

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

Piru / eastac 9/14/19
Non-CAP
(3) 45 HI poles UH-1H
Hec AS350

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

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

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



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 1470838
ADDRESS: OAK CANYON RD : CASTAIC CA
LZ STAGING AREA LATITUDE 34°28'31.11"N LONGITUDE 118°41'50.01"W
760271E LATITUDE 34°28'28.62"N LONGITUDE 118°42'48.41"W
460270E LATITUDE 34°28'26.55"N LONGITUDE 118°42'42.57"W
760269E LATITUDE 34°28'25.09"N LONGITUDE 118°42'38.31"W

CONTRACTOR'S RICHARD SMITH ROKSTAD POWER PHONE#: 909-635-7068

CONTACT AT SITE: ROKSTAD POWER PHONE#: 909-635-7068

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: (3) ↓ 50 H1 2400 LBS (2) ↑ 50 H1 2400 LBS CLASS OF LOAD: EXTL CL B

NO. OF LIFTS: 4 LONG LINE: (NO) XXX (YES) LESS THEN 100 FT (LENGTH)

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: (N0) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
9-14-2019	SUNRISE	SUNSET	9-4-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SCV SHERIFF DEPARTMENT	661-255-1121	WATCH COMMANDER	NOTIFY
LA COUNTY FIRE DEPARTMENT	661-257-4144	STATION 76	NOTIFY

Evacuation

☒ No Evacuated Structures

☐ Evacuated Structures

Crowd Control

☒ Operator

☒ Contractor

Street Closure

☒ Yes ☐ No

☒ 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
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.

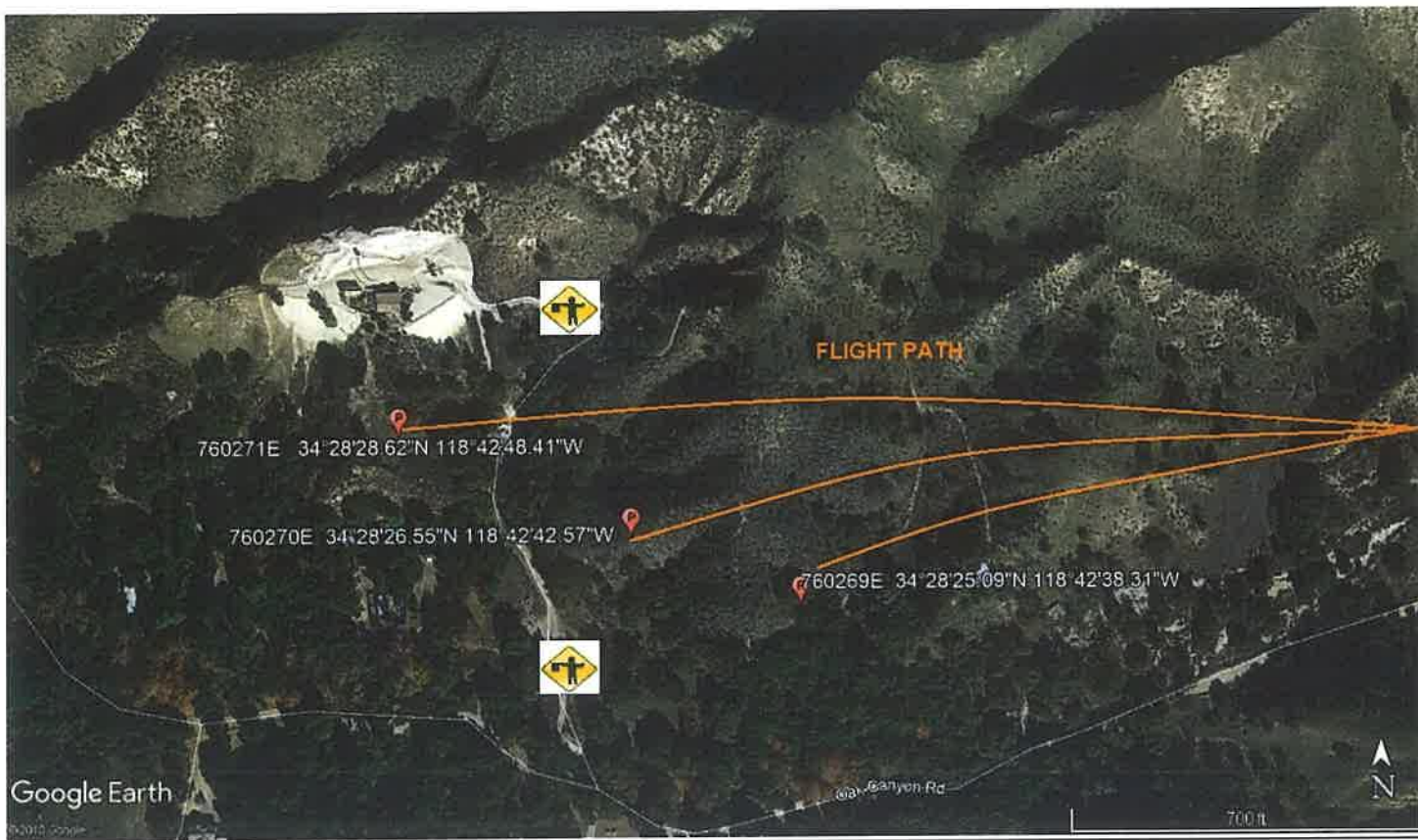
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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. HEC AND TRAINING WILL BE CONDUCTED AT 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. AS 350 WILL CONDUCT THE HEC AND EQUIPMENT LIFT OPERATIONS WHEN READY THE AS 350 WILL DEPART TO MAKE ROOM FOR THE UH-1H TO LIFT THE POLES. WHEN THE POLES ARE DONE THE AS 350 WILL RETURN TO HEC AND REMOVE EQUIPMENT.
5. FLAGMAN WILL BE STAGED NEAR THE STAGING AREA AND POLE SITES TO KEEP ANY TRAFFIC OUT DURING LIFT OPERATIONS
6. WATER TRUCK REQUIRED AT LANDING ZONE
7. NO EVACUATIONS
8. THE POLES WILL BE LIFTED FROM THE STAGING AREA AND FLOWN TO THE POLE SITES
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





