

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: Arrow head / crestline

- ☐ SAFETY BRIEF SIGN IN 11-22-2019
- ☐ GHI CREW INTRODUCTION L2 pilot Rock
- ☐ IS A TRANSLATOR REQUIRED (2) poles 2000 CBS MAY
- ☐ WORK STOP AUTHORITY Cap Submitted and Received
- ☐ DESIGNATE A 911 CALLER TD1570131 + D1571785
- ☐ 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

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 ☐ 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



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 #: TD1570131 TD 1571785
 ADDRESS: 1234 YUKON DR : ARROWHEAD CA
 LZ LATITUDE 34°16'19.78"N LONGITUDE 117°16'58.53"W ELEV 3700 FT
 POLE STAGING AREA LATITUDE 34°16'31.25"N LONGITUDE 117°12'26.34"W
1947514E LATITUDE 34°16'24.00"N LONGITUDE 117°12'28.57"W 55 CL 4 2000 LBS
2007852E LATITUDE 34°16'23.11"N LONGITUDE 117°12'28.25"W 50 CL 1 2000 LBS
 CONTACT AT SITE; PROENERGY REY RUIZ PHONE#: 714-402-2328
CRYSTAL PELHAM PHONE#: 310-988-8985

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: (2) ↓ 2000 LBS (4) ↑ 2000 LBS CLASS OF LOAD: EXTL CL B TYPE OF ITEM LIFTING: POLE ☐ AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1600 LBS

NO. OF LIFTS: 4 LONG LINE: _____ (NO) XXX (YES) LESS THEN 150 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
11-22-2019	SUNRISE	SUNSET	11-18-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
TWIN PEAK POLICE	909-336-0600	WATCH COMMANDER	NOTIFY
SANT BERNARDINO FIRE	909-338-0660	STATION 91	NOTIFY

Evacuation

Crowd Control

Street Closure

☐ No Evacuated Structures

☒ Evacuated Structures (13)

☒ Operator

☒ Contractor

☒ Yes ☐ No

☒ Contractor

☐ Operator



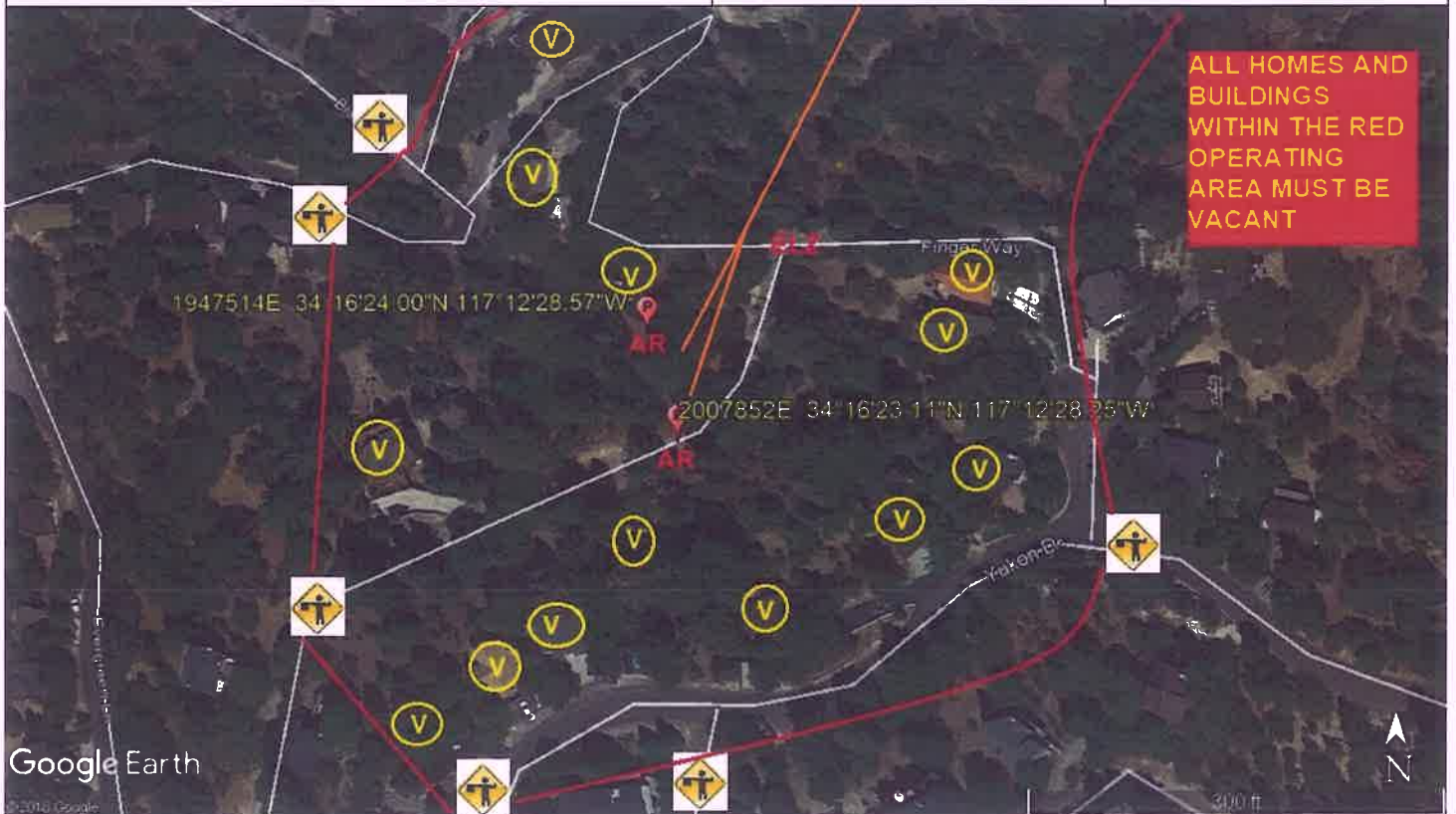
SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan

