

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: 3-5-2020

- ☐ 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

Compressor / tools only 2400LBS
NON-CAP
L2 water truck
TD1360402

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



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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:*	JOSH CHAVEZ
Department:*	HOT LINE CONSTRUCTION
Pax:*	
Cell Number:*	20-662-5343
Email Address:*	JCHAVEZ@HOTLINECONSTRUCTIONINC.COM

SAP Accounting Number*	TD1360402
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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):

REPLACE TRANSMISSION POLE 848233E 65' H2 WOOD ~4,243LBS

General Operating Location	CASTAIC
District	D59
LZ Coordinates (if known)	N/A
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	WHEN AVAILABLE
Time of Pick-up	0800
Approx. mission duration (if known)	4HRS
Back-up date for mission (if known)	

Authorizer	
Authorizer PAX and cell number	

**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 _____

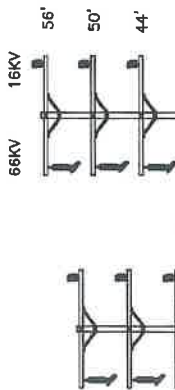
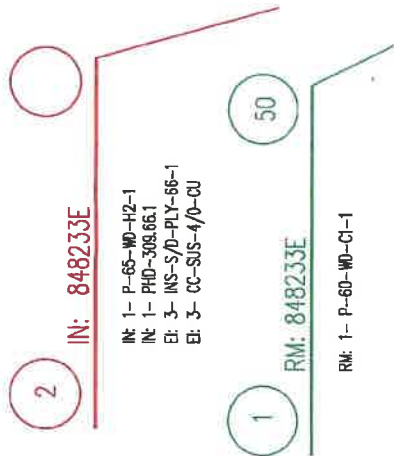
☐ Week 2 _____

☐ Week 3 _____

VICINITY MAP

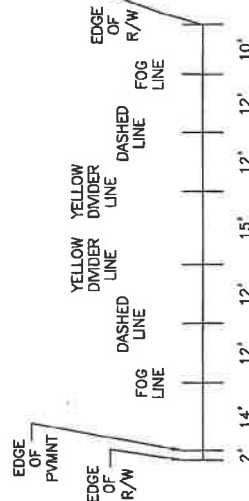
NOTES:
 - POLE IS LOCATED WITHIN TIER 3 HFIA ZONE
 - HELICOPTER SET REQUIRED
 - INSTALL 5' TALLER POLE

3- 4/0CU 66KV

[illegible][illegible]

- NOTES:
- POLE IS APPROX 205' NW/O HIGHWAY FOG LINE
 - POLE IS APPROX 80' ABOVE HIGHWAY IN ALTITUDE
 - HELICOPTER SET REQUIRED

PROFILE VIEW LOOKING SOUTHWEST



PLAN VIEW

NO CHANGE
848232E

REMOVE
848233E WD 60' C1
INSTALL
848233E WD 65' H2

VICINITY MAP

NO CHANGE
848234E
NO CHANGE
848235E

Project Name	Transmission Deteriorated Pole
Location	HENRY MAYO DR & CHIQUITO CANYON RD CASTAIC, CA 91384
SAP Order #	TD1380402
District	59 - VALENCIA
FIM	110-50
GPS	34.423584°, -118.851896°
Page 2 of 2	ANDREW SHEARER TRANSMISSION DESIGNER
05-29-2018	Not to Scale
EDISON	A

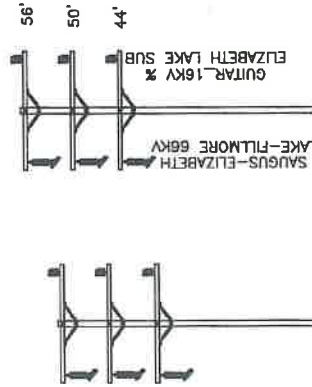
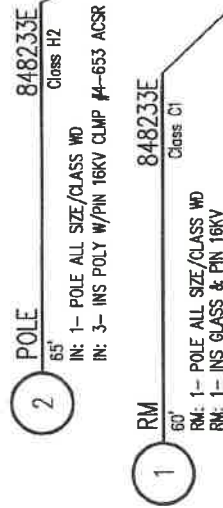


