

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:

- ☐ 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

6-10-2019 OH-1H
Holister Compressor movement
6-13-2019
Poles / equipment / Compressor
PT conception / Holister
TD 1223877 TD 1274774

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 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



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 #: TD1223877 TD 1274774
ADDRESS: PT CONCEPCION AND HOLISTER RANCH : GAVIOTA CA
LZ STAGING AREA LATITUDE 34°27'47.02"N LONGITUDE 120°20'5.93"W
POLE 708540E LATITUDE 34°28'8.80"N LONGITUDE 120°20'11.27"W
LZ LATITUDE 34°27'5.50"N LONGITUDE 120°27'28.99"W
POLE 712199E LATITUDE 34°27'21.53"N LONGITUDE 120°27'48.07"W
POLE 712196E LATITUDE 34°27'13.54"N LONGITUDE 120°27'56.75"W
CONTRACTOR'S NAME: HOT LINE CONSTRUCTION PHONE#: 209-401-6364
CONTACT AT SITE: WAYNE RHODES PHONE #: 209-401-6364
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: COMPRESSOR POLES AND EQUIPMENT

MAX SINGLE – LIFT WEIGHT: 2500 LBS CLASS OF LOAD: EXTERNAL CL B

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

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: XX (N0) (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-10-2019 HOLISTER ONLY (1) COMPRESSOR	SUNRISE	SUNSET	6-5-2019
6-13-2019	SUNRISE	SUSNET	6-5-2019
CROWD CONTROL			
OWNER:	XXX	CONTRACTOR:	XXX
OPERATOR:	XXX	SECURITY:	
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA BARBARA SHERIFF	805-686-8150	BUELTON	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:

BUILDING DESCRIPTION/ADDRESS	OWNER(S):	PHONE #:
N/A	N/A	N/A
N/A	N/A	N/A

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 TAIL BOARD SAFETY MEETING WILL BE HELD AT BOTH THE STAGING AREAS PRIOR TO HELICOPTER OPERATIONS

- 1. HELICOPTER WILL LAND AT THE AT THE LZ STAGING AREA TO CONNECT LONG LINE AND TAILBOARD. THE POLE WILL FRAMED NEAR THE LZ STAGING AREAS**
- 2. FUELING WILL ONLY BE CONDUCTED AT THE HOLISTER STAGING AREA**
- 3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH**
- 4. REMOTE AREA OPERATING AREA. NO EVACUATIONS**
- 5. PROVIDE WATER TRUCK FOR HOLISTER LZ STAGING AREA**
- 6. NO STREET CLOSURES**

