

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: *Crestline Pilot Rock L2*

- ☐ SAFETY BRIEF SIGN IN *11-13/2019 Non-CAP*
- ☐ GHI CREW INTRODUCTION *(2) 45 #2 poles 2500005*
- ☐ IS A TRANSLATOR REQUIRED *TD 1470505 TD 1496815*
- ☐ 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

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

[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



SCE Aircraft Operations Flight Request Form

Requestor Information

SAP Accounting Number*	multiple TDs listed below for 15 poles
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Flight Description

Please choose a mission type:

- Mission specific details (ex: Passenger name, pole size/weight, external load type, etc):**

TD1421951,1421929,1387752,1345517,1464880,1470505,1397384,1385960,1345517,
1465284,1456409 ALL WO MAPS INCLUDED

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



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 #: TD1470505 TD1496815
 ADDRESS: DART CANYON ROAD : CRESTLINE CA
LZ STAGING AREA LATITUDE 34°16'19.78"N LONGITUDE 117°16'58.53"W ELEV 3700 FT
1301973E LATITUDE 34°15'59.19"N LONGITUDE 117°16'37.83"W 45 H2 2500 LBS
1301955E LATITUDE 34°15'42.82"N LONGITUDE 117°16'19.56"W 45 H2 2500 LBS
 CONTACT AT SITE: PROENERGY PHONE#: 714-293-2538

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) ↓ 45 H2 2500 LBS (4) ↑ 45 H2 2500 LBS CLASS OF LOAD: EXTL CL B TYPE OF ITEM
 LIFTING: POLE ☐ AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1600 LBS

NO. OF LIFTS: TBD 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
11-15-2019	SUNRISE	SUNSET	11-8-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
TWIN PEAK POLICE	909-336-0600	WATCH COMMANDER	NOTIFY
SANT BERNARDINO FIRE	909-338-0625	STATION	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
NONE		
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.

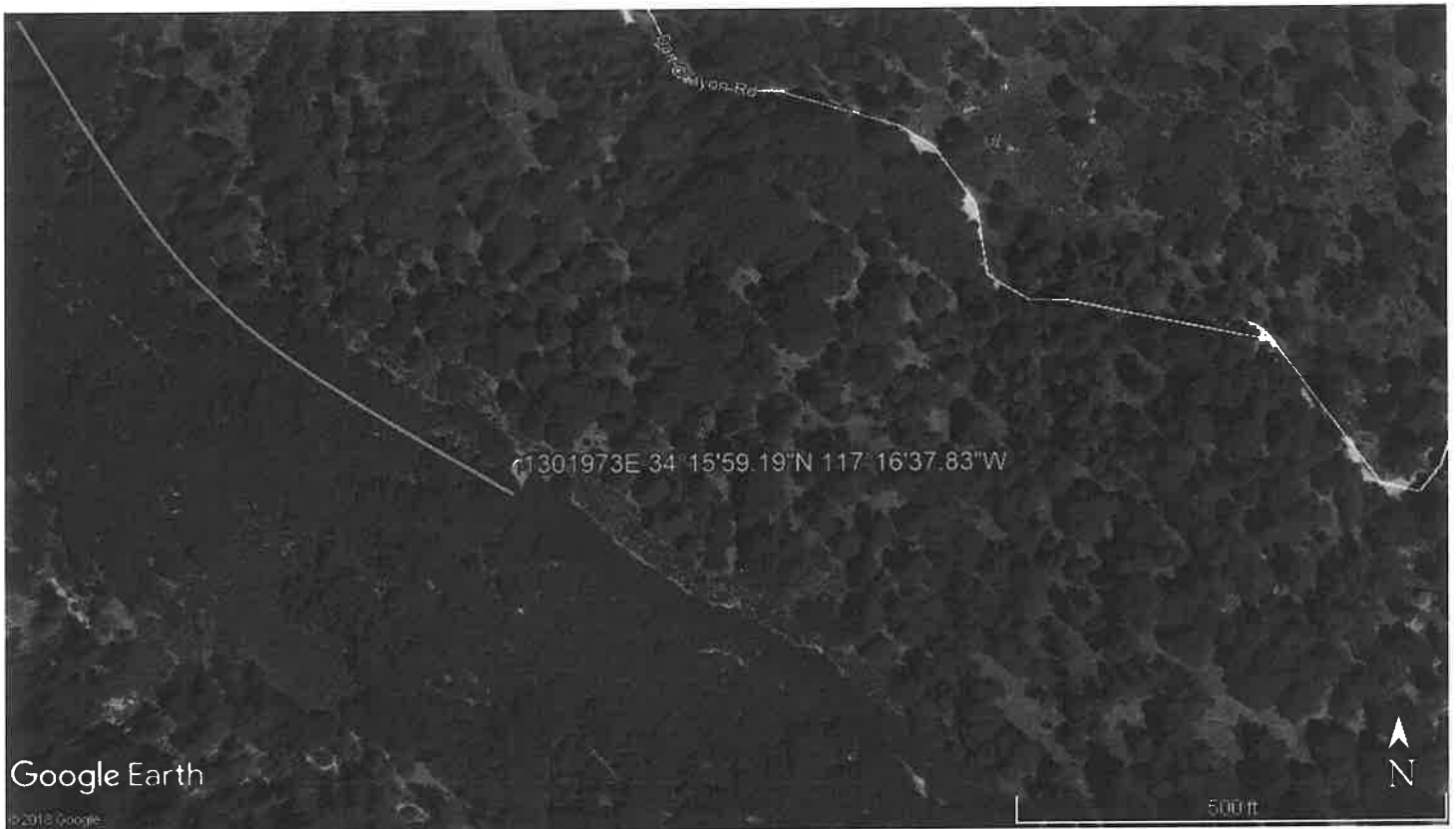
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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. THE POLES WILL BE STAGED AT THE LANDING ZONE .
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 ON MILLER RD WHILE HELICOPTER IS CROSSING THE STREET. FLAGMAN AT THE STAGING AREA TO KEEP PEOPLE FROM COMING IN THE STAGING AREA.
6. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
7. WATER TRUCK REQUIRED AT LANDING ZONE
8. HOMES/BUILDINGS WITHIN THE OPERATION AREA WILL BE VACANT
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