GUITAR 16KV % ELIZABETH LAKE SUB SAUGUS-ELIZABETH LAKE-FILLMORE (IDLE)

NOTES:
- POLE IS LOCATED WITHIN TIER 3 HFA ZONE
- HELICOPTER SET REQUIRED
- INSTALL 5' TALLER POLE

TRANSFERS:

3- 336A 16KV



POLE HEAD DETAIL
EXISTING: 848233E
NOT TO SCALE

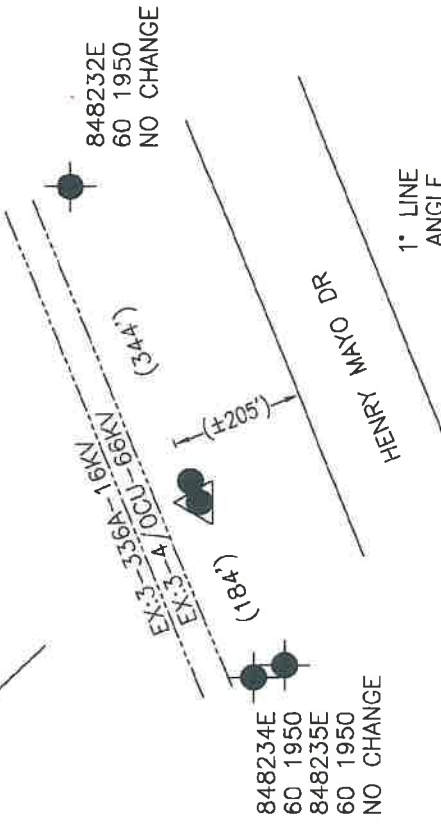
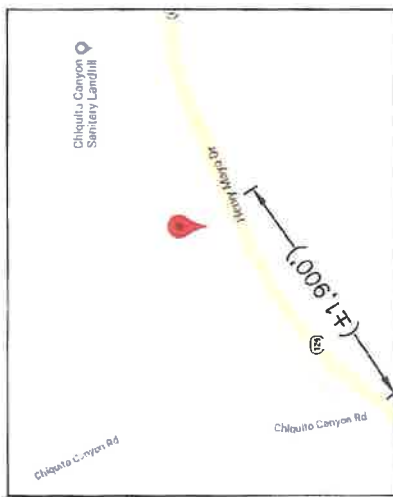
POLE HEAD DETAIL
PROPOSED: 848233E
NOT TO SCALE

PROJECT REQUIREMENTS (X/N)	
EDISON EASMENT REQUIRED	☒
PRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE CALTRANS	
OUTAGE REQUIRED	☒
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	☒
PEL TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 146 (LW) REQ'D	☒

BULLETIN 322 HIGH FIRE/HAZARD AREA	
PAVEMENT REPAIR	N
ASPHALT:	N
REPAIR SIZE:	N
WIND RATING	12# GRADE B
NETCOMM SHEET	N
CONTACT CATV	N
TREE TRIMMING REQ'D	N

