

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN
- ☐ GHI CREW INTRODUCTION
- ☐ IS A TRANSLATOR REQUIRED
- ☐ 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

[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	☐ 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.
	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	☐ In case of Non-Company ground crew: Rigging procedures must be briefed ☐ No cell phone/camera use during external loads ☐ Essential crew only

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:*	WAYNE RHODES
Department:*	
Pax:*	
Cell Number:*	209-401-6364
Email Address:*	wrhodes@hotlineconstructioninc.com

SAP Accounting Number*	TD1493617
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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):

REPLACING OCI POLE 807613E 45FT CL2 WOOD

34 32 16.63N X 119 51 28.20W

General Operating Location	294 STAGE COACH RD. SANTA BARBARA
District	49 SANTA BARBARA
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	6-25-19 OCI POLE ADD TO JOB TD1493617 (GUARDIAN HELICOPTERS)
Time of Pick-up	
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	WAYNE RHODES
Authorizer PAX and cell number	209-401-6364

**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 _____



A1

CACHUMA 16KV
CODE: 02990

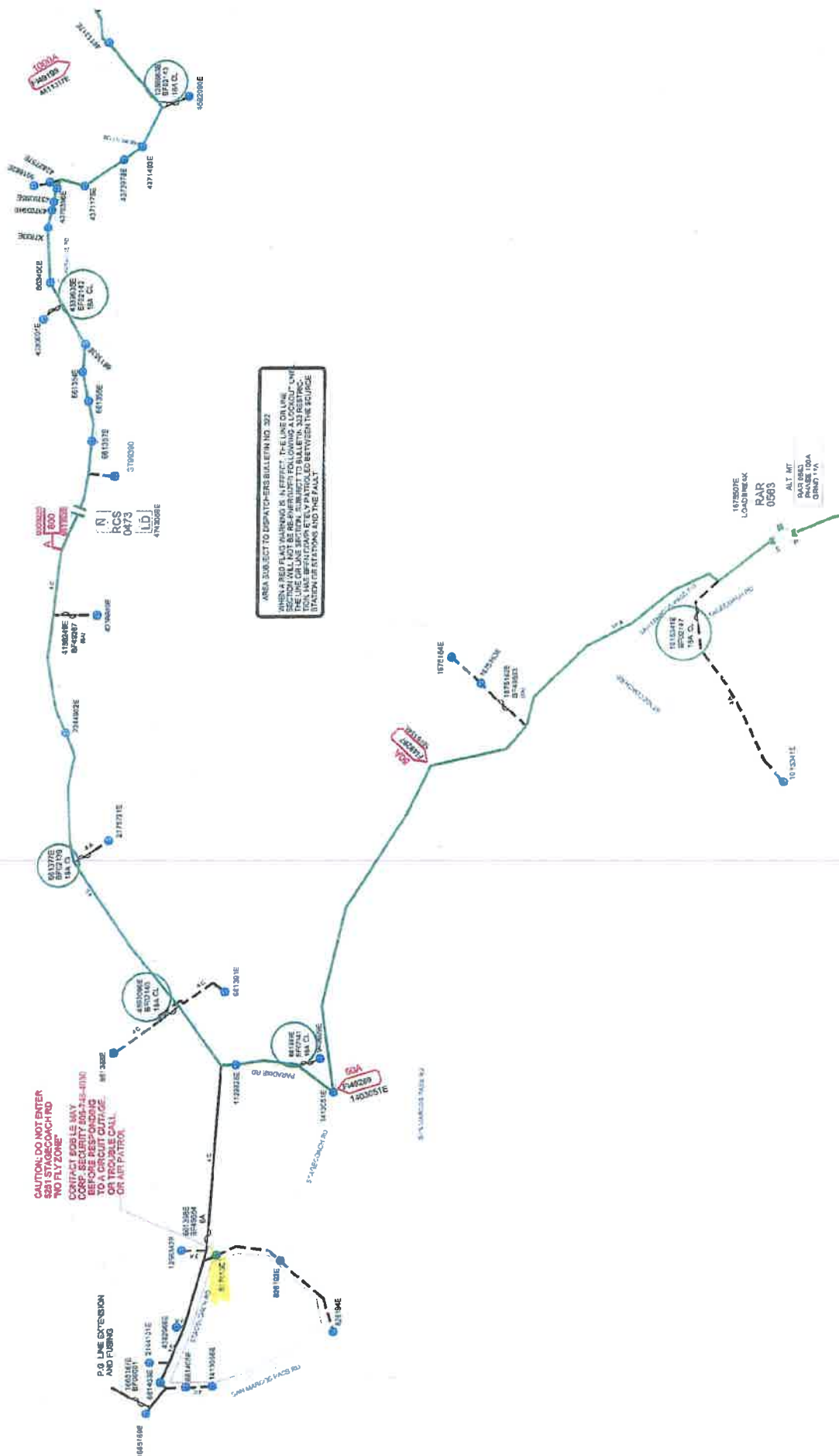
VEGAS SUB' (E2)
CODE: 0570

SCALE: 1000

On On On

B2
SYSTEM: COLETA
PRIORITY NOTIFICATION:
FAULT INDICATORS ON
LOOP STATIONS:
AUTOMATIC SW. GEAR
NETCOMM EQUIPMENT:

FORMER NAME	DATE
D. WALKER	12-05-98
HARRIS	12-05-98
STANLEY	98
BOYD	98





SOUTHERN CALIFORNIA
EDISON

An EDISON INTERNATIONAL Company

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Requestor Information

Flight requested by:*	WAYNE RHODES
Department:*	CONSTRUCTION
Pax:*	
Cell Number:*	209-401-6364
Email Address:*	wrhodes@hotlineconstructioninc.com

SAP Accounting Number*	TD1485969
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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):

REPLACING 661397E 40FT CL1

General Operating Location	290 STAGE COACH, SANTA BARBARA
District	49 SANTA BARBARA
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	MONTH OF JUNE
Time of Pick-up	
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	WAYNE RHODES
Authorizer PAX and cell number	209-401-6364

**required information*

[Click to e-mail form](#)

For office use only

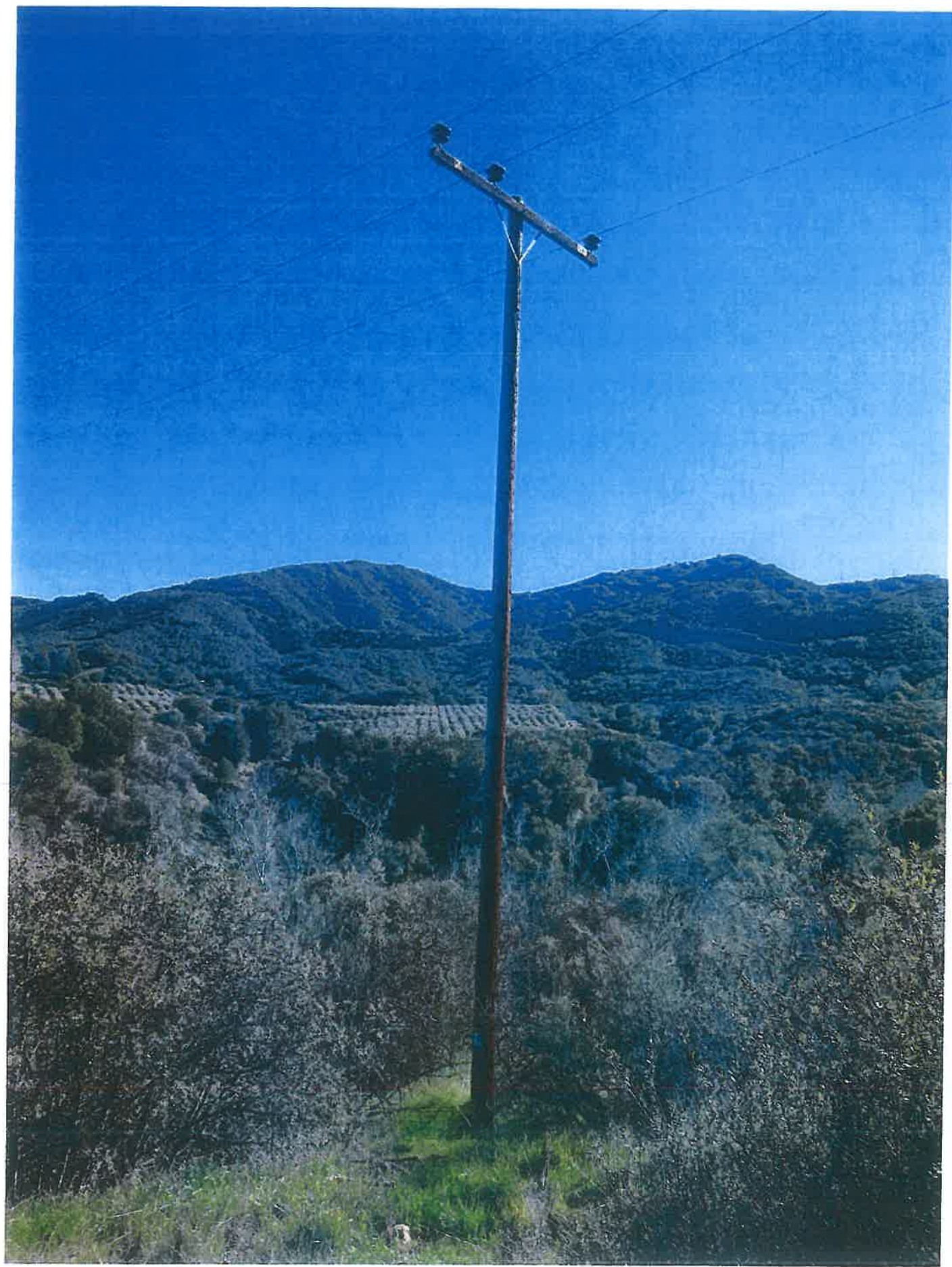
Date Received by Aircraft Operations: _____ Date Initial Contact Made: _____

