

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN 5-4-2020
- ☐ GHI CREW INTRODUCTION non-cap
- ☐ IS A TRANSLATOR REQUIRED 75cl, 1 Lightsteel 2000CBS
- ☐ WORK STOP AUTHORITY possible HEC
- ☐ DESIGNATE A 911 CALLER UH-1H and HEC if Required
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES TD 1519987
- ☐ 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 ☐ <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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SOUTHERN CALIFORNIA
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SCE Aircraft Operations Flight Request Form

Instructions: Please complete this form in its entirety and email to: aiops@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:*	HOTLINE CONSTRUCTION-ROBERT HARRISON
Department:*	TRANSMISSION
Pax:*	N/A
Cell Number:*	209-470-4591
Email Address:*	RHARRISON@HOTLINECONSTRUCTIONINC.COM

SAP Accounting Number*	TD1519987
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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 TRANSMISSION POLE 1704706E & 1704707E. (2) 75' LWS C1'S.

General Operating Location	VIA GAITERO & SAN MARCOS PASS RD (HWY 154)
District	49
LZ Coordinates (if known)	34.476975 -119.761520
Pick-up location for passenger flights	N/A
Drop-off location for passenger flights	N/A

Date(s) for which service is requested	11/25/2019
Time of Pick-up	0800
Approx. mission duration (if known)	0900-1400
Back-up date for mission (if known)	N/A

Authorizer	
Authorizer PAX and cell number	

**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 _____



GUARDIAN
HELICOPTERS, INC.

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 #: TD1461029 TD 1536485
ADDRESS: VIA GAITERO : SANTA BARBARA CA
LZ STAGING AREA LATITUDE 34°27'58.81"N LONGITUDE 119°45'58.46"W
1704706 E 1704707E LATITUDE 34°28'37.14"N LONGITUDE 119°45'41.45"W 75 CL 1 LWS 2000 LBS
CONTRACTOR'S NAME: ROBERT HARRISON PHONE#: 209-470-4591
CONTACT AT SITE; HOTLINE CONSTRUCTION PHONE #: 209-470-4591
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# N777GH 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: 75 FT CL 1 LIGHT WEIGHT STEEL

MAX SINGLE – LIFT WEIGHT: 2000 LBS CLASS OF LOAD: EXTERNAL

NO. OF LIFTS: 8 LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)

OPERATIONAL ALTITUDE: < 50 STREET CLOSING: XX (NO) (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
5-4-2020	SUNRISE	SUNSET	6-10-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA BARBARA SHERIFF	805-928-3781	WATCH COMMANDER	NOTIFY
SANTA BARBARA COUNTY FIRE	805-681-5518	STATION 18	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
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.

A TAILBOARD SAFETY MEETING WILL BE HELD AT THE ASSIGNED AREA PRIOR TO BEGINNING HELICOPTER OPERATIONS

1. HELICOPTER WILL LAND IN THE STAGING / FUEL AREA TAILBOARD WILL BE CONDUCTED A TAILBOARD SAFETY BRIEF AND HEC TRAINING IF REQUIRED
2. FUELING WILL ONLY BE CONDUCTED AT THE STAGING AREA
3. WATER TRUCK NOT REQUIRED
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. REMOTE NO EVACUATIONS
6. EQUIPMENT WILL BE STAGED AT THE LANDING ZONE
7. STREET WILL BE CLOSED INTERMITTENT WHILE SETTING POLE SEE DIAGRAM
8. CUSTOMER WILL ENSURE ANY TREE TRIMMING THAT IS NEEDED WILL BE CONDUCTED PRIOR TO OPERATIONS



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)	

4-22-2020

DATE OF SUBMISSION



COMPANY OFFICIAL / TITLE

TRANSFERS:

- 3- 653A 66KV (1704706E)
3- 653A 66KV (1704707E)

NOTES:

- BULLETIN 322 AREA
- CALFIRE THREAT LEVEL: TIER 3
- EAGLE ZONE
- HAND DIG REQUIRED
- HELICOPTER SET REQUIRED
- ADJUST POLE HEIGHTS ACCORDING TO GROUND LEVEL
- PRIOR TO CONSTRUCTION CONTACT SENIOR PATROLMAN FOR ACCESS
- INSTALL (2) SPANS OF FRC 4/OA (1,400')
- ALL FRC CONDUCTOR ORDERED ON STATION 2
- ATTACH FRC TO ONE OF THE TWO POLES IN EACH H-FRAME 14' BELOW THE LOWEST ARM
- IF BOTTOM 3 FEET OF LWS POLE IS COVERED WITH MASTIC, GROUND THIS LWS POLE PER T0723

N: 34.476975°
W: -119.761520°
881' ELEVATION

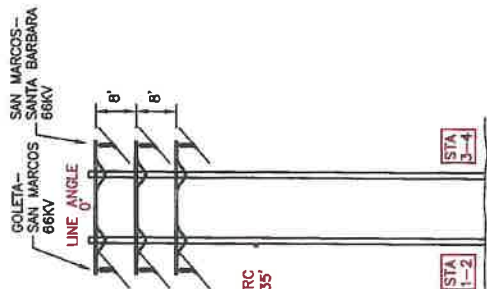
SET H-FRAME NORTH
IN DIRT
N: 1704706E(W)

IN: 1- P-75-LWS-C1-1
 IN: 1- PHD-843.66.2
 EI: 6- INS-S/D-PLY-66-1
 EI: 6- CC-SUS-653-ACSR
 EI: 1400- CO-D-4/O-AL-PEGN
 IN: 2- GR-LWS-BNO.DE
 IN: 1- GR-LWS-BUTT

RM: 1704706E (W)

RM: 1- P-70-WD-C2-1

INSTALL FRC
BRACKET • 35'



EXISTING & PROPOSED
1704706E (W)
1704707E (E)
L/N

ATT. FRC @ 35'
LWS 75' C1
EX: 4423077E

IN: 1- GR-LWS-BAD.DE

H-FRAME NORTH
RT
704707E(E)

UN: 1- P-75-LWS-C1-1
UN: 1- GR-LWS-BUTT

RM: 1704707E(E)

RM: 1-P-70-WD-C2-1

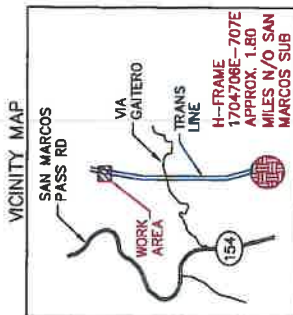
ATT. FRC @ 48'6"
LWS 90' C1
EX: 4539571E

N: 1- GR-LWS-BAD.DE

PROJECT REQUIREMENTS (Y/N)	
	PERSON EXPERIENCE REQUIRED (N)
NO CHANGE E4539572E	
NO CHANGE 880 2007	
NO CHANGE	PERSON ON PROGRAM (N)

WIND 8 LB GRADE "B"

NOT TO SCALE

[illegible]