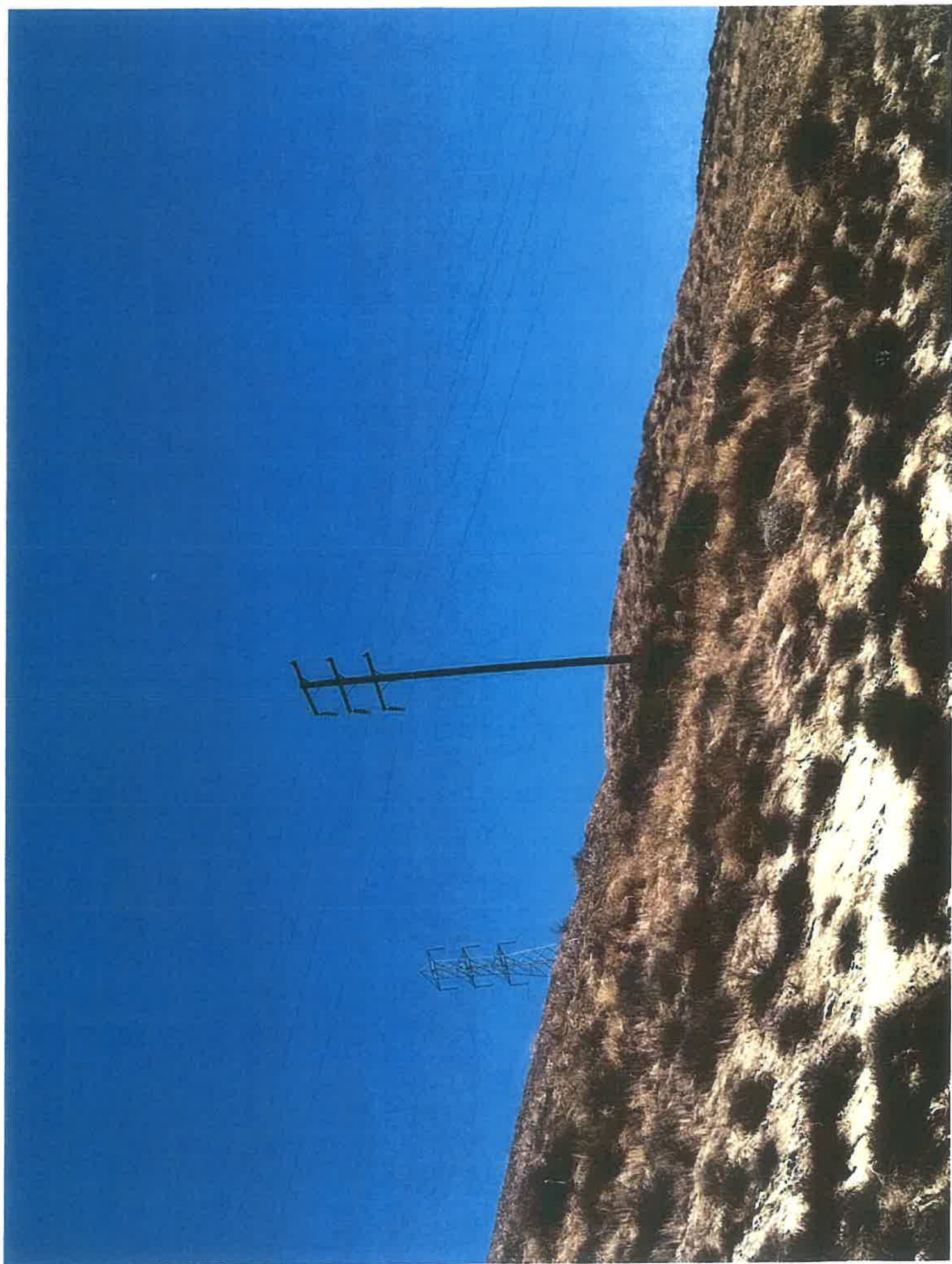
GPS
34°-25'-24.9"
-118°-39'-07.2"

