

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: 1-13-2020

- ☐ SAFETY BRIEF SIGN IN Sycamore Canyon Santa Barbara
- ☐ GHI CREW INTRODUCTION
- ☐ IS A TRANSLATOR REQUIRED (1) pole
- ☐ WORK STOP AUTHORITY Lower Long Line from Aircraft
- ☐ DESIGNATE A 911 CALLER NOLZ
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES TD 153920
FAA CAP approved
- ☐ 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

Tailboard & Helicopter Safety Briefing

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	☐ 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 ☐ <u>IMSAFE Acronym</u> Pilot fatigue mitigation must be briefed prior to work	



SECTION 7

Part 135 GH 4A Part 133 GH 4L
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 153920
ADDRESS: SYCAMORE CANYON ROAD SANTA BARBARA CA
LOWER LONGLINE OVER POLE STAGING AREA
POLE STAGING AREA LATITUDE 34°26'18.55"N LONGITUDE 119°39'1.12"W
849424E LATITUDE 34°26'17.95"N LONGITUDE 119°39'2.51"W 45 CL 1 COMP 1200 LBS
CONTACT AT SITE: JACOB YONKER PHONE#: 931-625-6216
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 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) ☒ DOWN (1) ☒ UP CLASS OF LOAD: EXTL CL B TYPE OF ITEM LIFTING: POLE ☐

AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1400 LBS

NO. OF LIFTS: 2 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
1-13-2020	SUNRISE	SUNSET	1-8-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA BARBARA SHERIFF	805-928-3781	WATCH COMMANDER	NOTIFY
SANTA BARBARA COUNTY FIRE	805-681-5518	STATION 18	NOTIFY

Evacuation

Crowd Control

Street Closure

☐ No Evacuated Structures
☒ Evacuated Structures

☒ Operator
☒ Contractor

☒ Yes ☐ No
☒ Contractor
☐ Operator



SECTION 7

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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
2600 SYCAMORE CANYON ROAD	VACANT DURING OPS	HAND DELIVER
2580 SYCAMORE CANYON ROAD	VACANT DURING OPS	HAND DELIVER
2626 SYCAMORE CANYON ROAD	VACANT DURING OPS	HAND DELIVER
2613 SYCAMORE 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

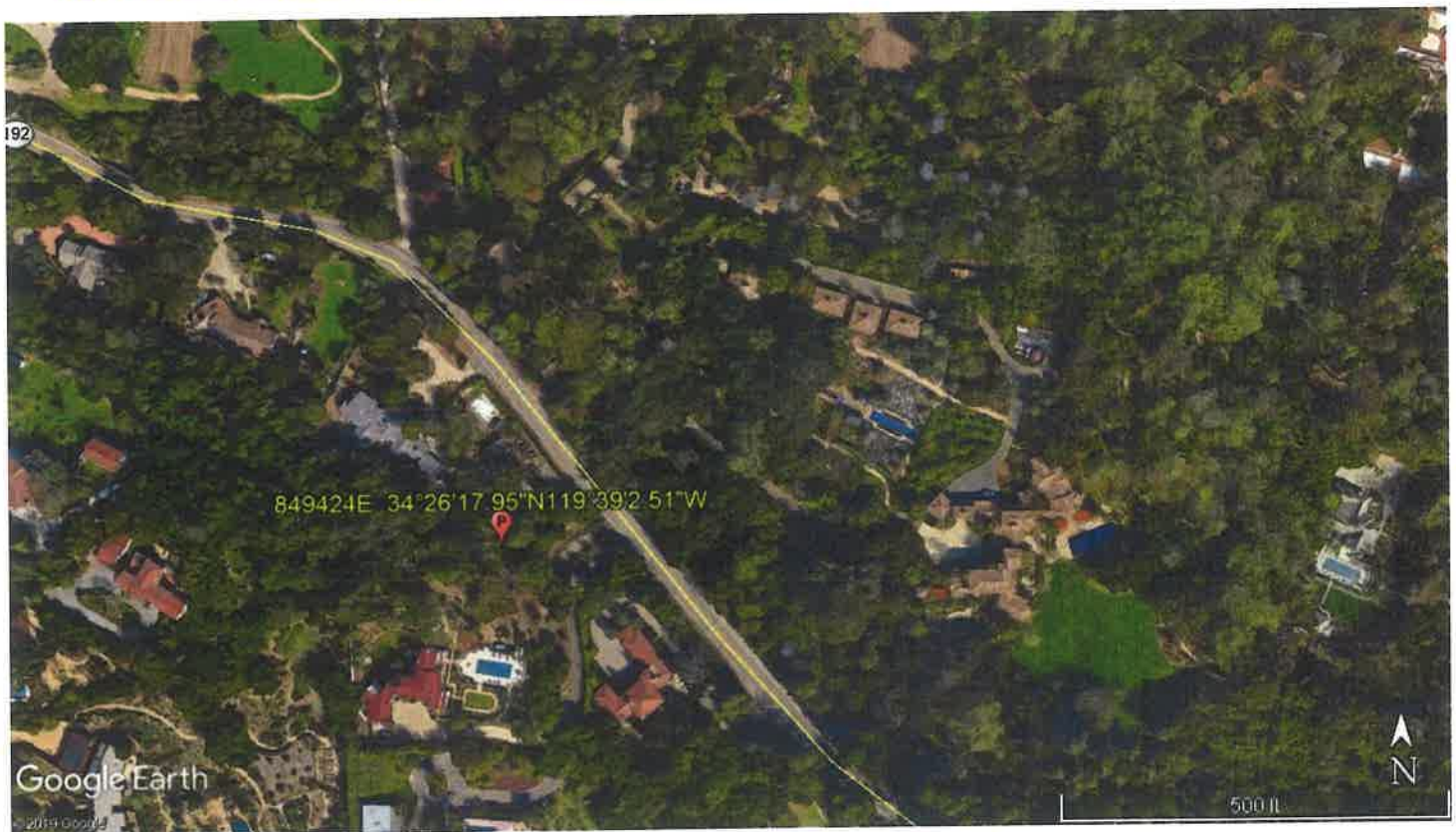
HAZARD IS IDENTIFIED THE PILOT WILL HOLD THE AIRCRAFT IN RELATIVE POSITION. THIS WILL BE ACHIEVED WITHOUT OVER FLYING THE GROUND CREW. ALL OPERATIONS WILL BE CEASED UNTIL THE PROBLEM IS RECTIFIED. IN THE EVENT OF AN AIRCRAFT EMERGENCY, THE PILOT WILL RADIO GROUND PERSONNEL AND WILL ATTEMPT TO LAND IN 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. THE HELICOPTER WILL LOWER THE LONGLINE NEAR THE STAGING AREA
2. POLES WILL BE STAGED AT STAGING AREA
3. NO LANDING OR FUEL
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. TAILBOARD SAFETY BRIEF CONDUCTED AT THE POLE STAGING AREA PRIOR TO FLIGHT
6. SYCAMORE CANYON ROAD WILL EXPERIENCE INTERMITTENT CLOSURES .
7. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
8. WATER TRUCK IS NOT REQUIRED
9. 4 HOME WILL BE EVACUATED DURING OPERATIONS. SEE HOMES MARKED WITH A V ON DIAGRAM. IN ADDITION ALL HOMES AND BUILDINGS WITHIN THE RED OPERATION AREA WILL BE VACANT
10. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





