



HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: Tollhouse CA

- ☐ SAFETY BRIEF SIGN IN 12-13-2019 - 12-21-2019 Amjack
- ☐ GHI CREW INTRODUCTION Noa - CAP
- ☐ IS A TRANSLATOR REQUIRED Equipment 2200 LBS @ 3700 Elev.
- ☐ 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

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:**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 ☐ IMSAFE Acronym 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



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Non-compliance with established procedures may result in your removal from the mission

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 ☐ IMSAFE Acronym 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
67 D STREET
Fillmore CA. 93015
Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: AMJACK STRUCTURE SUPPORT WORK ORDER NUMBER:

ADDRESS: TOLLHOUSE RD :TOLLHOUSE CA

LZ AREA LATITUDE 36°56'47.90"N LONGITUDE 119°26'52.82"W

STAGING AREA LATITUDE 37° 1'31.18"N LONGITUDE 119°22'46.74"W

M18-T5 LATITUDE 37° 1'7.29"N LONGITUDE 119°23'11.16"W

CONTRACTOR'S NAME: CHRIS STASIUK PHONE#: 204-631-2510

CONTACT PERSON: CHRIS STASIUK CELL PHONE#: 204-785-3044

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 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: EQUIPMENT ☐ 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: EQUIPMENT UP TO 2200 LBS HIGHEST ELEVATION 3600 FT

MAX SINGLE – LIFT WEIGHT: 1750 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: TBD LONG LINE: (NO) XXX (YES) 100 – 150 FT

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: XX (NO) (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
12-13-2019	SUNRISE	SUNSET	11-27-2019
12-21-2019	SUNRISE	SUNSET	11-27-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
FIRE DEPARTMENT	559-841-3360	DISPATCH	NOTIFY
CAL FIRE	559-841-7774	DISPATCH	NOTIFY



NON- Congested Area Plan (Continued)

Evacuation

☒ No Evacuated Structures

☐ Evacuated Structures

Crowd Control

☒ Operator

☒ Contractor

Street Closure

☒ ☐ Yes ☐ No

☐ Contractor

☐ Operator

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

BUILDING DESCRIPTION/ADDRESS	REMARKS	PHONE #:
ALL STRUCTURES WITHIN 300 FT OF FLIGHT PATH OR POLE SITES	VACANT	HAND DELIVERED

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

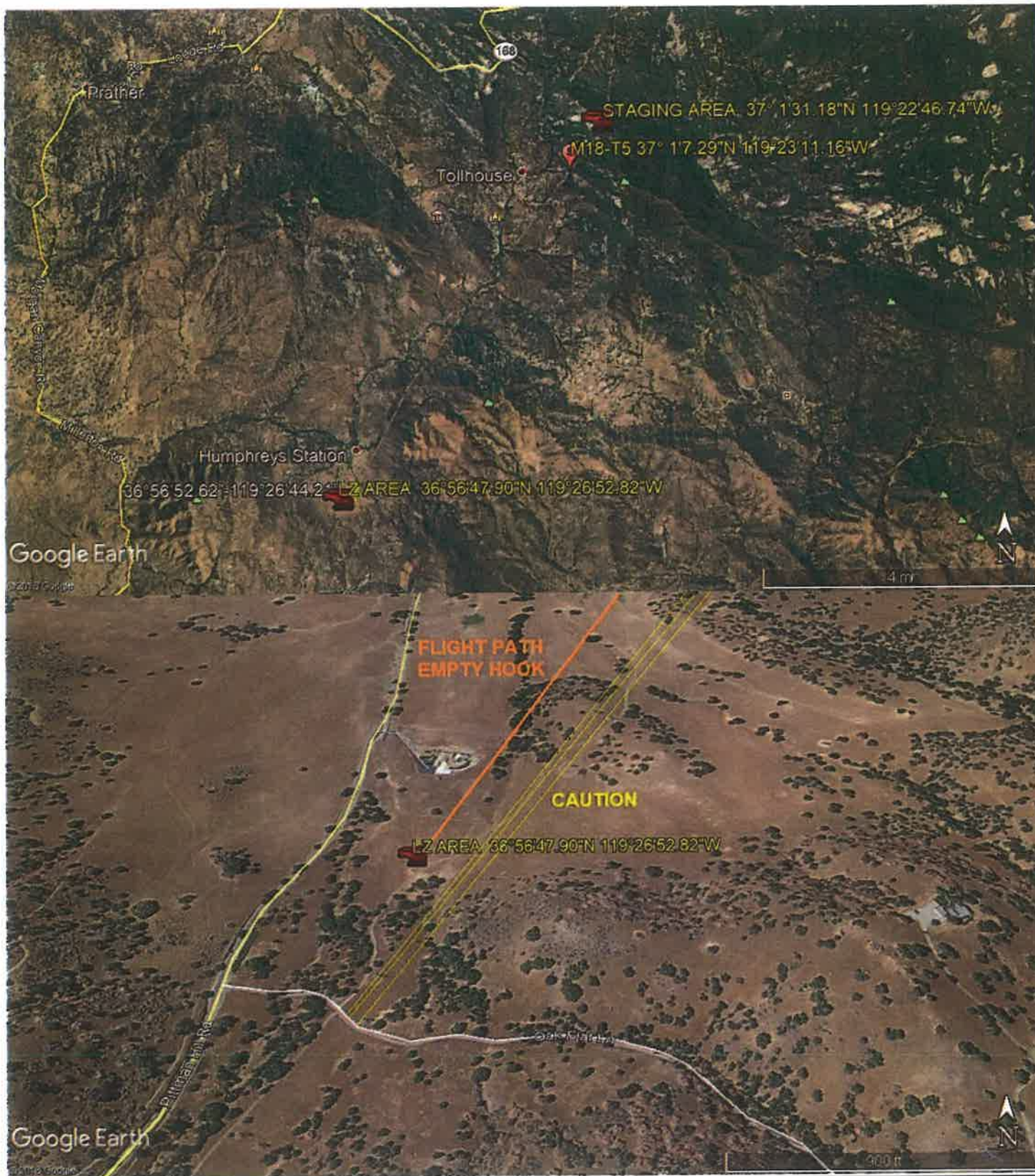
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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.

