call. In addition, I will be on site and can be reached on my cell phone.

Best regards,

Jeffrey M. Teubner

Flight Coordinator

818-442-9904 office

818-621-3794 cell

16425 Hart Street Van Nuys, California 91406 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com



U.S. Department
of Transportation
**Federal Aviation
Administration**

Western-Pacific Region
Flight Standards District Office

Long Beach Flight Standards District Office
5001 Airport Plaza Drive Suite 100
Long Beach, California 90815
562-377-5400, Fax: 562-420-5448

To: Jeffrey Teubner
Company: Guardian Helicopters, Inc.
Phone: (818) 442-9904
Fax: (818) 442-9901

From: Kevin Doty
Title: Aviation Safety Inspector

EMAIL/Fax Cover Sheet

Date: September 11, 2019

Pages w/cover: 10

The Congested Area Plan (CAP) submitted to our office on August 25, 2019, has been approved.

This approval is limited to the proposed operations for the replacement of a ground transformer(s) located at, or near 623 Via Horquilla, Palos Verde Estates, Ca. The approved date of operation is scheduled to commence and cease on September 25, 2019, between the hours of 0740 a.m. and 1941 p.m in a secure area, as defined in the CAP.

The secure area must be strictly, maintained with only the personnel and vehicles that are directly involved with the lift operations, in the secured area. Failure to maintain a secure operational area will be grounds for cancellation of this operation.

Particular attention must be paid to clearing any debris in the attachment area and securing work materials that may be disturbed by helicopter rotor wash.

This approval is contingent upon any authorization and/or permits required by State of California or local authorities. Inspectors from this office may monitor the operation to ensure compliance with the approved plan.

If you have any questions concerning this CAP, please contact this office at (562) 377-5420.

Thank you,



Kevin Doty
Aviation Safety Inspector



SECTION 7

Part 135 GH 4A Part 133 GH 4L
Congested Area Plan

Operator: Guardian Helicopters, Inc
67 D STREET
Fillmore CA. 93015
Phone (818) 442-9904
FAX (818) 442-9901

Long Beach FSDO
Approved Date: 9/11/19
Aviation Safety Inspector

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Evacuation

☐ No Evacuated Structures

☒ Evacuated Structures

Crowd Control

☒ Operator

☒ Contractor

Street Closure

☒ Yes ☐ No

☒ Contractor

☐ Operator



SECTION 7

Part 135 GH 4A Part 133 GH 4L
Congested Area Plan

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 PV GOLF COURSE IN THE STAGING / FUEL AREA
2. PV GOLF COURSE IS CLOSED DURING THE OPERATIONS
3. FUELING WILL BE CONDUCTED AT THE STAGING AREA
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. VIA COMPESINA AND VIA HORQUILLA WILL EXPERIENCE INTERMITTENT CLOSURES
6. STREET CLOSURE PER DIAGRAM
7. HOMES MARKED WITH A YELLOW "V" WILL BE EVACUATED DURING OPERATIONS
8. STREET CLOSURE PERSONAL WILL VERIFY ALL HOMES ARE EVACUATED PRIOR TO OPERATIONS
9. THE TRANSFORMERS WILL BE LIFTED FROM THE PARKING LOT AT THE GOLF COURSE AND FLOWN ALONG THE FLIGHT PATH TO THE SET SITE. UNIT COMING OUT WILL BE FLOWN ALONG THE FLIGHT PATH TO THE STAGING AREA

10. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

8-25-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

Long Beach FSDO
Approved Date: 9/11/19
Aviation Safety Inspector



GUARDIAN
HELICOPTERS, INC.

SECTION 7

Part 135 GH 4A Part 133 GH 4L
Congested Area Plan

Long Beach FSDO
Approved Date: 9/11/19
Aviation Safety Inspector

Operator: Guardian Helicopters, Inc
67 D Street
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Jeffrey M. Fiedler

AREA SURVEY CONDUCTED BY: _____

Long Beach FSDO
 Approved Date: 9/11/19

 Aviation Safety Inspector



Long Beach FSDO
 Approved Date: 9/11/19
[Signature]
 Aviation Safety Inspector



Long Beach FSDO
 Approved Date: 9/11/19
 Aviation Safety Inspector



Dear neighbor,

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Project Area

REMOVE AND REPLACE TWO GROUND TRANSFORMERS NEAR 623 VIA HORQUILLA

16425 Hart Street Van Nuys, California 91406 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com

Long Beach FSDO
Approved Date: 9/25/19
Aviation Safety Inspector



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Long Beach FSDO
Approved Date: _____

Aviation Safety Inspector



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