

# **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: *Santa Paula*

- SAFETY BRIEF SIGN IN *7-13-2020*
- GHI CREW INTRODUCTION *Stage A# GHI Helipad*
- IS A TRANSLATOR REQUIRED *Remove (3) Transformers 400LBS EA*
- WORK STOP AUTHORITY *NON-CAP*
- DESIGNATE A 911 CALLER *TP 1641702*
- 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



AIRCRAFT	ENVIRONMENT	EXTERNAL LOAD
<ul style="list-style-type: none"> <li><input type="checkbox"/> Approach and departure</li> <li><input type="checkbox"/> Main/tail rotor hazards</li> <li><input type="checkbox"/> Safe cargo loading/unloading</li> <li><input type="checkbox"/> Loose articles: - Aircraft &amp; LZ</li>   <li><input type="checkbox"/> Hearing protection</li> <li><input type="checkbox"/> Door/seatbelt operation</li> <li><input type="checkbox"/> Headset/helmet/intercom</li> <li><input type="checkbox"/> Air-sickness</li> <li><input type="checkbox"/> In-flight emergencies Establish who will call 911</li>   <li><input type="checkbox"/> Location of: <ul style="list-style-type: none"> <li>o First aid/survival kit</li> <li>o Fire extinguisher</li> <li>o Fuel and battery shut off procedure</li> <li>o Radios, ELT, SAT Phone</li> </ul> </li>   <li><input type="checkbox"/> Fueling Operations: - Duties &amp; Safety Issues</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Weather conditions</li> <li><input type="checkbox"/> Wind direction</li> <li><input type="checkbox"/> Fuel</li> <li><input type="checkbox"/> Gross weight</li> <li><input type="checkbox"/> Terrain</li> <li><input type="checkbox"/> Landing zone hazards</li> <li><input type="checkbox"/> Density altitude</li> <li><input type="checkbox"/> Noise abatement</li> <li><input type="checkbox"/> Congested area plan</li> <li><input type="checkbox"/> Traffic/crowd control</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Ground crew PPE</li> <li><input type="checkbox"/> Long Line &amp; Rigging Equipment Inspection</li> <li><input type="checkbox"/> Communication: Use of headset for lineman communicating with pilot</li> <li><input type="checkbox"/> <b>Head/Hand Signals</b></li> <li><input type="checkbox"/> Pole set procedures: Brief how pole will be secured: 1) Taglines 2) Pikes 3) fill dirt</li> <li><input type="checkbox"/> Steps on pole</li> <li><input type="checkbox"/> Remote hook operations</li> <li><input type="checkbox"/> Ground crew hook up procedures</li> <li><input type="checkbox"/> Static discharge</li> <li><input type="checkbox"/> Emergency flyaway procedures</li> <li><input type="checkbox"/> Long line clearance (6'- 25'- 150% rule)</li> <li><input type="checkbox"/> No person under load</li> <li><input type="checkbox"/> Ground crew safety zone</li> <li><input type="checkbox"/> Pole removal with potential snag issues must be discussed</li> <li><input type="checkbox"/> Nylon straps (wood vs. glass)</li> <li><input type="checkbox"/> Load ratings (7:1 minimum)</li> <li><input type="checkbox"/> Dry Run/Play by play pole set Procedures</li> <li><input type="checkbox"/> Induced Voltage from: - Adjacent circuits, Underbuild, Parallel circuits etc.</li> <li><input type="checkbox"/> <b>In case of Non-Company ground crew: Rigging procedures must be briefed</b></li> <li><input type="checkbox"/> No cell phone/camera use during external loads</li> <li><input type="checkbox"/> Essential crew only</li> </ul>
	<div style="background-color: #cccccc; text-align: center; padding: 5px;"><b>CRM</b></div> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>COMMUNICATION IS CRITICAL</b></li> <li><input type="checkbox"/> Standardized language</li> <li><input type="checkbox"/> "Code Red" phrases</li> <li><input type="checkbox"/> Sterile cockpit</li> <li><input type="checkbox"/> Flight following/radio procedures</li> <li><input type="checkbox"/> Possible tasks for crew, e.g., switch/tune radios, maps</li> <li><input type="checkbox"/> Hazard awareness, e.g., birds, other hazards</li> <li><input type="checkbox"/> <b>STOP</b> work policy</li> <li><input type="checkbox"/> <b>Re-brief in case scope changes</b></li> <li><input type="checkbox"/> <b><u>IMS SAFE Acronym</u></b></li>   <li><b>Pilot fatigue mitigation must be briefed prior to work</b></li> </ul>	



