

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:

- ☐ 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

Leona valley

2-27-2020

NONCAP

140C4 1100 LBS

L2

(1) Evacuation property closest to pole

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 ☐ <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



Air Operation / Air Support Requests

Home Recycle Bin

Flight Request

 SOUTHERN CALIFORNIA EDISON An EDISON INTERNATIONAL Company		Aircraft Operations Flight Request Form		
If you have any questions, please call Aircraft Operations at : 909-974-4676				
- Requestor Information -			Flight Request ID: FR00190	
Flight Requested by: Matthew Fitzgerald		SAP/TD Accounting No:		
Requester Email: matthew.fitzgerald@sce.com		TD1643192 <i>*Use commas to separate multiple numbers</i>		
Office Number: (661) 361-4527 i.e. (xxx) xxx-xxxx		Cell Number: (661) 361-4527 i.e. (xxx) xxx-xxxx		
Department: Distribution				
- General Flight Information -				
General Area: 36917 Bouquet Cyn Rd, Leona Valley		District: ANTELOPE VALLEY		EOI related? Yes
Pick-up location: 500yrd south west of drop-off location		Drop-off location: 34.588774 -118.341371		
LZ Coordinates (if known): 34.587918-118.306530				
Date for which service is requested: 02/27/2020 ex. 01/01/2019		Time of Pick-up: 10:15		
Note: Do not schedule outages until Air Ops has confirmed aircraft availability				
Approx. mission duration (if known): 5Hours		Back-up mission date (if known):		
- Flight Description -				
Please choose a mission type:				
Camera: ☐ HD ☐ IR		SCE Passenger(s): ☐		Heli-Saw: ☐
Crew Support: ☐		Non-SCE Passenger(s): ☐		Recon: ☐
External Load: ☐		Patrol: ☐		Training: ☐
HEC: ☐		Photo: ☐		Line Stringing: ☐
Pole Set: ☒				
Approval attachment required->>> Pole set.pdf				
Note: Please remove the following characters from the file title before attaching and Zip large files and folders with multiple files: # ~ / \ : * ? " < > %				
Please attach all Work Order Maps and Photos for Pole Sets				
Note: Please contact us at AirOps@sce.com or 909-974-4676 for any issues.				

Mission Specific Details

We will have water truck at LZ.

Pole Set - Approval must be obtained from: *Please attach all Work Order Maps and Photos*

OU Requesting Manager or OSC

- Pole Set Information -

	Type	Length	Class	Weight (lbs)	Additional Equipment/Information	Weight (lbs)
1.	Wood	40	4	1100	Cross Arm	
	GPS Coordinates (Lat/Long): 194.588774 -118.341371					60
	Elevation: 3300		Pole #: 736952E			
2.						
	GPS Coordinates (Lat/Long):					
	Elevation:					
3.						
	GPS Coordinates (Lat/Long):					
	Elevation:					
4.						
	GPS Coordinates (Lat/Long):					
	Elevation:					
5.						
	GPS Coordinates (Lat/Long):					
	Elevation:					

[Click here to add more:](#)

Pole Weight Totals: **1100**

Additional Equipment Weight Totals: **60**



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: EDISON POLE REPLACEMENT WORK ORDER #: TD 1643192
ADDRESS 36917 BOUQUET CANYON RD : LEONA VALLEY CA
LANDING ZONE LATITUDE 34°35'16.46"N LONGITUDE 118°18'23.48"W
736952E LATITUDE 34°35'19.48"N LONGITUDE 118°20'28.71"W 40 CL 4 1100 LBS
CONTACT AT SITE: MATTHEW FITZGERALD PHONE#: 661-361-4527

CONTRACTOR: EDISON DISTRIBUTION

PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. IAN GOODALE CERT# 3741973

TYPE OF AIRCRAFT:

BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTED
BELL UH-1H N# N777GH 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

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) POLES IN (1) POLES OUT (2) CARGO LOAD: EXTL CL B TYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒ NON- AERODYNAMIC MAX 2400 LBS

NO. OF LIFTS: 4 LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)

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

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
2-27-2020	SUNRISE	SUNSET	2-20-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA CLARITA SHERIFF DEPARTMENT	661-255-1121	WATCH COMMANDER	NOTIFY
LOS ANGELES COUNTY FIRE	661-724-3331	STATION 157	NOTIFY



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
36917 BOUQUET CANYON ROAD	VACANT DURING OPS	HAND DELIVER
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.

