

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: *Banning CA*

- ☐ SAFETY BRIEF SIGN IN *9-3-2020*
- ☐ GHI CREW INTRODUCTION *2-6-2020*
- ☐ IS A TRANSLATOR REQUIRED *day 1 Cargo only } NO HEC*
- ☐ WORK STOP AUTHORITY *day 2 Cargo pole*
- ☐ DESIGNATE A 911 CALLER *Non-cap*
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES *TD 1591176*
- ☐ 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

Note: By signing this document you acknowledge you understood all items briefed to you and that you are responsible for insuring all loose items are secured when working under a helicopter.

[illegible]

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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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:*	NICK STARK
Department:*	DIVERSIFIED UTILITY
Pax:*	00000
Cell Number:*	661 808-7455
Email Address:*	nicks@dusi1.com

SAP Accounting Number*	TD1591176 STUBBY 33KV
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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 NO | ☐ Photo | ☐ Need more info, please contact |

Mission specific details (ex: Passenger name, pole size/weight, external load type, etc):

R&R 1 DET POLE 78013S with new pole 4824469E 45' CL-3 wt: 1242 lbs Contact NICK STARK for PRE-CON mtg. . Need **HEC** for digging crew & equip (compressor 1100 lbs) 02/03. , also HEC for day of work 02/06/20

General Operating Location	Banning cyn rd , BANNING
District	REDLANDS 31
LZ Coordinates (if known)	N34 01 26.00 W116 53 24.15
Pick-up location for passenger flights	SAME
Drop-off location for passenger flights	N34.027317 W116.866411

Date(s) for which service is requested	FEB. 03, 06 2020
Time of Pick-up	0800
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	PAUL WILLIAMSON PGS SCE
Authorizer PAX and cell number	909 557-0086

**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 POLE REPLACEMENT WORK ORDER #: TD 1591176
ADDRESS BANNING CANYON ROAD : BANNING CA
LZ STAGING AREA LATITUDE 34° 1'25.83"N LONGITUDE 116°53'24.25"W
4824469E LATITUDE 34° 1'37.53"N LONGITUDE 116°51'59.48"W 45 CL 3 1300 LBS COMPRESSOR IS
1100 LBS

CONTACT AT SITE: NICK STARK PHONE#: 661-808-7455

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: (1) POLES LOAD: EXTL CL B TYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒ NON-
AERODYNAMIC MAX 1300 LBS (COMPRESSOR IS 1100 LBS)

NO. OF LIFTS: 6 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
2-3-2020 CARGO ONLY	SUNRISE	SUNSET	1-20-2020
2-6-2020 POLE CARGO	SUNRISE	SUNSET	1-23-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
BANNING POLICE DEPARTMENT	951-922-3170	WATCH COMMANDER	NOTIFY
BANNING FIRE DEPARTMENT	951-845-2791	STATION 35	NOTIFY

Evacuation

☒ No Evacuated Structures

☐ Evacuated Structures

Crowd Control

☒ Operator

☒ Contractor

Street Closure

☐ Yes ☒ No

☒ 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
NONE		
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.