Referred to contractor: ☐ No ☐ Yes, Date: _____ Company: _____

Follow up status: ☐ Week 1 _____

☐ Week 2 _____

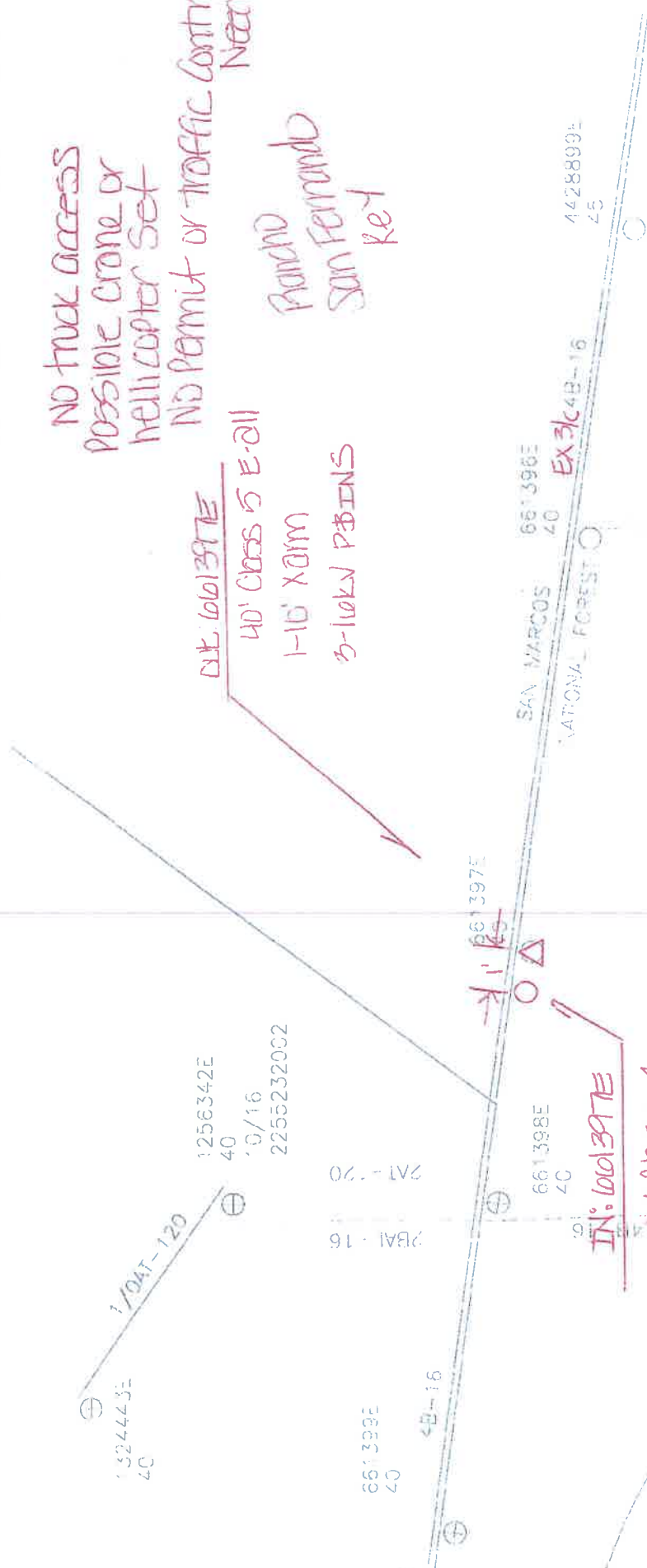
☐ Week 3 _____



NO TRUCK ACCESS
POSSIBLE CRANE OR
HELICOPTER SET
NO PERMIT OR TRAFFIC CONTROL
NEEDLE

Planchado
San Ferrando
Key

40' Class 5 E-211
1-10' X 20m
3-10' X 10' PINS



PROJECT REQUIREMENTS (Y/N)

EDSW EASEMENT REQUIRED	☒
PMRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE: N/A	
OUTAGE REQUIRED	☒
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	☒
PEL TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TLM) REQ'D	☒

TD # 14859109
COLUMBIA 100% VEGAS SUB E2