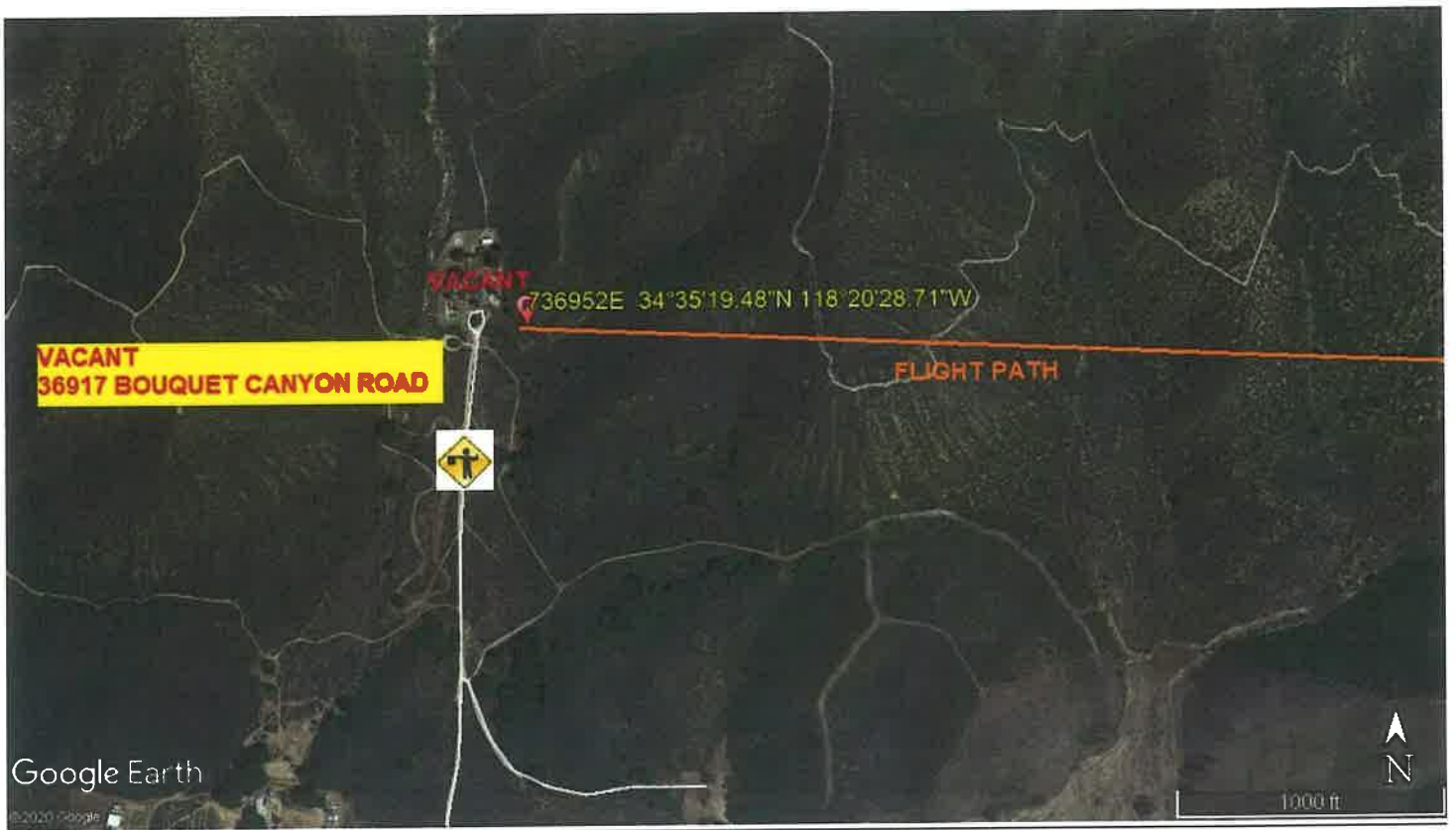
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

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

1. HELICOPTER WILL LAND AT THE LZ TO CONNECT THE LONGLINE AND CONDUCT A SAFETY TAILBOARD
2. POLE WILL BE STAGED AT THE LZ
3. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. RADIOS WILL BE PROVIDED TO EACH POLE SITE
6. WATER TRUCK REQUIRED AT LANDING ZONE
7. SAN FRANCISQUITO CANYON ROAD AND CI EL FUENTE WILL EXPERIENCE INTERMITTENT CLOSURES
8. SEE DIAGRAM FOR STREET CLOSURE AND FLAGMAN REQUIREMENTS.
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

THE HELICOPTER WILL LAND AT THE LANDING ZONE CONDUCT A SAFETY BRIEF AND WHEN THE LINEMAN ARE READY THE STREETS WILL BE CLOSED. 36917 BOUQUET CANYON ROAD WILL BE VERIFIED VACANT PRIOR TO STARTING WORK. IF REQUIRED THE HELICOPTER WILL FLY TOOLS AND CARGO TO THE POLE SET SITES. WHEN THE LINEMAN ARE READY FOR THE NEW POLE THE HELICOPTER WILL FLY THE POLES FROM THE LANDING ZONE TO THE POLE SET SITES. WHEN THE LINEMAN ARE READY TO REMOVE THE OLD POLE THE HELICOPTER WILL FLY THE OLD POLE FROM THE POLE SET SITE TO THE LANDING ZONE. WHEN COMPLETE THE HELICOPTER WILL FLY THE TOOLS AND EQUIPMENT OUT OF THE SITE. THE STREET WILL ONLY BE CLOSED WHEN THE HELICOPTER IS FLYING





2-21-2020

DATE OF SUBMISSION

Jeffrey M. Jentura

COMPANY OFFICIAL / TITLE



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.**
- **NO STREET CLOSURES DRIVEWAY LEADING TO 36917 BOUQUET CANYON ROAD WILL BE CLOSED**
- 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: 2-27-2020
- 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

THE POLE BEING REPLACED IS 250 FT FROM 36917 BOUQUET CANYON ROAD

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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

67 D Street Fillmore, California 93015 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com