

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF
WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: *ASUZA Canyon*

- ☐ SAFETY BRIEF SIGN IN *11-9-2019*
- ☐ GHI CREW INTRODUCTION *HEC (1) HFrame 2 45CL Composite*
- ☐ IS A TRANSLATOR REQUIRED *NOA-CAP*
- ☐ WORK STOP AUTHORITY *EAST Fork L2*
- ☐ DESIGNATE A 911 CALLER *TD 1470822 TD 1439457 TD 1425854 TD 1540320*
TD 1544145 TD 1481258
- ☐ 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

[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	

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:*	MIKE SANFORD
Department:*	Distribution
Pax:*	
Cell Number:*	951-423-4789
Email Address:*	MICHAEL.SANFORD@ROKSTADPOWER

SAP Accounting Number*	TD1470822 / TD1459457 / TD1425854 / TD1540320 / TD1544145 / TD1481258
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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):
REPLACE H-FRAME IN EXPERIMENTAL FOREST. NEED AT LEAST 48 HOURS TO
NOTIFY FORESTRY.

General Operating Location	AZUSA CANYON / HWY 39 (EAST FORK)
District	MONROVIA S/C
LZ Coordinates (if known)	TBD
Pick-up location for passenger flights	TBD
Drop-off location for passenger flights	TBD

Date(s) for which service is requested	MONTH OF NOVEMBER
Time of Pick-up	TBD
Approx. mission duration (if known)	1 DAY
Back-up date for mission (if known)	

Authorizer	JOHN PERRY
Authorizer PAX and cell number	951-314-7359

**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 POLE REPLACEMENT WORK ORDER #: TD 1470822 TD 1459457 TD 1425854
TD 1540320 TD 1544145 TD 1481258 ADDRESS: SAN GABRIEL CANYON ROAD : ASUZA CA
EAST FORK LZ STAGING AREA 34°13'55.00"N 117°47'8.13"W
1304195E 34°12'3.42"N 117°46'1.19"W 45 CL 1 COMPOSITE
1304194E 34°12'3.42"N 117°46'1.19"W 45 CL 1 COMPOSITE
CONTRACTOR'S NAME: MIKE SANFORD PHONE#: 951-423-4789
CONTACT AT SITE: MIKE SANFORD PHONE#: 951-423-4789
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166

2. BUCKEY MACKAY CERT #: 2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT#: 3018828
5. 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: HEC AND (2) POLES 45 LC 1 COMPOSITE 1200 LBS CLASS OF LOAD: EXTERNAL
CL B

NO. OF LIFTS: TBD LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)

OPERATIONAL ALTITUDE: < 250

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
11-9-2019	SUNRISE	SUNSET	11-8-2019
<u>AGENCY NAME:</u>	<u>PHONE#:</u>	<u>PERSON NOTIFIED:</u>	<u>DATE:</u>
POLICE	909-450-2700	WATCH COMMANDER	NOTIFY
FIRE	626-334-0011	STATION 32	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
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	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.

EVERYDAY PRIOR TO COMMENCING OPERATIONS A SAFETY TAILBOARD WILL BE CONDUCTED AT A PRE-DETERMINED LZ

HEC TRAINING WILL BE CONDUCTED FOR ALL HEC PARTICIPANTS PRIOR TO BEGINNING OPERATIONS.

1. HELICOPTER WILL LAND IN THE PRE-DETERMINE LZ/ STAGING / FUEL AREA
2. FUELING WILL ONLY BE CONDUCTED AT THE STAGING AREA
3. EMERGENCY LANDING ZONES ARE AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. ALL STRUCTURES WITHIN THE OPERATING AREA WILL BE EVACUATED AND WILL BE VERIFIED PRIOR TO HELICOPTER OPERATIONS
5. THE PILOT WILL ENSURE ALL HIGHWAY AND RIVER CROSSINGS ARE CLEAR OF VEHICLES AND MEMBERS OF THE PUBLIC PRIOR TO PROCEEDING
6. ALL DIRT STAGING AREAS WILL REQUIRE A WATER TRUCK
7. ROADS WILL BE CLOSED AS ASSIGNED IN DIAGRAM BELOW
8. EQUIPMENT WILL BE STAGED AT THE ASSIGNED LZ/STAGING AREA
9. PILOT WILL MONITOR ACCESS ROADS AND TRAILS TO ENSURE MEMBERS OF THE NON-PARTICIPATING PUBLIC DON'T ENTER THE OPERATING AREA DURING ALL EXTERNAL LOAD OPERATIONS

