

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER	
WILL BE CONDUCTED UTILIZING THE FOL	LOW CHECKLIST: Tierra Cielo SB
☐ SAFETY BRIEF SIGN IN	9-29-2019
☐ GHI CREW INTRODUCTION	145C12 1675EBS
☐ IS A TRANSLATOR REQUIRED	possible Lz or Hoverhockup
☐ WORK STOP AUTHORITY	9 Eugenations
 □ WORK STOP AUTHORITY □ DESIGNATE A 911 CALLER □ IDENTIFY CLOSEST EMERGENCY MEDIC □ CREW FATIGUE AND HYDRATION 	902641417 CAPSubmilled
☐ IDENTIFY CLOSEST EMERGENCY MEDI	CAL SERVICES Approved
☐ CREW FATIGUE AND HYDRATION	
☐ HELICOPTER LIFT LIMITATIONS	
☐ HAZMAT WILL OR WILL NOT BE CARRI	ED ON THE HOOK
□ NON GHI EMPLOYEES WILL NOT APPR	OACH HELICOPTER WITH ROTORS ENGAGED
☐ HELICOPTER HAZARD AREA (TAIL/MA	IN ROTOR)
☐ EFFECT OF ROTOR DOWN WASH ON L	OAD
DUST MASK: BURN AREA, DUST, PC	DLLEN EXPOSURE
☐ HELICOPTER DOOR REMOVAL AND FIF	RE EXTINGUISHER LOCATION
☐ PPE REQUIREMENTS (GLOVES, EYE PR	OTECTION, HARD HAT WITH CHIN STRAP
☐ PILOT/GROUND CREW COMMUNICAT	IONS/ LOST COMMUNICATIONS
PROCEDURES	
□ POTENTIAL STATIC CHARGE CAUSED B	Y 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 / 1	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 B	Y GROUND CREW



Non-compliance with established procedures may result in your removal from the mission

Pilot:	ilot:		
Support Cre	ew:		
Location:			
Mission:			
Aircraft:			
Note: By signing	g this document you acknowledg insuring all loose items are secu	e you understood all items brief	ed to you and that you are
DATE	PRINT NAME	SIGNATURE	COMPANY
			UF.
		=	

Tailboard Briefing Guide Updated: January 17, 2019

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: First aid/survival kit Fire extinguisher Fuel and battery shut off procedure 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 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	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: <u>airops@sce.com</u> 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

Fligh	t requested by:*	GILBERT LEG	ON		11-11-11-11
Depa	rtment:*	TBDU SANTA	BARBARA		
Pax:*	t	75248			
Cell N	Number:*	805-358-0963			
Emai	l Address:*	GILBERT.LEC	N@SCE.COM		
		1000			
SAP	Accounting Number*	NOT 9026414	17		
	10.0				*
			Flight Descript	<u>ion</u>	
Pleas	e choose a mission type				
_					_ v
	Camera – HD/IR		Line String	iII	Pole-set
	Crew support		Passenger		Recon
	External Load		Patrol		Training
	HEC		Photo		Need more info, please contact
N/I:	on angolitic details (Dannar	.ama ==12 <i>t</i>	laha aua	allead time at a
MISSI	on specific details (ex:)				
TAIL				NATED LZ	WILL BE USED FOR
TAIL	BOARD, FLIGHT LOC	ATIONIMA	AP AATTACHED		
Gener	ral Operating Location		41 TIERRA CEILO		
Distri			49 SANTA BARBARA		
LZC	oordinates (if known)		37 27 5 N 119 41 59	w	
	up location for passeng	er flights	N/A		
	off location for passen		N/A		
		M. Jel			
Date(s) for which service is 1	equested	9-29-19		
Time	of Pick-up		0900		
Appro	ox. <mark>mission duration (i</mark> t	known)	2-3 HRS		
Back-	-up date for mission (if	known)			
Autho			ALICIA PILLADO		
Autho	prizer PAX and cell nu	mber	75203 850-358-8337		
*requi	ired information				Click to e-mail form
For of	fice use only				
Date R	Received by Aircraft Opera	tions:	Date In	itial Contact N	Made:
Referre	ed to contractor: No '	Yes, Date:	Cor	npany:	
Follow	v up status: 🗅 Week 1				
	□ Week 2				
	□ Week 3			200	



SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan (Submit in duplicate)

Operator:

Guardian Helicopters, Inc

67 D STREET

Fillmore CA. 93015 Phone (818) 442-9904 FAX (818) 442-9901

PROJECT: EDISON POLE REPLACEMENT WORK ORDER NUMBER: 902641417

ADDRESS: 62 TIERRA CIELO LANE : SANTA BARBARA CA HOVER HOOK UP LATITUDE 34°27'6.23"N LONGITUDE 119°41'59.66"W

POLE STAGING AREA LATITUDE 34°27'5.19"N LONGITUDE 119°42'2.36"W

POLE 1608687E LATITUDE 34°27'7.79"N LONGITUDE 119°42'5.00"W 45 CL 2 1675 LBS

CONTRACTOR'S NAME: TBDU SANTA BARBARA PHONE#: 805-358-0963

CONTACT AT SITE; GIBERT LEON PHONE #: 805-358-0963 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 POLE ♥ 1 POLE ♠ 45 CL 2 LBS

MAX SINGLE – LIFT WEIGHT: 1665 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: 2 LONG LINE: (NO) XXX (YES) 100 FT + 45 FT POLE = 145 FT

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

OPERATIONAL ALTITUDE: < 50 STREET CLOSING: (N0) XXX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
9-29-2019	SUNRISE	SUNSET	5-29-2019
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



Congested Area Plan (Continued) (Submit in duplicate)

Evacuation

☐ No Evacuated Structures

Evacuated Structures

Crow	٦.	Co	
Crow	·u	V . (1)	

Operator

Contractor

Street Closure

✓ Yes □ No

Contractor

Operator

BUILDING DESCRIPTION/ADDRESS	REMARKS	METHOD
41 TIERRA CIELO LANE	VACANT DURING OPS	HAND DELIVER
46 TIERRA CIELO LANE	VACANT DURING OPS	HAND DELIVER
53 TIERRA CIELO LANE	VACANT DURING OPS	HAND DELIVER
54 TIERRA CIELO LANE	VACANT DURING OPS	HAND DELIVER
61 TIERRA CIELO LANE	VACANT DURING OPS	HAND DELIVER
62 TIERRA CIELO LANE	VACANT DURING OPS	HAND DELIVER
66 TIERRA CIELO LANE	VACANT DURING OPS	HAND DELIVER
1645 LOS CANOAS RD	VACANT DURING OPS	HAND DELIVER
2109 LOS CANOAS RD	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	VACANT DURING OPS	HAND DELIVER





Congested Area Plan (Continued)

(Submit in duplicate)

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.

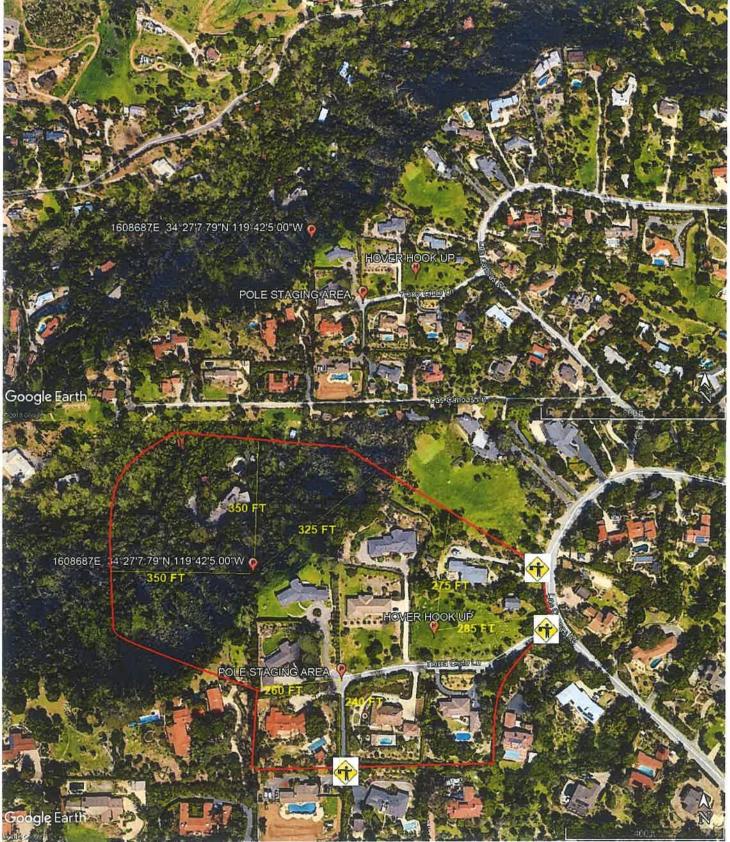
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

