

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *7-24-2020*
- ☐ GHI CREW INTRODUCTION *145CR 1800 LBS*
- ☐ IS A TRANSLATOR REQUIRED *NON-CAP*
- ☐ WORK STOP AUTHORITY *Tailboard @ airport*
- ☐ DESIGNATE A 911 CALLER *TD 1679361*
- ☐ 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
67 D STREET
FILLMORE, CA 93015
Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: EDISON POLE REPLACEMENT WORK ORDER #: TD 1679361
ADDRESS: AVENUE 146 : PORTERVILLE CA
PORTERVILLE TAILBOARD LATITUDE 36° 1'46.07"N LONGITUDE 119° 3'38.45"W (TAILBOARD)
LZ LATITUDE 36° 6'28.28"N LONGITUDE 118°56'20.29"W (CONNECT LONGLINE)
POLE STAGING AREA LATITUDE 36° 3'46.79"N LONGITUDE 118°55'42.43"W
1399296E LATITUDE 36° 3'56.38"N LONGITUDE 118°55'41.26"W45 CL 2 1800 LBS

CONTRACTOR'S NAME: JEFF MILHOUS PHONE#: 925-237-6937
CONTRACTOR'S NAME: STUART RUSSELL PHONE#: 559-476-9264

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
6. CHRIS CURRIER CERT#: 3093383

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 407 N#: N447GH 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 POLE 45 CL 2, CARGO AND EQUIPMENT

MAX SINGLE – LIFT WEIGHT: 1800 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: TBD LONG LINE: _____ (NO) XXX (YES) LESS THEN 200 FT (LENGTH)

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

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
7-24-2020	SUNRISE	SUNSET	7-18-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PORTERVILLE POLICE DEPT	559-782-7400	DISPATCH	NOTIFY
DOYLE COLONY FIRE STATION	559-784-7628	STATION 20 TULARE	NOTIFY



GUARDIAN
HELICOPTERS, INC.

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

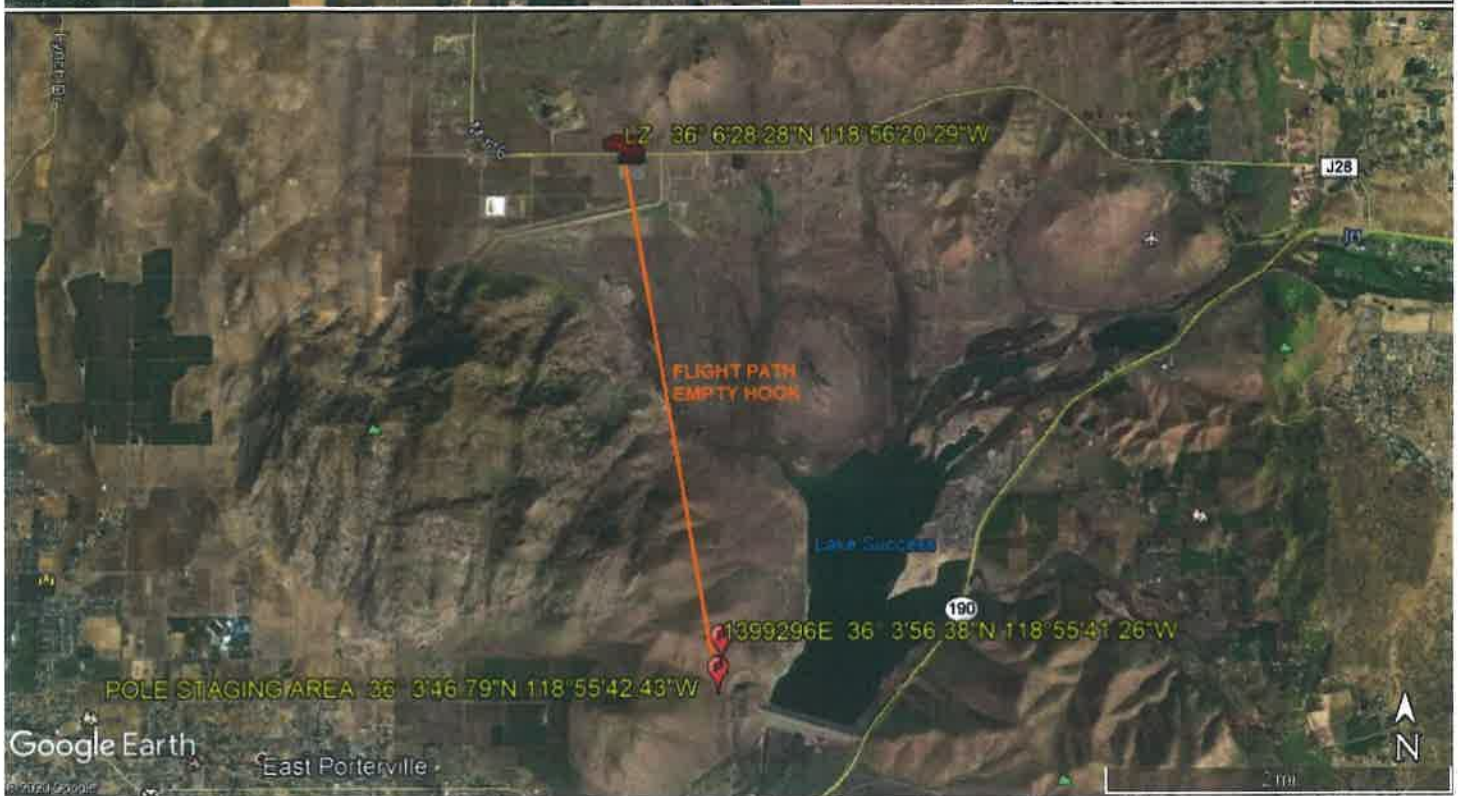
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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 AT PORTERVILLE AIRPORT TO CONDUCT A TAILBOARD SAFETY BRIEF.
2. THE HELICOPTER WILL FLY TO THE EDISON FACILITY OFF OF AVE 176 TO CONNECT THE LONGLINE
3. WATER TRUCK REQUIRED AT EDISON YARD
4. PILOT WILL FLY LOW RECON PRIOR TO OPERATIONS TO VERIFY CLEAR FLIGHT PATH TO POLE SITE
5. FUELING WILL ONLY BE CONDUCTED AT THE EDISON YARD
6. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
7. NO EVACUATION
8. NO STREET WILL EXPERIENCE INTERMITTENT CLOSURES
9. TREE TRIMMING MAYBE REQUIRED PRIOR TO OPERATIONS

