

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

Hemit / Perris 6/14/2019

(3) poles Largest 55 c1 2050 LBS

6800 AM TD 1535007 TD 153471

1200 PM TD 1536732

Uth-H

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

Tailboard & Helicopter Safety Briefing

Pilot:

Support Crew:

Location:

Mission:

Aircraft:

DATE _____

PRINT NAME

SIGNATURE

COMPANY

[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 #: TD 1535007 TD 1534741 TD 1536732
ADDRESS: HEMET PERRIS : HEMET CA

0800 TAILBOARD

LZ STAGING AREA LATITUDE 33°38'40.60"N LONGITUDE 116°56'28.72"W
POLE 2178375E LATITUDE 33°38'52.63"N LONGITUDE 116°56'14.18"W
POLE STAGING AREA LATITUDE 33°42'5.75"N LONGITUDE 116°58'10.99"W
POLE 222688S LATITUDE 33°41'40.88"N LONGITUDE 116°56'39.43"W

1200 TAILBOARD

LZ STAGING AREA LATITUDE 33°47'47.57"N LONGITUDE 117°18'3.66"W
POLE 2090580E LATITUDE 33°47'38.52"N LONGITUDE 117°17'46.34"W

SEE ATTACHED FOR POLE LOCATIONS

FOR ALL MEDIVAC HAVE THE EMERGENCY RESPONSE VEHICLE MEET AT KERNVILLE AIRPORT FOR TRANSPORTATION.

CONTRACTOR'S NAME: MICHAEL BROWN PHONE#: 714-514-6518
MICHAEL ELARDO PHONE# 951-595-5270

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 205A1 N# N216GH A/C CATEGORY: STANDARD
BELL 407 N# N407GH 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 ↓ 3 ↑ POLES MAX SINGLE LIFT WEIGHT: 2500 LBS CLASS OF LOAD: EXT CL B

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
6-14-2019	SUNRISE	SUNSET	6-6-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
RIVERSIDE COUNTY	951-244-5804	STATION 60	NOTIFY
HEMET POLICE DEPARTMENT	951-765-2400	DISPATCH	NOTIFY



Part 135 GH 4A Part 133 GH 4L
NON- Congested Area Plan (Continued)

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.

TAIL BOARD SAFETY MEETING WILL BE HELD AT A BOTH LANDING ZONES PRIOR TO HELICOPTER OPERATIONS.

1. HELICOPTER WILL LAND STAGE FOR TAILBOARD AND CONNECTING LONGLINE
2. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
3. REMOTE AREA NO HOME EVACUATION REQUIRED
4. SEE DIAGRAM FOR STREET CLOSURE REQUIREMENTS
5. WATER TRUCK WILL BE REQUIRED AT BOTH LANDING ZONES.

