

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

6-17 / 6-23, 6/24, 6/27 / 6/28, 6/29, 6/30
Santiago / Saddleback project
AS350 / UH-1H

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

Tailboard & Helicopter Safety Briefing

Pilot:

Support Crew:

Location:**Mission:****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: 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



SECTION 7

Part 135 GH 4A Part 133 GH 4L
NON-Congested Area Plan

Operator: Guardian Helicopters, Inc
 16425 Hart Street
 Van Nuys, CA 91406
 Phone (818) 442-9904
 FAX (818) 442-9901

PROJECT : EDISON POLE REPLACEMENT WORK ORDER #: TD1544801 TD 1547183 TD 1547413
TD1546105

ADDRESS: SANTIAGO CANYON SADDLEBACK : TRABUCO CA
LANDING ZONE STAGING AREA LATITUDE 33°40'11.09"N LONGITUDE 117°34'10.91"W
SANTIAGO PEAK ELEV 5400 FT LATITUDE 33°42'31.92"N LONGITUDE 117°32'5.91"W
 CONTRACTOR'S NAME: JEFF VOLPE PHONE#: 949-632-0995

MICHAEL PACHECO PHONE# 949-812-9583

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 205A1 N# N216GH A/C CATEGORY: STANDARD
BELL 407 N# N407GH 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: AS 350 HEC UH-1H POLES AND EQUIPMENT CLASS OF LOAD: EXT 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
6-17-2019	SUNRISE	SUNSET	6-6-2019
6-23-2019	SUNRISE	SUNSET	6-6-2019
6-24-2019	SUNRISE	SUNSET	6-6-2019
6-28-2019	SUNRISE	SUNSET	6-6-2019
6-29-2019	SUNRISE	SUNSET	6-6-2019
6-30-2019	SUNRISE	SUNSET	6-6-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
COUNTY SHERIFF	949-206-6100	WATCH COMMANDER	NOTIFY
COUNTY FIRE	714-573-6000	STATION 58	NOTIFY
USFS	949-858-9381	DISPATCH	NOTIFY



Part 135 GH 4A Part 133 GH 4L
NON- Congested Area Plan (Continued)

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.

TAIL BOARD SAFETY MEETING WILL BE HELD AT THE LANDING ZONES PRIOR TO HELICOPTER OPERATIONS.

1. HELICOPTER WILL LAND STAGE FOR TAILBOARD, HEC TRAINING AND CONNECTING LONGLINE
2. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
3. REMOTE AREA NO HOME EVACUATION REQUIRED
4. NO STREET CLOSURES
5. IF NEEDED A WATER TRUCK WILL BE REQUIRED LANDING ZONES .
6. MISSION SPECIFICS WILL BE REVIEWED DURING DAILY TAILBOARD AND AS THE DAY PROGRESSES.

6-12-2019

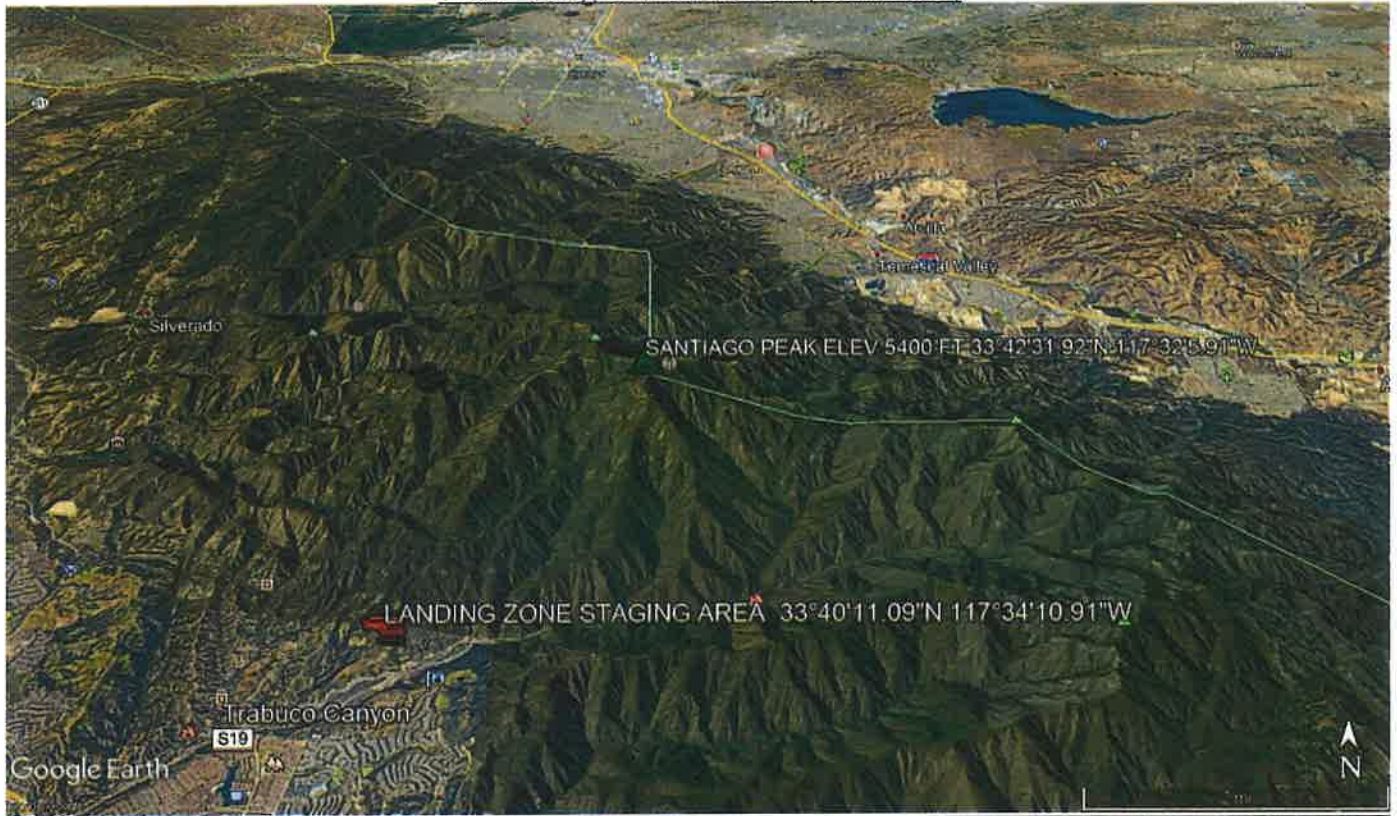
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