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
1258 YUKON CT	VACANT DURING OPS	HAND DELIVER
1260 YUKON CT	VACANT DURING OPS	HAND DELIVER
1256 YUKON CT	VACANT DURING OPS	HAND DELIVER
1248 YUKON DR	VACANT DURING OPS	HAND DELIVER
1238 YUKON DR	VACANT DURING OPS	HAND DELIVER
1234 YUKON DR	VACANT DURING OPS	HAND DELIVER
1230 YUKON DR	VACANT DURING OPS	HAND DELIVER
1226 YUKON DR	VACANT DURING OPS	HAND DELIVER
1222 YUKON DR	VACANT DURING OPS	HAND DELIVER
1381 YUKON DR	VACANT DURING OPS	HAND DELIVER
1399 YUKON DR	VACANT DURING OPS	HAND DELIVER
1333 FINGER WAY	VACANT DURING OPS	HAND DELIVER
1336 FINGER WAY	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM V= VACANT	VACANT DURING OPS	HAND DELIVER



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.

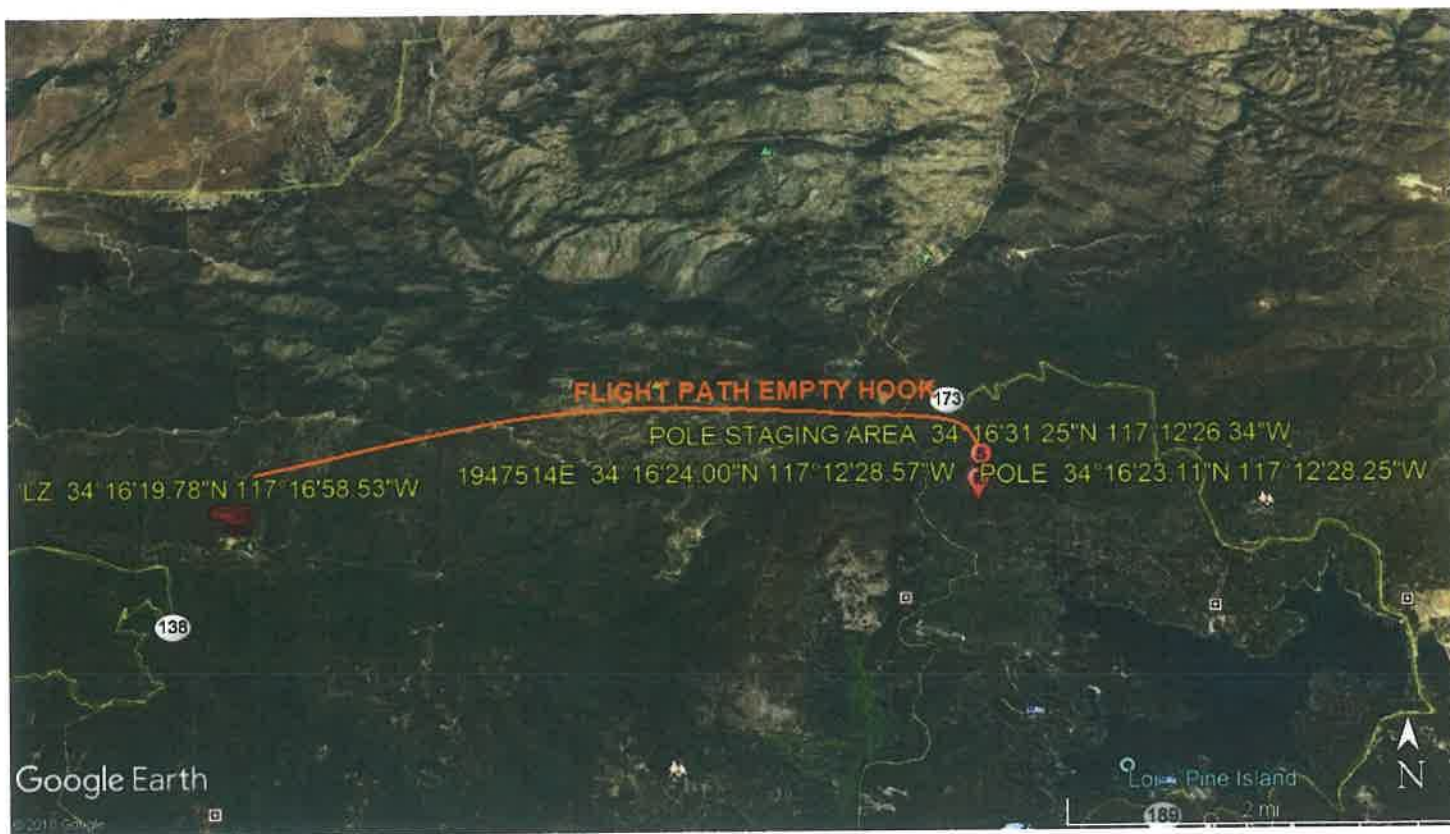
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM TO BE RECTIFIED.