9-5-2019

DATE OF SUBMISSION

Jeffrey M. Jantzen

COMPANY OFFICIAL / TITLE



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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:*	RICHARD SMITH (ROKSTAD POWER) SCE EOI PROJECT
Department:*	T&D OPERATIONS
Pax:*	N/A
Cell Number:*	909-635-7068
Email Address:*	RICHARD.SMITH@ROKSTADPOWER.COM

SAP Accounting Number*	TD1551581E
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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):

SET 1- 45FT CL1 POLES FRAMED, 2100 POUNDS (760271E)

LONG LINE CREW, GRAVEL, CREW TOOLS

General Operating Location	OAK CANYON RD, CASTAIC
District	VALENCIA D-59
LZ Coordinates (if known)	34.475236,-118.696677
Pick-up location for passenger flights	34.475236,-118.696677
Drop-off location for passenger flights	34.474617,-118.713447

Date(s) for which service is requested	SATURDAY 09/14/2019
Time of Pick-up	0800
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 _____

760271E
34.474617°N 118.713447°W 9 mi

GPS accuracy 16.4 ft

Type
EL_POLE

Structure
760271E

Latitude
34.47461665

Longitude
-118.71344720

Google View
<https://www.google.com/maps/place/34.47461665+-118.7134472/@34.47461665,-118.7134472,190m/data=!3m1!1e3>

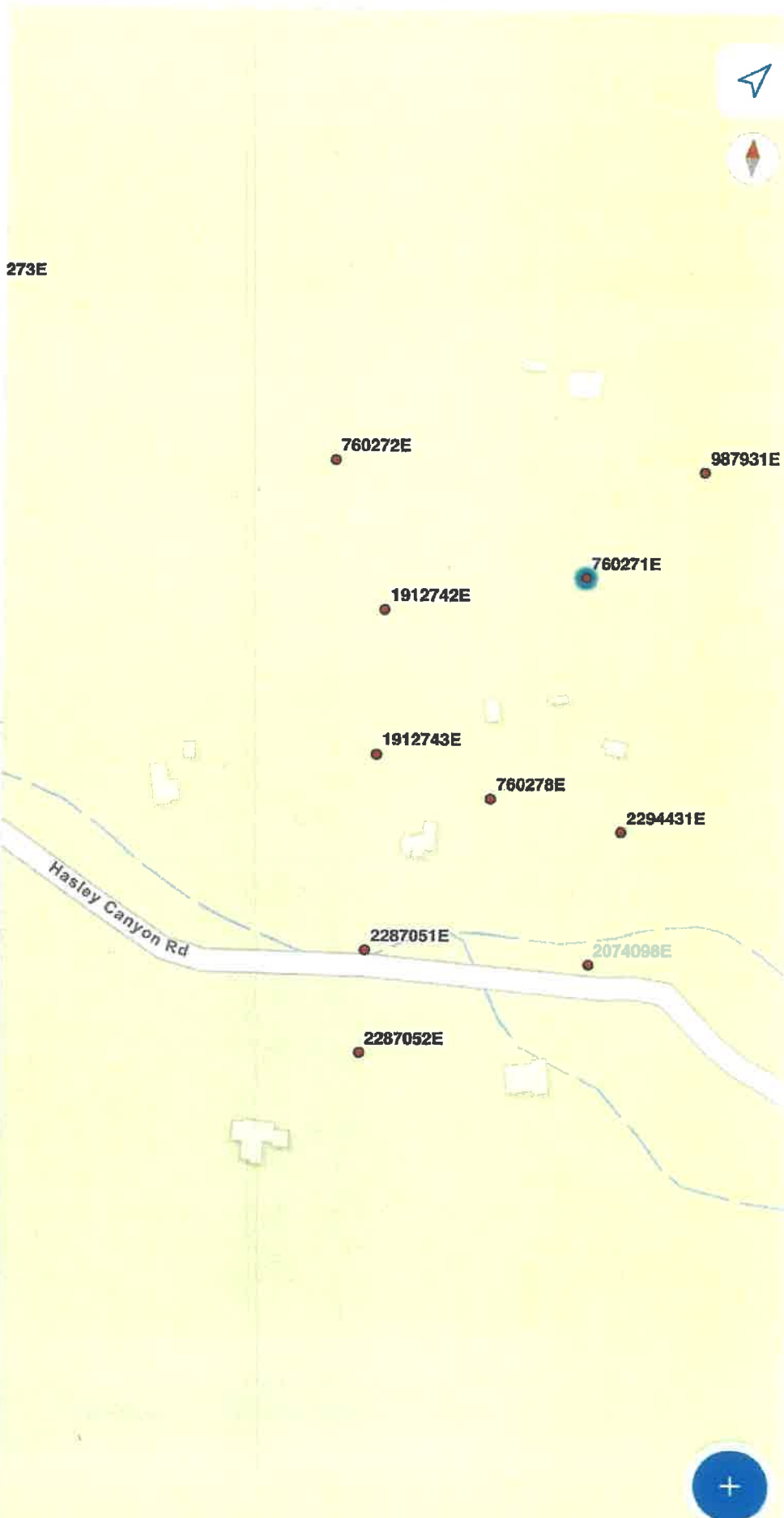
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Requestor Information

