

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

☐ **SAFETY BRIEF SIGN IN**

*Cathedral Oaks Santa Barbara
4-27-2019*

☐ **GHI CREW INTRODUCTION**

c2) 45CL4 w/Travis Bomer

☐ **IS A TRANSLATOR REQUIRED**

Cap Approved Email Approved Restricted

☐ **WORK STOP AUTHORITY**

Landing Zone

☐ **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**

☐ **NO CELL PHONES OR CAMERA USED BY GROUND CREW**

Tailboard & Helicopter Safety Briefing

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 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



SOUTHERN CALIFORNIA
EDISON[®]

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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:*	WAYNE RHODES
Department:*	CONSTRUCTION
Pax:*	
Cell Number:*	209-401-6364
Email Address:*	wrhodes@hotlineconstructioninc.com

SAP Accounting Number*	TD1460610
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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):

REPLACING POLE 1217834E 45FT CL4 WOOD

PLEASE ADD TO JOB GUARDIAN IS DOING ON 4-27-19 TD1460610

General Operating Location	5100 CATHEDRAL OAKS SANTA BARBARA
District	49 SANTA BARBARA
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	4-27-19 PLEASE ADD TO GUARDIAN'S JOB ON 4-27-19 TD1460610
Time of Pick-up	
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	WAYNE RHODES
Authorizer PAX and cell number	209-401-6364

**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 _____

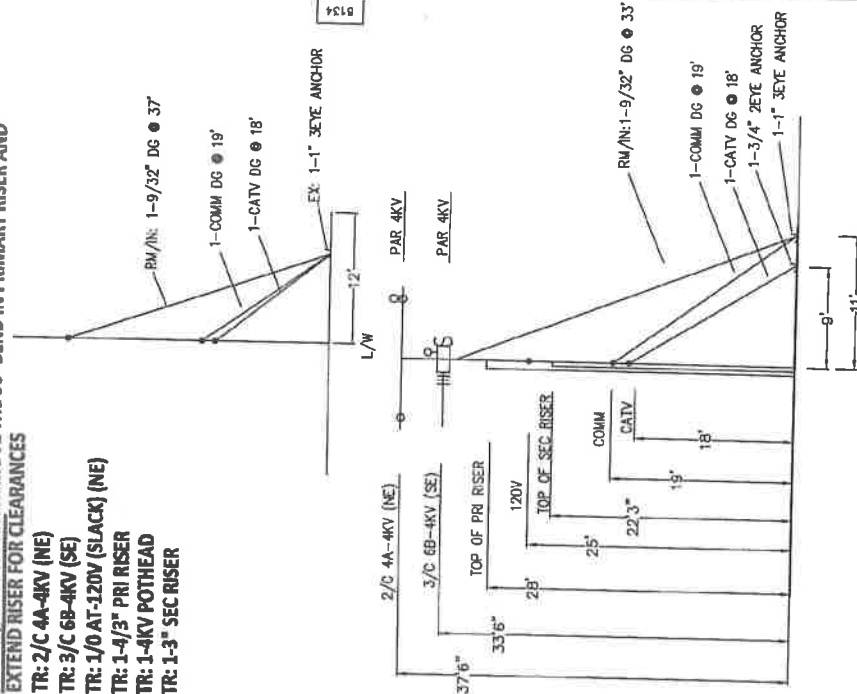
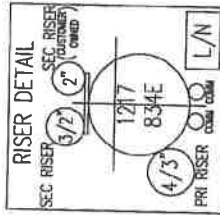
*** NOTES:**

HIGH FIRE - TIER 3
EAGLE ZONE
ENVIRO POLE - WOODPECKER
BULLETIN 322 AREA
JOINT MEET - MULTIPLE RISERS
TRUCK ACCESS
2.5 MILES FROM COAST

NEAREST ADDRESS: N/O 5134 CATHEDRAL OAKS RD

DESIGN/CREW NOTES: REMOVE THE 90° BEND IN PRIMARY RISER AND
EXTEND RISER FOR CLEARANCES

TR: 2/C 4A-4KV (NE)
TR: 3/C 6B-4KV (SE)
TR: 1/O AT-120V (SLACK) (NE)
TR: 1-4/3" PRI RISER
TR: 1-4KV POTHEAD
TR: 1-3" SEC RISER



