

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: *TRABUCO CANYON*

- ☐ SAFETY BRIEF SIGN IN *1-28-2020*
- ☐ GHI CREW INTRODUCTION *Non-cap*
- ☐ IS A TRANSLATOR REQUIRED *(1) 45 #3 2700 LBS*
- ☐ WORK STOP AUTHORITY
- ☐ DESIGNATE A 911 CALLER *TD 1508724*
- ☐ 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

Tailboard & Helicopter Safety Briefing

Pilot:

Support Crew:

Location:

Mission:

Aircraft:

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 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

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:*	JEREMY GUINN
Department:*	CCM
Pax:*	N/A.
Cell Number:*	760 504 8127
Email Address:*	JGUINN@PROE.SERVICES

SAP Accounting Number*	TD1508724
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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):

NO PASSENGERS.

REMOVE 716606E 35 - C5(643 LBS) REPLACE 716606E 45 - H3 (2,591 LBS).

General Operating Location	TRABUCO CREEK RD
District	43
LZ Coordinates (if known)	33.67704 N 117.57250 W
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	1/28/20
Time of Pick-up	
Approx. mission duration (if known)	0800-1600
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 _____



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 REPLACEMENT WORK ORDER #: TD 1508724
ADDRESS: ROSE CANYON ROAD : TRABUCO CANYON CA
LZ STAGING AREA LATITUDE 33°40'37.68"N LONGITUDE 117°34'20.28"W
716606E LATITUDE 33°40'8.94"N LONGITUDE 117°34'25.19"W 45H3 2700 LBS
CONTRACTOR'S JEREMY GUINN PHONE#: 760-504-8127
CONTACT AT SITE; CCM PHONE#: 760-504-8127
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 33018828
4. IAN GOODALE CERT# 3741973

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 POLE 45 H3 2700 LBS CLASS OF LOAD: EXTL CL B
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
1-28-2020	SUNRISE	SUNSET	1-20-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
RANCHO SANTA MARGARITA	949-770-6011	WATCH COMMANDER	NOTIFY
ORANGE COUNTY FIRE	714-573-6000	STATIN 18	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
NO EVACUATIONS	VACANT DURING OPS	HAND DELIVER
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 MEETING
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. NO STREET CLOSURES
5. WATER TRUCK REQUIRED AT STAGING AREA
6. FLAGMAN WILL BE POSTED AT THE LANDING ZONE PER DIAGRAM BELOW
7. EVACUATION NOT REQUIRED
8. POLES AND EQUIPMENT WILL BE AT THE STAGING AREA
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





11-25-2019
DATE OF SUBMISSION

Jeffrey M. Jester
COMPANY OFFICIAL / TITLE

*** NOTES: E-ALL POLE**

ENVIRO POLE - OPEN & WEEDY/PLATZ AGRICULTURAL PRESERVE
BULLETIN 322 AREA
EAGLE ZONE
HAND SET
SET 1' NORTH

RUSTIC 12KV

4394118E
35

686'

374'

4B-12KV

5167'

1

716606E

Class C5

RM: 1- POLE 35' CLASS 5 WOOD FULL TREAT

RM: 1- XA DBLE 1/8 10' STEEL PINS

RM: 6- INS GLASS & PIN 12KV

TRANSFER (S):
3/C 4B-12KV

N 33° 40' 08.98"

W 117° 34' 25.18"

ELEVATION: 1,312'

POLE

716606E

Class H3

IN: 1- POLE 45' CLASS H3 WOOD FULL TREAT

IN: 1- XA DBL HD TAN COMP 10'

IN: 6- INS POLY W/PIN 12KV CLMP #6-4/0 CU

IN: 2- MISC AMIAN HOOD FOR HENDRIX INSUL #4-853

N 33.6638

W 117.5731



NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)	
EDISON EXAMINER REQUIRED	☒
PMO BB REQUIRED	☒
US CNE ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	☒
PEL TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (11A) REQ'D	☒

DISTRICT 43 - SADDLEBACK	PROJ. MGR. LIVINGSTON, JASON	PLANNER ASP	DESIGNER ASP
PROJECT NO. 1733998	SERVICE REQUEST 2639744	PHONE 714-323-9041	PHONE 714-893-2405
CIRCUIT / VOLTAGE RUSTIC 12KV	THOMAS BLADE	PRODUCT-1 1508724-INFRA REPLAC -- DET POLE REPLACEMENT	DESIGN ASP
SUB / PG NO. ONEILL SUB	CIRCUIT CODE	PRODUCT-2	ASSOC DESIGN
INVENTORY MAP 548-1596-1	J.P.A. NO.	PRODUCT-3	ASSOC DESIGN
PROPOSED CONSTRUCTION (LOCATION)			
POLE 716606E			
TRABUCO CREEK RD 2,377' NW 5,167' NE/O TRABUCO CYN RD			
TRABUCO CANYON, CA			
DATE	APPROVED BY	CHECKED BY	DRAWN BY
			ASP
TYPE			SHEET
			1120189
			0.01

REVISED 10/20/08