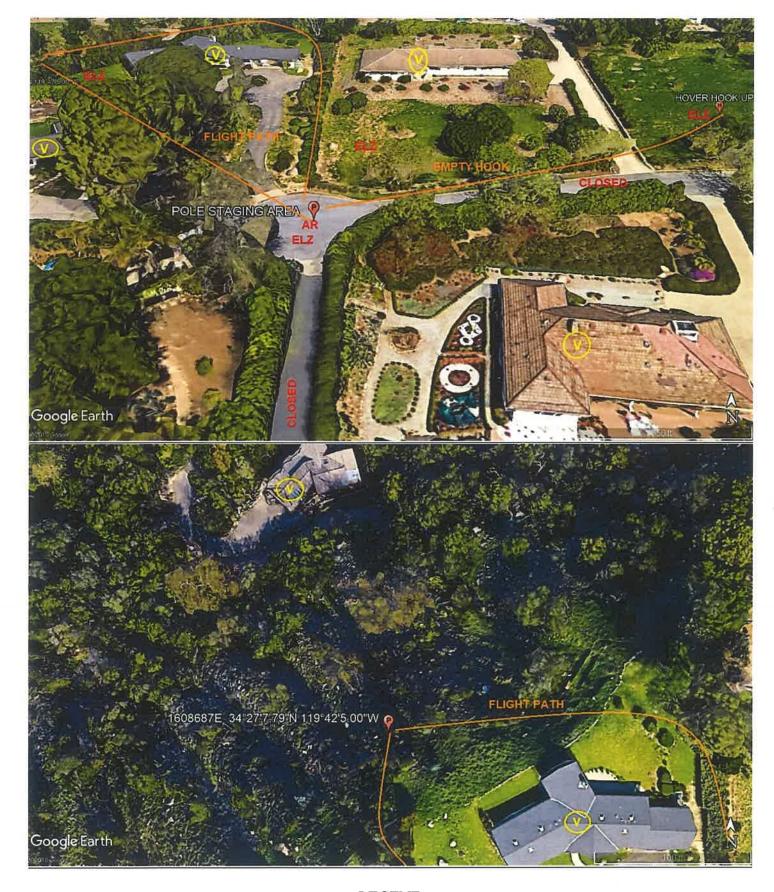
A TAILBOARD SAFETY MEETING WILL BE CONDUCTED PRIOR TO BEGINNING ANY HELICOPTER OPERATIONS

THE AIRCRAFT WILL UTILIZE THE FLIGHT PATH IN DIAGRAM TO ENTER AND EXIT THE OPERATING AREA

- 1. THE HELICOPTER WILL EITHER CONDUCT A HOVER HOOK UP OF THE LONGLINE AT THE STAGING AREA PILOT MAY CHOOSE TO LAND AT STAGING AREA IF HE FEELS IT IS LEVEL ENOUGH
- 2. THE POLES WILL BE STAGED AT THE CUL-DE-SAC
- 3. WATER TRUCK IS REQUIRED AT HOVER HOOK UP
- 4. DRIVEWAYS TO EVACUATED ADDRESSES WILL BE CLOSED
- 5. PRIOR TO BEGINNING LIFT OPERATIONS FLAGMAN AND GHI GROUND CREW WILL ENSURE HOMES THAT REQUIRE EVACUATION ARE VACANT. USE THE LIST OF ADDRESSES AND THE DIAGRAM TO MAKE SURE ALL HOMES WITHIN THE OPERATING AREA ARE EVACUATED.
- 6. THE EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE CLEARING ON THE FLIGHT PATH
- 7. 9 HOME WILL BE EVACUATED IN ADDITION ALL STRUCTURES WITHIN THE OPERATING AREA WILL BE VACANT
- 8. SANTA BARBARA COUNTY SHERIFF AND FIRE DEPARTMENT WILL BE NOTIFIED.
- 9. THE SECURE AREA IS GREATER THEN 285 FT IN ALL DIRECTIONS FROM THE ATTACH AND RELEASE AREAS