- RM 40'**
1217834E Class C5
1- POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1- SA PORC 4KV 1-EA
RM: 1- FE CO OPEN 100A 4KV 1-EA
RM: 1- XA SNGL FB 10" STEEL PINS N/BOND
RM: 1- XA DBLE FB 10" STEEL PINS N/BOND
RM: 2- INS GLASS & PIN 4KV
RM: 1- INS NEUT GLASS & PIN 4KV
RM: 3- INS PORC DE 4KV RIG #6
RM: 2- INS PORC DE 4KV RIG #4
RM: 3- SEC ROLLER (165-CLEVS & SPOOL)
RM: 2- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
RM: 1- RSR WOOD BLOCKS

SET SAME HOLE POLE

- 45'**
1217834E Class C4
1- POLE 45' CLASS 4 WOOD FULL TREAT
IN: 1- 4KV HIGH FIRE SURGE ARRESTER
IN: 1- FE CO MNT FOR ELF 100A 2.4KV 1-EA
IN: 1- ELF FUSE 8.3KV, 30 AMP
IN: 2- XA SNGL DE HD COMP 10" W/BKT
IN: 3- INS POLY W/PIN 12KV CLMP #6-4/0 CU
IN: 2- INS POLY DE 4KV RIG #6
IN: 1- INS POLY DE 4KV HOT SHOE #4 & 1/0 ACSR
IN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653
IN: 5- COVER, WILDLIFE, DEAD END CLAMP KIND HDPE MATERIAL, GREY COLOR
IN: 1- GR CH #6 SOL WP PRIMARY W/ROD
IN: 2- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
IN: 1- AG BLOCK & POLE KEY
IN: 1- RSR PRECUT UNSTRUT W/ HARDWARE NO PVC
IN: 1- COVER, WILDLIFE, TO BE USED ON TERMINATORS/POTHEADS, 4-1/2" X 8"

UNGUED DE CALC
A. 128' SPAN 1-1/2" OAT W/50% LIGHT
654.5 LBS x 25'
45' CLASS 4 DF-TB POLE CAN HOLD
BREAST BLOCK & POLE KEY IN CLASS 4 SOIL=47500 FT-LBS
=654.5 LBS
=16362 FT-LBS
=17138 FT-LBS

PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED	☒
PWRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
OUTAGE REQUIRED	☒
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQD	☒
CONVEYANCE LETTER REQD	☒
ENVIRONMENTAL CLEARANCE REQD	☒
CSD 140 (TLM) REQD	☒

OUTAGE DATE: _____ TIME: _____

DISTRICT	49 - SANTA BARBARA	PROJ MGR	TOMASOFF, LAURA	PLANNER	HAMPTON TEDDER	ISSUED	HAMPTON TEDDER
PROJECT NO.	1671111	SERVICE REQUEST	25378039	MSR NO.	909-680-1362	PRODUCT-1	909-628-1253
CONTRACT / NO.	PAR 2.4KV	THOMAS GUIDE	1-460510-INFRA REPLAC - DET POLE REPLACEMENT	PRODUCT-2		ASSOC DESIGN	
SUB / REV NO.	PAR P.T.	CIRCUIT CODE	1.3656	PRODUCT-3		ASSOC DESIGN	
INVENTORY MAP	19-52D	UP-A NO.	E6049-409697226	PROPOSED CONSTRUCTION (LOCATION)		ASSOC DESIGN	
DATE	12/18	APPROVED BY		CHECKED BY		DRAWN BY	
TYPE		DATE		DATE		PAGE	

PROPOSED L/S
1217834E

SHEET 1 OF 1
DESIGNED NO. 1082408 001



NOT TO SCALE



1217834E





SCE Aircraft Operations Flight Request Form

Requestor Information

SAP Accounting Number*	TD1296821
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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):

REPLACE DET POLE 1217836E 40' C4 (1.025LBS) WITH 45' C4(1.225LBS)
JOB NEEDS TO BE DONE ON A WEEKEND DUE TO OUTAGE AFFECTING
SCHOOL

Date(s) for which service is requested	1ST WEEK OF APRIL OR EARLIEST AVAILABLE AFTER THAT
Time of Pick-up	0800
Approx. mission duration (if known)	8-10 HRS
Back-up date for mission (if known)	EARLIEST AVAILABLE