6-12-2019

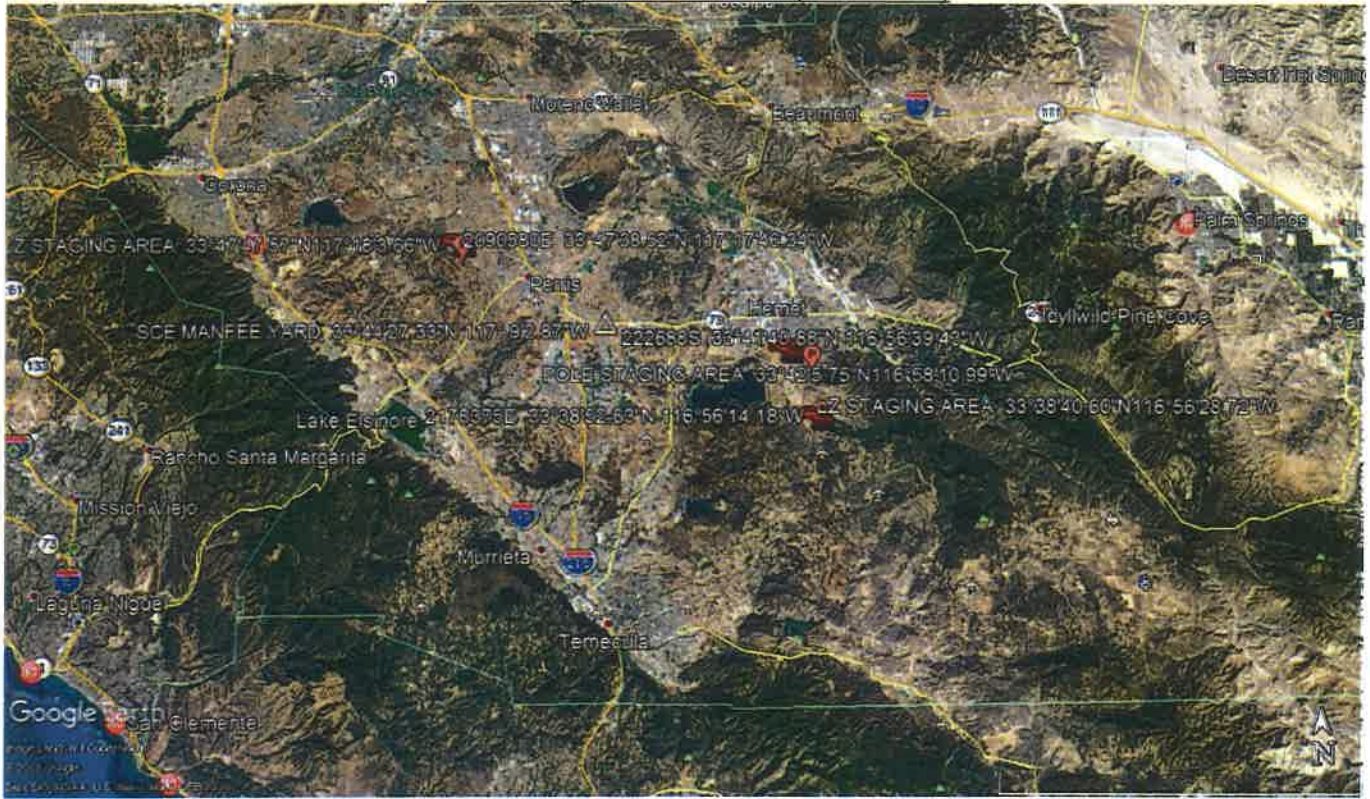
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE



GUARDIAN
HELICOPTERS, INC.

Part 135 GH 4A Part 133 GH 4L
NON- Congested Area Plan (Continued)