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 :

Jeffrey M. Johnston

San Joaquin Region Helicopter Set Date 7/24/2020

#	Circuit	TD. #	Fly Date	Sta	Str. #	Pole Size	Weight	Elev	Coordinates	New pole staged here
1	Success 12kV	TD1679361	7/24/2020	1&2	1399296E	45' CL-2 wood	1800	910	36.065679 -118.928141	36.063016 -118.928446
2										
3										
4										
5										
6										
7										
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9										
10										
11										
12										
13										
14										

LZ : Porterville Airport **tailboard with the crews at 0700**

Town:

Porterville

GPS 36.029941 -119.059592

Elevation 425'

Hot Line Contacts

Stuart Russell (925)237-6937

srussell@hotlineconstructioninc.com

SCE PGS Contacts:

Jeff Milhous (559)476-9264

jeffrey.milhous@sce.com

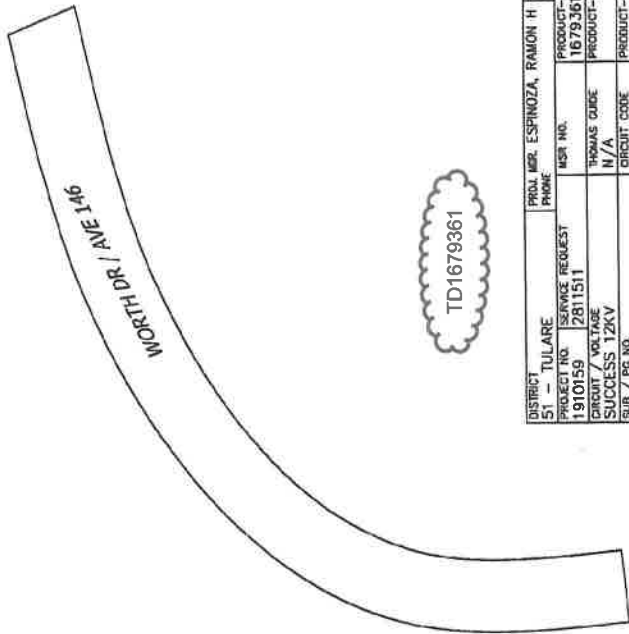
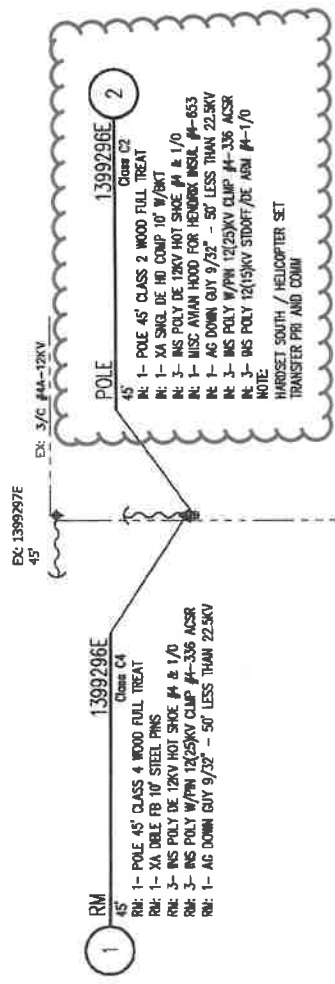
Notes:

Cell service (both AT&T & Verizon) at location is good

New pole staging area to pole set location is less than 1000'

PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☒
PERMITS REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE: TULARE COUNTY	
OUTAGE DATE: _____ TIME: _____	
OUTAGE REQUIRED	☒
TRAFFIC CONTROL REQUIRED	☒
PERMITS REQUIRED	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TUL) REQ'D	☒

DATE: Nov. 07/2016



DISTRICT	TULARE	PRG. MGR.	ESPINOZA, RAMON H	PLANNER	ESPINOZA, RAMON H	DESIGNER	ESPINOZA, RAMON H
SHEET NO.	1910159	ISSUANCE REQUEST	MSR NO.	1679361	PRODUCT-1	PRODUCT-2	PRODUCT-3
CIRCUIT / VOLTAGE	SUCCESS 12KV	THOMAS GUIDE	N/A		1679361-PREVENTIVE MAINT (INSP DRIVEN)		
SUB / PG NO.	PORTERVILLE A7	CIRCUIT CODE					
INVENTORY MAP	039-037	J.P.A. NO.	E8051-410739821				
PROPOSED CONSTRUCTION (LOCATION)							
REPLACE DET POLE / NOT#410579181							
XSTRT PP 040' S/FR. COR/O SEC 34/T 21S/ R 28							
PORTERVILLE CA 93274							
STR# 1399296E GPS: 36.065674, -118.928009							
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAY #	SHEET	DESIGN/ISSUE NO.
						1 of 1	1258132_0.01

Southern California Edison Company