VICINITY MAP



NOT TO SCALE

DISTRICT	VALLENCIA	PROJ. MGR. CROSBY, ROBERT D	PLANNER SHEARER, ANDREW	DESIGNER SHEARER, ANDREW
PROJECT NO.	1350461	SERVICE REQUEST 2460925	PRODUCT-1 1362659-INFRASTRUCTURE REPLACEMENT PLP	ASSOC DESIGN
CHUITAR / VOLTAGE	GUITAR / 16KV	THOMAS GUIDE	PRODUCT-2 TRANS. TDI360402 / DIST. TDI362659	ASSOC DESIGN
SUB / PG NO.	ELIZABETH LAKE / D6	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP	110-50	J.P.A. NO.		
PROPOSED CONSTRUCTION (LOCATION)				
R/R 2 DETERIORATED POLES				
HENRY MAYO DR & CHICUITO CANYON RD				
CASTAIC, CA 91384				
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY
SHEET	1	OF	2	DESIGN DRAWING NO.
				1004479_0.01





Google earth

Imagery: 10/27/16 42°55'15"N 122°55'15"W 42.9187°N 122.9187°W

Tom Cude



SECTION 7

Part 135 GH 4A Part 133 GH 4L
NON Congested Area PlanOperator: Guardian Helicopters, Inc
67 D STREET
Fillmore CA. 93015Phone (818) 442-9904
FAX (818) 442-9901PROJECT: EDISON COMPRESSOR ONLY WORK ORDER #: TD 1360402
ADDRESS CHIKUITO CANYON ROAD / 126 FWY : SANTA CLARITA CA
LZ LATITUDE 34°25'20.58"N LONGITUDE 118°39'24.39"W
848233E LATITUDE 34°25'25.01"N LONGITUDE 118°39'7.31"W 2400 LBS COMPRESSOR ONLY
CONTACT AT SITE: CASEY MITCHEL PHONE#: 209-639-2671
CONTRACTOR: HOTLINE CONSTRUCTION INC. PHONE#: 209-639-2671
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 27691662. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. IAN GOODALE CERT# 3741973TYPE OF AIRCRAFT: BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTEDBELL UH-1H N# N214KK A/C CATEGORY: RESTRICTEDBELL 407 N# N407GH A/C CATEGORY: STANDARDBELL 205A1 N# N216GH A/C CATEGORY: STANDARDAS350 B2 N# N498PT A/C CATEGORY: STANDARDAS350 B3 N# N718GH A/C CATEGORY: STANDARDAS350 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) COMPRESSOR 2400 LBS LOAD: EXTL CL B TYPE OF ITEM LIFTING: ☐AERODYNAMIC ☒ NON- AERODYNAMIC MAX 2400 LBSNO. OF LIFTS: 3 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
3-5-2020	SUNRISE	SUNSET	2-3-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
POLICE DEPARTMENT	661-272-2400	WATCH COMMANDER	WILL NOTIFY
FIRE DEPARTMENT	661-944-1260	DISPATCH	WILL NOTIFY

EvacuationCrowd ControlStreet Closure☒ No Evacuated Structures☒ Operator☐ Yes ☒ No☐ Evacuated Structures☒ Contractor☒ 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
REMOTE NO EVACAUCTIONS	VACANT DURING OPS	HAND DELIVER
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