**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

* NOTES: JOINT POLE

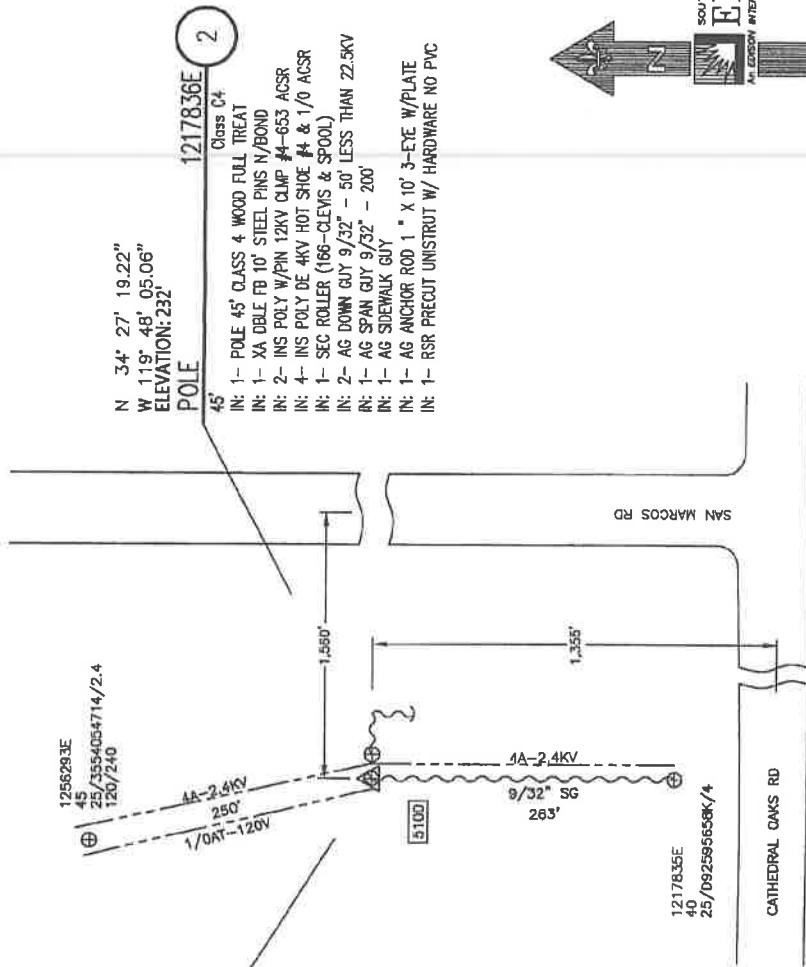
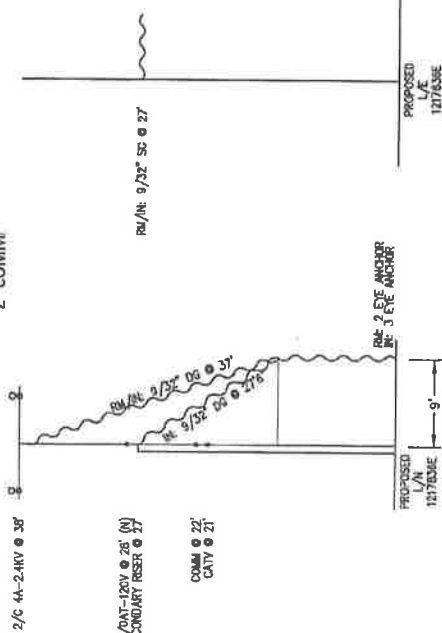
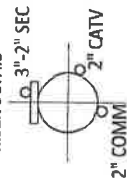
ENVIRO POLE - OPEN & WEEDY
BULLETIN 322 AREA
EAGLE ZONE
JOINT MEET - MULTIPLE RISERS
HAND SET
SET SAME HOLE

- 1 RM 40' 1217836E Class C4
- RM: 1- POLE 40' CLASS 4 WOOD FULL TREAT
 - RM: 1- XA SING FB 10" STEEL PINS N/BOND
 - RM: 1- INS GLASS & PIN 4KV
 - RM: 1- INS NEUT GLASS & PIN 4KV
 - RM: 2- INS GLASS DE ROLLER #4 ACSR
 - RM: 2- INS GLASS/POLY 33KV & LESS
 - RM: 1- SEC 3-WIRE (284 RACK)
 - RM: 1- SEC ROLLER (166-CLEMS & SPOOL)
 - RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
 - RM: 1- AG SPAN GUY 9/32" - 200'
 - RM: 1- AG SIDEWALK GUY
 - RM: 1- AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE
 - RM: 1- RSR 4' ON KICK BLOCK EXTENSION

TRANSFER (S):