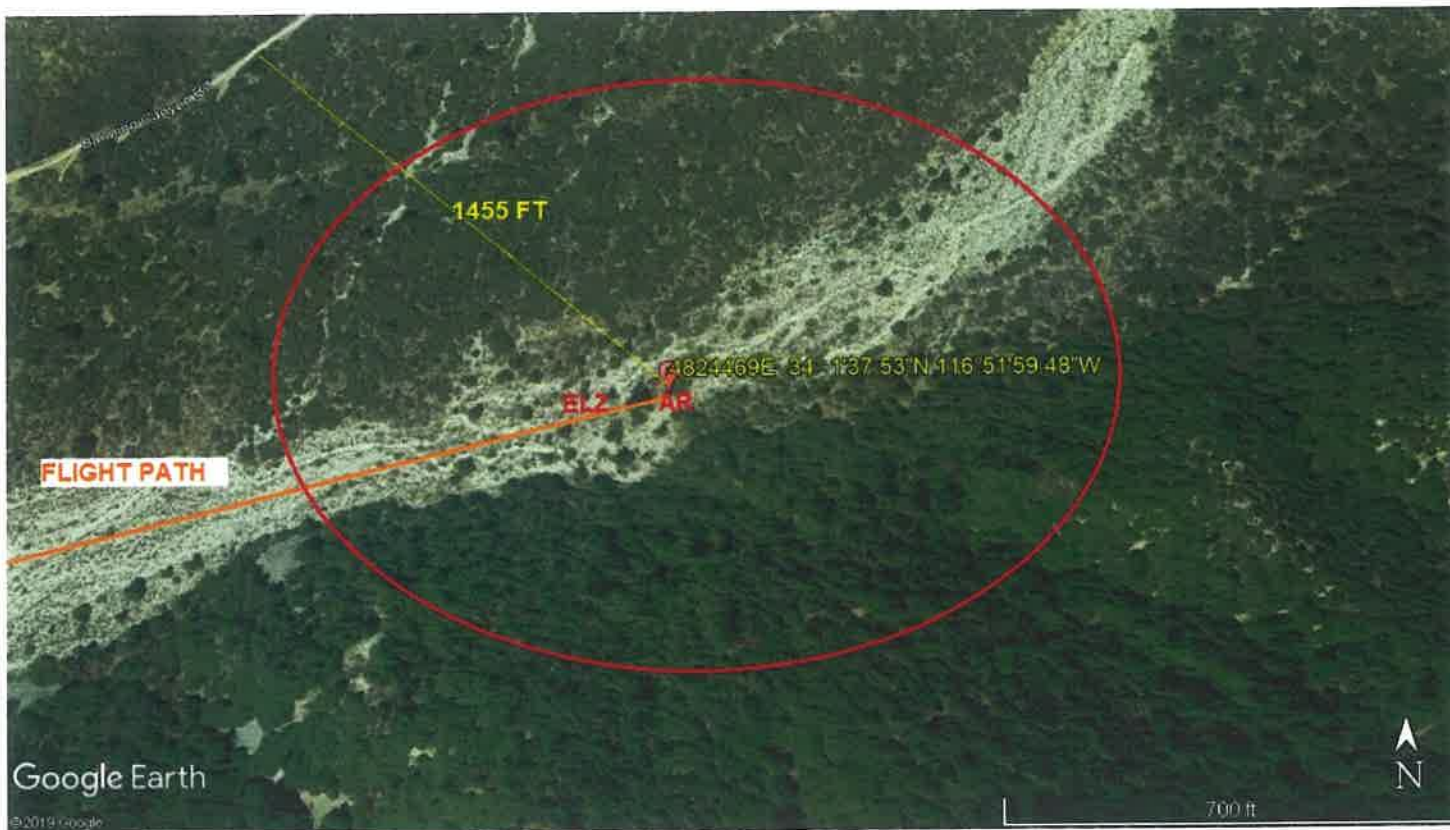
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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. HELICOPTER WILL LAND AT THE LZ TO CONNECT THE LONGLINE AND CONDUCT A SAFETY TAILBOARD
2. POLES WILL BE STAGED AT THE LZ.
3. WATER TRUCK REQUIRED AT 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. REMOTE AREA NO STREET CLOSURES
8. 2-3-2020 CARGO ONLY 2-6-2020 POLE SET AND CARGO .
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





1-20-2020

DATE OF SUBMISSION

Jeffrey M. Jentura

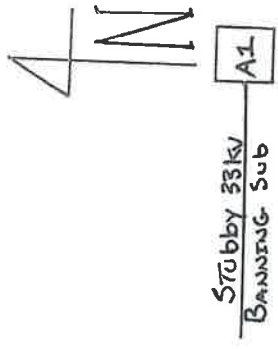
COMPANY OFFICIAL / TITLE

TD 1591176

CREW NOTES:
REPLACE PAST DUE DET POLE. Pole located 1/8 mile South
of Gunsite P.T. / Pump House. Access via Hike in Wash.
SET New Pole 3' N/W of Existing. Add New Anchor S/E
to GUY out of line TENSION.
TRANSFER POWER HOUS COMMUNICATION LINE.
NO TRUCK ACCESS
HELICOPTER SET

