

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

8-19-2019

Lq Cresta /murrietta

Non-Cap

L2

(1)45cl 2 (600LBS

TD 1547727

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

Pilot:

Support Crew:

Location:

Mission:

Aircraft:[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	☐ 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 ☐ IMSAFE Acronym Pilot fatigue mitigation must be briefed prior to work	



SOUTHERN CALIFORNIA
EDISON[®]

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SCE Aircraft Operations Flight Request Form

Instructions: Please complete this form in its entirety and email to: airops@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:*	Bill Owens / Justin Lippert
Department:*	Sturgeon
Pax:*	N/A
Cell Number:*	909-270-8336 / 909-247-6834
Email Address:*	wowens@myrgroup.com / jlippert@myrgroup.com

SAP Accounting Number*	TD1547727
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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):

HELICOPTER SETTING 1-45' 2, 1560#

General Operating Location	LA CRESTA N33 55' 0832" X W117 27' 0188"
District	88
LZ Coordinates (if known)	TO BE DETERMINED
Pick-up location for passenger flights	"
Drop-off location for passenger flights	"

Date(s) for which service is requested	WHEN AVAILABLE
Time of Pick-up	
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	
Authorizer PAX and cell number	

**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
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 1547727

ADDRESS: 22112 VIA ENTRADA : MURRIETA CA 92562

LANDING ZONE LATITUDE 33°33'3.87"N LONGITUDE 117°16'15.83"W

POLE 2075143E LATITUDE 33°33'2.94"N LONGITUDE 117°16'12.68"W

CONTRACTOR'S NAME: BILL OWENS PHONE#: 909-270-8336

CONTACT AT SITE: JUSTIN LIPPERT PHONE #: 909-247-6834

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 1 POLES LARGEST 45 CL 2

MAX SINGLE - LIFT WEIGHT: 1600 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: 6 LONG LINE: _____ (NO) XXX (YES) LESS THEN 100 FT+45 POLE +5

RIGGING=150 FT (LENGTH)

OPERATIONAL ALTITUDE: < 50 STREET CLOSING: XX (N0) _____ (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
8-19-2019	SUNRISE	SUNSET	8-12-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
MURRIETA POLICE	951-304-2677	WATCH COMMANDER	NOTIFY
RIVERSIDE FIRE D	651-698-8338	STATION 75	NOTIFY



NON Congested Area Plan (Continued)

