

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

6-3-2019
Wilson / Am Jack Angeles Crest
HEC / Equipment

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:**[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 Phone
16425 Hart Street FAX
Van Nuys, CA 91406

(818) 442-9904
(818) 442-9901

PROJECT NAME: WILSON / AMJACK WORK ORDER # TBD
ADDRESS: ANGELES CREST HWY : LA CANADA FLINTRIDGE CA
LZ STAGING AREA LATITUDE 34°16'22.99"N LONGITUDE 118° 9'37.05"W
HEC EQUIPMENT STAGING AREA LATITUDE 34°18'7.64"N LONGITUDE 118° 3'22.24"W
STRUCTURE RHV-M41-T2 LATITUDE 34°18'20.21"N LONGITUDE 118° 3'41.13"W
HUNTINGTON MEMORIAL HOSPITAL HP2 LATITUDE 34° 8'3.88"N LONGITUDE 118° 9'7.64"W
ADDRESS: 100 W CALIFORNIA BLVD PASADENA CA 91105 PHONE: 626-397-5000
CONTRACTOR'S NAME: RON STEWART PHONE#: _____
CHRIS STASIUK AMJACK PHONE# 204-631-2510
CONTACT AT SITE: ROBERT MCINTIRE PHONE #: 971-266-7166
PILOT'S NAME(S):

1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACAY 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: HEC AND EQUIPMENT LESS THEN 1900 LBS
MAX SINGLE – LIFT WEIGHT: 1900 LBS CLASS OF LOAD: EXTERNAL
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
TBD	SUNRISE	SUNSET	5-30-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
LACFD	818-249-1562	STATION 19	NOTIFY
CRESCENTA VALLEY SHERIFF	818-248-3464	DISPATCH	NOTIFY



NON- Congested Area Plan (Continued)

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 OF CONTACT
NONE	VACANT DURING OPERATION	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.

TAIL BOARD SAFETY MEETING WILL BE HELD AT A PRE AGGreed-ON LOCATION PRIOR TO EACH DAY.

1. HELICOPTER WILL LANDED AT THE ASSIGNED STAGING AREA ONLY.
2. FUELING WILL ONLY BE CONDUCTED AT THE AIRPORT OR ASSIGNED LANDING STAGING AREA
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. NO STRUCTURES WILL BE EVACUATED
5. WATER TRUCK WILL BE PROVIDED STAGING LANDING AREA
6. HEC TRAINING WILL BE CONDUCTED AT THE STAGING AREA PRIOR TO START TIMES
7. HEC WILL BE PLACED NEAR THE BASE OF THE STRUCTURES.
8. EQUIPMENT WILL BE PLACED AS CLOSE TO THE STRUCTURES AS POSSIBLE. KEEPING IN MIND THE LINES WILL BE ENERGIZED.

5-30-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



GUARDIAN
HELICOPTERS, INC.

OPERATIONS AREA DIAGRAM









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. Jordon



CONTRACTOR AIRCRAFT INFORMATION NOTIFICATION

The information on this form is for informational purposes only, to avoid conflict with SCE aircraft, and to keep the dispatcher notified of aircraft/flight activities in our potential area of operations. The SCE Aircraft Dispatcher will **NOT** provide any operational control over non-company-owned aircraft, and will not be responsible for the dispatch or flight following of said aircraft. This form needs to be completed before the start of each project.

Company Information

Company Name: GUARDIAN HELICOPTERS INC

Company Rep Name: JEFFREY TEUBNER

Company Rep Phone No.: 818-442-9904

Company Field Rep Name: JEFFREY TEUBNER

Field Rep Phone No.: 818-621-3794

Company VHF Frequency:

151.2850

Aircraft Information

Pilot Name: SEE LIFT PLAN

Pilot Contact No.: 818-442-9904

Aircraft Type: AS350B3

Aircraft Registration Number: N718GH

Aircraft Colors:

