

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

10-4-2019
Riverside CA

USS CL 2250 LBS

Non-CAP

LZ

NO Evacuations

TD 1266811

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:

Aircraft:

DATE _____

PRINT NAME

SIGNATURE

COMPANY

[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: - 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 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

Instructions: Please complete this form in its entirety and email to: aiops@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:*	CC: Bryan Gonzalez GF: Michael Baeza FOREMAN: Joe Brooks
Department:*	50D2 HENKELS & MCCOY
Pax:*	N/A
Cell Number:*	909-342-2770 909-938-4067
Email Address:*	BGonzalez@henkels.com

SAP Accounting Number*	TD1266811
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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):

55 CL 1 Wood Pole (1845)

General Operating Location	Auld St & Santa Ana River Trail Riverside
District	34 Ontario
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	TBD by availability
Time of Pick-up	0900 HRS-9:00 AM
Approx. mission duration (if known)	2 HOURS
Back-up date for mission (if known)	

Authorizer	Norm Santiago
Authorizer PAX and cell number	909-261-5313

**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
(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: TD 12266811
ADDRESS: SANTA ANNA RIVER TRIAL : RIVERSIDE CA
LZ STAGING AREA LATITUDE 33°57'39.96"N LONGITUDE 117°29'43.44"W
POLE 4865365E LATITUDE 33°57'46.08"N LONGITUDE 117°28'47.57"W 55 CL 1 2200 LBS
CONTRACTOR'S NAME: BRYAN GONZALES PHONE#: 909-342-2770
CONTACT AT SITE: MICHAEL BAEZA PHONE #: 909-938-4067
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 ARMS / EQUIPMENT ☐ 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 ↑ 55 FT CL 1 2250 LBS

MAX SINGLE – LIFT WEIGHT: 2500 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS TBD 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: (NO) XXX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
10-4-2019	SUNRISE	SUNSET	9-26-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
OJAI POLICE DEPARTMENT	805-646-1414	DISPATCH	NOTIFY
OJIA FIRE DEPARTMENT	805-371-1111	STATION 21	NOTIFY



Congested Area Plan (Continued)

(Submit in duplicate)

Evacuation



No Evacuated Structures



Evacuated Structures

Crowd Control



Operator



Contractor

Street Closure



Yes



No



Contractor



Operator

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	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	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.. 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

1. THE HELICOPTER LAND WILL LAND AT THE LZ TO CONNECT THE LONGLINE
2. TAILBOARD WILL OCCUR AT THE LANDING ZONE
3. THE POLES WILL BE STAGED AT THE LANDING ZONE
4. NO EVACUATIONS
5. WATER TRUCK IS NOT REQUIRED
6. NO STREET CLOSURE 3 FLAGMAN AT ASSIGNED AREAS
7. THE EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE CLEARING ON THE FLIGHT PATH
8. SHERIFF AND FIRE DEPARTMENT WILL BE NOTIFIED.
9. THE SECURE AREA IS GREATER THEN 300 FT IN ALL DIRECTIONS FROM THE ATTACH AND RELEASE AREAS
10. **CUSTOMER WILL ENSURE TREES NEAR THE POLE SET SITE ARE TRIMMED IF REQUIRED**





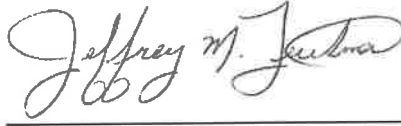
LEGEND

SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH

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)	

9-30-2019

DATE OF SUBMISSION



COMPANY OFFICIAL / TITLE

SCE ENVIRONMENTAL CLEARANCE



ESF Project Details: ESF #: 92149

Change Request: TD1266811 INFRASTRUCTURE REPLACEMENT - D

Detailed Description

Project Type: Distribution **Region:** Metro East
Distribution Activity Type: Infrastructure Replacement Det Pole Replacement **District:** Ontario
Transmission Activity Type: **Transmission Grid:**
Circuit / Facility Name:
Project Coordinates

Unique Id	Coordinates Label	Unique Id	Coordinates Label	Unique Id	Coordinates Label	Unique Id	Coordinates Label
001	122218S						

Clearance: Environmental Clearance Issued

Compile Requirements and Issue Final Environmental Clearance

Notes

Biological Monitor: A biological monitor is required to survey the workspace prior to ground and/or vegetation-disturbing activities and be present with the crews. In addition, a pre-construction tailboard with the biological monitor is required prior to work. Contact **SCE Biologist Zsolt Kahancza (951-316-6535, zsolt.kahancza@sce.com)** at least two weeks prior to ground or vegetation disturbing activities.

Work Notification: CDFW must be notified of construction activities prior to work start. Please notify the **SCE Biologist Zsolt Kahancza (951-316-6535, zsolt.kahancza@sce.com)** and the **SCE Government Lands Agent Cissy Jordan (559-903-5360, chung.jordan@sce.com)** at least 2 weeks prior to work start.

Reducing Impacts to Wildlife: Minimize work area size, do not touch any wildlife, avoid driving or walking over all animal burrows, and dispose of all trash within appropriate containers. Vehicle speed within the access routes is 15 mph, unless otherwise posted.

Clean Vehicles and Equipment: All vehicles and any ground or vegetation disturbing equipment/tools must be cleaned and free of mud, soil, and plant material prior to entering the CDFW lands.

Trenches: All trenches will be covered/backfilled by the end of the workday or have ramps (2:1 slope) installed to allow wildlife to escape. For long opens trenches, ramps should be installed every 50 to 100 feet.

Site Stabilization: Excess soil from ground disturbing activities shall be compacted or stabilized to return the area to pre-construction conditions or disposed of at SCE approved facility per OU standard practice. For storm water related questions, please contact **SWPPP@SCE.com**.