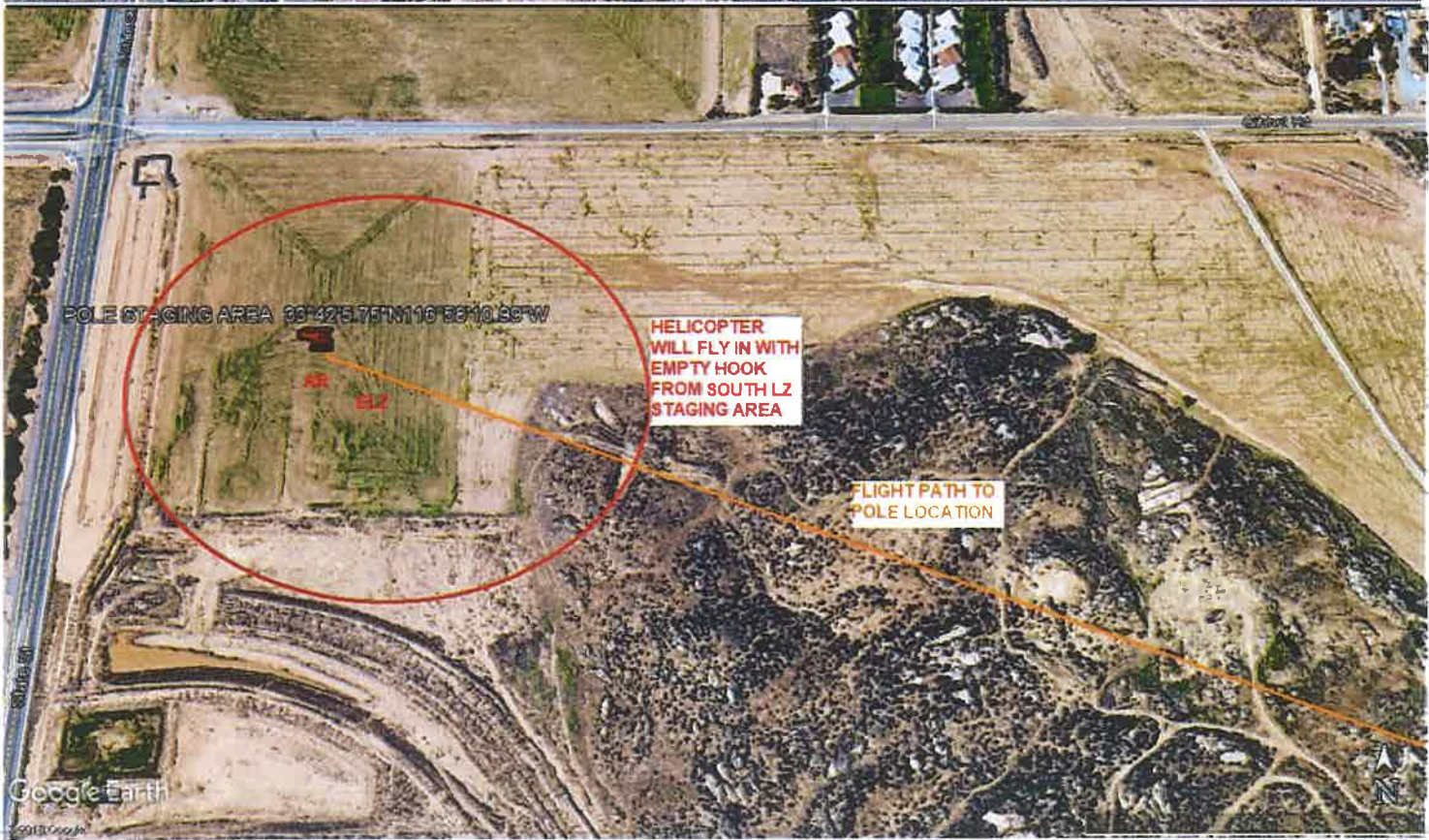


MORNING 0800 TAILBOARD





NORTH POLE







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. Johnson



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:*	MICHAEL BROWN
Department:*	T&D
Pax:*	NA
Cell Number:*	(714)514-6518
Email Address:*	MICHAEL.BROWN@SCE.COM

SAP Accounting Number*	TD1535007 & TD1534741
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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):

EOI Poles, 2 locations for Menifee S/C. Location 1 (33°41'40.37" 116°56'39.45") 55' C1/ 2,020 lbs approximate weight. Location 2 (33°38'52.60" 116°56'14.17") 45' C4/ 980 lbs approximate weight.

General Operating Location	HEMET, CA
District	Menifee (77)
LZ Coordinates (if known)	N/A
Pick-up location for passenger flights	NA
Drop-off location for passenger flights	NA

Date(s) for which service is requested	06/14/19
Time of Pick-up	0900
Approx. mission duration (if known)	8 hrs
Back-up date for mission (if known)	EOI notification due date 6/18/19

Authorizer	Greg Last
Authorizer PAX and cell number	(951) 505-2887

**required information*

[Click to e-mail form](#)

For office use only

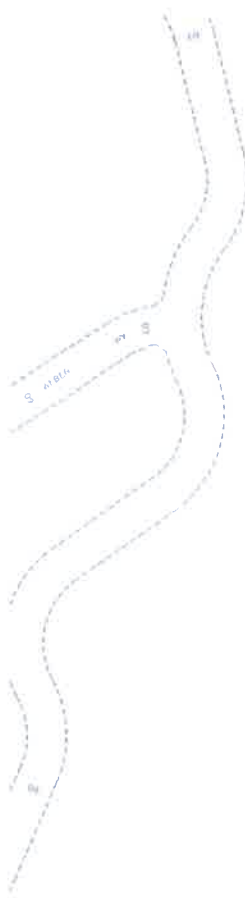
Date Received by Aircraft Operations: _____ Date Initial Contact Made: _____