Flight requested by:*	RICHARD SMITH (ROKSTAD POWER) SCE EOI PROJECT
Department:*	T&D OPERATIONS
Pax:*	N/A
Cell Number:*	909-635-7068
Email Address:*	RICHARD.SMITH@ROKSTADPOWER.COM

SAP Accounting Number*	TD1536015
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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):

SET 1- 45FT CL1 POLES FRAMED, 2100 POUNDS (760270E)

LONG LINE CREW, GRAVEL, CREW TOOLS

General Operating Location	OAK CANYON RD, CASTAIC
District	VALENCIA D-59
LZ Coordinates (if known)	34.475236,-118.696677
Pick-up location for passenger flights	34.475236,-118.696677
Drop-off location for passenger flights	34.474043,-118.711825

Date(s) for which service is requested	SATURDAY 09/14/2019
Time of Pick-up	0800
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 _____

760270E

34.474043°N 118.711825°W

9 mi

GPS accuracy 16.4 ft

Type

EL_POLE

Structure

760270E

Latitude

34.47404263

Longitude

-118.71182454

Google View

<https://www.google.com/maps/place/34.47404263+-118.71182454/@34.47404263,-118.71182454,190m/data=!3m1!1e3>

Copy

Collect Here

Directions

Compass

Add to My Places

431E

4235747E

987931E

760270E

760269E

4079160E

NO #

4079512E

2227153E

Hasley Canyon Rd

760282E



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Flight requested by:*	RICHARD SMITH (ROKSTAD POWER) SCE EOI PROJECT
Department:*	T&D OPERATIONS
Pax:*	N/A
Cell Number:*	909-635-7068
Email Address:*	RICHARD.SMITH@ROKSTADPOWER.COM

SAP Accounting Number*	TD1536017
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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):

SET 1- 45FT CL1 POLES FRAMED, 2100 POUNDS (760269E)

LONG LINE CREW, GRAVEL, CREW TOOLS

General Operating Location	OAK CANYON RD, CASTAIC
District	VALENCIA D-59
LZ Coordinates (if known)	34.475236,-118.696677
Pick-up location for passenger flights	34.475236,-118.696677
Drop-off location for passenger flights	34.473636,-118.710642

Date(s) for which service is requested	SATURDAY 09/14/2019
Time of Pick-up	0800
Approx. mission duration (if known)	4 HOURS
Back-up date for mission (if known)	

Authorizer	
Authorizer PAX and cell number	

*required information

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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 _____

760269E

34.473636°N 118.710642°W 9 mi

GPS accuracy 16.4 ft

Type

EL_POLE

Structure

760269E

Latitude

34.47363592

Longitude

-118.71064196

Google View

<https://www.google.com/maps/place/34.47363592+-118.71064196/@34.47363592,-118.71064196,190m/data=!3m1!1e3>