10. PLEASE TRIM TREES IF REQUIRED.

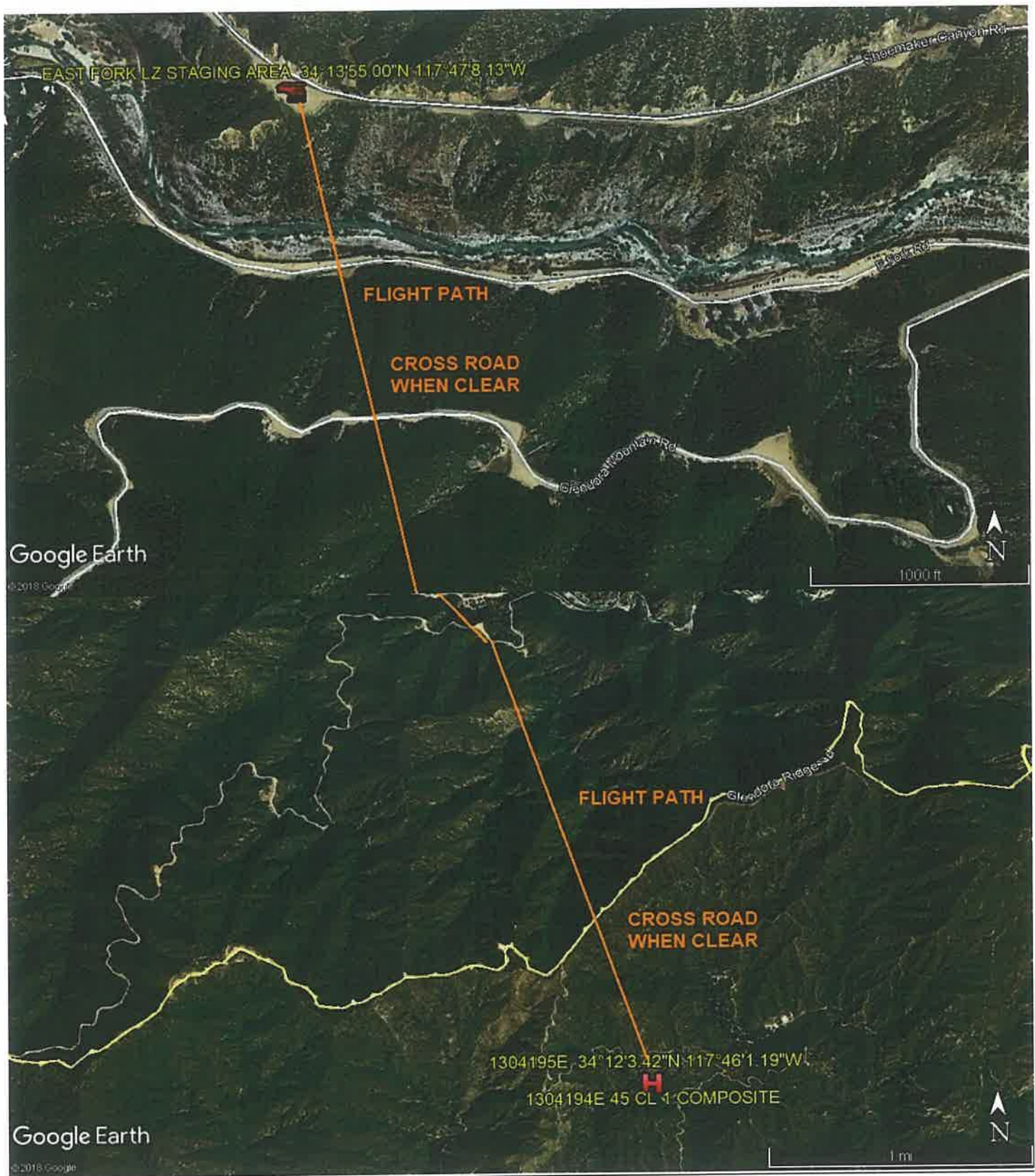
11-8-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

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 = >>>> ORANGE LINE	EMERGENCY LAND = (ELZ)	
UNOCCUPIED BUILDING = (UBA) (V)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

AREA SURVEY CONDUCTED BY : Jeffrey M. Jutma