2/C 4A-2.4KV
1-1/OAT-120V (N)
1-3"-2" SEC RISER

EXISTING
RISER DETAIL



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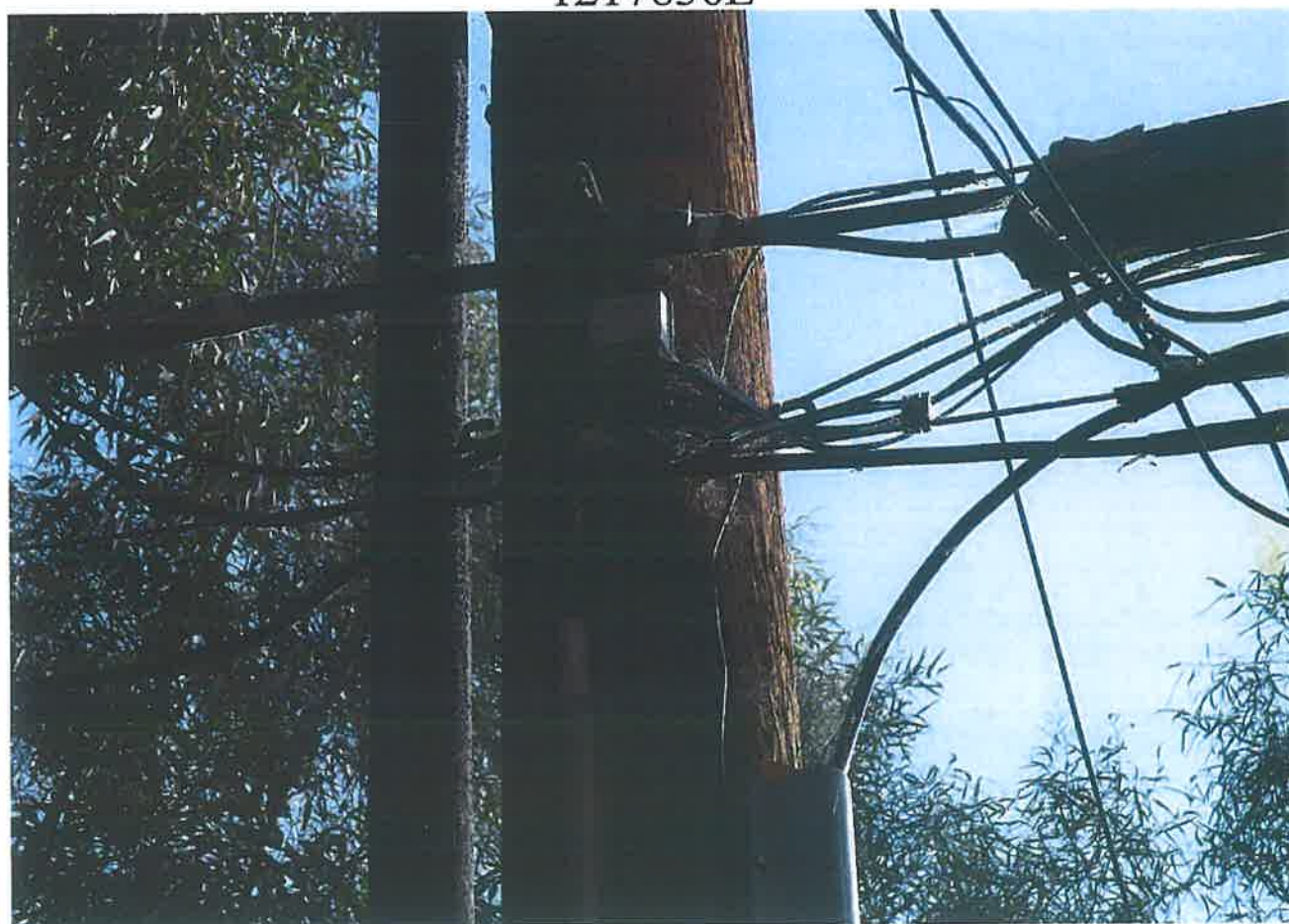
NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)	
EDISON EXISTENCE REQUIRED	(N)
PERM REQUIRED	(N)
PERMIT TYPE:	
OUTAGE DATE:	TIME:
TRAFFIC CONTROL REQUIRED	(N)
FEED TRAFFIC CONTROL REQ'D	(N)
CONVEYANCE LETTER REQ'D	(N)
ENVIRONMENTAL CLEARANCE REQ'D	(Y)
CSB 140 (TMA) REQ'D	(N)