6-5-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



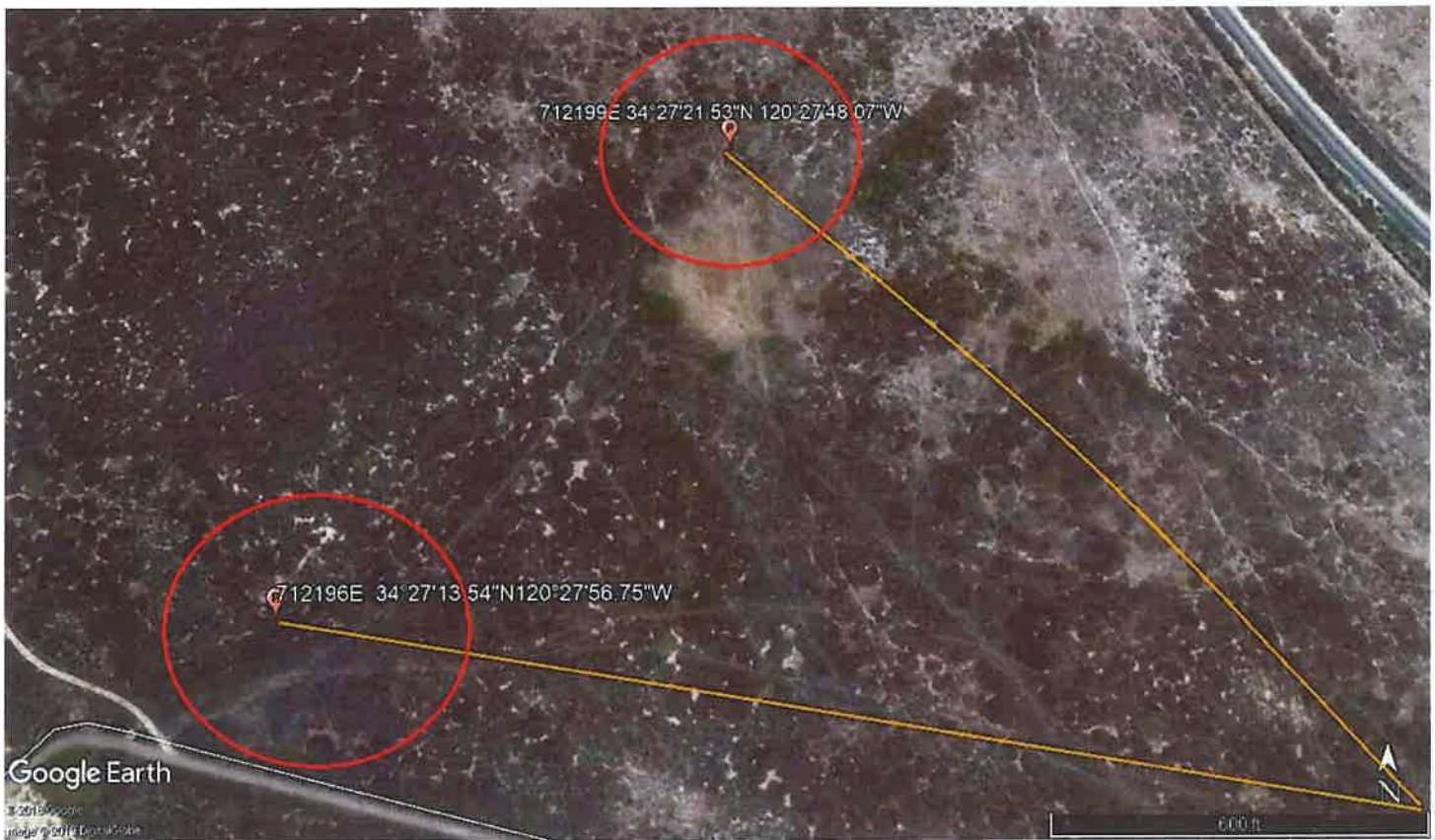
GUARDIAN
HELICOPTERS, INC.