SECTION 7

**Part 135 GH 4A Part 133 GH 4L**  
NON Congested Area Plan

Operator: Guardian Helicopters, Inc  
 67 D STREET Phone (818) 442-9904 FAX (818) 442-9901  
 Fillmore CA. 93015

PROJECT: EDISON TRANSFORMERS WORK ORDER #: TD 1641702  
 ADDRESS: 1723 SAN CAYETANO : SANTA PAULA CA  
LZ GHI HELIPORT  
1281478E TRANSFORMERS LATITUDE 34°21'43.67"N LONGITUDE 118°57'7.34"W (3)  
TRANSFORMERS 400 LBS EACH  
 CONTACT AT SITE; GARRET ILLMAN HAMPTON TEDDER PHONE#: 909-573-3856  
 PILOT'S NAME(S):

1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. IAN GOODALE CERT# 3741973
5. ROSS GOULET CERT# 339677

TYPE OF AIRCRAFT:

- BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTED
- BELL UH-1H N# N777GH 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: (0) ↓ (3) ↑ EA 400 LB TRANSFORMERS CLASS OF LOAD: EXTL CL B NO.  
 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
7-13-2020	SUNRISE	SUNSET	7-08-2020
<b>AGENCY NAME:</b>	<b>PHONE#:</b>	<b>PERSON NOTIFIED:</b>	<b>DATE:</b>
SANTA PAULA POLICE	805-525-4474	DISPATCH	NOTIFY
SANTA PAULA FIRE	805-933-4225	DISPATCH	NOTIFY

Evacuation

- No Evacuated Structures  
 Evacuated Structures

Crowd Control

- Operator  
 Contractor

Street Closure

- Yes  No  
 Contractor  
 Operator



SECTION 7

Part 135 GH 4A Part 133 GH 4L  
NON Congested Area Plan

Operator: Guardian Helicopters, Inc  
 67 D Street  
 Fillmore, California 93015

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
<b>ALL HOMES WITHIN RED OPERATING AREA</b>	VACANT DURING OPS	HAND DELIVER
<b>SEE DIAGRAM = VACANT</b>	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**