DISTRICT	49 - SANTA BARBARA	PROJ. MGR. PARK, JU YOUNG	PLANNER	ASPLUNDH	DESIGNER	ASPLUNDH
PROJECT NO.	1465333	SERVICE REQUEST	DATE NO.	12/28/21	PRODUCT	12/28/21
CIRCUIT / VOLTAGE	2.4KV	THOMAS GUIDE	PRODUCT	2	ASSOC DESIGN	
SUB / PG. NO.		CIRCUIT CODE	PRODUCT	3	ASSOC DESIGN	
PAR. P.T. SUB		J.P.A. NO.	408725555	PROPOSED CONSTRUCTION (LOCATION)	POLE # 1217836E	
INVENTORY MAP	19-52C				5100 CATHEDRAL OAKS RD	
					SANTA BARBARA, CA	
DATE		APPROVED BY	CHECKED BY	DESIGNED BY	PAK #	SHEET
Southern California Edison Company						DESIGN DRAWING NO. 950237 0.01



1217836E





1217836E





SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan
(Submit in duplicate)

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

EDISON POLE REPLACEMENT WORK ORDER NUMBER: TD 1296821 TD1460610
ADDRESS: 5100 CATHEDRAL OAKS RD : SANTA BARBARA CA
LANDING ZONE LATITUDE 34°27'12.62"N LONGITUDE 119°48'17.64"W
POLE 1217834E LATITUDE 34°27'15.58"N LONGITUDE 119°48'4.73"W
POLE 1217836E LATITUDE 34°27'19.52"N LONGITUDE 119°48'4.83"W
SANTA BARBARA COTTAGE HOSPITAL LATITUDE 33°25'43.59"N LONGITUDE 119° 43' 27.81"W
MAIN NUMBER 805-682-7111 400 W PUEBLO ST SANTA BARBARA CA 93105
CONTRACTOR'S NAME: HOT LINE CONSTRUCTION PHONE#: 209-401-6364
CONTACT AT SITE; WAYNE RHODES PHONE #: 209-401-6364
PILOT'S NAME(S): 1. JOHN OLSEN CERT #: 2769166
2. BUCKEY MACKAY CERT #: #:2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT# 33018828

TYPE OF AIRCRAFT:

BELL 205A1 N# N216GH A/C CATEGORY: STANDARD
BELL 407 N# N407GH 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 POLE ↓ 2 POLE ↑ 45 CL 4 1250 LBS

MAX SINGLE – LIFT WEIGHT: 1300 LBS CLASS OF LOAD: EXTERNAL

NO. OF LIFTS: 4 LONG LINE: (NO) XXX (YES) 100 FT + 50 FT POLE = 150 FT

(LENGTH) WE WILL MAINTAIN A MINIMUM OF THAT SUM AWAY FROM HOMES EDGE OF OPERATING AREA

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

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
4-27-2019	0800	1600	4-10-2019
CROWD CONTROL			
OWNER:	XXX	CONTRACTOR:	XXX
OPERATOR:	XXX	SECURITY:	
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
POLICE DEPARTMENT	805-681-4100	WATCH COMMANDER	NOTIFIED
FIRE DEPARTMENT	805-365-5254	STATION 4	NOTIFIED
AIR TRAFFIC CONTROL	805-683-4011	SANTA BARBARA AIRPORT	NOTIFIED



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

BUILDING DESCRIPTION/ADDRESS	REMARKS	PHONE #:
5210 PASEO CAMEO	VACANT DURING OPS	HAND DELIVER
5220 PASEO CAMEO	VACANT DURING OPS	HAND DELIVER
831 POINSETTIA WAY	VACANT DURING OPS	HAND DELIVER
700 POINSETTIA WAY	VACANT DURING OPS	HAND DELIVER
5134 CATHEDRAL OAKS	VACANT DURING OPS	HAND DELIVER
5098 CATHEDRAL OAKS	VACANT DURING OPS	HAND DELIVER
5108 CATHEDRAL OAKS	VACANT DURING OPS	HAND DELIVER
7 ADDITIONAL DWELLINGS ADDRESS UNKNOWN	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM	VACANT DURING OPS	HAND DELIVER





Congested Area Plan (Continued)
(Submit in duplicate)

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. ALL BUILDINGS IN THE OPERATING AREA WILL BE VACANT.

