

# **HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST**

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF
WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: 10-10-2019
□ SAFETY BRIEF SIGN IN MOUNTAIN U'llage
GHI CREW INTRODUCTION  TD1059261
WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: 10-10-2019  SAFETY BRIEF SIGN IN  GHI CREW INTRODUCTION  IS A TRANSLATOR REQUIRED  TO 10-10-2019  MOUNTAIN UTILIZE  TO 10-10-2019  MOUNTAIN UTILIZE  TO 10-10-2019  MOUNTAIN UTILIZE  TO 10-10-2019  HEC/LightCarso/Line Poil
□ 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



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

Pilot:

w:							
Location:  Mission:  Aircraft:							
PRINT NAME	SIGNATURE	COM AN					
	g this document you acknowled insuring all loose items are sector PRINT NAME	g this document you acknowledge you understood all items brie insuring all loose items are secured when working under a helic					

## Tailboard Briefing Guide Updated: January 17, 2019

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: ○ First aid/survival kit ○ Fire extinguisher ○ Fuel and battery shut off procedure ○ 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  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, In
•	67 D STREET
	Fillmore CA. 93015
	Phone (818) 442-9904

FAX (818) 442-9901	
PROJECT :EDISON HEC/ POLES WORK ORDER NUMBER: TD1054261	
ADDRESS: HWY 38/VALLEY OF THE FALLS DR : ANGELUS	OAKS CA
STAGING AREA: LATITUDE 34° 5' 40.16 "N LONGITUDE 116° 56' 5	0.22" W ELEV: 4700 FT
HEC EQUIPMENT_LATITUDE 34° 5'56.87"N 116°59'0.46"W	
POLE 1764113E_LATITUDE <u>34° 6'23.0"N</u> LONGITUDE <u>116°59'32.2"W</u>	
POLE 160967E_LATITUDE 34° 6'25.77"N LONGITUDE 116°59'27.25"W	
POLE 160968E_LATITUDE <u>34° 6'27.45"N</u> LONGITUDE <u>116°59'24.11"W</u>	
SEE LIST BELOW	
CONTRACTOR'S NAME: <u>DIVERSIFIED JOHN WHARTON</u> PHO	NE#: <u>661-864-6051</u>
CONTACT AT SITE; <u>DIVERSIFIED UTILITY SERVICE</u> PHO	NE #: <u>661-864-6051</u>
PILOT'S NAME(S):	
1. <u>JOHN OLSON</u> CERT #: <u>2769166</u>	
2. <u>BUCKEY MACKAY</u> CERT #: <u>2778051</u>	
3. MARTIN RODRIGUEZ CERT #: 3555121	
4. MICHAEL KLINK CERT#: 3018828	<del></del>
5. IAN GOODALE CERT#: 3741973	<del></del>
TYPE OF AIRCRAFT:	
BELL UH-1H N# N711GH A/C CATEGORY: RESTR	ICTED
BELL UH-1H N# N214KK A/C CATEGORY: RESTR	ICTED
BELL 205A1 N# N216GH A/C CATEGORY: STAND	DARD
AS350 B2 N# N498PT A/C CATEGORY: STAND	DARD
AS350 B3 N# N718GH_A/C CATEGORY: STANL	DARD
AS350 B3 N# N215GH A/C CATEGORY: STAND	DARD
TYPE OF ITEM LIFTING: HEC, CARGO, PULLING CONDUCTOR $\square$ A	AERODYNAMIC ☑ NON-
A EDODVNA MIC	
REROD TRAINE IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDIT	TIONAL LIFTS THE LIFTS
WILL RE CONDUCTED REMAINING WITHIN THE APPROVED TIM	E PARAMETERS.
TYPE OF LIFTS: (TBD)♠ (TBD) ♥ EQUIPMENT / TOOLS/ HEC /LINE PU	<u>LL</u>
MAX SINGLE – LIFT WEIGHT: 1200 LBSCLASS OF LOAD:EXT	<u>ERNAL</u>
LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)	
OPERATIONAL ALTITUDE: < 250 STREET CLOSING: XX (N0)	(YES)
Evacuation Crowd Control	Street Closure
No Evacuated Structures Operator	∐Yes <b>L</b> No
Evacuated Structures Contractor	☐ Contractor
	Operator



