

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: *W. Idomar*

- ☐ SAFETY BRIEF SIGN IN *3-20-2020*
- ☐ GHI CREW INTRODUCTION *45CL1 1900LBS*
- ☐ IS A TRANSLATOR REQUIRED *NON-CAP*
- ☐ WORK STOP AUTHORITY *TP 16/1/202*
- ☐ 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

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	☐ 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	



Air Operation / Air Support Requests

Home Recent Recycle Bin

Flight Request

 SOUTHERN CALIFORNIA EDISON An EDISON INTERNATIONAL Company		Aircraft Operations Flight Request Form		
If you have any questions, please call Aircraft Operations at : 909-974-4676				
- Requestor Information -			Flight Request ID: FR00243	
Flight Requested by: Mike Olson Requester Email: michael.olson@sce.com Office Number: _____ i.e. (xxx) xxx-xxxx		SAP/TD Accounting No: TD1611202 *Use commas to separate multiple numbers Cell Number: (951) 319-0234 i.e. (xxx) xxx-xxxx		
Department: Distribution				
- General Flight Information -				
General Area: _____ Pick-up location: _____ LZ Coordinates (if known): _____		District: WILDOMAR Drop-off location: _____ Compliance Due Date: 03/21/20 EOI related? ☒		
Date for which service is requested: 03/20/2020 ex. 01/01/2019 Note: Do not schedule outages until Air Ops has confirmed aircraft availability		Time of Pick-up: 0900 Back-up mission date (if known): _____		
Approx. mission duration (if known): _____				
- Flight Description -				
Please choose a mission type:				
Camera: ☐ HD ☐ IR Crew Support: ☐ External Load: ☐ HEC: ☐ Pole Set: ☒		SCE Passenger(s): ☐ Non-SCE Passenger(s): ☐ Patrol: ☐ Photo: ☐ Heli-Saw: ☐ Recon: ☐ Training: ☐ Line Stringing: ☐		
Approval attachment required >>>> air ops google earth.png air ops w.o. map 1 (098).pdf IMG_2564.JPG IMG_2568.JPG IMG_2569.JPG IMG_2570.JPG Re Air operation.msg				
Note: Please remove the following characters from the file title before attaching and Zip large files and folders with multiple files: # ~ / \ : * ? " < > %				

Please attach all Work Order Maps and Photos for Pole Sets

Note: Please contact us at AirOps@sce.com or 909-974-4676 for any issues.

2nd CONTACT

Name: Austin Gluyas

Company Name: SCE

Email: austin.gluyas@sce.com

Mobile Number: (626) 759 - 0468

Mission Specific Details

A crew will be replacing an OCI pole. We will have a civil crew dig in a sunno tube prior to set. We will need to fly in the new pole and fly out the old pole. I would like to discuss an LZ.

Pole Set - Approval must be obtained from: *Please attach all Work Order Maps and Photos*

OU Requesting Manager or OSC

- Pole Set Information -

	Type	Length	Class	Weight (lbs)	Additional Equipment/Information	Weight (lbs)
1.	Wood	45	1	1930	none	
	GPS Coordinates (Lat/Long): lat. 33.5905 long. -117.1615					0
	Elevation: 0 Pole #: 211670S					
2.						
	GPS Coordinates (Lat/Long):					
	Elevation:					
3.						
	GPS Coordinates (Lat/Long):					
	Elevation:					
4.						
	GPS Coordinates (Lat/Long):					
	Elevation:					
5.						
	GPS Coordinates (Lat/Long):					
	Elevation:					

Click here to add more:

Pole Weight Totals: 1930

Additional Equipment Weight Totals: 0



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 HEC POLE REMOVAL ONLY WORK ORDER #: TD1611202
ADDRESS: LOS ALAMOS RD : WILDOMAR CA
LZ STAGING AREA LATITUDE 33°35'27.54"N LONGITUDE 117° 9'33.96"W
211670S LATITUDE 33°35'25.89"N LONGITUDE 117° 9'41.44"W
CONTACT AT SITE: CHRISTIAN OROZCO PHONE#: 805-561-2410

HOTLINE CONSTRUCTION PHONE#: 805-561-2410

PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT#: 3018828
4. IAN GOODALE CERT#: 3741973
5. ROSS GOULET CERT#: 3396777

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: LINE STRINGING ONLY 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 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
3-20-2020	SUNRISE	SUNSET	3-10-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
MURRIETA POLICE DEPARTMENT	951-304-2677	WATCH COMMANDER	NOTIFY
MURRIETA FIRE STATION	951-678-1661	STATION 61	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		
ONE HOME ADDRESS UNKNOWN	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA		
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 AND CONDUCT A TAILBOARD
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. THE HELICOPTER WILL CROSS THE ROAD WHEN CLEAR
5. FLAGMAN WILL NEED TO STOP TRAFFIC PER THE DRAWINGS BELOW
6. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
7. WATER TRUCK REQUIRED AT LANDING ZONE
8. ONE HOME EVACUATED. SEE DIAGRAM
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED



3-10-2020

DATE OF SUBMISSION

Jeffrey M. Jentura

COMPANY OFFICIAL / TITLE