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

Follow up status: ☐ Week 1 _____

☐ Week 2 _____

☐ Week 3 _____



IN: 2009A-12
IN: 45' CA WD POLE
IN: 1-10' TAN COMP XA SGL
IN: 2 PIN & INS #4

RM: 2178375E
RM: 40' CS
RM: 1-10' FB WD SGL XA
RM: 2-PIN & INS

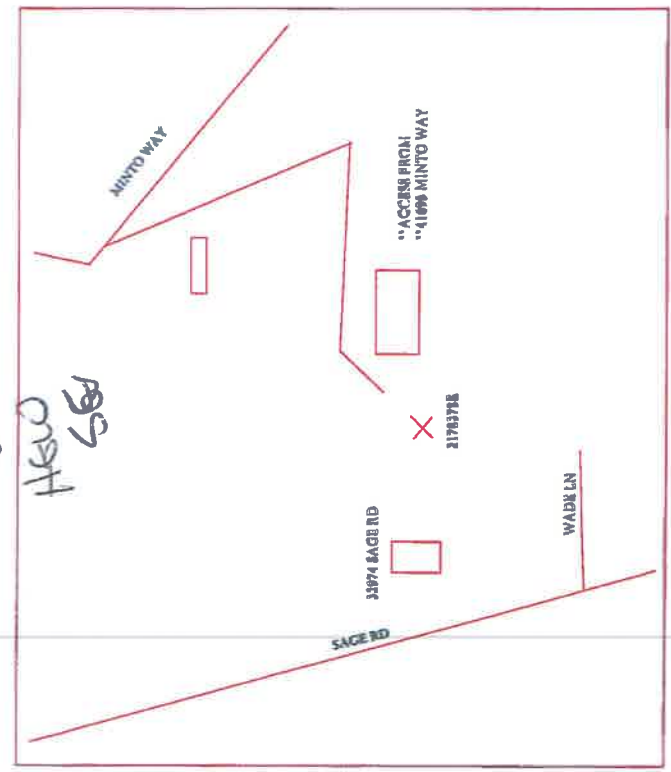
HARD SET 1' EAST
TR: 2-4A 12KV

LEAVE POLE
S X ARM

CIVIL
DIO

HOW
SGL

909-721-9191
LEE CBB
Home owner



PROJECT REQUIREMENTS

- CASHEMENT REQ'D ☐
- PWRD 88 REQ'D ☐
- PERMIT REQ'D ☐
- TRAFFIC CNTRL REQ'D ☐
- PED. TRAFFIC CONTROL REQ'D ☐
- CONVEYANCE LETTER REQ'D ☐
- JPA REQ'D ☐
- ENTER NOTIFICATION REQ'D ☐
- ENVRO. CLEARANCE REQ'D ☐
- CSD 140 TLM REQ'D ☐

VICINITY MAP
NTS

GPS: 33°38'13.22" N
116°55'08.17" W

CORSAIR 12KV G6
STETSON

PLANNER: L. PATRICK	JOB NAME: REPLC DMG PRI. POLE	DATE SENT TO R/W: 77-MENIPEE
JOB LOCATION: ID15007	MSR NO: 116°55'08.17" W	DATE SENT TO R/W: 77-MENIPEE
ALL NO.1	REPLC DMG PRI. POLE	DATE SENT TO R/W: 77-MENIPEE
JPA. NO. N/A	REPLC DMG PRI. POLE	DATE SENT TO R/W: 77-MENIPEE
RELATED NO.	REPLC DMG PRI. POLE	DATE SENT TO R/W: 77-MENIPEE

[illegible]

VICINITY MAP

NTS

PHD LOCK CODE - 47762
2258 Pos + Rd. - FLY YARD SEC

SE T 4 S

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PROJECT REQUIREMENTS

EX: 4A-12 ○

IN: 2090580E

2

209081ae
30
1/OAT-120

2090818E 45
5/12

2090817E 40

IN: POLE 45' CLASS 2 WOOD FULL TRENT - D - IN
IN: XA SINGL TRN HD COMP ID W/ BKT - D - IN
IN 2 - INS GLASS & PIN 12/LR THE TOP 41/MSR - D - IN
IN XA SINGL DE HD COMP ID W BKT - D - IN
IN 2 - INS POLY DE YAK HOT SHOE #44 1/2 - D - IN
IN: SINGL TD CUT & KICK PTD
IN: HELICOPTER SET

2065417E
35
1/DAT-120
2065422E
DAT-120

2065422E
40
5/12

PALMEE 12KV	B5
% GAVI ANI SIA	

CUT IN Isolators Load Drop too!