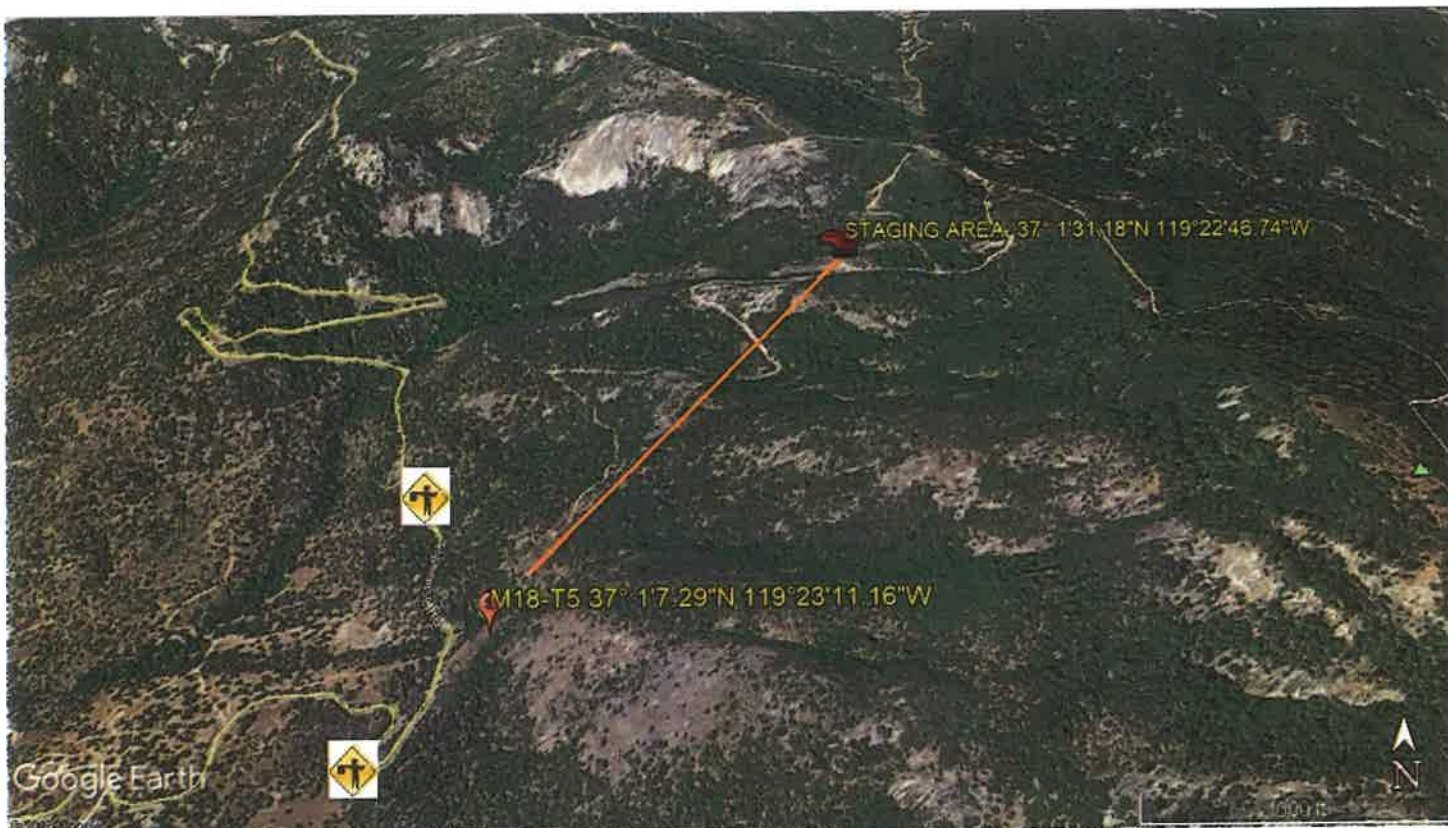
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