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Collect Here



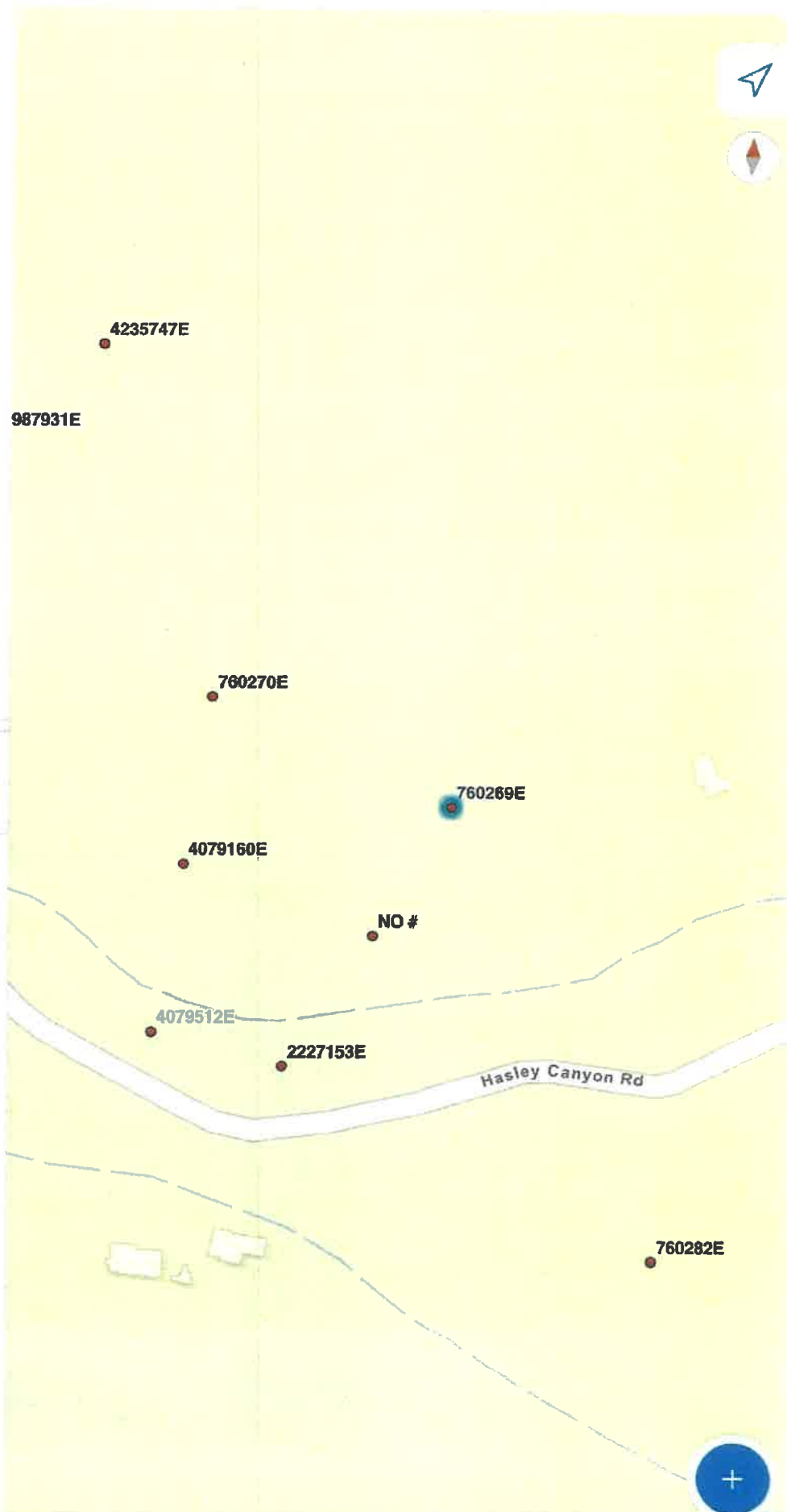
Directions



Compass



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OAK CANYON RD CASTAIC HELICOPTER JOB

LZ 34.475236,-118.69667 THREE POLE SETS 760268e,760270E ,760271E OF RYAN PETTERSON

34.475236,-118.696677

Legend

34.475236,-118.696677

N

100 ft

OAK CANYON RD CASTAIC HELICOPTER JOB

LZ 34.475236,-118.69667 THREE POLE SETS 760269e,760270E ,760271E GF RYAN PETERSON



34.475236,-118.696677

760271E 34.474617,-118.713447

760270E 34.474043,-118.711825

760269E 34.473636,-118.710642

Legend

- 34.475236,-118.696677
- 760269E 34.473636,-118.710642
- 760270E 34.474043,-118.711825
- 760271E 34.474617,-118.713447

Google Earth

5/30/16 10:55:56

1000 ft