NOTIFICATION # 409764564

VICINITY MAP

4271552E
402

ISO

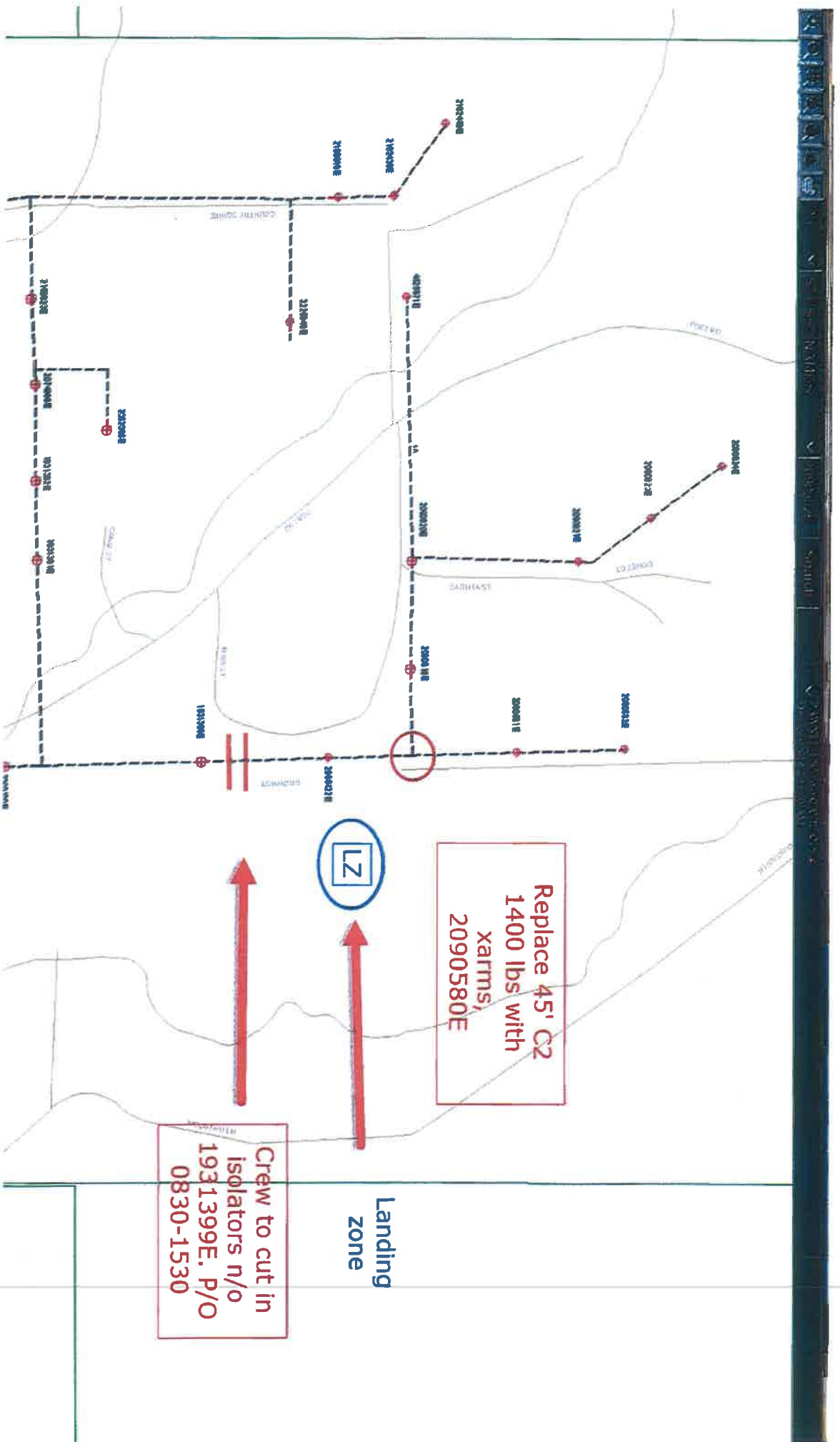
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3d 1931399E
45
50/12
2293572512
120/240