#### NON- Congested Area Plan (Continued)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
10-10-2019	SUNRISE	SUNSET	10-1-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
YUCAIPA POLICE DEPARTMENT	909-918-2305	WATCH COMMANDER	NOTIFY
ANGELUS OAKS FIRE DEPARTMENT	909-794-3227	WATCH COMMANDER	NOTIFY

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED

PERSONS:

BUILDING DESCRIPTION/ADDRESS	OWNER(S):	PHONE #:
N/A	N/A	N/A

## MARK "X" WHERE PERTAINING TO THE LIFT PLAN:

Copy of written agreement with local	officials for the exclusion of unauthorized
persons attached	

XXX Responsibility is delegated to the operator (fill in below)

OFFICIAL'S NAME: <u>JEFFREY TEUBNER</u>
PHONE #:818-442-9904



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.

A TAILBOARD SAFETY MEETING WILL BE HELD AT A PRE-DESIGNATED AREA PRIOR TO DAILY HELICOPTER **OPERATIONS** 

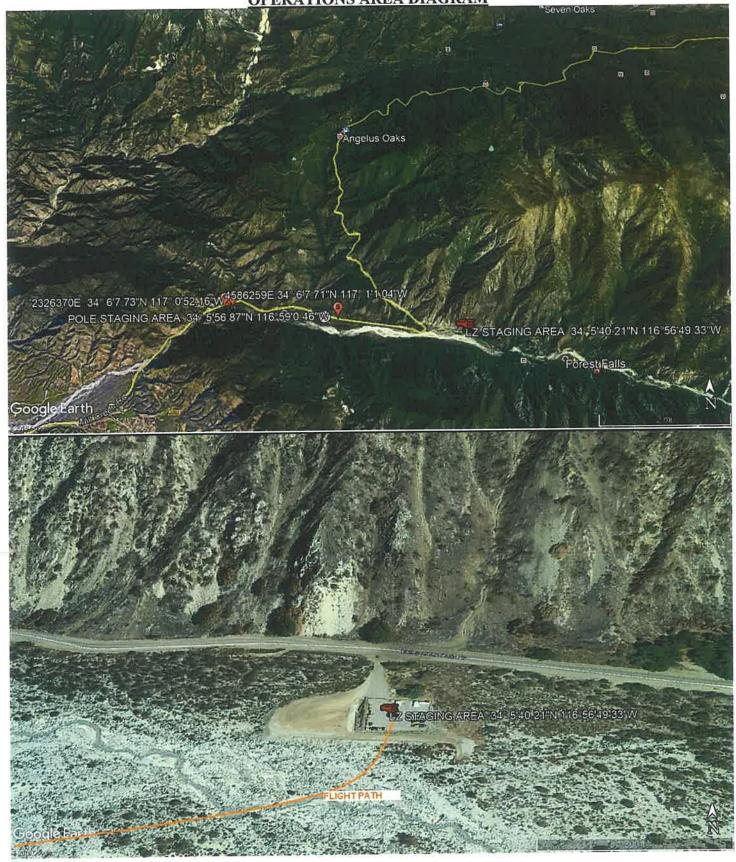
- 1. HELICOPTER WILL LAND IN THE STAGING / FUEL AREA AT COUNTY YARD OFF OF HWY 38 AND VALLEY OF THE FALLS DR
- 2. FUELING WILL ONLY BE CONDUCTED AT THE STAGING AREA
- 3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
- 4. REMOTE AREA NO BUILDINGS ARE IN THE OPERATING AREA.
- 5. PROVIDE A WATER TRUCK AT THE LANDING ZONES
- 6. DRIVE INTO YARD WILL BE SECURED FLAGMAN NOT REQUIRED
- 7. EQUIPMENT WILL BE STAGED AT THE LANDING ZONE
- 8. HEC TRAINING WILL BE CONDUCTED PRIOR TO DAILY OPERATION
- 9. WIRE PULL WILL BE CONDUCTED NEAR THE THREE POLES

10-10-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

Part 135 GH 4A Part 133 GH 4L
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:

