

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

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

12-14-2019

US45CL4 1500LBS

Non-cap

TD1487642

Topanga Canyon

Pilot:**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 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: 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:*	JUSTIN CAMPION, CONTRACTOR: EPC, CONSTRUCTION COORDINATOR
Department:*	OPERATIONS & MAINTENANCE **OCI**
Pax:*	PRN# 102411
Cell Number:*	480-622-8398
Email Address:*	JUSTIN.CAMPION@SCE.COM

SAP Accounting Number*	TD1487642
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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):

HELI SET POLE, INACCESSIBLE LOCATION, 45' CL-4 WOOD, ~1500LB LOAD
EPC GENERAL FOREMAN: MARTIN RIVERA, 805-266-3478

General Operating Location	21400 SADDLE PEAK RD, TOPANGA
District	35 - THOUSAND OAKS
LZ Coordinates (if known)	TBD BY AirOps
Pick-up location for passenger flights	NA
Drop-off location for passenger flights	NA

Date(s) for which service is requested	12/05/19 (PLANNED OUTAGE STARTING 0900)
Time of Pick-up	~0945
Approx. mission duration (if known)	UNKNOWN
Back-up date for mission (if known)	UNKNOWN

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 1487642
 ADDRESS: ROCKWIEW TERRACE TOPANGA CA
 LANDING ZONE LATITUDE 34° 4'16.29"N LONGITUDE 118°37'12.45"W ELEV 2200 FT
1639003E LATITUDE 34° 4'3.60"N LONGITUDE 118°37'13.21"W 45 CL 4 1500 LBS
 CONTACT AT SITE: JUSTIN CAMPION SCE PHONE#: 480-622-8398
 PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
 2. BUCKEY MACKAY CERT #: 2778051
 3. MARTIN RODRIGUEZ CERT #: 3555121
 4. MICHAEL KLINK CERT# 3018828

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

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) 45 CL 4 1500 LBS CLASS OF LOAD: EXTL CL B TYPE OF ITEM LIFTING: POLE ☐

AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1500 LBS

NO. OF LIFTS: TBD 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
12-14-2019	SUNRISE	SUNSET	12-1-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
LA COUNTY SHERIFF DEPARTMENT	818-719-6450	WATCH COMMANDER	NOTIFY
LA COUNTY FIRE DEPARTMENT	310-455-1766	STATION 69	NOTIFY

Evacuation

Crowd Control

Street Closure

☒ No Evacuated Structures

☒ Operator

☒ Yes ☐ No

☐ Evacuated Structures

☒ Contractor

☒ Contractor

☐ Operator



SECTION 7

Part 135 GH 4A Part 133 GH 4L NON 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:

BUILDING DESCRIPTION/ADDRESS	REMARKS	METHOD
NONE	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 TAILBOARD SAFETY BRIEF AND HEC TRAINING
2. POLE WILL BE LIFTED FROM THE STAGING AREA
3. FUELING AT THE LZ STAGING AREA
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. TAILBOARD SAFETY BRIEF CONDUCTED AT THE LZ PRIOR TO FLIGHT
6. PARKHOUSE LANE WILL BE EXPERIENCE INTERMITTENT CLOSURES.
7. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
8. WATER TRUCK IS REQUIRED
9. NO EVACUATIONS.
10. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