LEGEND

SITE P	LAN SYMBOLS: EVACUATION FLIGHT PAT	'H
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)	

9-25-2019 DATE OF SUBMISSION COMPANY OFFICIAL / TITLE

RM 1-90 CL3 Wood Pole RM 1-8' XARM 4-PIN & GLASS

1-95 LL 2 1-2' 10'XARM 34° 27'8" N 119' 12'5" W 45 L L Z 1-10 X ARM

9/10/2019



62 Tierra Cielo Ln

Santa Barbara, CA 93105











Directions

Save

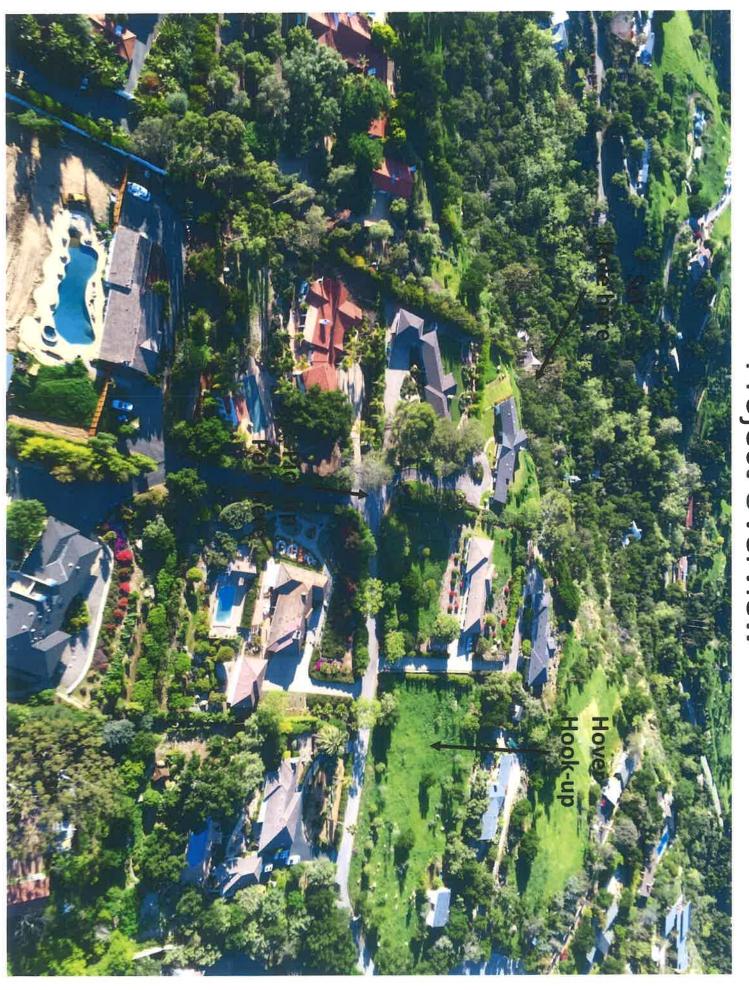
learby Send to you phone

Share

Photos



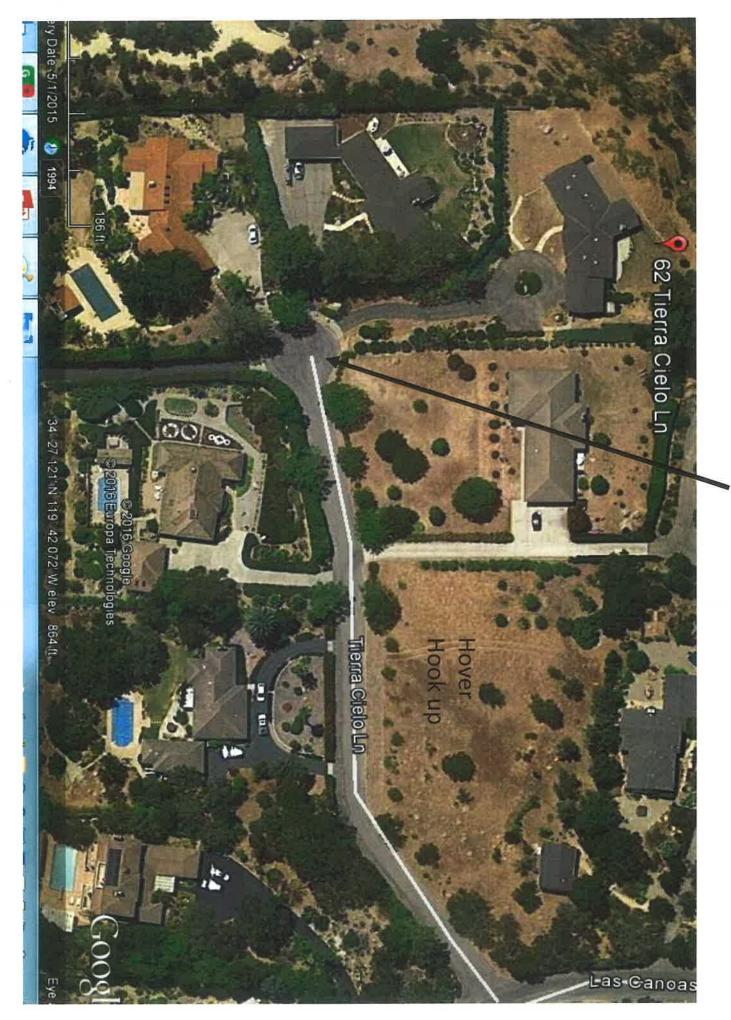