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. Jentura

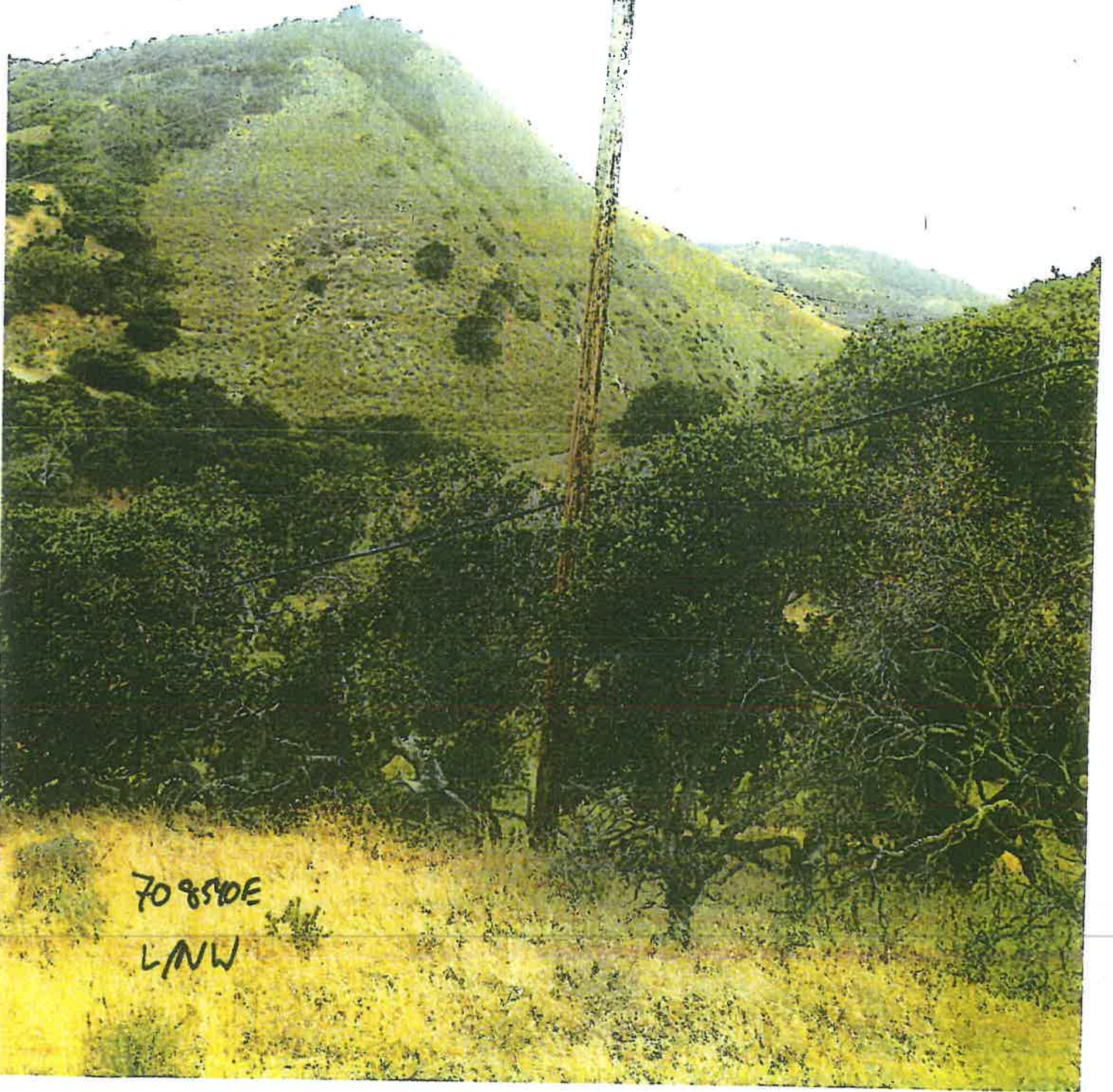


SCE Aircraft Operations Flight Request Form

□ Week 3

07.03.2017

70850E
L/NW





SOUTHERN CALIFORNIA
EDISON[®]

An EDISON INTERNATIONAL[®] Company

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

SAP Accounting Number*	TD1223877
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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 POLES 712196E 45FT CL4 712199E 40FT CL4

34 27 21.58N / 120 27 4813W 34 27 13.81N / 120 27 56.87W

General Operating Location	COJO BAY RD. (POINT CONCEPCION GAVIOTA) NEAR LIGHT HOUSE
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 MAY
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 _____

ENVIRO POLE - OPEN WEEDY
BULLETIN 322 AREA
EAGLE ZONE
HARD ACCESS: LOCKED GATE
TRUCK ACCESS
SET 1' EAST
CUSTOMER CONTACT - RANCH
COATAL COMMISSION

3
 RM
 45'
 7/21/96E
 Class C4
 RM: 1- POLE 45' CLASS 4 WOOD FULL TREAT
 RM: 1- XA SINGL VB 10' STEEL PINS
 RM: 3- INS GLASS & PIN 16KV