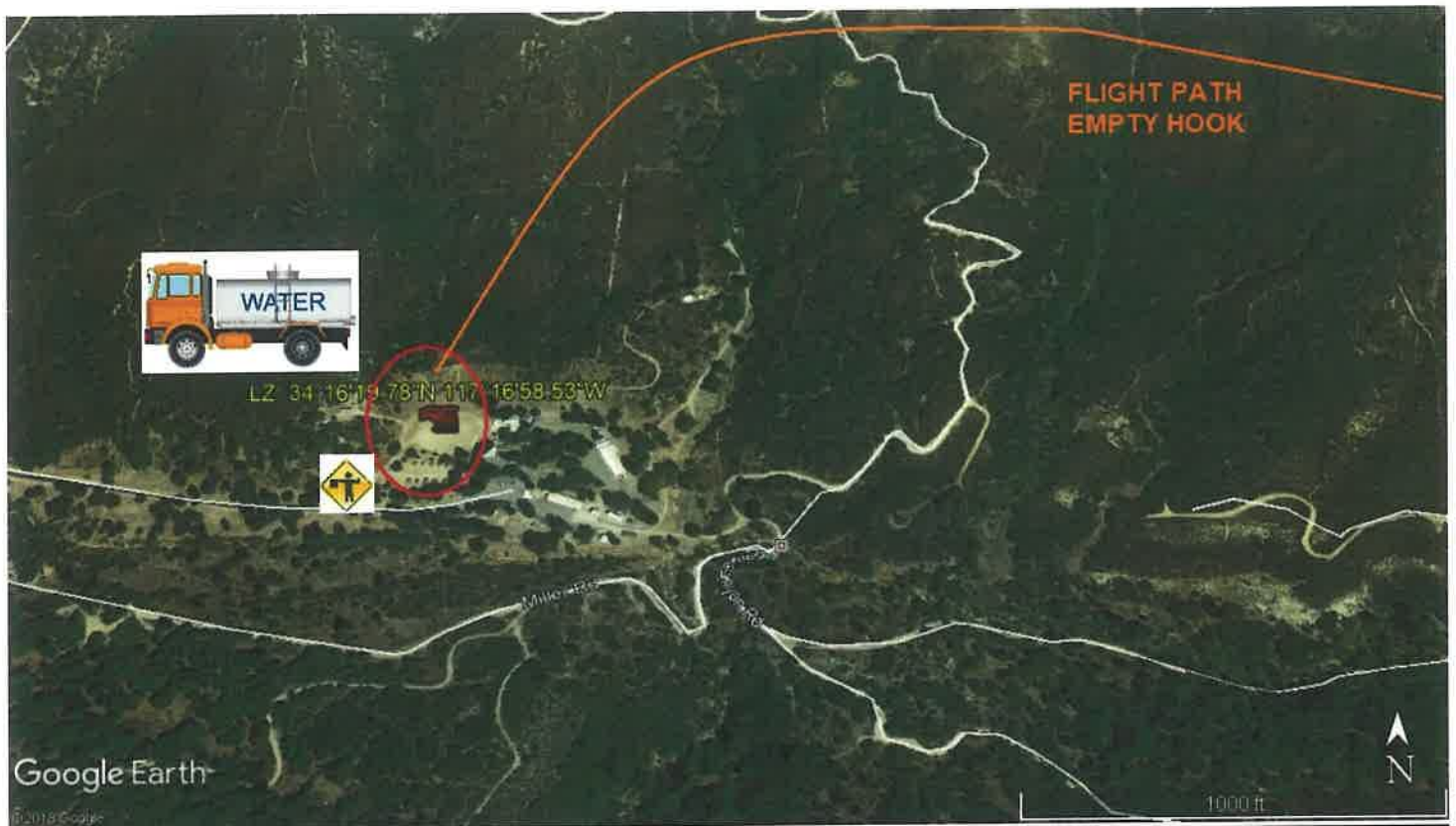
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