PLANNER: SN	JOB NAME: SDE-DCI	FOREMAN:	DISTRICT: 49-SB
DWO:	JOB LOCATION: 2000 BUK STAGE ROAD	TRUCK P/E:	DATE SENT TO ROW: 24-49
A.I. NO.:	TLM CSD 140 REQUIRED: NO	DRAWN BY: SN	INV. MAP NO. S
J.P.A. NO.:	GRID NO. THOMAS MAP	WORKED BY:	INV. MAP NO. S
RELATED W.D.:	T.L.M. DATA: SIZE KVA CUST. LOAD %	EXIST. PROP. VOLTAGE DROP %	VERIFIED: (1)
			DECAL 30



SCE Aircraft Operations Flight Request Form

Requestor Information

SAP Accounting Number*	TD1486095
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Flight Description

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

□ Week 3

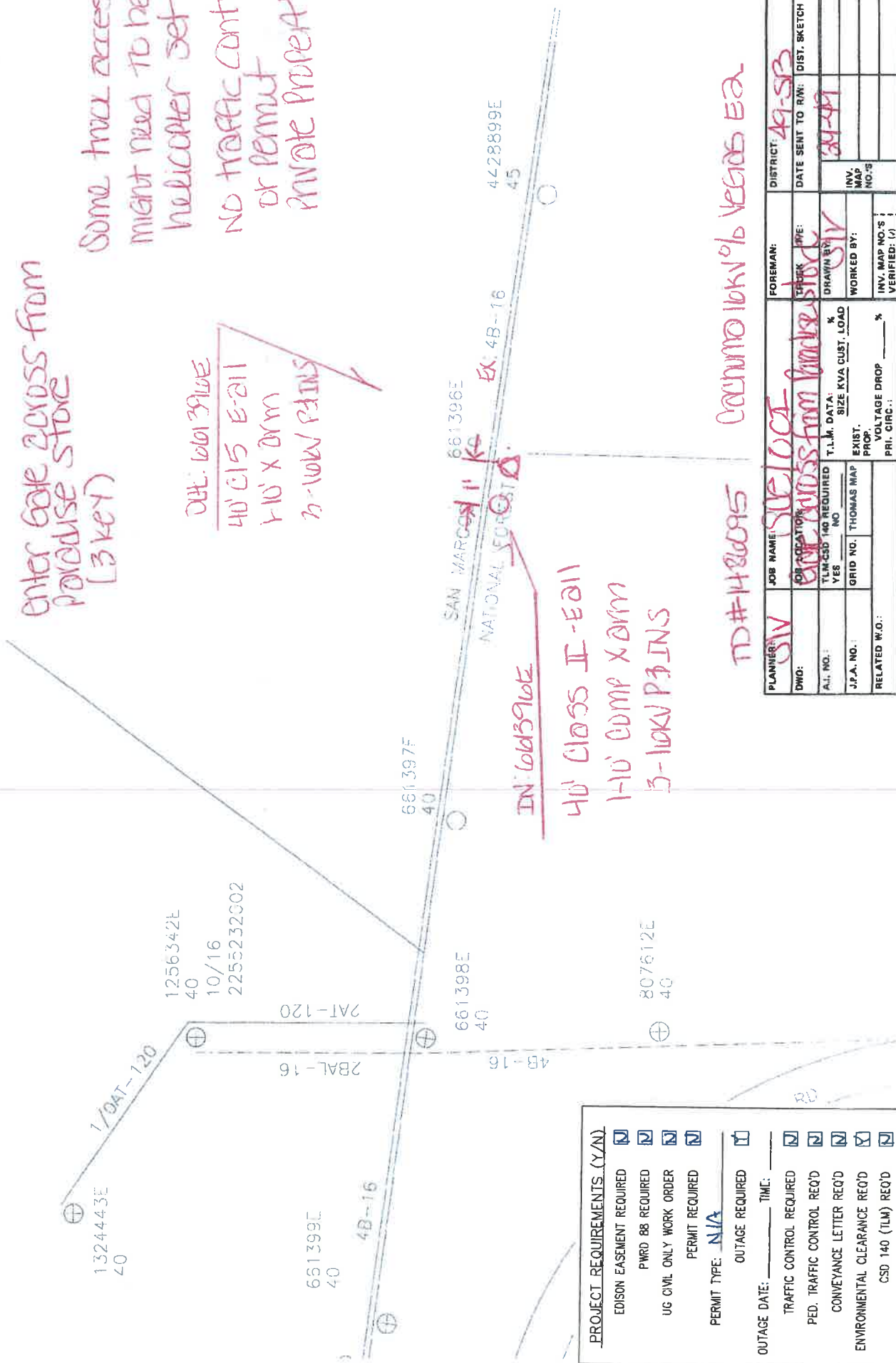
enter gate across from
paradise store
(3 key)