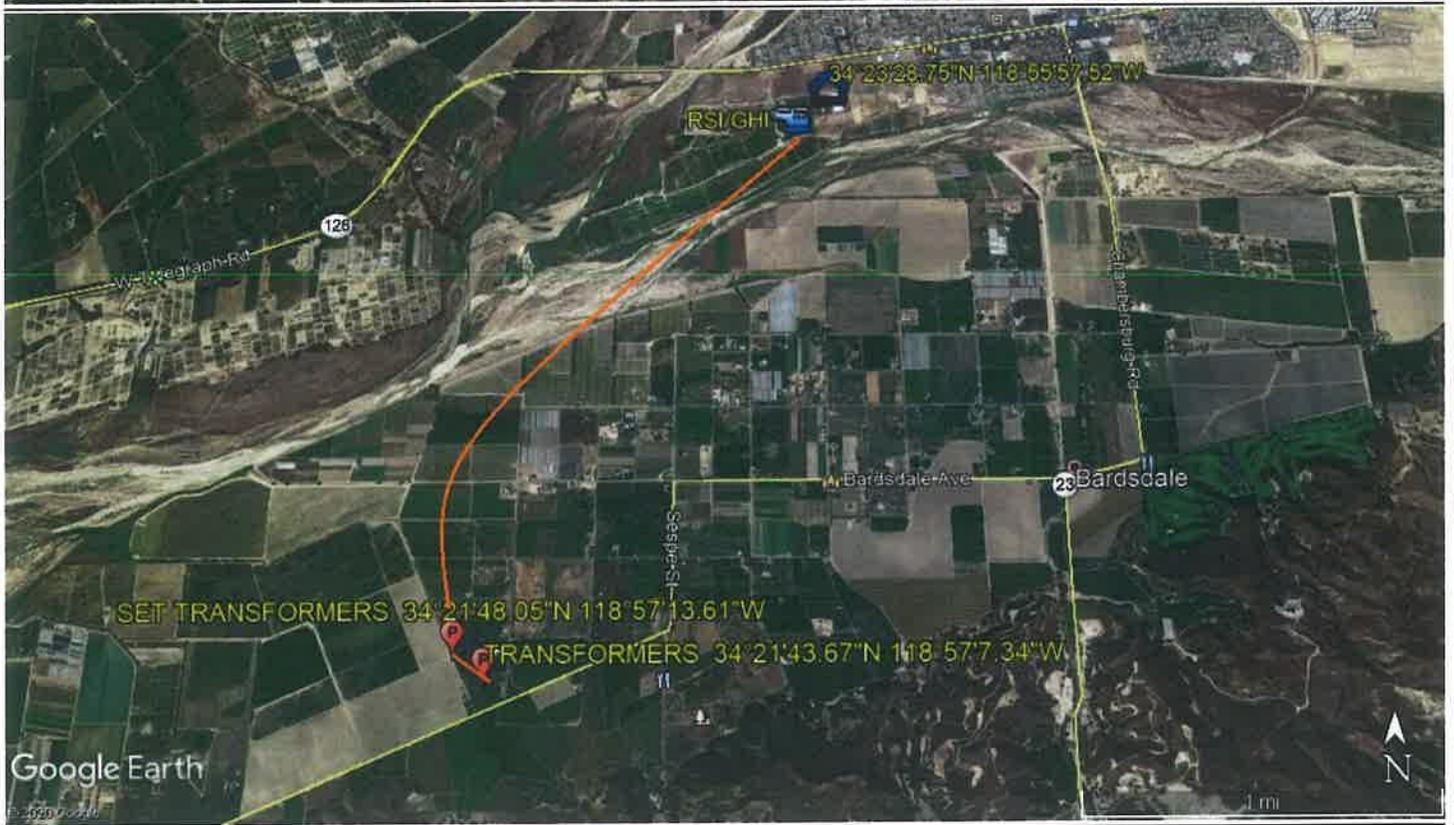
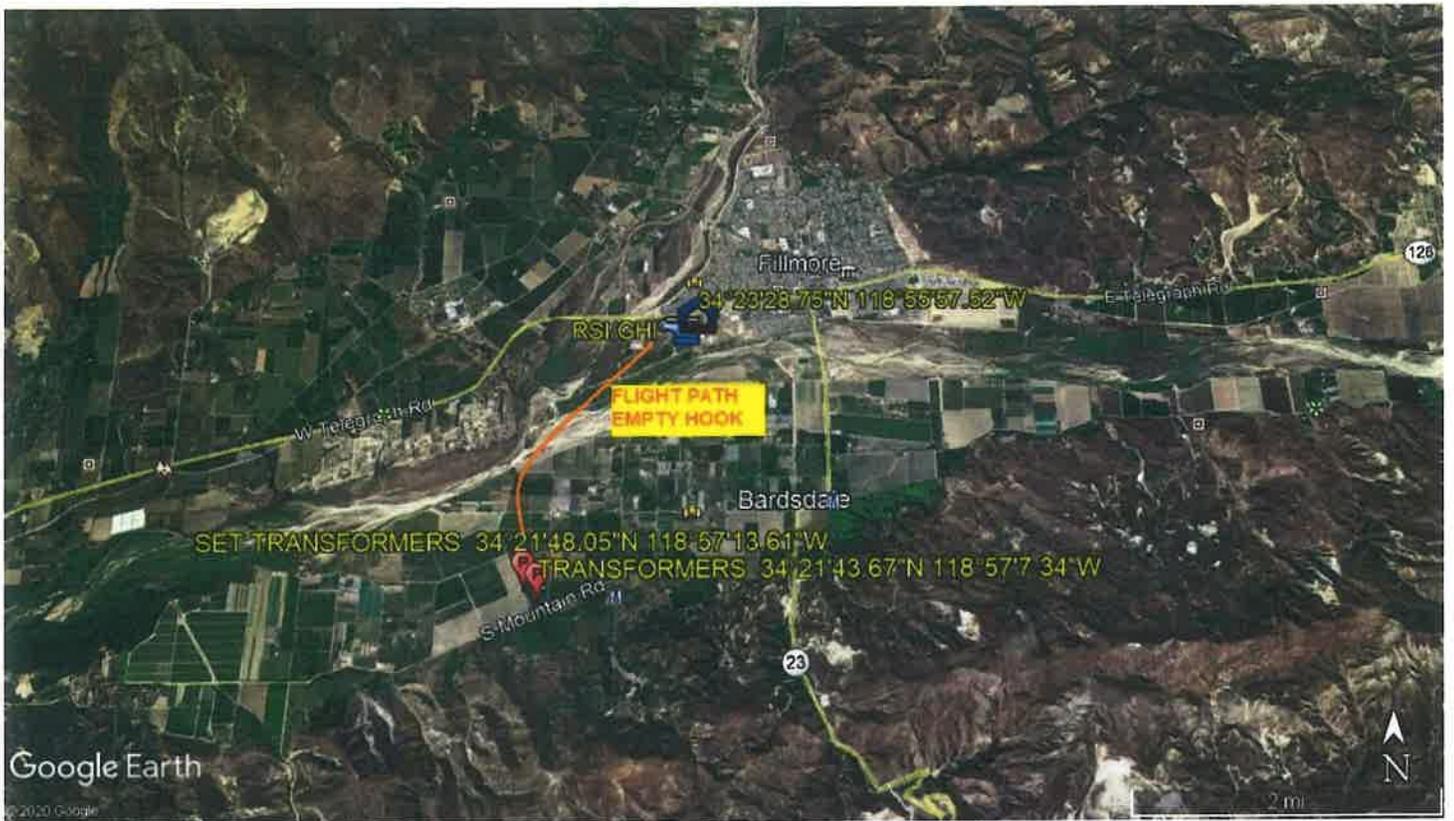
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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.

