

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: *Big to xing et*

- ☐ SAFETY BRIEF SIGN IN *Amf Jack*
- ☐ GHI CREW INTRODUCTION *3-30-2020 TWU 4-1-2020*
- ☐ IS A TRANSLATOR REQUIRED *4-6-2020*
- ☐ WORK STOP AUTHORITY *HFC Crew support*
- ☐ DESIGNATE A 911 CALLER *NONCAP*
- ☐ 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

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 Phone
67 D STREET
FILLMORE, CA 93015

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

PROJECT NAME: AMJACK HEC AND EQUIPMENT WORK ORDER # TBD

ADDRESS: ANGELES CREST HWY : LA CANADA FLINTRIDGE CA

LZ LATITUDE 34°16'22.47"N LONGITUDE 118° 9'36.49"W

M11-T2 LATITUDE 34°19'36.94"N LONGITUDE 118° 9'43.89"W

M11-T1 LATITUDE 34°19'48.28"N LONGITUDE 118° 9'39.42"W

M10-T4 LATITUDE 34°20'4.44"N LONGITUDE 118° 9'32.93"W

M10 -T2 LATITUDE 34°20'22.43"N LONGITUDE 118° 9'27.41"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: CHRIS STASIUK AMPJACK PHONE# 204-631-2510

PILOT'S NAME(S):

1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. IAN GOODALE CERT# 3741973
5. ROSS GOULET CERT# 339677

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: (N0) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
3-30-2020 4-1-2020	SUNRISE	SUNSET	3-28-2020
4-6-2020	SUNRISE	SUNSET	3-28-2020
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)

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	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 ON THE STRUCTURE.

8. EQUIPMENT WILL BE PLACED ON THE STRUCTURE. LADDERS AND TOOLS

9. ANGELES CREST HIGHWAY WILL EXPERIENCE ROLLING CLOSURES TO ALLOW AIRCRAFT TO CROSS AND WORK AT THE STRUCTURES CLOSEST TO THE ROAD.