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. THE HELICOPTER WILL FUEL AND THE LONGLINE WILL BE ATTACHED AT STAGING AREA
2. THE POLE WILL BE STAGED IN THE CUL-DE-SAC AT THE END OF POINSETTIA WAY
3. 14 HOMES WILL BE EVACUATED. STREET CLOSURE CREW WILL ASSIST IN VERIFYING VACANCY
4. CUSTOMER WILL PROVIDE WATER TRUCK AT THE STAGING AREA.
5. POINSETTIA WAY AND CATHEDRAL OAKS PLACE WILL EXPERIENCE INTERMITTENT STREET CLOSURES
6. EMERGENCY LANDING ZONE IS NEAR THE POLE SET SITE AND STAGING AREA
7. SANTA BARBARA COUNTY SHERIFF AND FIRE DEPARTMENT WILL BE NOTIFIED.
8. THE SECURE AREA IS GREATER THEN 300 FT IN ALL DIRECTIONS FROM THE ATTACH AND RELEASE AREAS

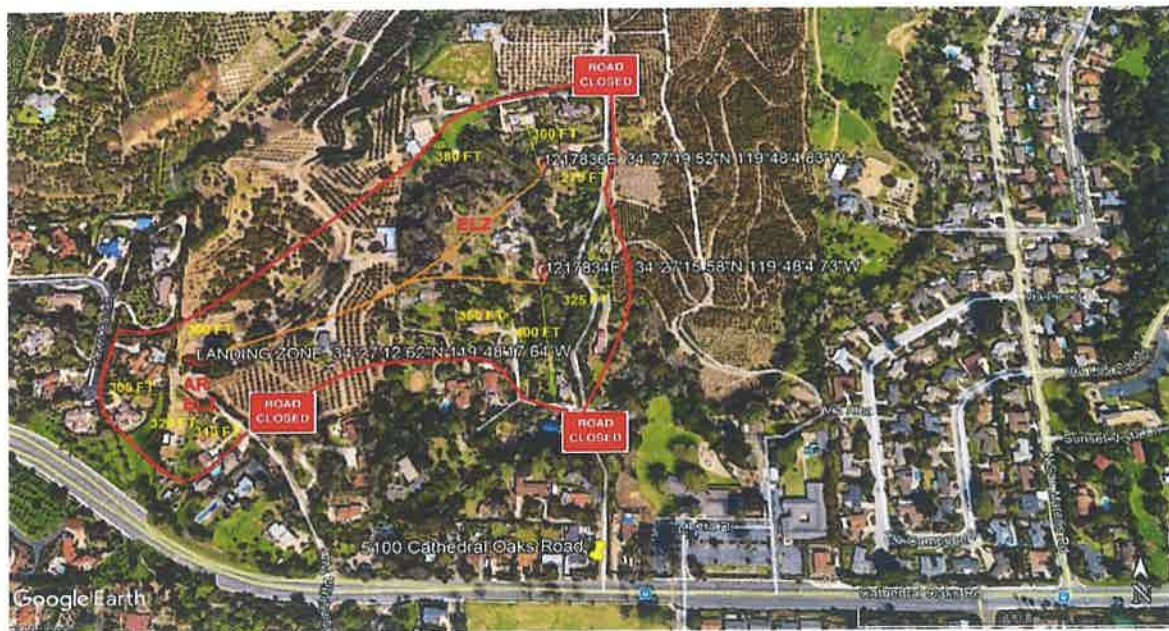
4-9-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



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)	V = VACANT
FLIGHT PATH = >>>>	EMERGENCY LAND = (ELZ)	
UNOCCUPIED BUILDING = (UBA)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

AREA SURVEY CONDUCTED BY :

Jeffrey M. Joubert



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.**
- **POINSETTIA WAY AND CATHEDRAL OAKS WILL EXPERIENCE INTERMITTENT STREET 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: **4-27-2019**
- 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

THE POLE WILL BE STAGED AT THE END OF POINSETTIA ROAD



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	VACANT DURING OPS	HAND DELIVER



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

www.guardianhelicoptersusa.com



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,

A handwritten signature in blue ink that reads "Jeffrey M. Teubner". The signature is written in a cursive style with a large, stylized "J" and "T".

Jeffrey M. Teubner

Flight Coordinator

818-442-9904 office

818-621-3794 cell



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

Aviation Safety

Flight Standards Service
General Aviation Safety Assurance
General Aviation G (AFG-700)

Van Nuys Flight Standards District Office
16501 Sherman Way, Suite #330
Van Nuys, California 91406
818-267-3300, Fax: 818-786-9732

To: Jeffrey Teubner
Company: Guardian Helicopters
Phone: 818-442-9904
Fax: 818-442-9901
From: Eric C. Burg
Title: Aviation Safety Inspector
Date: April 15, 2019
Pages including Cover: 10

RE: LP19062 – 201903249

Mr. Teubner,

We confirm the approval of the Congested Area Plan (CAP) submitted by you on April 10, 2019. This approval concerns the proposed operation at 5100 Cathedral Oaks Rd. in Santa Barbara, CA, on April 27, 2019 from 0800 PST to 1600 PST.