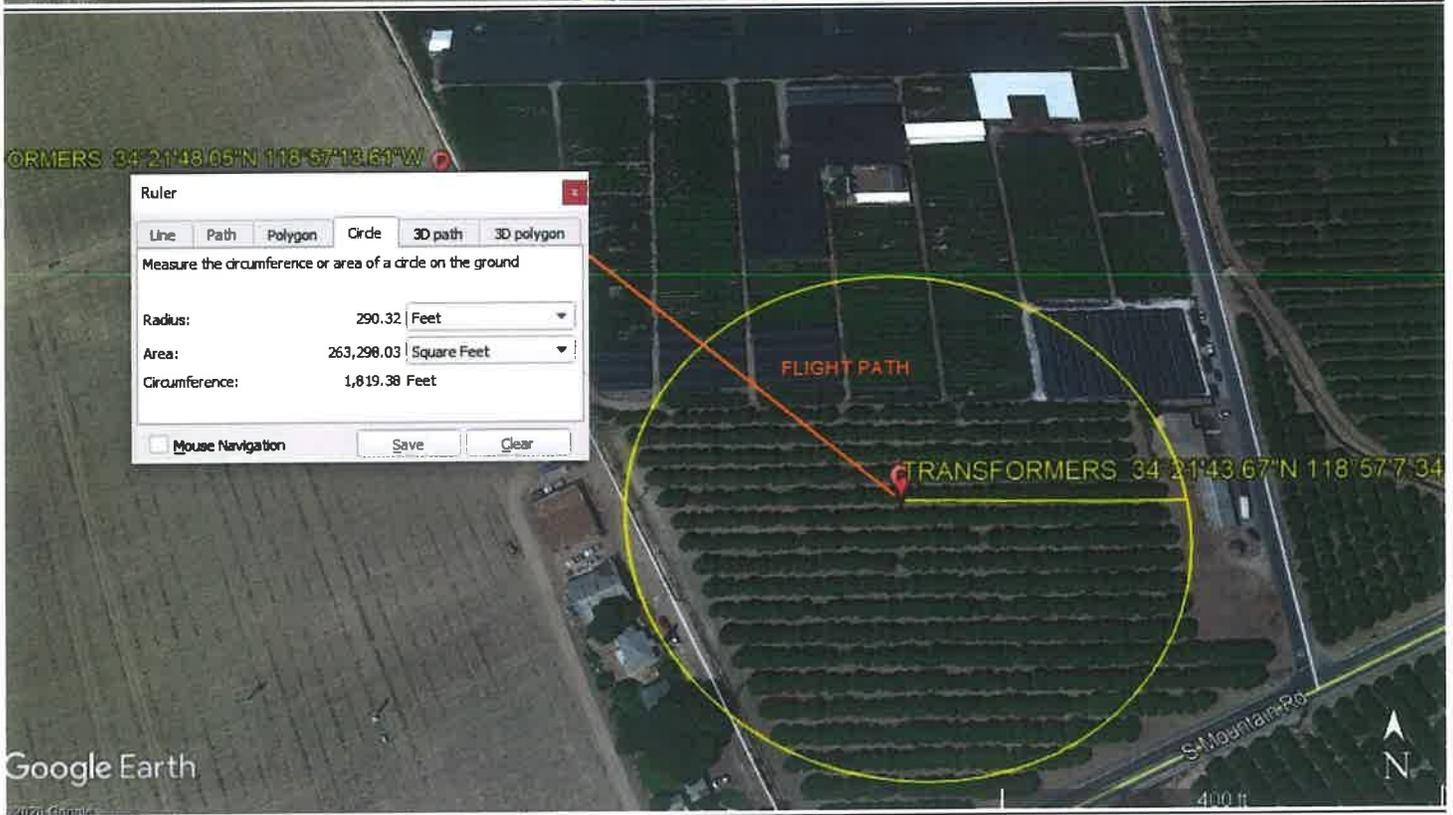
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM TO BE RECTIFIED.