GUARDIAN
HELICOPTERS, INC.

Part 135 GH 4A Part 133 GH 4L
NON- Congested Area Plan (Continued)





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)	

AREA SURVEY CONDUCTED BY:

Jeffrey M. J...



SCE Aircraft Operations
Flight Request Form

6-10 thru 6-22/2019
Astar
Guardian 6/17/19

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:*	Jeff Volpe
Department:*	TDBU
Pax:*	51459
Cell Number:*	949-632-0995
Email Address:*	volpeja@sce.com

SAP Accounting Number* TD1539364

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):

Saddleback District needs to replace 15 poles on the face off Saddleback Peak (Rustic 12kv) this is a time sensitive job due by the end of June.

General Operating Location	West facing side of Saddleback peak
District	Saddleback
LZ Coordinates (if known)	33.669510,-117.569365
Pick-up location for passenger flights	Same
Drop-off location for passenger flights	Same

Date(s) for which service is requested	6-10 thru 6-22
Time of Pick-up	7AM
Approx. mission duration (if known)	2 WEEKS 7AM TO 7PM MONDAY THRU SATURDAY
Back-up date for mission (if known)	SOONEST AVAILABLE

Authorizer	JEFF VOLPE
Authorizer PAX and cell number	949-632-0995

*required information

RECEIVED MAY 21 2019

[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

Bonnie Bello

From: Christopher Clarke
Sent: Tuesday, May 21, 2019 3:18 PM
To: Robert Maystrovich; Air Ops; Jeffrey Volpe
Cc: Richard Neafcy; Bonnie Bello; Alejandro Arteaga
Subject: RE: Form Returned: FlightRequestForm.pdf

Approved

Christopher S. Clarke

Saddleback District Manager
TDBU | Saddleback District
T. (949) 458-4422 | M. (949) 923-8371
14155 Bake Pkwy, Irvine Ca 92618



From: Robert Maystrovich
Sent: Tuesday, May 21, 2019 3:17 PM
To: Air Ops <AirOps@sce.com>; Jeffrey Volpe <Jeffrey.Volpe@sce.com>
Cc: Richard Neafcy <Richard.Neafcy@sce.com>; Christopher Clarke <Christopher.Clarke@sce.com>; Bonnie Bello <Bonnie.Bello@sce.com>; Alejandro Arteaga <Alejandro.Arteaga@sce.com>
Subject: RE: Form Returned: FlightRequestForm.pdf

Approved.

Robert Maystrovich, P.E.

Southern California Edison - Saddleback Operations
Mobile: (951) 743-1058 | PAX: 51677 | Phone: (949) 458-4677



From: Air Ops
Sent: Tuesday, May 21, 2019 12:29 PM
To: Jeffrey Volpe <Jeffrey.Volpe@sce.com>; Air Ops <AirOps@sce.com>
Cc: Richard Neafcy <Richard.Neafcy@sce.com>; Robert Maystrovich <Robert.Maystrovich@sce.com>; Christopher Clarke <Christopher.Clarke@sce.com>; Bonnie Bello <Bonnie.Bello@sce.com>; Alejandro Arteaga <Alejandro.Arteaga@sce.com>
Subject: RE: Form Returned: FlightRequestForm.pdf

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