

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: Davenport Road Agua Dulce

- ☐ SAFETY BRIEF SIGN IN 2-12-2020
- ☐ GHI CREW INTRODUCTION Noa Cap
- ☐ IS A TRANSLATOR REQUIRED (1) 45cL3 1300CBS
- ☐ WORK STOP AUTHORITY L2 with water truck
- ☐ DESIGNATE A 911 CALLER TD1394479
- ☐ 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

Pilot:

Support Crew:

Location:

Mission:

Aircraft:[illegible]

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 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



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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: *	PEDRO LEMUS
Department: *	HAMPTON TEDDER
Pax: *	N/A
Cell Number: *	909-306-8203
Email Address: *	pedro.lemus@hamptontedder.com

SAP Accounting Number *	TD1394479
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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):

POLE 4921417E INTERSET POLE IN: 45 CL 4 WOOD

APPROX 1300LBS

General Operating Location	DAVENPORT RD @HASKETT RD, SANTA CLARITA
District	59 VALENCIA
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	LAST WEEK OF NOVEMBER 2019 MANDATED COMPLIANCE WORK AND THE SCHEDULE MUST REMAIN
Time of Pick-up	
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	
Authorizer PAX and cell number	

APPROVED

By Omar Sharif at 6:17 am, Nov 21, 2019

**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 HEC AND POLE REPLACEMENT WORK ORDER #: TD 1394479

ADDRESS DAVEPORT ROAD : SANTA CLARITA CA

LANDING ZONE LATITUDE 34°28'33.73"N LONGITUDE 118°21'3.19"W

4921417E LATITUDE 34°28'36.43"N LONGITUDE 118°21'9.45"W 45 CL 3 1300 LBS

CONTACT AT SITE: PEDRO LEMUS PHONE#: 909-306-8203

CONTRACTOR: HAMPTON TEDDER PHONE#: 909-306-8203

PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. 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

IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDITIONAL LIFTS THE LIFTS
WILL BE CONDUCTED REMAINING WITHIN THE APPROVED TIME PARAMETERS.

TYPE OF LIFTS: (3) POLES 10 LOADS HEAVIEST 2400 LBS COMPRESSOR LOAD: EXTL CL B TYPE OF

ITEM LIFTING: ☐ AERODYNAMIC ☒ NON- AERODYNAMIC MAX 2700 LBS

NO. OF LIFTS: 10 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
2-12-2020	SUNRISE	SUNSET	2-6-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
POLICE DEPARTMENT	661-272-2400	WATCH COMMANDER	WILL NOTIFY
FIRE DEPARTMENT	661-944-1260	DISPATCH	WILL NOTIFY

Evacuation

Crowd Control

Street Closure

☒ No Evacuated Structures

☒ Operator

☒ Yes ☐ No

☐ Evacuated Structures

☒ Contractor

☒ Contractor

☐ Operator



Part 135 GH 4A Part 133 GH 4L
NON Congested Area Plan

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
REMOTE NO EVACUATIONS	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	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.

PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. THE HELICOPTER WILL LAND AT THE LZ TO CONNECT THE LONGLINE AND CONDUCT A SAFETY TAILBOARD
2. WATER TRUCK IS REQUIRED AT THE LANDING ZONE
3. POLE AND EQUIPMENT WILL BE STAGED AT THE LANDING ZONE
4. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
5. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
6. RADIOS WILL BE PROVIDED TO EACH POLE SITE
7. DAVENPORT WILL EXPERIENCE INTERMITTENT CLOSURES
8. REMOTE NO EVACUATIONS
9. THE HELICOPTER WILL CONDUCT A LOW RECON FLIGHT PRIOR TO STARTING OPERATIONS. THE HELICOPTER WILL LAND AT THE LZ TO CONDUCT A SAFETY TAILBOARD AND WHEN THE CREW IS READY TO SET THE POLE DAVENPORT WILL BE CLOSED DOWN. ONE THE POLE IS SET AND THE OLD POLE IS REMOVED DAVENPORT WILL BE REOPENED. THE HELICOPTER WILL LAND AT THE LZ TO WAIT TO REMOVE TOOLS AND EQUIPMENT. AFTER REMOVAL OF THE TOOLS AND EQUIPMENT THE AIRCRAFT WILL DEPART THE AREA.
10. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