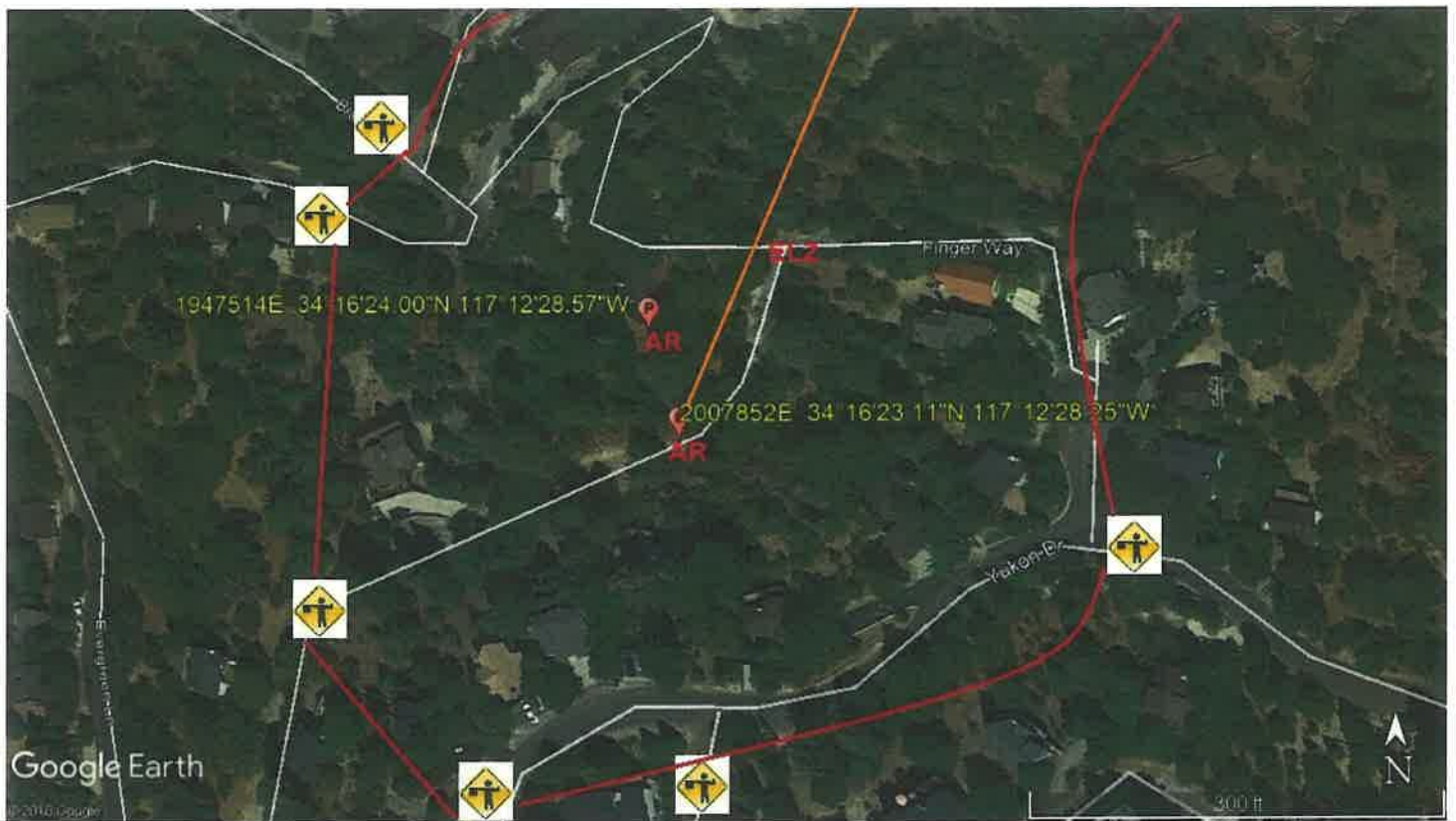
Narrative description of pick-up site, route, delivery site, and plan for ceasing operation if unauthorized persons enter operational area or real hazard occurs.

PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND AT THE LZ TO CONNECT THE LONGLINE. THE POLES WILL BE STAGED AT THE POLE STAGING AREA. THE HELICOPTER WILL FLY THE EMPTY LONGLINE TO THE STAGING AREA
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. TAILBOARD SAFETY BRIEF CONDUCTED AT THE STAGING AREA PRIOR TO FLIGHT
5. FLAGMAN WILL NEED TO STOP TRAFFIC WHILE HELICOPTER IS CROSSING THE STREET.
6. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
7. WATER TRUCK REQUIRED AT LANDING ZONE
8. 13 HOMES/BUILDINGS WITHIN THE OPERATION AREA WILL BE VACANT
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED







11-18-2019
DATE OF SUBMISSION

Jeffrey M. Jankov

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.**
- **BROOK LN, EVERGREEN LN, YUKON DR, YUKON CT, AND FINGER WAY WILL EXPERIENCE INTERMITTENT CLOSURE 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: 10-22-2019
- 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.