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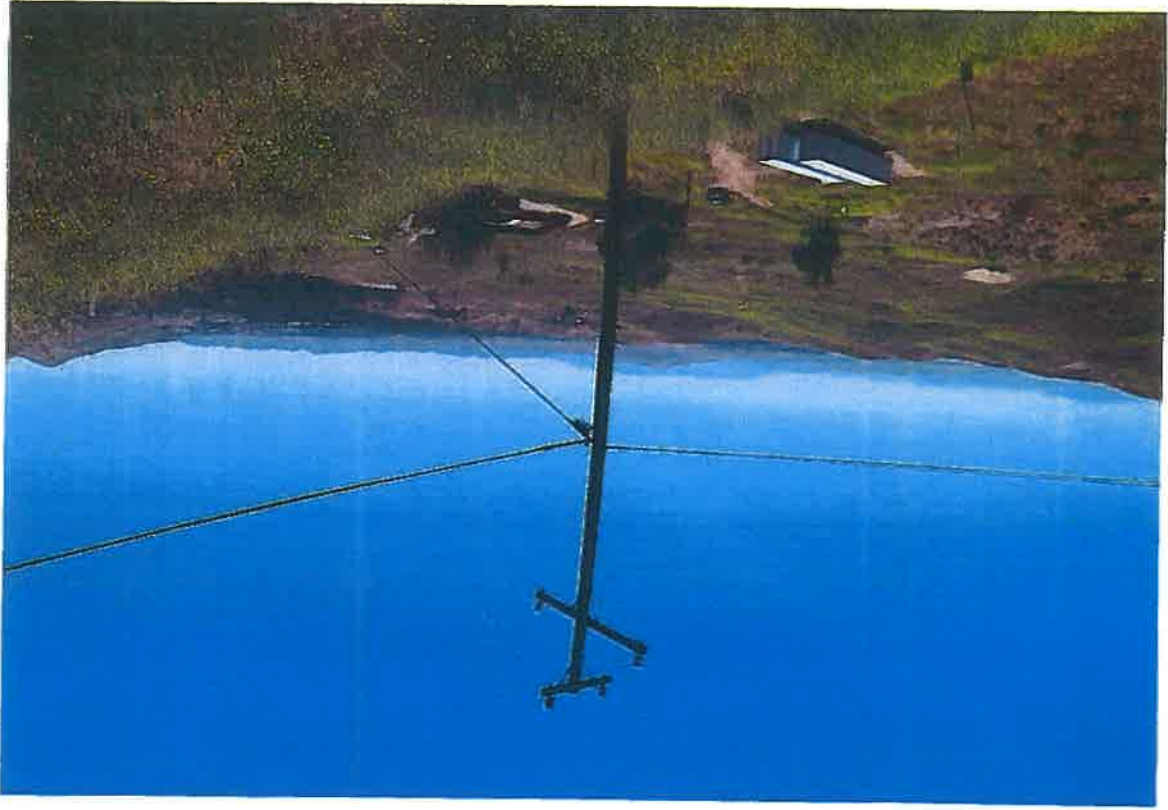
DOI: 10.1002/anie.201710741