https://www.google.com/maps/place/62+Tierra+Cielo+Ln,+Santa+Barbara,+CA+93105/@34.4519563,-119.7004991,186m/data=l3m1l1e3l4m13!1m7!3m6l1s0x80e







Pole pick up location





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.
- Tierra Cielo Lane and driveways leading to evacuated homes will be closed during operations
- 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: 9-29-2019
- 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

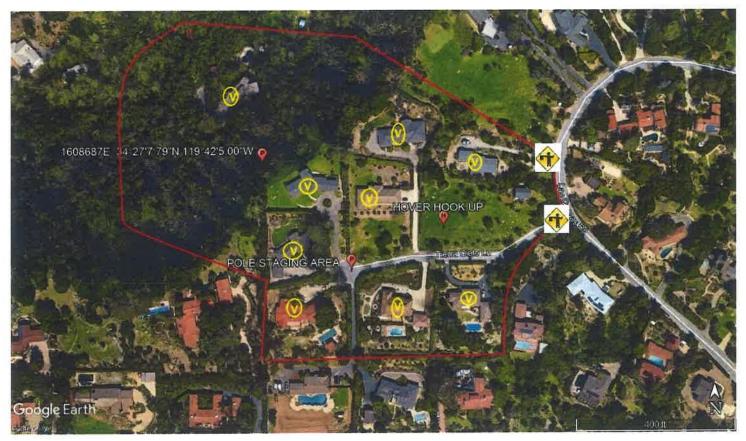
The pole will be staged in the cul-de-sac at the end of Tierra Cielo Lane. The pole being replaced is behind 41 Tierra Cielo lane.