Evacuation

☒ No Evacuated Structures

☐ Evacuated Structures

Crowd Control

☒ Operator

☒ Contractor

Street Closure

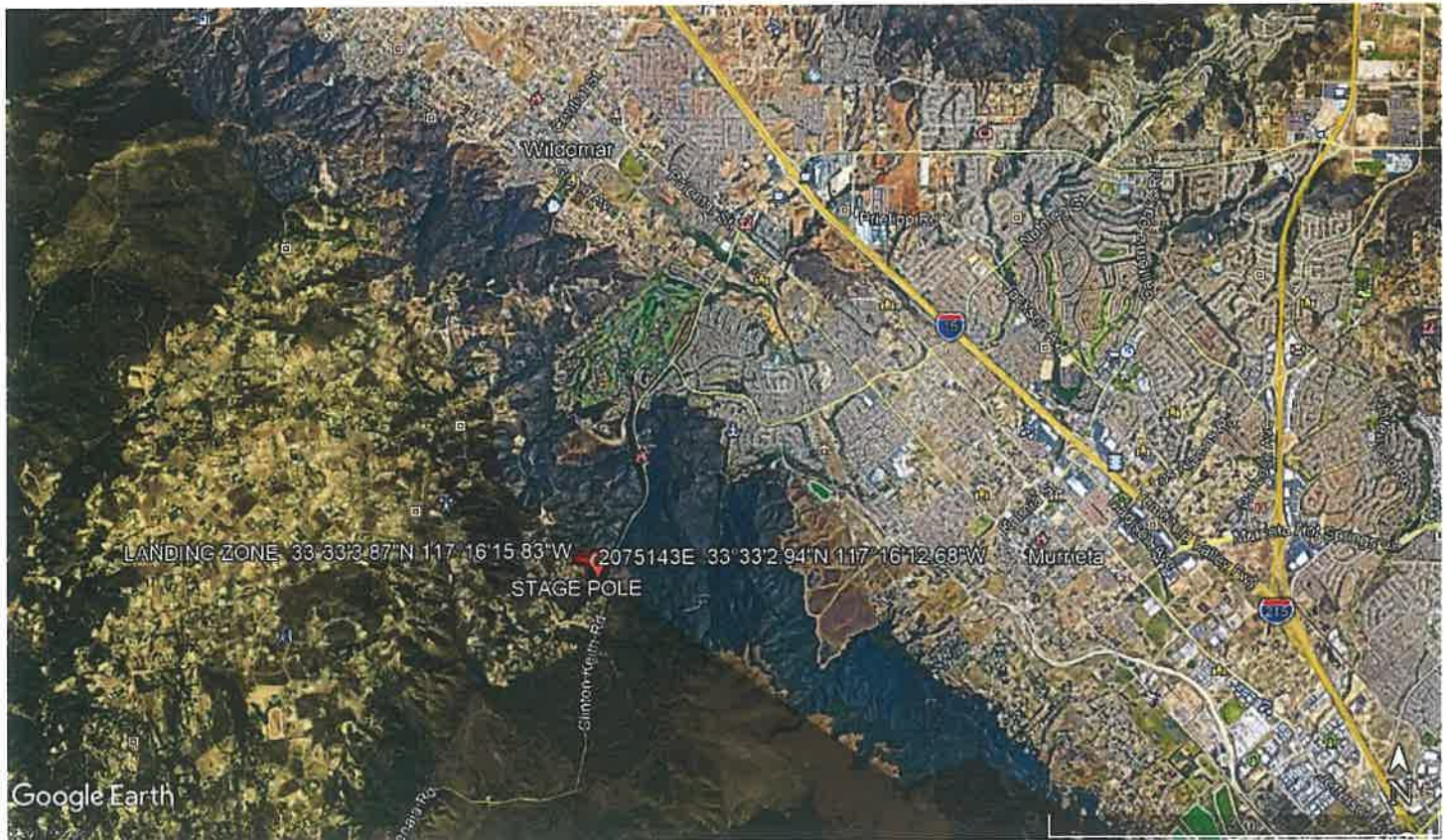
☒ Yes ☐ No

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





NON-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 THE ASSIGNED AREA PRIOR TO BEGINNING HELICOPTER OPERATIONS

1. HELICOPTER WILL FLY LAND AT THE END OF VIA ENTRADA TO CONNECT THE LONGLINE AND TO CONDUCT A SAFETY TAILBOARD
2. WATER TRUCK IS NOT REQUIRED AT THE LZ
3. THE POLE WILL BE STAGED TO THE WEST OF THE LANDING ZONE
4. **IF REQUIRED THE CUSTOMER NEEDS TO TRIM TREES PRIOR TO WORK .**
5. REMOTE AREA NO EVACUATIONS
6. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
7. ROAD CLOSURE PER DIAGRAM BELOW
8. LOCAL AUTHORITIES WILL BE NOTIFIED.

8-12-2019
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



GUARDIAN
HELICOPTERS, INC.