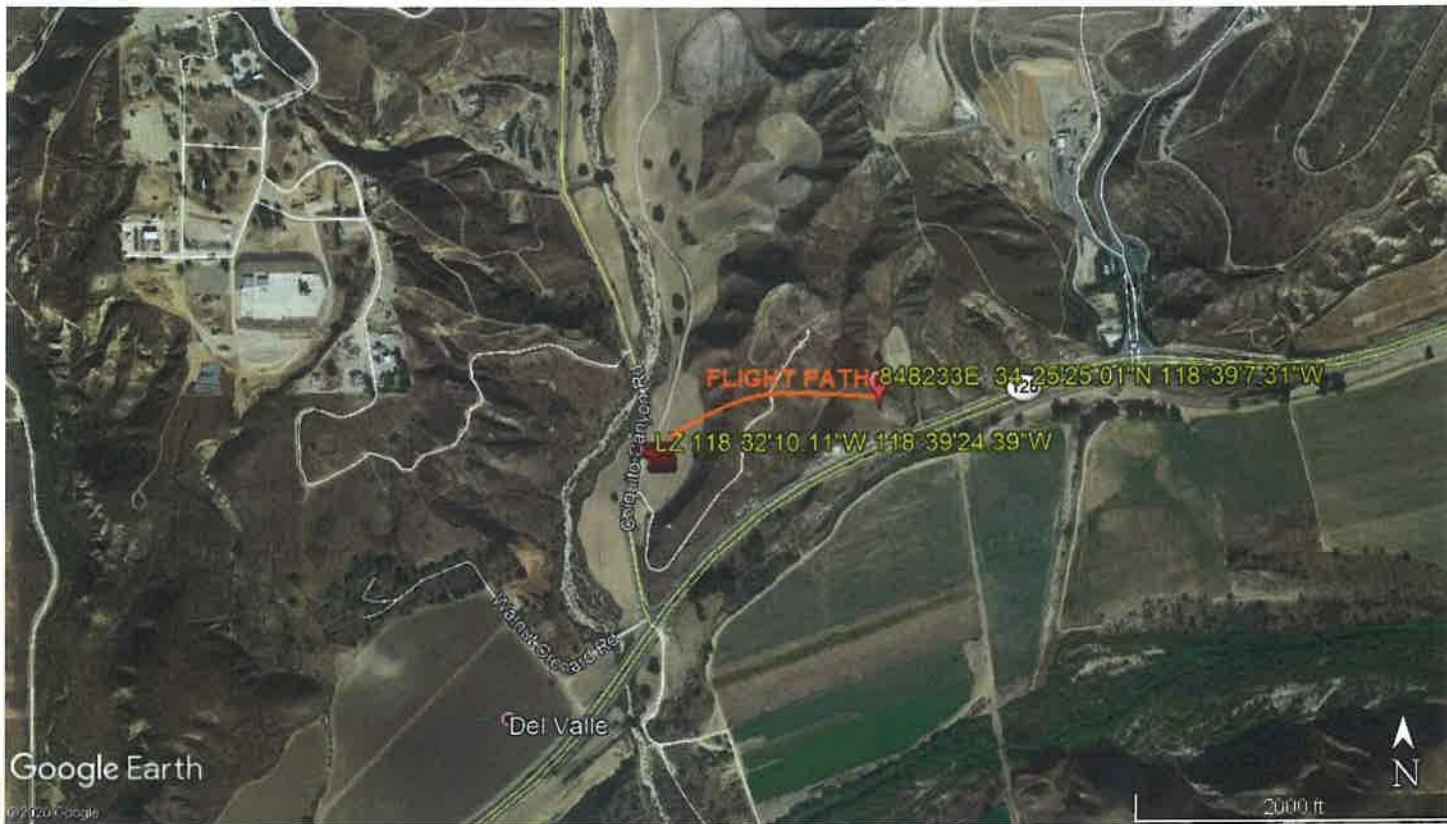
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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. TAILBOARD WILL BE CONDUCTED AT THE LANDING ZONE
2. IF REQUIRED FUELING WILL BE CONDUCTED AT THE LANDING ZONE.
3. WATER TRUCK WILL BE PROVIDED AT THE LANDING ZONE
4. COMPRESSOR AND TOOLS WILL BE STAGED AT THE LANDING ZONE
5. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
6. RADIOS WILL BE PROVIDED TO POLE SITE
7. REMOTE NO EVACUATIONS
8. NO STREET CLOSURES
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED
10. THE HELICOPTER WILL LAND AT THE LANDING ZONE TO CONDUCT A TAILBOARD SAFETY BRIEF. ONCE THE DIGGING IS SET AT THE POLE SITE THE HELICOPTER WILL FLY THE COMPRESSOR TO THE SITE. IF NEEDED THE HELICOPTER WILL ALSO FLY TOOLS AND EQUIPMENT TO THE SITE.





2-3-2020

DATE OF SUBMISSION

Jeffrey M. Jentura

COMPANY OFFICIAL / TITLE