Inspectors from this office may monitor the operation to ensure compliance with the approved plan.

Should you have any questions or request to submit a change to this plan, please contact this office at 818-267-3300.

Sincerely,

Eric C. Burg
Aviation Safety Inspector
818-267-3330



GUARDIAN
HELICOPTERS, INC.

SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan

(Submit in duplicate)

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

EDISON POLE REPLACEMENT WORK ORDER NUMBER: TD 1296821 TD1460610
ADDRESS: 5100 CATHEDRAL OAKS RD : SANTA BARBARA CA
LANDING ZONE LATITUDE 34°27'12.62"N LONGITUDE 119°48'17.64"W
POLE 1217834E LATITUDE 34°27'15.58"N LONGITUDE 119°48'4.73"W
POLE 1217836E LATITUDE 34°27'19.52"N LONGITUDE 119°48'4.83"W
SANTA BARBARA COTTAGE HOSPITAL LATITUDE 33°25'43.59"N LONGITUDE 119° 43' 27.81"W
MAIN NUMBER 805-682-7111 400 W PUEBLO ST SANTA BARBARA CA 93105
CONTRACTOR'S NAME: HOT LINE CONSTRUCTION PHONE#: 209-401-6364
CONTACT AT SITE; WAYNE RHODES PHONE #: 209-401-6364
PILOT'S NAME(S): 1. JOHN OLSEN CERT #: 2769166
2. BUCKEY MACKAY CERT #: #:2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT# 33018828

TYPE OF AIRCRAFT:

BELL 205A1 N# N216GH A/C CATEGORY: STANDARD
BELL 407 N# N407GH 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 POLE 2 POLE 45 CL 4 1250 LBS

MAX SINGLE - LIFT WEIGHT: 1300 LBS CLASS OF LOAD: EXTERNAL

NO. OF LIFTS: 4 LONG LINE: (NO) XXX (YES) 100 FT + 50 FT POLE = 150 FT

(LENGTH) WE WILL MAINTAIN A MINIMUM OF THAT SUM AWAY FROM HOMES EDGE OF OPERATING AREA

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

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
4-27-2019	0800	1600	4-10-2019
CROWD CONTROL			
OWNER:	XXX	CONTRACTOR:	XXX
OPERATOR:	XXX	SECURITY:	
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
POLICE DEPARTMENT	805-681-4100	WATCH COMMANDER	NOTIFIED
FIRE DEPARTMENT	805-365-5254	STATION 4	NOTIFIED
AIR TRAFFIC CONTROL	805-683-4011	SANTA BARBARA AIRPORT	NOTIFIED

INSPECTOR

FAA APPROVED, VAN NUYS FSDO
NOTIFIED
EFFECTIVE DATE APR 15 2019



GUARDIAN
HELICOPTERS, INC.

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

BUILDING DESCRIPTION/ADDRESS	REMARKS	PHONE #:
5210 PASEO CAMEO	VACANT DURING OPS	HAND DELIVER
5220 PASEO CAMEO	VACANT DURING OPS	HAND DELIVER
831 POINSETTIA WAY	VACANT DURING OPS	HAND DELIVER
700 POINSETTIA WAY	VACANT DURING OPS	HAND DELIVER
5134 CATHEDRAL OAKS	VACANT DURING OPS	HAND DELIVER
5098 CATHEDRAL OAKS	VACANT DURING OPS	HAND DELIVER
5108 CATHEDRAL OAKS	VACANT DURING OPS	HAND DELIVER
7 ADDITIONAL DWELLINGS ADDRESS UNKNOWN	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM	VACANT DURING OPS	HAND DELIVER



FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE APR 15 2019
INSPECTOR IRy



Congested Area Plan (Continued)
(Submit in duplicate)

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. ALL BUILDINGS IN THE OPERATING AREA WILL BE VACANT.