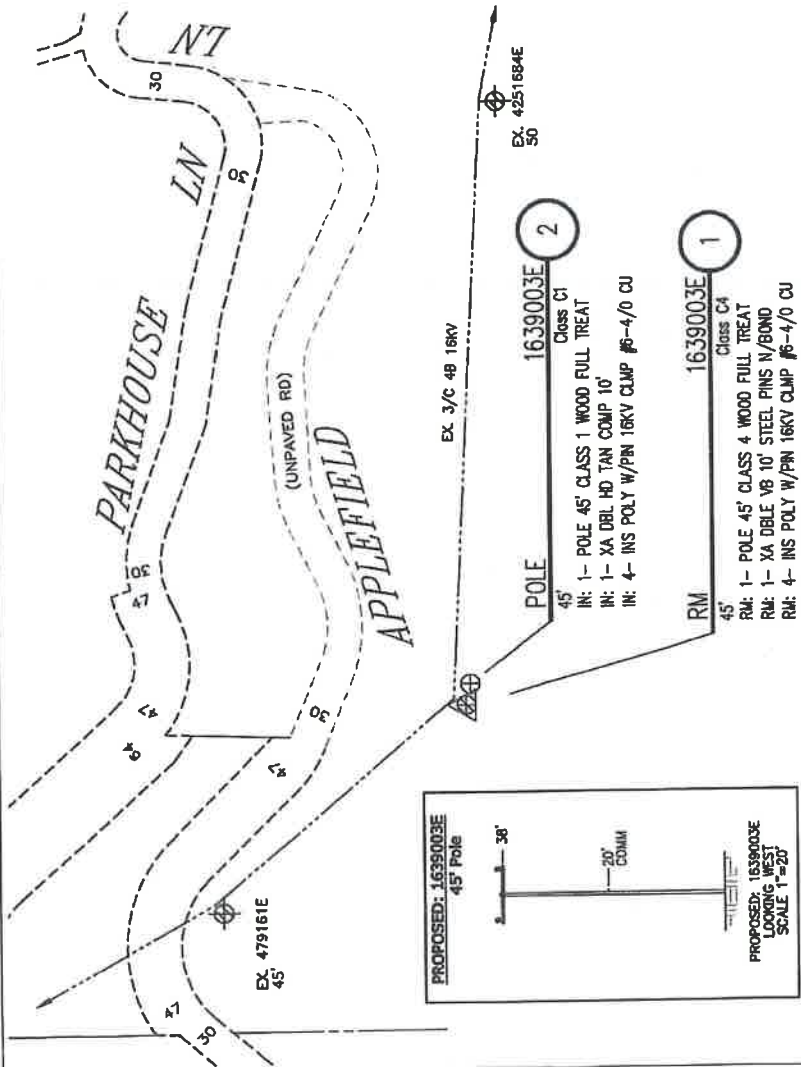




Jeffrey M. Feltner

12-2-2019
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

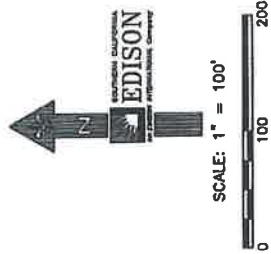


EX: 1639003E
LOOKING SOUTHWEST

PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED	☒
PWRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
OUTAGE DATE: _____ TIME: _____	
OUTAGE REQUIRED	☒
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TUM) REQ'D	☒

01/24 Rev 02/04/18



APN: 4448-022-020

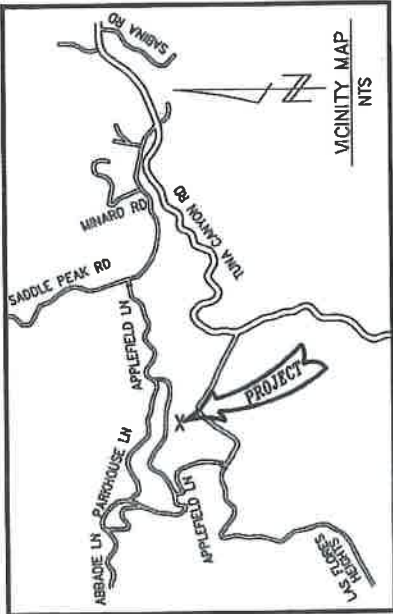
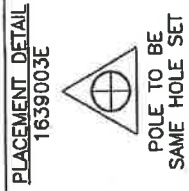
GPS Location
N_34° 03' 03.80"
W_118° 37' 13.08"

NICHOLAS 16KV TAPIA SUB

A3

FINAL DESIGN APPROVED FOR CONSTRUCTION

- NOTES:**
- TRANSFER PRIMARY
 - TRANSFER 1-3/4" COMM
 - POLE HAS BEEN DUG
 - NO TRUCK ACCESS
 - HELICOPTER SET



DISTRICT 35 - THOUSAND OAKS	PROJ. MGR. RYDBERG, JAMES	PLANNER RYDBERG, JAMES	DESIGNER ELIOT, JON
PROJECT NO. 1705594	SERVICE REQUEST 2612810	PHONE 805-228-2335	PHONE 805-228-2335
PRODUCT-1 1487642-PREVENTIVE MAINT (NISP DRIVEN)	PRODUCT-2 THOMAS GUIDE 629 H2	ASSOC DESIGN 1103803	ASSOC DESIGN 1103803
PRODUCT-3 NICHOLAS 16KV	PRODUCT-4 TAPIA SUB (A3)	ASSOC DESIGN	ASSOC DESIGN
SUB / PG NO. 12700	CIRCUIT CODE 68-51A	PROPOSED CONSTRUCTION (LOCATION)	PROPOSED CONSTRUCTION (LOCATION)
INVENTORY MAP 68-51A	J.P.A. NO. E035-40887341	1639003E-REPLC DAMAGE PUBLIC POLE	1639003E-REPLC DAMAGE PUBLIC POLE
DATE 03/15/19	APPROVED BY J. RYDBERG	W/O 21400 SADDLE PEAK RD	W/O 21400 SADDLE PEAK RD
CHECKED BY J. RYDBERG	DRAWN BY J. RYDBERG	TOPANGA, CA 91360	TOPANGA, CA 91360
TYPE F	DATE 03/15/19	DESIGNING NO. 1103803	DESIGNING NO. 1103803
Southern California Edison Company		SHEET 1 OF 2	1103803_0.01

APPROX POLE LOC.

Parkhouse Ln

W. Deerpark

W. Deerpark

W. Deerpark Rd