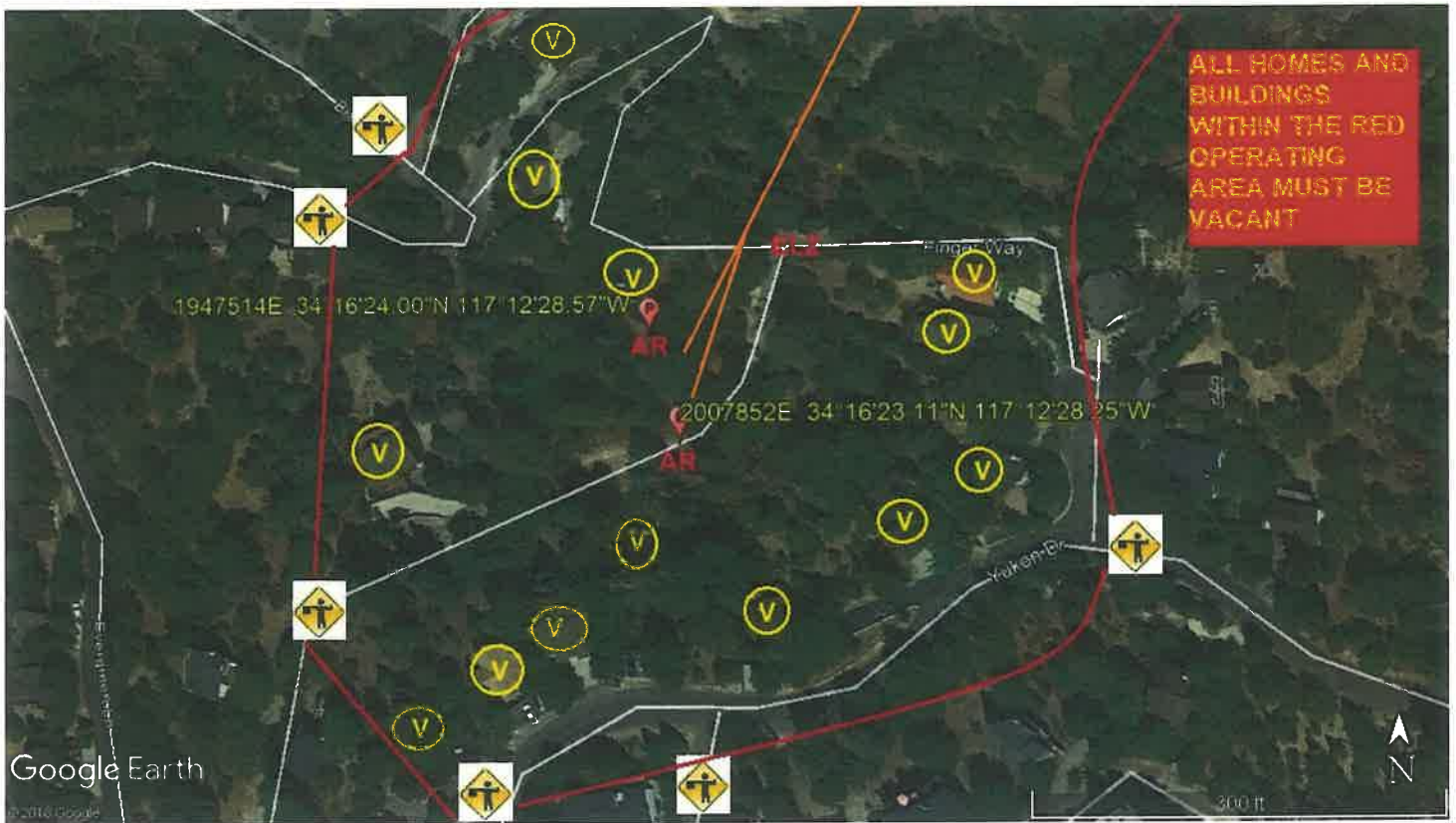
Project Area

THE POLES WILL BE LIFTED FROM THE OPEN AREA TO THE EAST OF LOOKOUT WAY AND FLOWN TO THE POLE SITE BETWEEN YUKON DR AND FINGER WAY.



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
1258 YUKON CT	VACANT DURING OPS	HAND DELIVER
1260 YUKON CT	VACANT DURING OPS	HAND DELIVER
1256 YUKON CT	VACANT DURING OPS	HAND DELIVER
1248 YUKON DR	VACANT DURING OPS	HAND DELIVER
1238 YUKON DR	VACANT DURING OPS	HAND DELIVER
1234 YUKON DR	VACANT DURING OPS	HAND DELIVER
1230 YUKON DR	VACANT DURING OPS	HAND DELIVER
1226 YUKON DR	VACANT DURING OPS	HAND DELIVER
1222 YUKON DR	VACANT DURING OPS	HAND DELIVER
1381 YUKON DR	VACANT DURING OPS	HAND DELIVER
1399 YUKON DR	VACANT DURING OPS	HAND DELIVER
1333 FINGER WAY	VACANT DURING OPS	HAND DELIVER
1336 FINGER WAY	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM V= 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