Tailboard Briefing: This Environmental Clearance document will be kept on-site. Foreman/Supervisor will read all Environmental Requirements to the crew and ensure all measures are understood prior to starting work. If any of these measures are infeasible given a safety or scope concern, please contact the **SCE Biologist Zsolt Kahancza (951-316-6535, zsolt.kahancza@sce.com)**.

Work Areas: Vehicles and equipment must remain on the existing access routes and immediate vicinity of towers/work areas identified in the project design. Please contact the **SCE Biologist Zsolt Kahancza (951-316-6535, zsolt.kahancza@sce.com)** if any work needs to be conducted outside these access routes or work areas.

Crew Check: Prior to starting work, crews will check the workspace (e.g., pole cavities, burrows, vegetation to be removed) for bird nests. Call the **SCE Biologist Zsolt Kahancza (951-316-6535, zsolt.kahancza@sce.com)** prior to conducting construction activities within 200 feet of an active nest.

Trapped Wildlife: Prior to the start of work, crews will look in holes and trenches, construction material, and equipment to determine if wildlife have become trapped. If wildlife is trapped contact the **SCE Biologist Zsolt Kahancza (951-316-6535, zsolt.kahancza@sce.com)** for assistance.

Spill Release/Prevention: Vehicles/equipment must be inspected for leaks (e.g., fuel, oil, hydraulic fluids, etc.) and repaired prior to work. Fueling should not be conducted near a drainage feature. Spill kits/absorbent clean-up materials shall be available onsite and if used, disposed of properly.

Eagle-Safe: This project is within an SCE-defined Eagle Zone, construct the new structures to be eagle-safe according to SCE Construction Standards.

Archaeological Resources/Human Remains/Paleontological Resources: If archeological resources (Native American or historical artifacts), fossils, or human remains are encountered, stop work, and contact **SCE Archaeologist/Natasha Tabares (626-483-9690)**.

Natasha.Tabares@sce.com) or the SCE Operator and ask for an on-call Archaeologist.

Dry Conditions: Work must be conducted during dry conditions. No standing or flowing water or saturated topsoil may be present in construction work areas and access routes.

Avoid Drainages: All debris (i.e., spoils), vehicles and equipment, and construction materials must be kept from entering drainage features.

Materials Management: Storage of equipment or stockpiling of fuels, lubricants, cement or other materials is not authorized inside or in close proximity to washes, wetlands, waterways, or any other drainage features.

Spill Release/Prevention: Vehicles/equipment must be inspected for leaks (e.g., fuel, oil, hydraulic fluids, etc.) and repaired prior to work. Fueling should not be conducted near a drainage feature. Spill kits/absorbent clean-up materials shall be available onsite and if used, disposed of properly.

Complie Requirements and Issue Final Clearance

Please answer the following question. Provide comments as necessary.

Pre-construction condition exists?

Response

Yes

Related Objects

Leading Object of the Change Request:

Type: Maintenance Order Object: TD1266811 INFRASTRUCTURE REPLACEMENT - DET POLE RE

Object Type	Object	Description	Added by
Maintenance Order	TD1266811	INFRASTRUCTURE REPLACEMENT - DET POLE RE	Hortencia Felix Cruz

People Involved

Role	Business Partner	Name	E-Mail	Telephone
Initiator	10004576	Hortencia Cruz	HORTENCIA.CRUI@SCE.COM	909-469-0215
Substitute	10154506	Amanda Duchardt	AMANDA.DUCHARDT@SCE.COM	626-483-0635
ESF Coordinator	10159516	Sandra Cassinelli	SANDRA.CASSINELLI@SCE.COM	626-633-3365
Substitute	10243908	Public SWCA		



GPS: N33° 57' 46.13"
W117° 28' 47.55"

- E TO PTD
- NO PTC REQ
- HELICOPTER SET REQ

NO PERMITS REQ.

PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED

PWRD 88 REQUIRED

PERMIT REQUIRED

PERMIT TYPE: _____

OUTAGE REQUIRED

OUTAGE DATE: _____ TIME: _____

TRAFFIC CONTROL REQUIRED

PED. TRAFFIC CONTROL REQ'D

CONVEYANCE LETTER REQ'D

ENVIRONMENTAL CLEARANCE REQ'D

CSD 140 (TLM) REQ'D

3:24 For May 11/16

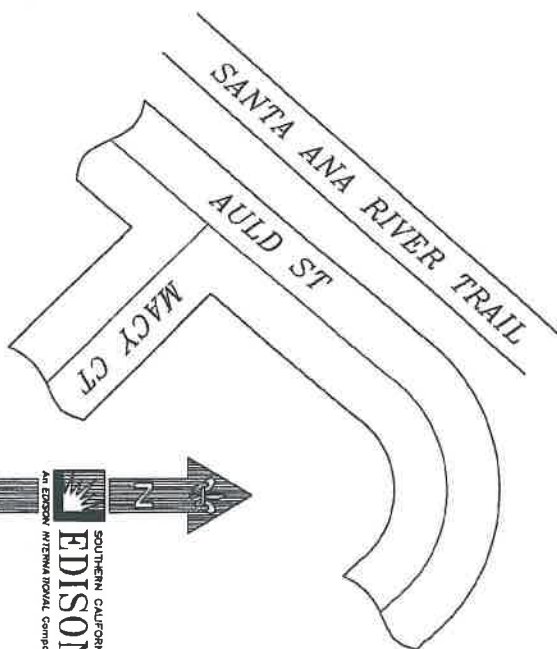
HAND SET: NO

JOINT MEET: NOTRUCK ACCESS: NOCOUNTY CALIF: NO

JOINT ACTION: NO

ENVIRONMENTAL /

REAL PROP. REVIEW: YES

[illegible]

NOT TO SCALE