3-28-2020

DATE OF SUBMISSION

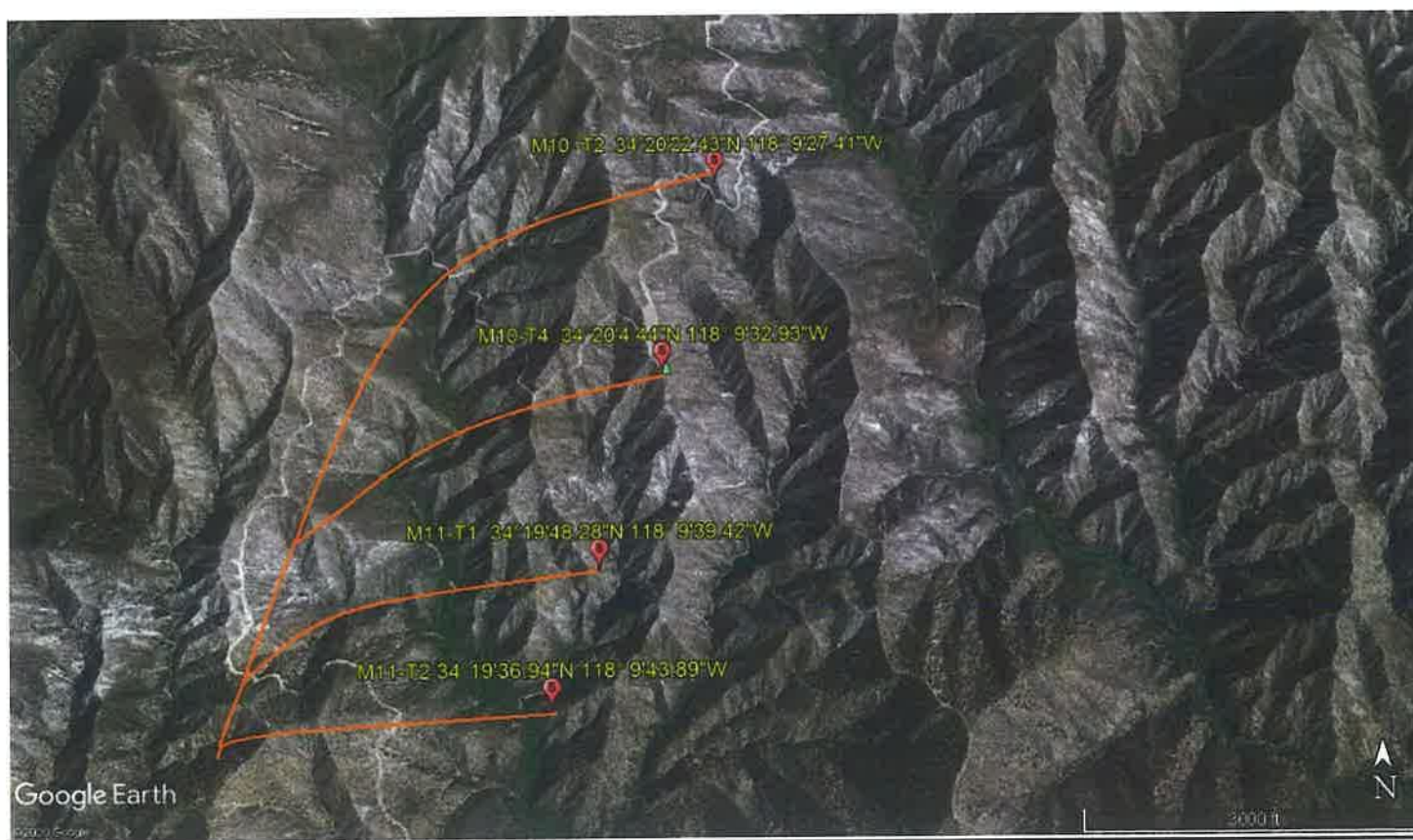
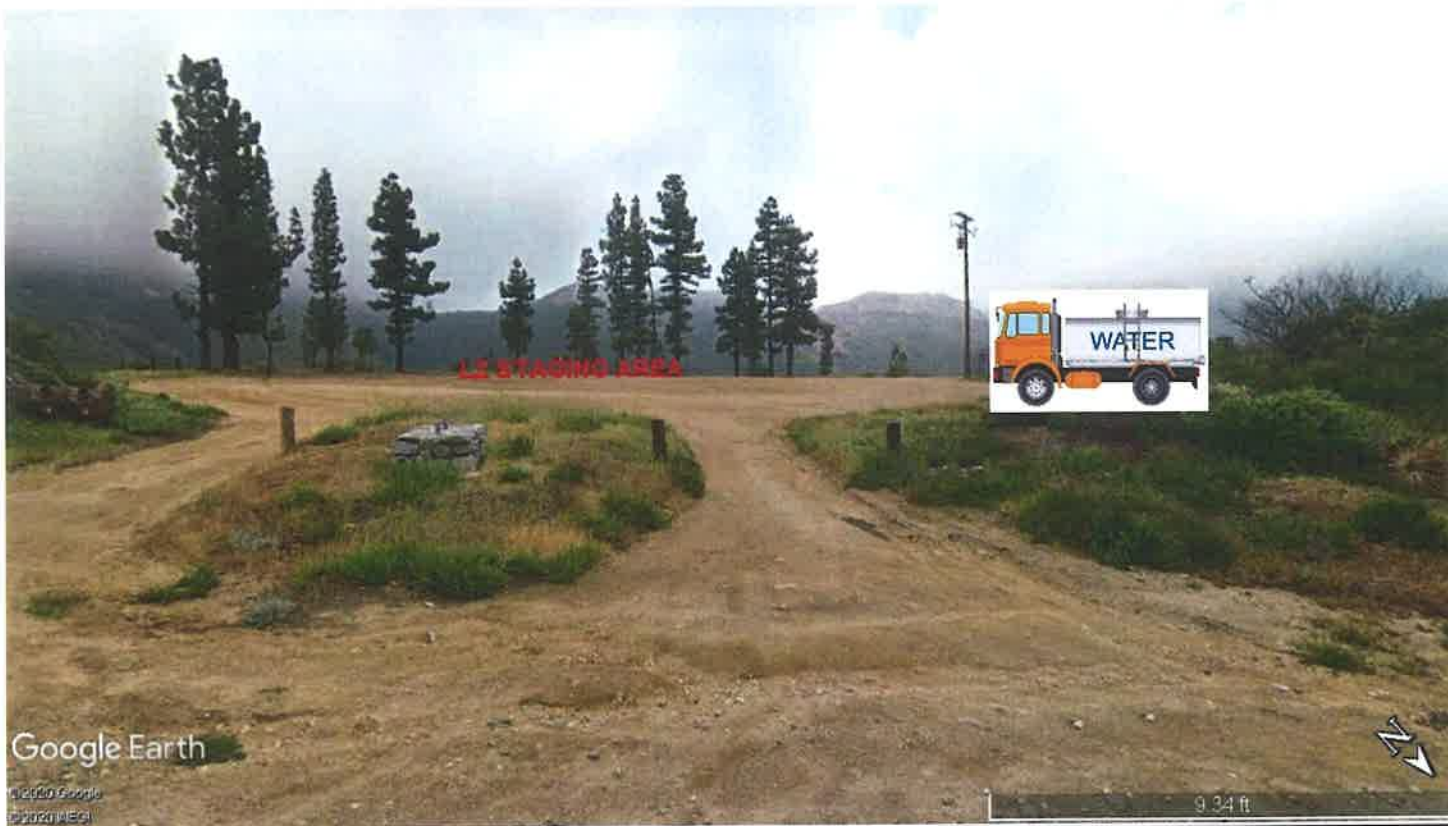
COMPANY OFFICIAL / TITLE