Flight Coordinator

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



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: *	Cystal Pelham
Department: *	Arrowhead EOI LDY Yard
Pax: *	310-988-8965
Cell Number: *	310-988-8965
Email Address: *	cystal.pelham@sce.com

SAP Accounting Number: TD1507131 (in conjunction with PAR# TD1671785 Pole#1947614E)

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):

Removing pole#2007852E 50' class C4 weighing 1.559lbs. replacing pole#2007852E with a 50' class C2 weighing 1.952lbs

General Operating Location	1224 Yukon Dr. Lake Arrowhead Ca
District	40
LZ Coordinates (if known)	To be in conjunction with PAR's LZ
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	11/22/2019
Time of Pick-up	0730
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	Scott Stuehland
Authorizer PAX and cell number	951-266-5773

*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

1234 YUKON DR

PLANNER LEIGHTON, JONATHAN Phone: (310)783-7045

TD1570131

NOTIFICATION # 410090366- REPLC CORRODED PRI POLE
400934075- REPLC DAMAGE PRI HIGHSGN POLE

DUE DATE: 9/10/2019

2NE- POLE OH INSP REPL

FINAL DESIGN
APPROVED FOR CONSTRUCTION

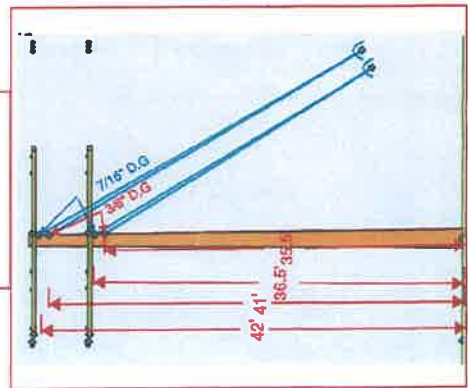
HEAVY LOADING CONSTRUCTION

GPS
COORDINATES

NORTH	34.273004°
WEST	-117.207873°



GUYING DETAIL
2007852E
LOOKING SOUTH

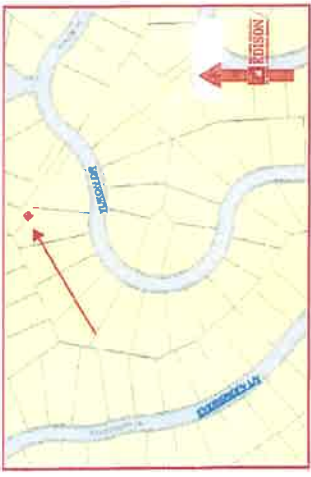


PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☐
PHRD 88 REQUIRED	☐
UC CIVIL ONLY WORK ORDER	☐
PERMIT REQUIRED	☐
PERMIT TYPE: BLANKET	☐
OUTAGE REQUIRED	☒
OUTAGE DATE: _____	TIME: _____
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☐
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TUM) REQ'D	☐

DATE: 09/04/19



VICINITY MAP



DISTRICT	40-ARROWHEAD	PROJ. MGR.	LEIGHTON, JONATHAN	PLANNER	LEIGHTON, JONATHAN	DESIGNER	ASSOC DESIGN
PROJECT NO.	2007852E	PHONE	(310)783-7045	PHONE	(310)783-7045		ASSOC DESIGN
CIRCUIT / VOLTAGE	SQUINT 12KV	THOMAS GUIDE	PRODUCT-1	TD1570131			ASSOC DESIGN
SUB / PS NO.	ARROWHEAD SUB	CIRCUIT CODE	PRODUCT-2				ASSOC DESIGN
INVENTORY MAP	2007852E	AP-A. NO.	NONE				ASSOC DESIGN
PROPOSED CONSTRUCTION (LOCATION)							
1234 YUKON DR							
LAKE ARROWHEAD							
DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET	2 OF 2	DESIGN/DRAW NO.
Southern California Edison Company							

CREW NOTES





Comments



SOUTHERN CALIFORNIA
EDISON

An EDISON INTERNATIONAL® Company

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:*	Rey Ruiz
Department:*	Scheduling
Pax:*	
Cell Number:*	714-422-2328
Email Address:*	rruiz@proe.services

SAP Accounting Number*	TD1947514E
-------------------------------	------------

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):

55' cl4 wood pole

General Operating Location	Lake Arrowhead
District	Dist 40
LZ Coordinates (if known)	34.289161, -117.214818 (Rock Camp Fire Station)
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	11-22-19
Time of Pick-up	8am
Approx. mission duration (if known)	4 hours
Back-up date for mission (if known)	

Authorizer	
Authorizer PAX and cell number	

**required information*

[Click to e-mail form](#)