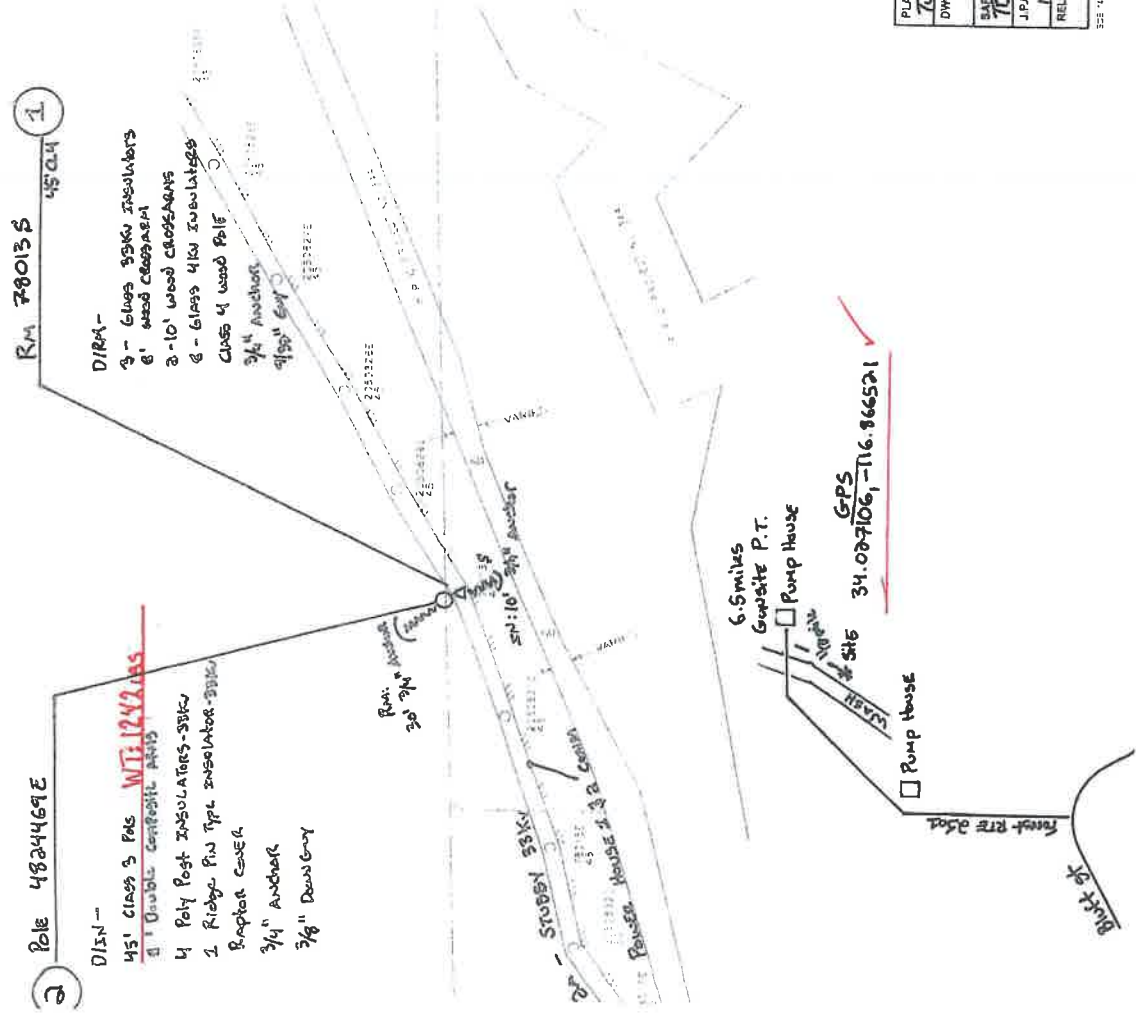
TIME SENSITIVE
11.30.19

ENVIRONMENTAL PACKAGE
MONITOR ☐
TRAINING ☐
NESTING/EAGLE ZONE ☐
PRE-CON SURVEY (ALLOW 2 WEEKS) ☒



NOTE 4097-05926 - Replace Damaged Pole - DUE 6/18/2019

PLANNER: DWO:	JOB NAME: OCTI - Replace DET Pole	FOREMAN:	DISTRICT: 31- REDLANDS
DATE NO.:	JOB LOCATION: BANNING CANYON = 34.027106, -116.366521	TRUCK:	DATE SENT TO RW:
J.P.A. NO.:	TLM-CSD 140 REQUIRED YES NO	DRAWN BY: TUCKER	INV. MAP NO. S
RELATED W.O.:	GRID NO. THOMAS MAP	PHONE NO.:	INV. MAP NO. S
	EXIST. PRI. VOLTAGE DROP		VERIFIED: (V)



STUBBY DET POLE 78013S
BANNING CYN

Legend
Feature 1



LZ: N34 01 26.00 W, 116 53 24.15

Google Earth