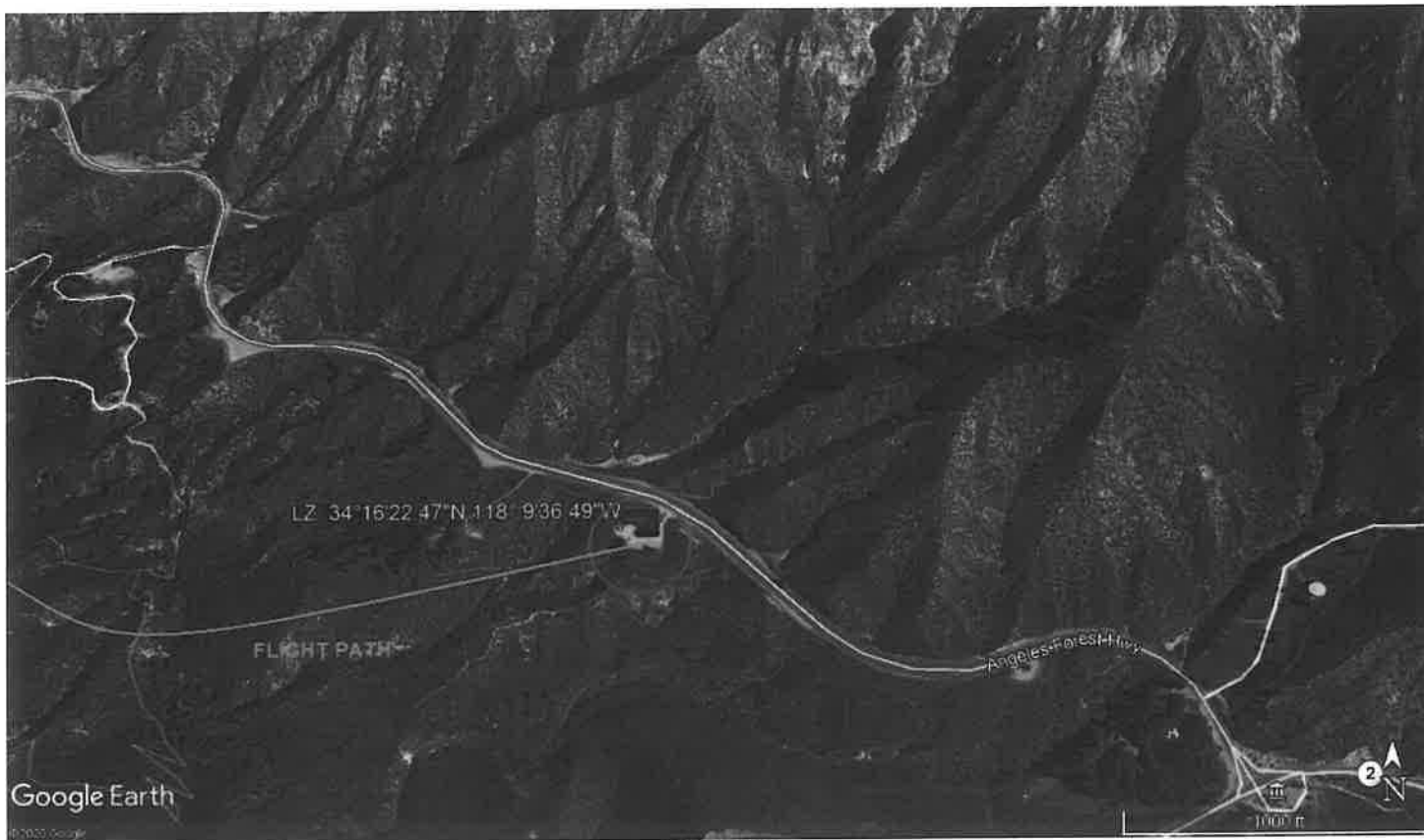


GUARDIAN
HELICOPTERS, INC.

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)	

Jeffrey M. Jutera

AREA SURVEY CONDUCTED BY : _____

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: 3-30-2020 THRU 4-1-2020 4-6-2020 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 OFF OF ANGELES CREST HWY (2)

Latitude/Longitude (degrees decimal minute format)

LZ LATITUDE 34°16'22.47"N LONGITUDE 118° 9'36.49"W

M11-T2 LATITUDE 34°19'36.94"N LONGITUDE 118° 9'43.89"W

M11-T1 LATITUDE 34°19'48.28"N LONGITUDE 118° 9'39.42"W

M10-T4 LATITUDE 34°20'4.44"N LONGITUDE 118° 9'32.93"W

M10-T2 LATITUDE 34°20'22.43"N LONGITUDE 118° 9'27.41"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: N407GH Color: GREEN Make/Model: BHT 407

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 rterraciano@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