For office use only

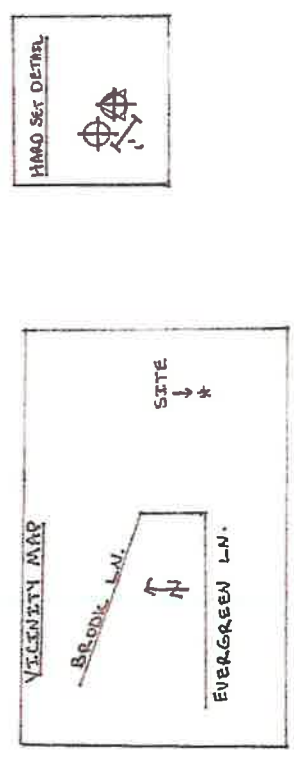
Date Received by Aircraft Operations: _____ Date Initial Contact Made: _____

Referred to contractor: ☐ No ☐ Yes, Date: _____ Company: _____

Follow up status: ☐ Week 1 _____

☐ Week 2 _____

☐ Week 3 _____



16244 SHAKE 3314V A1
ARROWHEAD SUB

16839		SQUENT 12 LN		B1	
EDISON		ARROWHEAD SUB			
OPS COORDINATES					
N	34.273320				
W	-117.208098				
NOT TO SCALE					
FILM DATA		SIZE	KVA	# CUST	% LOAD
EXIST	N/A	N/A	N/A	N/A	N/A
EXIST	N/A	N/A	N/A	N/A	N/A
EXIST	N/A	N/A	N/A	N/A	N/A

TIME DATA	SIZE	KVA	# CUST	% LOAD
EXIST	N/A	N/A	N/A	N/A
PROP	N/A	N/A	N/A	N/A



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

Western Pacific Region
Riverside Flight Standards District Office

6961 Flight Road
Riverside, California 92504
Phone: (951) 276-6701
Fax: (951) 689-4309

November 19, 2019

Mr. Jeffrey Teubner
Guardian Helicopters, Inc.
67 D Street
Fillmore, CA 93015

Dear Mr. Teubner:

The enclosed Congested Area Plan (CAP) submitted to this office on November 18, 2019, is approved and is returned for your disposition.

This approval is limited to the proposed operations located at the coordinates provided in your CAP on November 22, 2019 from sunrise to sunset. The secure area, defined in the CAP, must be strictly maintained, with only persons and vehicles directly involved with the lift operation in the secured area. Structures within and immediately adjacent to the operational area shall be unoccupied. Failure to maintain a secure operational area shall be cause for cancelling the lift.

Particular attention must be paid to clearing any debris in the attachment area and securing work materials that may be disturbed by helicopter rotor wash.

This approval is contingent upon any authorizations and/or permits required by the State of California or local authorities. Should you have any questions or need to submit a change to this plan, please contact the undersigned at (951) 276-6701 extension 232.

Sincerely,

Jared Tapsfield
Aviation Safety Inspector

Enclosures

**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 #: TD1570131 TD 1571785
ADDRESS: 1234 YUKON DR : ARROWHEAD CA
LZ LATITUDE 34°16'19.78"N LONGITUDE 117°16'58.53"W ELEV 3700 FT
POLE STAGING AREA LATITUDE 34°16'31.25"N LONGITUDE 117°12'26.34"W
1947514E LATITUDE 34°16'24.00"N LONGITUDE 117°12'28.57"W 55 CL 4 2000 LBS
2007852E LATITUDE 34°16'23.11"N LONGITUDE 117°12'28.25"W 50 CL 1 2000 LBS
CONTACT AT SITE: PROENERGY REY RUIZ PHONE#: 714-402-2328
CRYSTAL PELHAM PHONE#: 310-988-8985

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: (2) ↓ 2000 LBS (4) ↑ 2000 LBS CLASS OF LOAD: EXTL CL B TYPE OF ITEM LIFTING: POLE ☐ AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1600 LBS

NO. OF LIFTS: 4 LONG LINE: (NO) XXX (YES) LESS THEN 150 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
11-22-2019	SUNRISE	SUNSET	11-18-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
TWIN PEAK POLICE	909-336-0600	WATCH COMMANDER	NOTIFY
SANT BERNARDINO FIRE	909-338-0660	STATION 91	NOTIFY

Evacuation

☐ No Evacuated Structures
☒ Evacuated Structures (13)

Crowd Control

☒ Operator
☒ Contractor

Street Closure

☒ Yes ☐ No
☒ Contractor ☐ Operator
NOV 19 2019
RAL FSDO



SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan

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
1258 YUKON CT	VACANT DURING OPS	HAND DELIVER
1260 YUKON CT	VACANT DURING OPS	HAND DELIVER
1256 YUKON CT	VACANT DURING OPS	HAND DELIVER
1248 YUKON DR	VACANT DURING OPS	HAND DELIVER
1238 YUKON DR	VACANT DURING OPS	HAND DELIVER
1234 YUKON DR	VACANT DURING OPS	HAND DELIVER
1230 YUKON DR	VACANT DURING OPS	HAND DELIVER
1226 YUKON DR	VACANT DURING OPS	HAND DELIVER
1222 YUKON DR	VACANT DURING OPS	HAND DELIVER
1381 YUKON DR	VACANT DURING OPS	HAND DELIVER
1399 YUKON DR	VACANT DURING OPS	HAND DELIVER
1333 FINGER WAY	VACANT DURING OPS	HAND DELIVER
1336 FINGER WAY	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM V= VACANT	VACANT DURING OPS	HAND DELIVER



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.