N 34° 27' 21.58"
W 120° 27' 48.13"
ELEVATION 129'

4	POLE	ELEVATION 123	712196E
			Class C4
45'			
	IN: 1- POLE 45' CLASS 4 WOOD FULL TREAT		
	IN: 1- XA INSL FB 10' STEEL PINS		
	IN: 3- XA INSL W/PIN 16KV CLAMP #6-4/0 CU		
	IN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-6		



NOT TO SCALE



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PROJECT REQUIREMENTS (Y/N)		
EXISTING EASEMENT REQUIRED	☐	☐
PWR 88 REQUIRED	☐	☐
PERMIT REQUIRED	☒	☐
PERMIT TYPE: COASTAL COMMISSION		☐
OUTAGE DATE: _____	TIME: _____	
TRAFFIC CONTROL REQUIRED	☐	☐
RED. TRAFFIC CONTROL REQ'D	☐	☐
CONFORMANCE LETTER REQ'D	☐	☐
ENVIRONMENTAL CLEARANCE REQ'D	☒	☐
CSO 140 (TUM) REQ'D	☐	☐

DISC'T	PROJ. MGR. PARK, J.J. YOUNG	PLANNER ASP	DESIGNER ASP
49 - SANTA BARBARA	PHONE 909-272-8350	PHONE 714-893-2405	
PROJECT NO. SERVICE REQUEST	MSR NO.	PRODUCT-1	
1366127 2282484		12238177-INFRA REPLAC - DET POLE REPLACEMENT	
ORIG. / VOL. TAG	THOMAS GUIDE	PRODUCT-2	
CONCEPCION 16KV			
SUB / PR NO.	CIRCUIT CODE	PRODUCT-3	
GAVOTA SUB			
INVENTORY MAP 19-16	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	
		712196E	
		COLO BAY RD 1060' W 3.68 MI S/O JAMALA BEACH RD	
		CONCEPCION, CA	
TYPE	DATE	APPROVED BY	CHECKED BY
			ASP
		DRAWN BY	PAX #
		SHEET	DESIGN/DRAWING NO.
			887631 001
Southern California Edison Company			

0000 0000 0000 0000



712196E



ENVIRO POLE - OPEN WEEDY
 BULLETIN 322 AREA
 EAGLE ZONE
 HARD ACCESS: LOCKED GATE
 TRUCK ACCESS
 SET 1' EAST
 COATAL COMMISSION

RM	40'	712199E
1	RM: 1- POLE 40' CLASS 5 WOOD FULL TREAT RM: 1- YA SNGL V8 10' STEEL PINS RM: 3- INS GLASS & PIN 18KV RM: 1- MISC RAPTOR GUARD TWO-PIECE	Class C5

N 34° 27' 13.81"
W 120° 27' 56.87"
ELEVATION 135'
POLE 712199E
Class C4
40'
2
IN: 1- POLE 40' CLASS 4 WOOD FULL TREAT
IN: 1- YA SWGL FB 10" STEEL PINS
IN: 3- INS POLY W/PIN 16KV CLAMP #6-4/0 CU
IN: 1- MISC ALUM HOOD FOR HENDRIX INSUL #4-653



NOT TO SCALE



**SOUTHERN CALIFORNIA
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PROJECT REQUIREMENTS (Y/N)	
EROSION ESTIMATE REQUIRED	☐
PMID OR REQUIRED	☐
PERMIT REQUIRED	☒
PERMIT TYPE: COASTAL COMMISSION	
OUTAGE REQUIRED	☐
OUTAGE DATE:	TIME:
TRAFFIC CONTROL REQUIRED	☐
RED. TRAFFIC CONTROL REQ'D	☐
CONFORMANCE LETTER REQ'D	☐
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSO 140 (LW) REQ'D	☐

[illegible]

PROPOSED
L/N
7/21/98E



712199E