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
41 Tierra Cielo Lane	VACANT DURING OPS	HAND DELIVER
46 Tierra Cielo Lane	VACANT DURING OPS	HAND DELIVER
53 Tierra Cielo Lane	VACANT DURING OPS	HAND DELIVER
54 Tierra Cielo Lane	VACANT DURING OPS	HAND DELIVER
61 Tierra Cielo Lane	VACANT DURING OPS	HAND DELIVER
62 Tierra Cielo Lane	VACANT DURING OPS	HAND DELIVER
66 Tierra Cielo Lane	VACANT DURING OPS	HAND DELIVER
1645 Los Canoas Road	VACANT DURING OPS	HAND DELIVER
2109 Los Canoas Road	VACANT DURING OPS	HAND DELIVER
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



(818) 267-3300

Email

Fax: (818) 786-9732

Van Nuys Flight Standards District Office 16501 Sherman Way, Suite #330

Van Nuys, California 91406

To: Jeffrey Tebner

Company: Guardian Helicopters, Inc.

Phone: 818-442-9904 Fax: 818-997-1513

From: Stephen P. Cirigliano

Title: Aviation Safety Inspector

Date: 09/26/2019

Pages w/cover: 2

RE: LP19116

Your Congested Area Lift Plan for Edison Pole replacement in the vicinity of 62 Tierra Cielo Lane, Santa Barbara, CA, on September 29, 2019, between the hours of 0700 and 1930 has been reviewed and approved as submitted.

Please notify this office, in writing, of any changes to this plan.

NOTE

In order to allow personnel from this office to conduct surveillance activities, please inform the Van Nuys office, what time you plan to arrive, if different from the submitted time, prior to conducting the lift. If not available, leave a message at 818-267-3300

Sincerely,

Stephen P. Citigliano
Aviation Safety Inspector

Received

SEP 2 6 2019

Van Nuvs FSDO

SECTION 7



Congested Area Plan

(Submit in duplicate)

Operator:

Guardian Helicopters, Inc.

67 D STREET Fillmore CA. 93015 Phone (818) 442-9904 FAX (818) 442-9901

FAA APPROVED, VAN NUYS FSDO EFFECTIVE DATE: 09,-26-19

INSPECTOR: 5.1. IKAW

PROJECT: EDISON POLE REPLACEMENT WORK ORDER NUMBER: TD1456280 TD 1530795

ADDRESS: 62 TIERRA CIELO LANE

: SANTA BARBARA CA

HOVER HOOK UP_LATITUDE 34°27'6.23"N LONGITUDE 119°41'59.66"W POLE STAGING AREA LATITUDE 34°27'5.19"N LONGITUDE 119°42'2.36"W

POLE 1608687E | LATITUDE 34°27'7.79"N LONGITUDE 119°42'5.00"W 45 CL 2 1675 LBS

CONTRACTOR'S NAME: TBDU SANTA BARBARA

PHONE#: 805-358-0963

PHONE #: 805-358-0963 CONTACT AT SITE; GIBERT LEON PILOT'S NAME(S): 1. JOHN OLSON

CERT #: 2769166 2. BUCKEY MACKAY CERT #: #:2778051 3. MARTIN RODRIGUEZ CERT #: 3555121

CERT# 33018828 4. MICHAEL KLINK

TYPE OF AIRCRAFT:

BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTED BELL UH-1H N# N214KK A/C CATEGORY: RESTRICTED N# N407GH A/C CA TEGORY: STANDARD BELL 407 BELL 205A1 N# N216GH A/C CATEGORY: STANDARD AS350 B2 N# N498PT A/C CATEGORY: STANDARD N# N718GH A/C CATEGORY: STANDARD AS350 B3

AS350 B3 ☐ AERODYNAMIC ☑ NON- AERODYNAMIC TYPE OF ITEM LIFTING: POLE

IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDITIONAL LIFTS THE LIFTS WILL BE CONDUCTED REMAINING WITHIN THE APPROVED TIME PARAMETERS.

N# N215GH_A/C CATEGORY: STANDARD

TYPE OF LIFTS: 1 POLE ♥ 1 POLE ♠ 45 CL 2 LBS

MAX SINGLE - LIFT WEIGHT: 1665 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: 2 LONG LINE: (NO) XXX (YES) 100 FT + 45 FT POLE = 145 FT

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

OPERATIONAL ALTITUDE: < 50 STREET CLOSING:_ (N0) XXX (YES)

ID TIMES ODED ATION WILL REGIN AND TERMINATE.

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
9-29-2019	SUNRISE	SUNSET	5-29-2019
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

SPC LP19116