A DAILY TAILBOARD SAFETY MEETING WILL BE HELD AT THE ASSIGNED LOCATING PRIOR TO BEING OPERATIONS

1. HELICOPTER WILL LAND AT THE DESIGNATED LANDING ZONE FOR FUELING AND TAILBOARD.
2. EQUIPMENT WILL BE STAGED AT THE ASSIGNED POLE STAGING AREA
3. WATER TRUCK IS REQUIRED AT LZ AND STAGING AREA
4. EMERGENCY LANDING ZONE IS AT THE LANDING ZONE, STAGING AREA AND IN ROUTE TO POLE SITES IF REQUIRED
5. TOLLHOUSE ROAD WILL EXPERIENCE INTERMITTENT CLOSURE DURING EQUIPMENT SETTING









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)	

11-27-2019

DATE OF SUBMISSION

Jeffrey M. J...

COMPANY OFFICIAL / TITLE

Date: 11-27-2019

Aircraft Use Form - Sierra National Forest

SNF #:

Project Date(s):	12-13-2019 12-21-2019	Project Duration:	TWO DAYS WITHIN ONE WEEK	
Project Coordinator:	JEFFREY M. TEUBNER	External Loads?	EQUIPMENT	
Type of Project:	MOVE EQUIP TO EDISON STRUCTURE	Contact Numbers:	818-442-9904	
Starting and Ending Locations:				
LANDING INFORMATION (Datum WGS84 in D,dM i.e. N375.1 x W119 9.3)				
Landing Locations:	Latitude	Longitude	Geographic Locations	
LZ AREA	36°56'47.90"N	119°26'52.82"W	TOLLHOUSE ROAD	
STAGING AREA	37° 1'31.18"N	119°22'46.74"W	TOLLHOUSE ROAD	
M18-T5	37° 1'7.29"N	119°23'11.16"W	TOLLHOUSE ROAD	
(continue on back if necessary)				
AIRCRAFT INFORMATION				
Pilot Name:	SEE FLIGHT PLAN	Owner of A/C:	GUARDIAN HELICOPTERS INC	
Type of Aircraft:	UH-1H	Tail Number: (N#)	N214KK OR N711GH	
Color(s):	RED AND WHITE	# of Passengers:	PILOT ONLY	
EMERGENCY INFORMATION				
Emergency Contact Name or Organization:	GUARDIAN HELICOTERS INC.			
Primary Phone Number:	818-442-9904	Cell Phone Number:	818-621-3794	
Alt. Phone Number:		Alt. Cell Number:		
FUEL INFORMATION				
Fuel Tender:	YES	Gallons:	LESS 800	Spill Containment Kit for fuel? YES
RADIO AND FLIGHT FOLLOW INFORMATION				
Satellite tracking? (Blue sky, Sky Router, AFF)	EDISON TRACKER, AFF, SPIDER TRACKER			
Will you flight follow with Sierra Dispatch?	NO COMPANY FLIGHT FOLLOWING WILL MONITOR NFS FREQUENCIES			
The Sierra National Forest uses two main channels:				
Channel 2 for Admin and Law Enforcement traffic and Channel 4 for Fire and Emergency traffic.				
For flight following the channel you use depends on your mission and the activity that day. We may also use the National Flight Following Frequencies if needed. Contact the Sierra ECC to ensure they recieved this form and arrange flight following.				
Frequencies:	Channel 2, ADMIN / LAW ENFORCEMENT NET: RX-171.4750 TX-163.6875			
	Channel 4, FIRE / EMERGENCY NET: RX-172.2250 TX-169.9250			
	National Flight Following: RX/TX 168.5000 tone guard 110.9			
	Initial Attack Air to AIR Victor Frequency: RX/TX 118.950			
Do you have the capability of changing frequencies and selecting tones in flight?	YES			
If you are unable to use the above frequencies and cannot flight follow with Sierra ECC.....				
Who will you flight follow with?	COMPANY AND EDISON			

SNF #: _____

Aircraft Use Form - Sierra National Forest

[illegible]

Date: 11-27-2019

Aircraft Use Form - Sierra National Forest

SNF #: _____

[illegible]



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: UH-1H

Aircraft Registration Number: N711GH OR 214KK

Aircraft Colors:

RED/WHITE

Project Information

Work/Flight Area: BIG CREEK

Project Start: 12-13-2019 12-21-2019

Project End: TWO DAYS

Scope of Work:

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 airops@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.