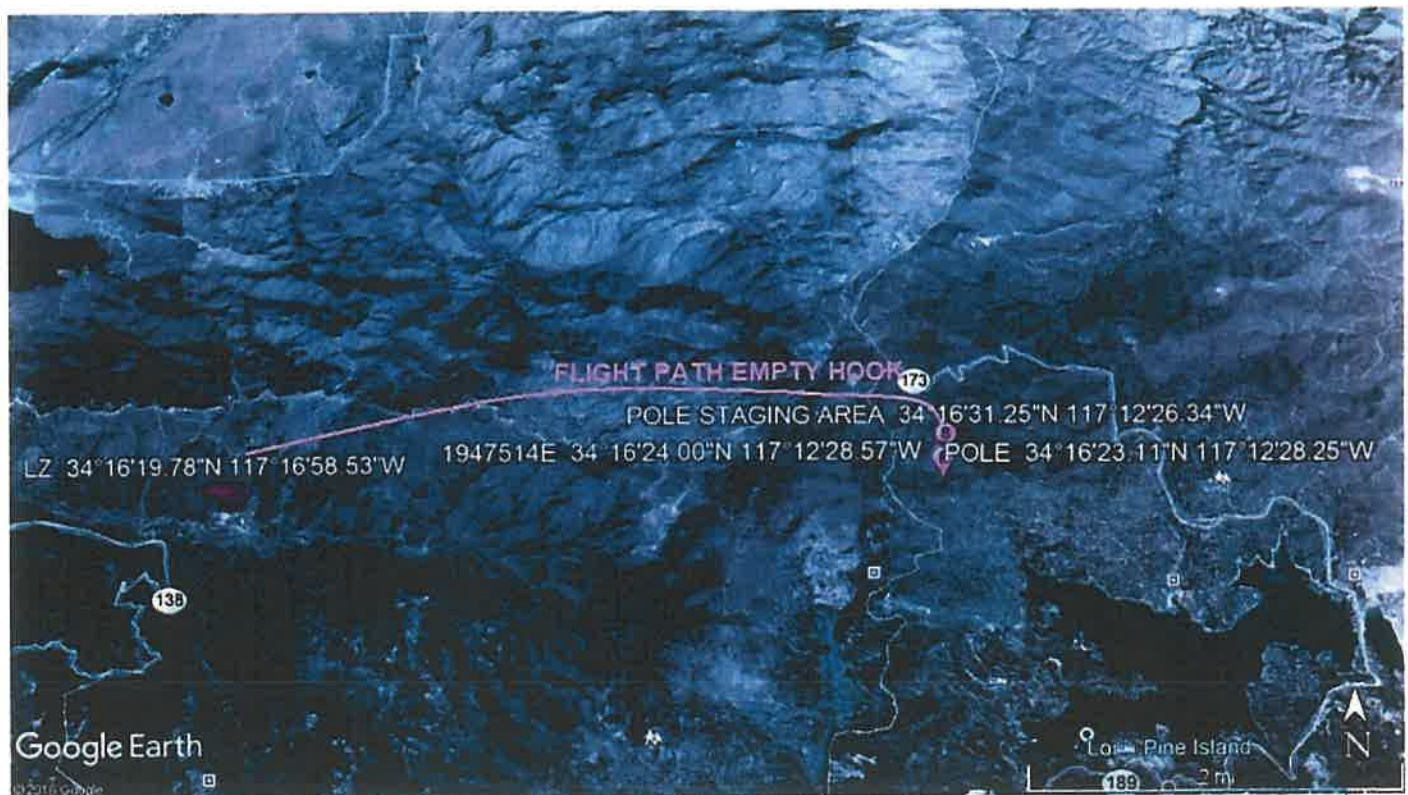
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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.

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

PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND AT THE LZ TO CONNECT THE LONGLINE. THE POLES WILL BE STAGED AT THE POLE STAGING AREA. THE HELICOPTER WILL FLY THE EMPTY LONGLINE TO THE STAGING AREA
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. TAILBOARD SAFETY BRIEF CONDUCTED AT THE STAGING AREA PRIOR TO FLIGHT
5. FLAGMAN WILL NEED TO STOP TRAFFIC WHILE HELICOPTER IS CROSSING THE STREET.
6. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
7. WATER TRUCK REQUIRED AT LANDING ZONE
8. 13 HOMES/BUILDINGS WITHIN THE OPERATION AREA WILL BE VACANT
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED



ACCEPTED

NOV 19 2019

RAL FSDO



ACCEPTED

NOV 19 2019

RAL FSDO



ACCEPTED

NOV 19 2019

RAI FSDO

11-18-2019

DATE OF SUBMISSION

Jeffrey M. Johnson

COMPANY OFFICIAL / TITLE