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. THE HELICOPTER WILL FUEL AND THE LONGLINE WILL BE ATTACHED AT STAGING AREA
2. THE POLE WILL BE STAGED IN THE CUL-DE-SAC AT THE END OF POINSETTIA WAY
3. 14 HOMES WILL BE EVACUATED. STREET CLOSURE CREW WILL ASSIST IN VERIFYING VACANCY
4. CUSTOMER WILL PROVIDE WATER TRUCK AT THE STAGING AREA.
5. POINSETTIA WAY AND CATHEDRAL OAKS PLACE WILL EXPERIENCE INTERMITTENT STREET CLOSURES
6. EMERGENCY LANDING ZONE IS NEAR THE POLE SET SITE AND STAGING AREA
7. SANTA BARBARA COUNTY SHERIFF AND FIRE DEPARTMENT WILL BE NOTIFIED.
8. THE SECURE AREA IS GREATER THEN 300 FT IN ALL DIRECTIONS FROM THE ATTACH AND RELEASE AREAS

4-9-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

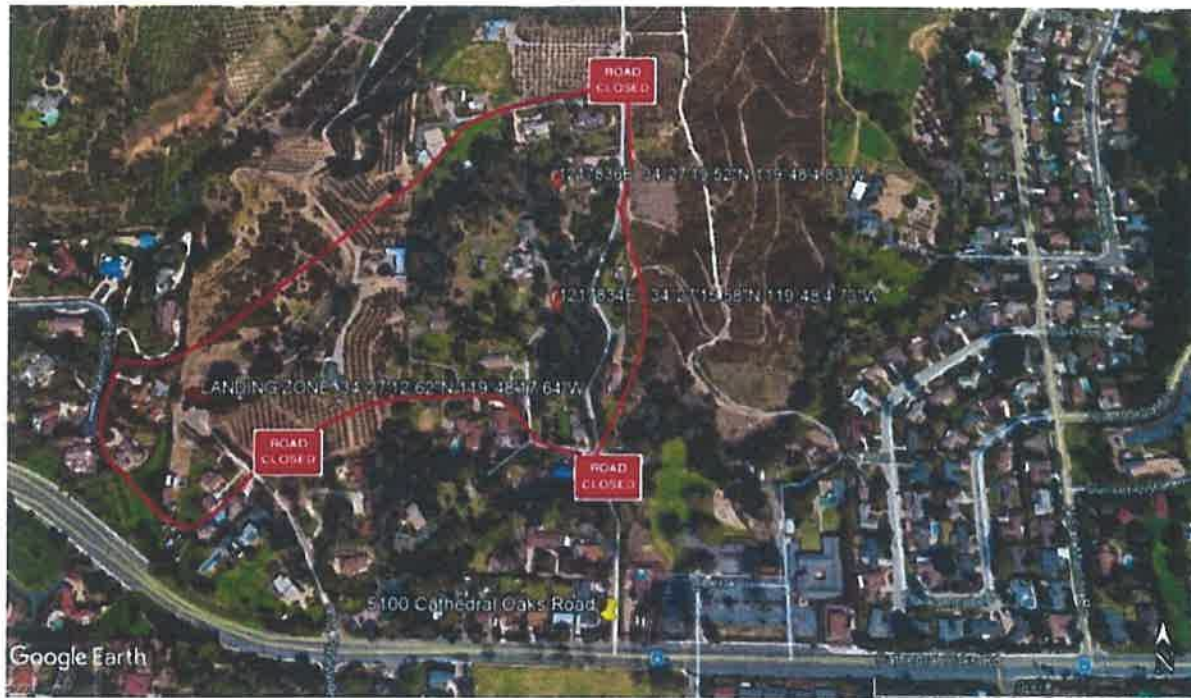
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EFFECTIVE DATE APR 15 2019
INSPECTOR [Signature]



GUARDIAN
HELICOPTERS, INC.

Part 135 GH 4A Part 133 GH 4L

OPERATIONS AREA DIAGRAM



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EFFECTIVE DATE APR 15 2019
INSPECTOR 213



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EFFECTIVE DATE APR 15 2019
INSPECTOR EBJ



LEGEND

SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH		
LANDING AREA = (LZ)	STREET BLOCKED = XXXX	TOP TWO FLOORS = UBT2
ATTACH AREA = (A)	RELEASE AREA = (R)	V = VACANT
FLIGHT PATH = >>>	EMERGENCY LAND = (ELZ)	
UNOCCUPIED BUILDING = (UBA)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

AREA SURVEY CONDUCTED BY :

Jeffrey M. Johnston

FAA APPROVED, VAN NUYS FSDO

EFFECTIVE DATE **APR 15 2019**

INSPECTOR *[Signature]*



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.**
- **POINSETTIA WAY AND CATHEDRAL OAKS WILL EXPERIENCE INTERMITTENT STREET 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: 4-27-2019**
- **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

THE POLE WILL BE STAGED AT THE END OF POINSETTIA ROAD

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE **APR 15 2019**
INSPECTOR *[Signature]*

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

www.guardianhelicoptersusa.com



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EFFECTIVE DATE APR 15 2019
INSPECTOR E. B. B.



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

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