1-8-2020

DATE OF SUBMISSION

Jeffrey M. Jutma

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.**
- **SYCAMORE CANYON ROAD 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: 1-13-2020
- 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 POLES BEING REPLACED ARE OFF OF 2600 SYCAMORE CANYON ROAD. THE POLES WILL BE STAGED FROM SYCAMORE CANYON ROAD

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

www.guardianhelicoptersusa.com



ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	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,

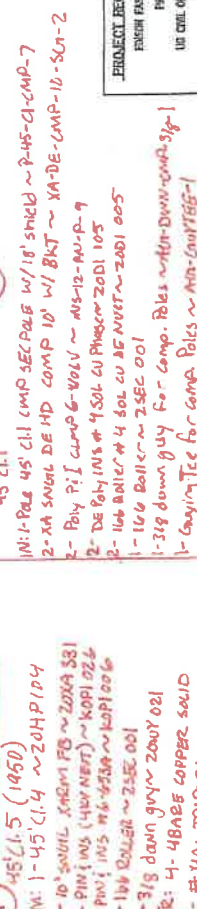
Jeffrey M. Teubner

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





**Federal Aviation
Administration**

Van Nuys Flight Standards
District Office
16501 Sherman Way, Suite 330
Van Nuys, California 91406-3757
Phone: 818-267-3326
Fax: 818-786-9732

To: Jeffrey M. Teubner

Company: Guardian Helicopters, Inc.

Phone: (818) 442-9904

Fax: (818) 442-9901

From: Curtis G. Calabrese

Title: Aviation Safety Inspector

Date: 1/10/2020

Pages 6
w/cover:

*Emailed 1/10/2020
all*

RE: LP20038 – 202001220

Mr. Teubner,

We confirm the approval of the Congested Area Plan (CAP) submitted by you on 1/10/2020.

This approval concerns the proposed operation at Sycamore Canyon Road, Santa Barbara, CA on 01/13/2020 from Sunrise to Sunset. Inspectors from this office may monitor the operation to ensure compliance with the approved plan.

Should you have any questions or need to submit a change to this plan, please contact this office at 818-267-3326.

Sincerely,


Aviation Safety Inspector
Curtis G. Calabrese





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HELICOPTERS, INC.

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AERODYNAMIC ☒ **NON- AERODYNAMIC** ☐ **MAX** 1400 LBS
NO. OF LIFTS: 2 **LONG LINE:** (NO) **XXX** **(YES)** LESS THEN 100 FT **(LENGTH)**
OPERATIONAL ALTITUDE: < 250 **STREET CLOSING:** (NO) **XX** **(YES)**
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☐ No Evacuated Structures
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Crowd Control

☒ Operator
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Street Closure

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[Signature]
1/10/2020



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HELICOPTERS, INC.

SECTION 7

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Narrative description of pick-up site, route, delivery site, and plan for ceasing operation if unauthorized persons enter operational area or real hazard occurs.

FAA APPROVED VAN NUYS FSDO
EFFECTIVE DATE: 1/12/2020

SITE INSPECTION NOTES

PICTOR:

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FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 1/10/2023
INSPECTOR: *[Signature]*



FAA APPROVED, VAN NUYS FSDO

EFFECTIVE DATE: 1/10/2020

INSPECTOR: CSA

1-8-2020

DATE OF SUBMISSION

Jeffrey M. Johnson

COMPANY OFFICIAL / TITLE

FAA APPROVED, VAN NUYS FSDO

EFFECTIVE DATE: 1/10/2020

INSPECTOR: *[Signature]*