Some truck access
might need to be
helicopter set.
NO traffic Contr
or permit
PRIVATE PROPERTY

OUT. 6613910E
40' C15 E-211
1-10' X 20m
3-10KV PAINS

40' CLASS II-E211
1-10' CUMP X 20m
3-10KV PAINS

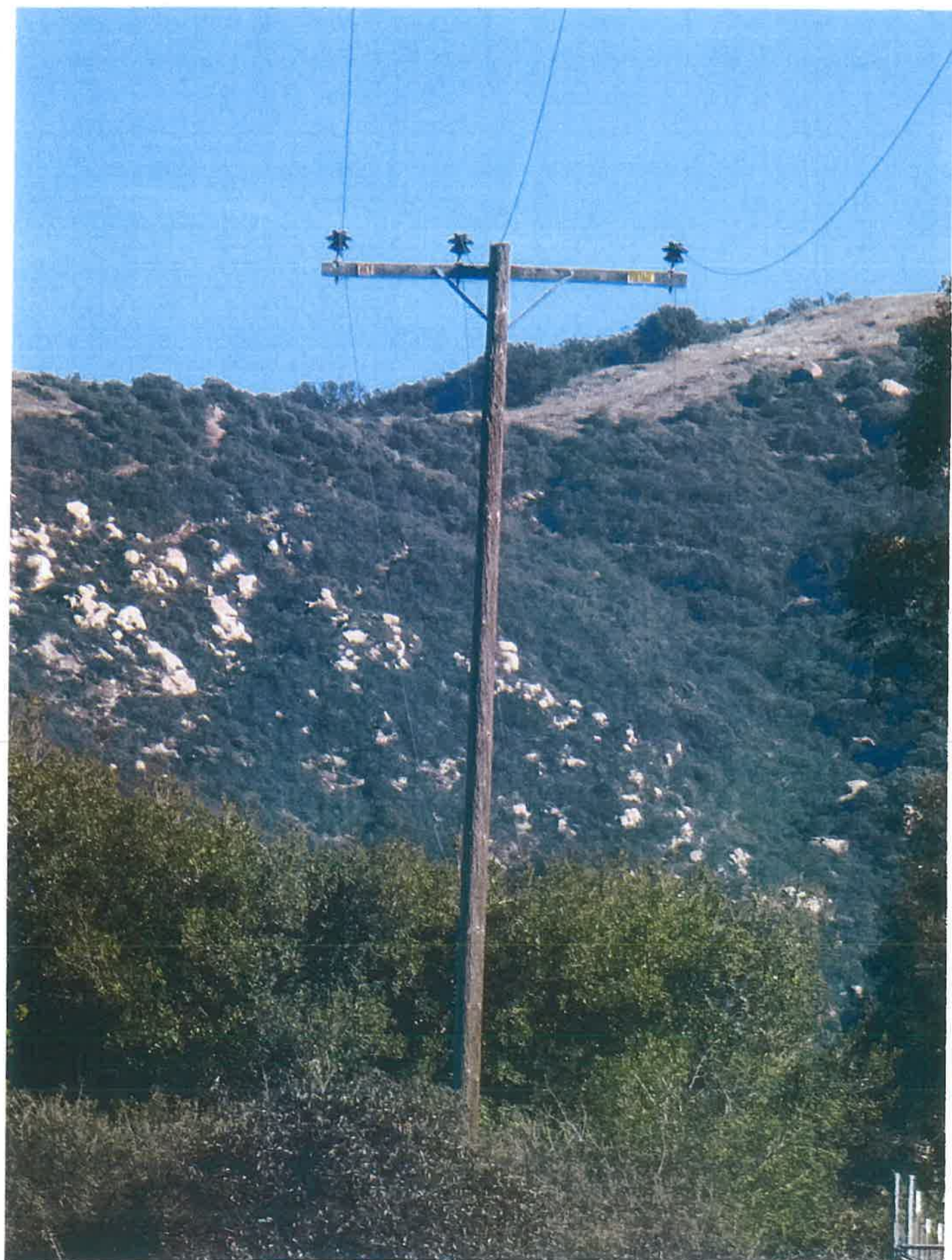
TD#1480095
CACHINO 10KV% VEGIES EA



PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED	☒
PWRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TLM) REQ'D	☒

PLANNER: SIV	JOB NAME: SUELOOT	FOREMAN:	DISTRICT: 49-SB
DWD:	DATE SENT TO RAN: 3-4-99	DATE SENT TO RAN:	DIST. SKETCH #
AL. NO.:	YES	DRAWN BY: SIV	INV. NO.:
J.P.A. NO.:	GRID NO. THOMAS MAP	WORKED BY:	INV. NO.:
RELATED W.O.:	VOLTAGE DROP: _____ %	INV. MAP NO.:	VERIFIED: ()







SECTION 7

Part 135 GH 4A Part 133 GH 4L

NON-Congested Area Plan

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406
Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: EDISON POLE REPLACEMENT WORK ORDER #: TD1485969 TD 1486095 TD 1493617

ADDRESS: 290 STAGECOACH RD : SANTA BARBARA CA

LZ STAGING AREA LATITUDE 34°32'26.02"N LONGITUDE 119°51'31.47"W ELEV: 950 FT

661396E LATITUDE 34°32'21.36"N LONGITUDE 119°51'25.09"W ELEV: 900 FT 45 CL 2

807613E LATITUDE 34°32'19.25"N LONGITUDE 119°51'27.09"W ELEV: 910 FT 40 CL 1

661397E LATITUDE 34°32'20.04"N LONGITUDE 119°51'20.71"W ELEV: 920 FT 40 CL 2

CONTRACTOR'S NAME: HOTLINE CONSTRUCTION PHONE#: 2096-401-6364

CONTACT AT SITE: WAYNE RHODES PHONE #: 209-401-6364

PILOT'S NAME(S):

PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT#: 33018828

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

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: (3) POLES AND EQUIPEMENT

MAX SINGLE – LIFT WEIGHT: 1800 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
6-25-2019	SUNRISE	SUNSET	5-10-2019
CROWD CONTROL			
OWNER:	XXX	CONTRACTOR:	XXX
OPERATOR:	XXX	SECURITY:	
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)

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406
Phone (818) 442-9904
FAX (818) 442-9901

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	VACANT DURING OPS	HAND DELIVER

OFFICIAL'S NAME: JEFFREY TEUBNER

PHONE #: 818-442-9904



NON- Congested Area Plan (Continued)

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406

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
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. EQUIPMENT WILL BE STAGED AT THE LANDING ZONE
7. STREET WILL BE CLOSED INTERMITTENT WHILE SETTING POLE SEE DIAGRAM

6-21-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



GUARDIAN
HELICOPTERS, INC.

**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 :

Jeffrey M. Jantzen