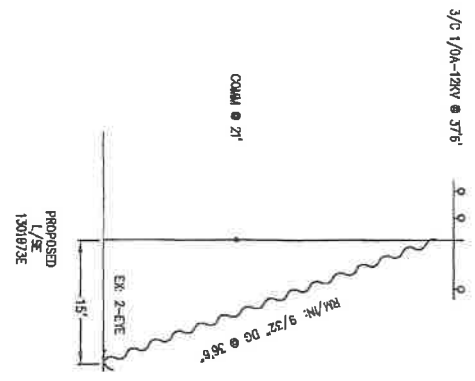
11-8-2019
DATE OF SUBMISSION

Jeffrey M. Justina

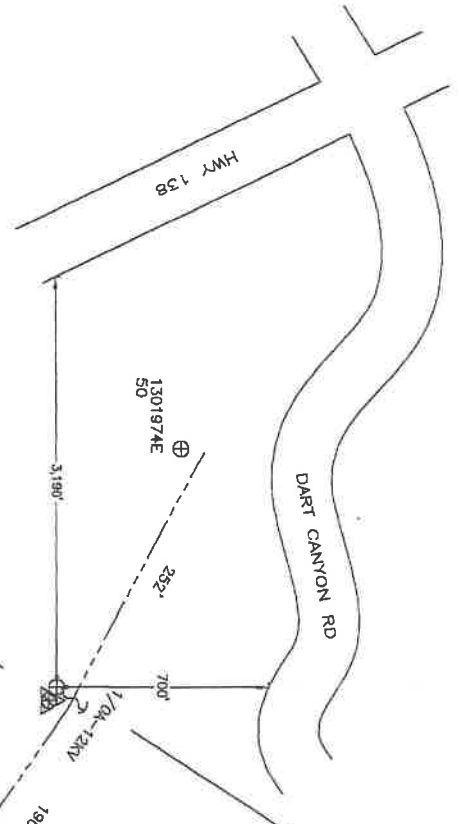
COMPANY OFFICIAL / TITLE

* NOTES: JOINT POLE
 ENVIRO POLE - NATIONAL FOREST/WOODPECKER DAMAGE
 BULLETIN 322 AREA
 EAGLE ZONE
 HAND SET
 RIGHTS CHECK REQ'D
 REAL PROP. REVIEW
 HELICOPTER SET
 SET 1' NW

TRANSFER (S):
 3/C 1/0A-12KV



1 RM 45' 1301973E Class C3
 RM: 1- POLE 45' CLASS 3 WOOD FULL TREAT
 RM: 1- XA DBL VB 10' STEEL PINS
 RM: 6- INS GLASS & PIN 12KV
 RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV



2 45' 1301973E Class H2
 IN: 1- POLE 45' CLASS H2 WOOD FULL TREAT
 IN: 1- XA DBL HD TAN COMP 10'
 IN: 6- INS POLY W/PIN 12KV CLIP #4-653 ACSR (W/ANGLE)
 IN: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
 IN: 2- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653
 IN: 1- GUYING TEE

PROJECT REQUIREMENTS (Y/N)

DESIGN ELEMENT REQUIRED	Y
PROJ BY REQUIRED	Y
USE ONLY WORK ORDER	Y
PERMIT REQUIRED	Y
PERMIT TYPE	OUTAGE REQUIRED
OUTAGE DATE	TIME
TRAFFIC CONTROL REQUIRED	Y
POD, TRAFFIC CONTROL REQ'D	Y
CONFORMANCE LETTER REQ'D	Y
ENVIRONMENTAL CLEARANCE REQ'D	Y
CSO 140 (CUL) REQ'D	Y

DISTRICT	40 - ARROWHEAD	PROJ. MGR.	ANTILTON, FELIPE	PLANNER	ASP	DESIGNER	ASP
PROJECT NO.	15831884	SERVICE REQUEST	12590504	MR. NO.	809-644-6430	PHONE	714-893-2405
CIRCUIT / VOLTAGE	MORITZ 12KV	THOMAS GUIDE	PRODUCT-1	PRODUCT-2	PRODUCT-3	ASSOC DESIGN	ASSOC DESIGN
SUB / PG NO.	HUSTON SUB	CIRCUIT CODE	PRODUCT-3	PRODUCT-2	PRODUCT-1	ASSOC DESIGN	ASSOC DESIGN
INVENTORY MAP	278-2271-1	J.P.A. NO.	409666326	PROPOSED CONSTRUCTION (LOCATION)	POLE # 1301973E	DATE	DESIGN/DATE NO.
DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET	DESIGN/DATE NO.	1090265_0.01
Southern California Edison Company							



NOT TO SCALE