DATA



REQUEST FOR UNDERGROUND CIVIL CONTRACT CONSTRUCTION & INSPECTION

UCC Ref#	Applying Name (Print)	Title	Signature	Date
Diurnal Name: MENIFEE	MARK MESA	OS		08/12/18
SAP Order# TD1536732	Notification# 409724564			
DMF: ☐ CAPITAL ☒ O&M	DMF Due Date: 9/26/18	MAT Code:		
Requester: Michael Elardo	Cell: 861-898-8270			
Description of Work: Need civil crew to dig pole hole with sonotube for 48" C2 pole, helicopter set on Friday 8/14.				
Location: 2258 Post Rd.	City: Paria			
Structure# 2080680E	Inventory Map No: 862-1850-2			(must include readable map w/ptg)
Circuit: Palmree 12kv	Substation: Gavilan	Thomas Guide:		
12kv				
Permit Required: ☐ Yes # _____ (Must be included in package). ☒ No	Easement Required: ☐ Yes ☒ No			
NOTE: All permits including Blankets must be included in package at time of submission.				
Reason: ☒ Private Property, ☐ Other *	Easement Secured: ☐ Yes ☒ No			
* Other: PROVIDE COMPLETE, VALID REASON				
Category:				
☐ Customer Out of Power / Immediate Danger to the Public				
☐ Outage or Electrical Crew Sched Date Related				
☐ 3rd Party Connection	Contact Name: _____	Ph#: _____		
☐ All Other				
Proposed Civil Construction Start Date: 08/12/18	Required Civil Completion Date: 08/19/18			
Emergency Reason:	Crew Meet Date:			
MATERIAL TYPE	QUANTITY	UNIT	UNIT COST	EXTENDED COST
Labor-2 man	1	8 hours	220.00	1760.00
Sonotube			200.00	200.00
42% overhead loader				833.30
TOTAL ESTIMATED COST: \$			2793.30	
Documentation of Actual Cost Required: ☒ No, ☐ Yes Send to: Name: _____ Pmt# _____				
For Underground Construction Use Only				
MAT Code:	Agreement#	POS	PO Line Item#	
3CA Inspector:		Invoice No.:	Amount	
Construction:	Contractor Job No.:		\$	
Construction Start Date:			\$	
Construction Completion Date:			\$	
Recording Required: ☐ No ☐ Yes, Completed on:	Total Actual Cost	\$		
Job in Clerk: ☐ Yes ☐ No QA Included: ☐ Yes ☐ No	Actual Date Cost Submitted:			
Construction Comments:				

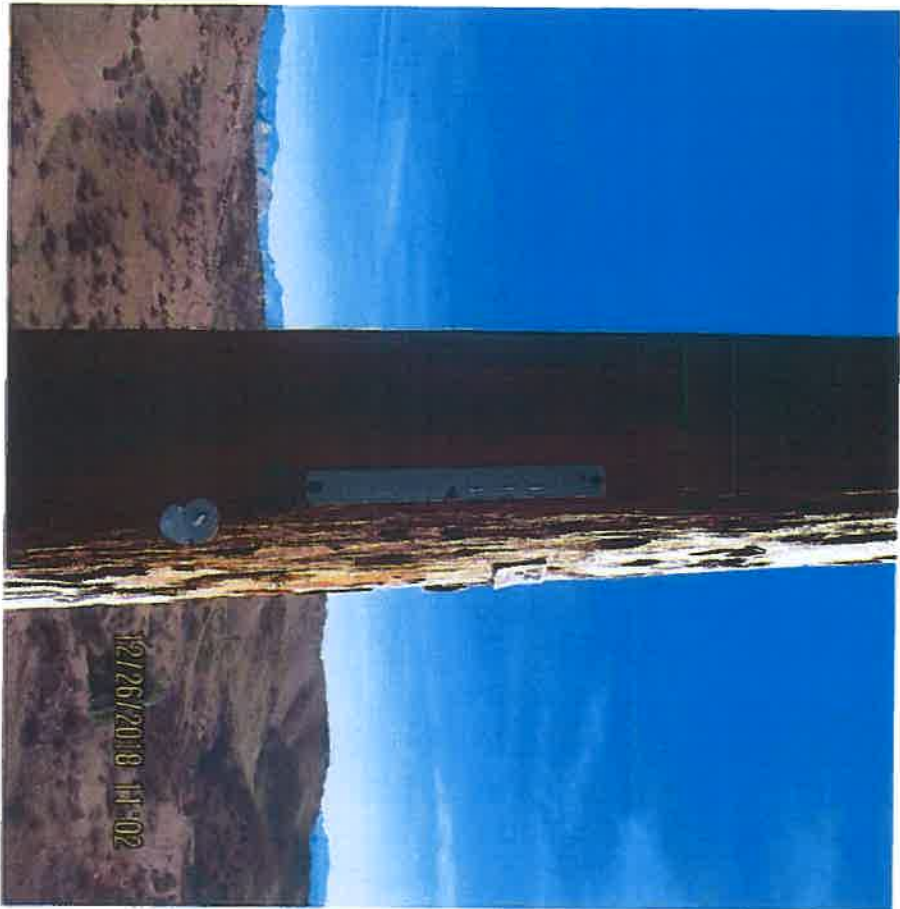






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Comments

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