BLUE/SILVER

Project Information

Work/Flight Area: ANGELES CREST HWY LA CANADA FLINTRIDGE

Project Start: 6-3-2019

Project End: 15 DAYS TBD

Scope of Work:

HEC AND EQUIPMENT PLACEMENT SUPPORT AMJACK

Contractor Responsibilities

1. Before beginning the day's operations, the contractor representative must call SCE Aircraft Operations at **(909) 974-4676** and speak to one of the following:
 - Dispatcher*
 - Supervisor of Aircraft Operations
 - Chief Pilot
 - Assistant Chief Pilot

*Alternatively the contractor may choose to email the aircraft dispatcher (Bonnie.Bello@sce.com) **AND** aiops@sce.com the day before operations are due to begin and provide the information above.

2. If an email notification is used, the contractor **must call the day of the operation** and state their intentions.
3. At the completion of work or at the end of the day the contractor will contact SCE Air Ops.

ANGELES NATIONAL FOREST
SPECIAL USE - AIRCRAFT NOTIFICATION FORM

Any Special Use Authorization holder that requires the use of aircraft (fixed or rotor wing) within the Angeles National Forest boundaries will be required to fill out this form. Submission of this form must be routed through the Forest Lands Program Manager.

District or Monument Unit: _____ Project Name: _____

Signature of District Ranger/Monument Manager: _____ Date: _____

Submitted to SO Lands on: _____ Submitted to Aviation and Dispatch on: _____

All "Aircraft Notification Forms" must be completed and submitted to the Forest Aviation Officer (FAO) and Angeles Emergency Communications Center (ECC/Dispatch) and the at least 72 hours prior to the aircraft use. Submitted notification to the ECC, will allow for coordination and notification to any other aviation activities on the Forest during the proposed times, enhancing safety and meeting our obligation to meet Forest Service guidelines.

Required Information

Date(s) of project: 6-3-2019 THRU 6-15 -2019 Time(s) proposed: Daily 6:00am to 5:00pm

Contact person: GUARDIAN HELICOPTERS INC JEFFREY M. TEUBNER

Office phone: (818) 442-9904 Cell phone: (818) 621-3794

Second contact person or back up: _____

Office phone: () Cell phone: ()

Geographical Location: NORTH OF THE 210 APPROX 10-15 MILES 1 MILE EAST AND WEST OF THE 2 FREEWAY

Latitude/Longitude (degrees decimal minute format)

LZ STAGING AREA LATITUDE 34°16'22.99"N LONGITUDE 118° 9'37.05"W

HEC EQUIPMENT STAGING AREA LATITUDE 34°18'7.64"N LONGITUDE 118° 3'22.24"W

STRUCTURE RHV-M41-T2 LATITUDE 34°18'20.21"N LONGITUDE 118° 3'41.13"W

Legal Description: Township: _____ Range: _____ Section: _____

Type of Aircraft: AIRPLANE ☐ HELICOPTER ☒ UAS-DRONE ☐

Aircraft tail/"N" number: N718GH Color: BLUE / SILVER Make/Model: AS 350 B3

Aircraft tail/"N" number: _____ Color: _____ Make/Model: _____

Project Description: HEC AND MOVING EQUIPMENT TO POWER STRUCTURES

Please attach a map showing the location of the project and if multiple locations are being used mark planned flight routes on the map.

Project manager or pilot(s) must notify the Angeles Emergency Communications Center prior to flight and upon completion of the project/mission. Notifications must be completed by phone (661-723-2703) and talking to the Aircraft Dispatcher.

Current Aviation Activity on the Angeles National Forest: * TO BE FILLED OUT BY Forest Aviation Officer or designee.

Send this completed form to rterracciano@fs.fed.us, ehesbol@fs.fed.us, dcardenas@fs.fed.us, dawnlepo@fs.fed.us, caanf01ecc@fs.fed.us, All are located at Fox Field, Lancaster, CA or fax the form to (661) 723-2710.

Reviewed by: _____ Date: _____

ROCCO TERRACCIANO - Forest Aviation Officer