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



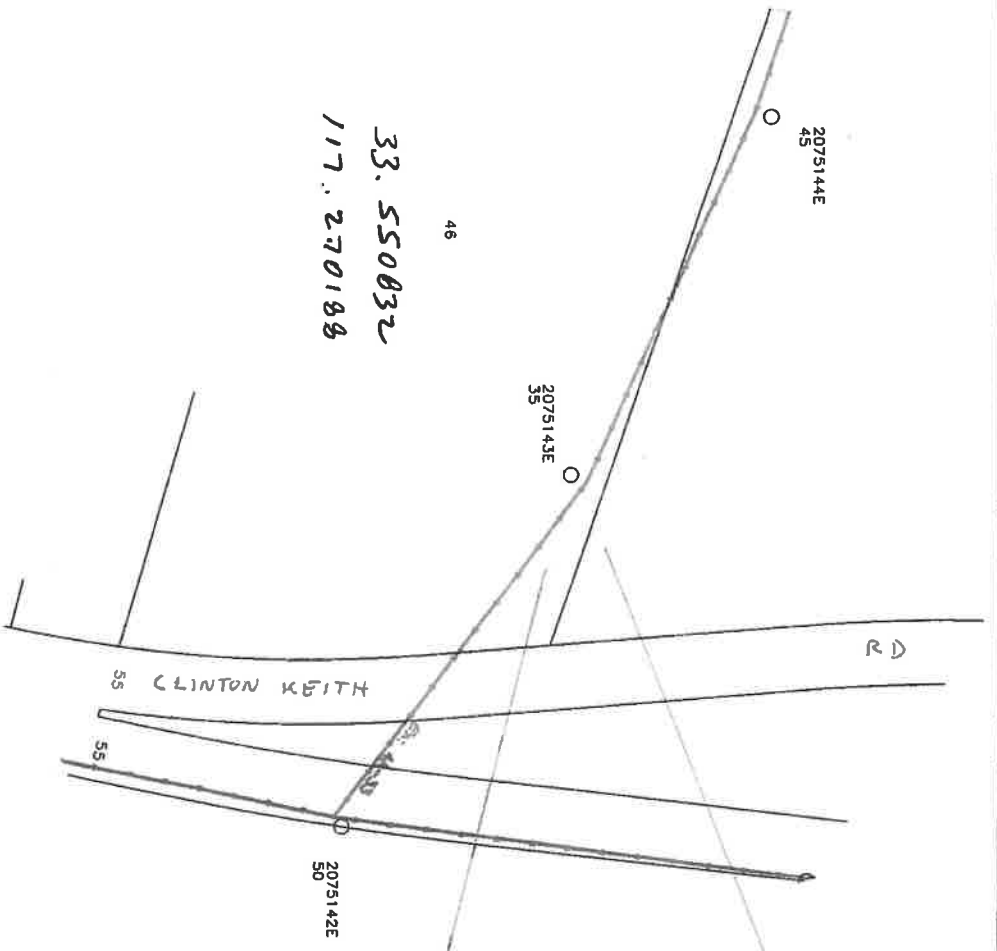
LEGEND

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

AREA SURVEY CONDUCTED BY :

Jeffrey M. Jentura



Bm: 2075143E (1)
 35' L.S.
 1- 85' L.S. WOOD POLE
 1- 5' SCL FB WOOD 35KV
 3- P-1 35KV

10: 2075143E (2)
 45' L.S.

- 1- 45' L.S. WOOD POLE
- 1- 10' COMPOSITE WOODEN
- 2- POLY P-1 45 35KV
- 1- POLY POLE TOP P-1 45 35KV

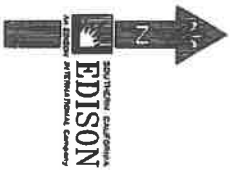
Notes:

HARD ECT CONTEXT
 6 TO FTD
 WELL-PROTECTED ECT
 NO PTL
 NO TL

NOTIFICATION# 409923084, 400549053

DISTRICT BB - WILDOMAR		PROJ. MGR. PHONE 551-245-8439		PLANNER DAVID STONE PHONE 551-245-8439		DESIGNER	
PROJECT NO.	SERVICE REQUEST	USER NO.	PROJECT-1	PROJECT-2	PROJECT-3	ASSOC. DESIGN	
CIRCUIT / VOLTAGE WILDOMAR 133KV		TRANS. RANGE 401 CT	PROJECT-1	PROJECT-2	PROJECT-3	ASSOC. DESIGN	
SUB / PO NO. 62100000 / A1		CIRCUIT CODE 173835	PROJECT-1	PROJECT-2	PROJECT-3	ASSOC. DESIGN	
INVENTORY MAP 504-1084-1	UPA NO.		PROPOSED CONSTRUCTION (LOCATION)				
			REPL. EXISTING P-1 POLE				
			ALONG RD 369' W/O CLINTON KEITH				
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAY /	SHEET 1 OF 1	
Southern California Edison Company						DESIGN/DATE NO.	

NOT TO SCALE



PROJECT REQUIREMENTS (Y/N)	
EDISON EXISTING REQUIRED	☒
PMO 88 REQUIRED	☒
UC CML ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
OUTAGE REQUIRED	☒
OUTAGE DATE: _____	TIME: _____
TRAFFIC CONTROL REQUIRED	☒
PEO TRAFFIC CONTROL REQD	☒
CONFORMANCE LETTER REQD	☒
ENVIRONMENTAL CLEARANCE REQD	☒
CSO 140 (TUV) REQD	☒