

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: *Catalina Island*

☐ SAFETY BRIEF SIGN IN

1-17-2020

☐ GHI CREW INTRODUCTION

☐ IS A TRANSLATOR REQUIRED

*(1) 60 cl 1 Composite 1600LBS
Non-cap*

☐ WORK STOP AUTHORITY

☐ DESIGNATE A 911 CALLER

TD 1370269

☐ 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

Note: By signing this document you acknowledge you understood all items briefed to you and that you are responsible for insuring all loose items are secured when working under a helicopter.

[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	☐ 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	

APPROVED

JAN 01 2020

Dispatch Copy



Air Operation / Air Support Requests

Home 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: FR00126	
Flight Requested by: Dennis McDonald		SAP/TD Accounting No TD1370269		
Requester Email: dennis.mcdonald@sce.com		*Use commas to separate multiple numbers		
Office Number: (310) 510-4323 i.e. (area) xxx-xxxx		Cell Number: (310) 948-7748 i.e. (area) xxx-xxxx		
Department: Distribution				
- General Flight Information -				
General Area: Fire break West of Pebbly Beach Edison Power Plant		District: CATALINA		EOI related? ☐
Pick-up location:		Drop-off location:		
LZ Coordinates (if known): Island Express Helicopter Pad				
Date for which service is requested: 01/14/2020 1/17/20		Time of Pick-up: 0900		
Note: Do not schedule outages until Air Ops has confirmed aircraft availability				
Approx. mission duration (if known): 4hr		Back-up mission date (if known):		
- Flight Description -				
Please choose a mission type:				
Camera: ☐ HD ☐ IR		SCE Passenger(s): ☐		Hel-Saw: ☐
Crew Support: ☐		Non-SCE Passenger(s): ☐		Recon: ☐
External Load: ☐		Patrol: ☐		Training: ☐
HEC: ☐		Photo: ☐		Line Stringing: ☐
Pole Set: ☒				
Approval attachment required >>> 1492568E WO Map pdf Flight Request Approval pdf				
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.				

RECEIVED

JAN 01 2020

1/6/2020

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Mission Specific Details

Fly in tools and hardware set a bare 60' composite pole and remove 60' wood pole pieces.

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.	Composite	60'	1	1200		500
	GPS Coordinates (Lat/Long):		33.331543° / -118.318475°			
	Elevation:		1000'			
2.						
	GPS Coordinates (Lat/Long):					
	Elevation:		0			
3.						
	GPS Coordinates (Lat/Long):					
	Elevation:		0			
4.						
	GPS Coordinates (Lat/Long):					
	Elevation:		0			
5.						
	GPS Coordinates (Lat/Long):					
	Elevation:		0			

[Click here to add more:](#)

Pole Weight Totals: 1200

Additional Equipment Weight Totals: 500



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 1370269
ADDRESS: DUMP ROAD : CATALINA ISLAND CA
1492568E LATITUDE 33°19'52.98"N LONGITUDE 118°19'6.50"W 60 FT CL 1 COMPOSITE 1500 LBS
LZ LATITUDE 33°20'11.51"N LONGITUDE 118°18'41.12"W
STAGING AREA LATITUDE 33°19'46.89"N LONGITUDE 118°18'51.19"W
CONTACT AT SITE: DENNIS MCDONALD PHONE#: 310-510-4323
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. 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: : (1) ↓ (1) ↑ HEAVIEST 1600 LBS CLASS OF LOAD: EXTL CL B TYPE OF ITEM LIFTING:
POLE ☐ AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1600 LBS
NO. OF LIFTS: 2 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
1-17-2020	SUNRISE	SUNSET	12-30-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
AVALON POLICE DEPARTMENT	310-510-0174	WATCH COMMANDER	NOTIFY
CATALINA FIRE DEPARTMENT	310-510-0203	STATION	NOTIFY

Evacuation

Crowd Control

Street Closure

☒ No Evacuated Structures

☒ Operator

☒ Yes ☐ No

☐ Evacuated Structures

☒ Contractor

☒ 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 AND CONDUCT A TAILBOARD SAFETY BRIEF
2. THE POLES WILL BE STAGED NEAR THE POLE SET SITE
3. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. FLAGMAN WILL NEED TO STOP TRAFFIC AS OUTLINED IN THE DIAGRAMS BELOW
6. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
7. WATER TRUCK REQUIRED AT POLE STAGING AREA. WATER TRUCK IS NOT REQUIRED AT THE LZ
8. REMOTE NO EVACUATIONS
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





1-13-2020

DATE OF SUBMISSION

Jeffrey M. Fenton

COMPANY OFFICIAL / TITLE