Jeffrey M. Jentura

2-3-2020
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



☐ 1	DATE RECEIVED	☐ 10	DATE (YR) 1st
☐ 2	DATE SHIPPED	☐ 11	DATE SHIPPED
☐ 3	DATE 1ST PAYMENT	☐ 12	DATE 1ST PAYMENT
☐ 4	DATE 2ND PAYMENT	☐ 13	DATE 2ND PAYMENT
☐ 5	DATE 3RD PAYMENT	☐ 14	DATE 3RD PAYMENT
☐ 6	DATE 4TH PAYMENT	☐ 15	DATE 4TH PAYMENT
☐ 7	DATE 5TH PAYMENT	☐ 16	DATE 5TH PAYMENT
☐ 8	DATE 6TH PAYMENT	☐ 17	DATE 6TH PAYMENT
☐ 9	DATE 7TH PAYMENT	☐ 18	DATE 7TH PAYMENT
☐ 10	DATE 8TH PAYMENT	☐ 19	DATE 8TH PAYMENT
☐ 11	DATE 9TH PAYMENT	☐ 20	DATE 9TH PAYMENT
☐ 12	DATE 10TH PAYMENT	☐ 21	DATE 10TH PAYMENT
☐ 13	DATE 11TH PAYMENT	☐ 22	DATE 11TH PAYMENT
☐ 14	DATE 12TH PAYMENT	☐ 23	DATE 12TH PAYMENT
☐ 15	DATE 13TH PAYMENT	☐ 24	DATE 13TH PAYMENT
☐ 16	DATE 14TH PAYMENT	☐ 25	DATE 14TH PAYMENT
☐ 17	DATE 15TH PAYMENT	☐ 26	DATE 15TH PAYMENT
☐ 18	DATE 16TH PAYMENT	☐ 27	DATE 16TH PAYMENT
☐ 19	DATE 17TH PAYMENT	☐ 28	DATE 17TH PAYMENT
☐ 20	DATE 18TH PAYMENT	☐ 29	DATE 18TH PAYMENT
☐ 21	DATE 19TH PAYMENT	☐ 30	DATE 19TH PAYMENT
☐ 22	DATE 20TH PAYMENT	☐ 31	DATE 20TH PAYMENT
☐ 23	DATE 21ST PAYMENT	☐ 32	DATE 21ST PAYMENT
☐ 24	DATE 22ND PAYMENT	☐ 33	DATE 22ND PAYMENT
☐ 25	DATE 23RD PAYMENT	☐ 34	DATE 23RD PAYMENT
☐ 26	DATE 24TH PAYMENT	☐ 35	DATE 24TH PAYMENT
☐ 27	DATE 25TH PAYMENT	☐ 36	DATE 25TH PAYMENT
☐ 28	DATE 26TH PAYMENT	☐ 37	DATE 26TH PAYMENT
☐ 29	DATE 27TH PAYMENT	☐ 38	DATE 27TH PAYMENT
☐ 30	DATE 28TH PAYMENT	☐ 39	DATE 28TH PAYMENT
☐ 31	DATE 29TH PAYMENT	☐ 40	DATE 29TH PAYMENT
☐ 32	DATE 30TH PAYMENT	☐ 41	DATE 30TH PAYMENT
☐ 33	DATE 31ST PAYMENT	☐ 42	DATE 31ST PAYMENT
☐ 34	DATE 32ND PAYMENT	☐ 43	DATE 32ND PAYMENT
☐ 35	DATE 33RD PAYMENT	☐ 44	DATE 33RD PAYMENT
☐ 36	DATE 34TH PAYMENT	☐ 45	DATE 34TH PAYMENT
☐ 37	DATE 35TH PAYMENT	☐ 46	DATE 35TH PAYMENT
☐ 38	DATE 36TH PAYMENT	☐ 47	DATE 36TH PAYMENT
☐ 39	DATE 37TH PAYMENT	☐ 48	DATE 37TH PAYMENT
☐ 40	DATE 38TH PAYMENT	☐ 49	DATE 38TH PAYMENT
☐ 41	DATE 39TH PAYMENT	☐ 50	DATE 39TH PAYMENT
☐ 42	DATE 40TH PAYMENT	☐ 51	DATE 40TH PAYMENT
☐ 43	DATE 41ST PAYMENT	☐ 52	DATE 41ST PAYMENT
☐ 44	DATE 42ND PAYMENT	☐ 53	DATE 42ND PAYMENT
☐ 45	DATE 43RD PAYMENT	☐ 54	DATE 43RD PAYMENT
☐ 46	DATE 44TH PAYMENT	☐ 55	DATE 44TH PAYMENT
☐ 47	DATE 45TH PAYMENT	☐ 56	DATE 45TH PAYMENT
☐ 48	DATE 46TH PAYMENT	☐ 57	DATE 46TH PAYMENT
☐ 49	DATE 47TH PAYMENT	☐ 58	DATE 47TH PAYMENT
☐ 50	DATE 48TH PAYMENT	☐ 59	DATE 48TH PAYMENT
☐ 51	DATE 49TH PAYMENT	☐ 60	DATE 49TH PAYMENT
☐ 52	DATE 50TH PAYMENT	☐ 61	DATE 50TH PAYMENT
☐ 53	DATE 51ST PAYMENT	☐ 62	DATE 51ST PAYMENT
☐ 54	DATE 52ND PAYMENT	☐ 63	DATE 52ND PAYMENT
☐ 55	DATE 53RD PAYMENT	☐ 64	DATE 53RD PAYMENT
☐ 56	DATE 54TH PAYMENT	☐ 65	DATE 54TH PAYMENT
☐ 57	DATE 55TH PAYMENT	☐ 66	DATE 55TH PAYMENT
☐ 58	DATE 56TH PAYMENT	☐ 67	DATE 56TH PAYMENT
☐ 59	DATE 57TH PAYMENT	☐ 68	DATE 57TH PAYMENT
☐ 60	DATE 58TH PAYMENT	☐ 69	DATE 58TH PAYMENT
☐ 61	DATE 59TH PAYMENT	☐ 70	DATE 59TH PAYMENT
☐ 62	DATE 60TH PAYMENT	☐ 71	DATE 60TH PAYMENT
☐ 63	DATE 61ST PAYMENT	☐ 72	DATE 61ST PAYMENT
☐ 64	DATE 62ND PAYMENT	☐ 73	DATE 62ND PAYMENT
☐ 65	DATE 63RD PAYMENT	☐ 74	DATE 63RD PAYMENT
☐ 66	DATE 64TH PAYMENT	☐ 75	DATE 64TH PAYMENT
☐ 67	DATE 65TH PAYMENT	☐ 76	DATE 65TH PAYMENT
☐ 68	DATE 66TH PAYMENT	☐ 7	

**FINAL DESIGN
APPROVED FOR CONSTRUCTION**