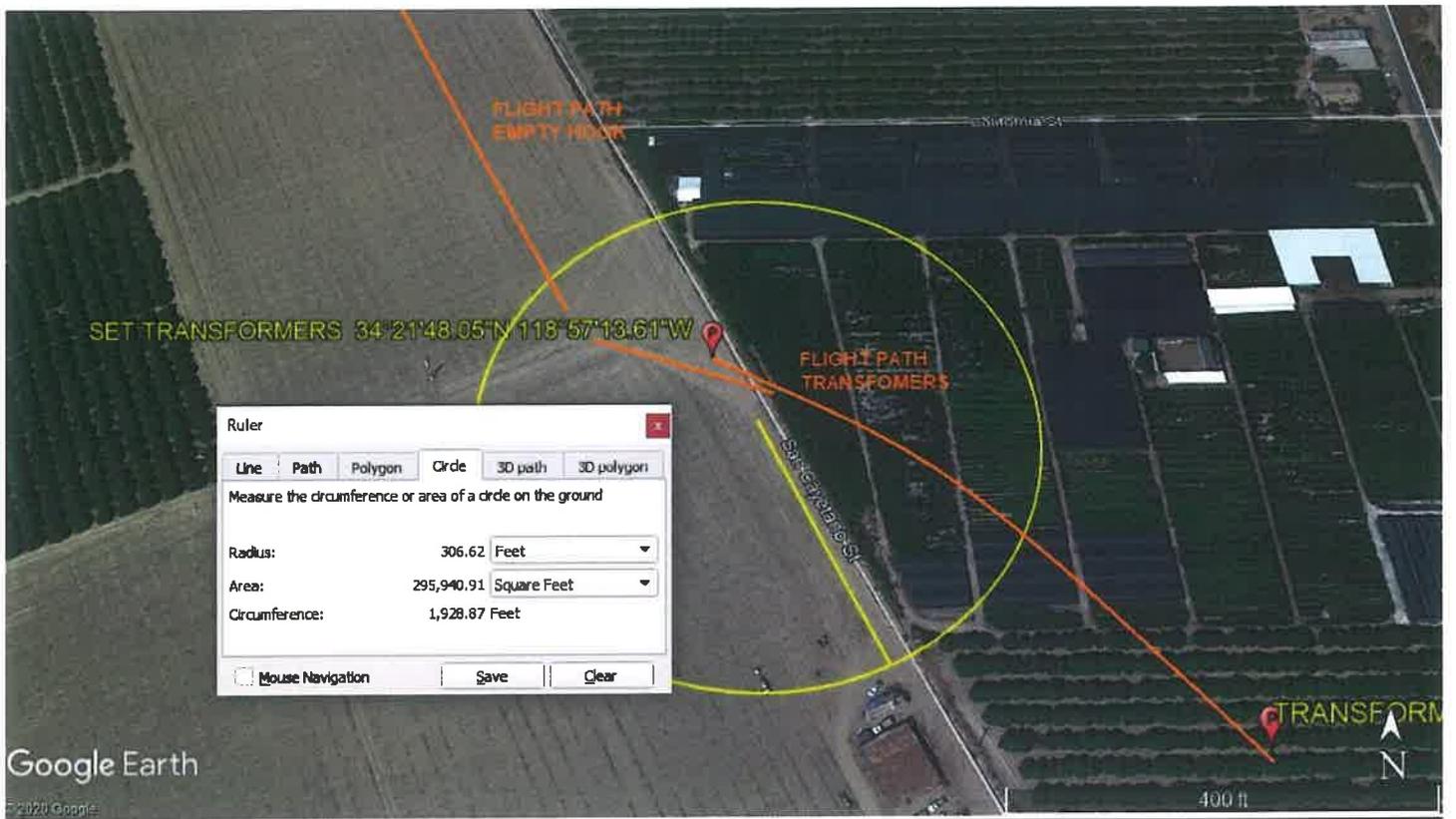
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

**PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.**

1. HELICOPTER WILL STAGE AT GHI HELIPORT , CONNECT THE LONGLINE AND FOR FUELING
2. TAILBOARD SAFETY BRIEF WILL BE CONDUCTED AT THE TRANSFORMER SET SITE
3. WATER TRUCK IS REQUIRED AT THE SET SITE
4. NO STREET CLOSURES CLOSURES DURING OPERATIONS
5. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
6. NO FARM WORKERS WILL BE ALLOWED IN THE OPERATIONS AREA
7. LOOSE MATEIAL WILL BE REMOVED FOR THE FARM AREA NEAR THE POLE
8. THE CONTRACTOR WILL TRIM TREES IF REQUIRED







7-08-2020  
DATE OF SUBMISSION

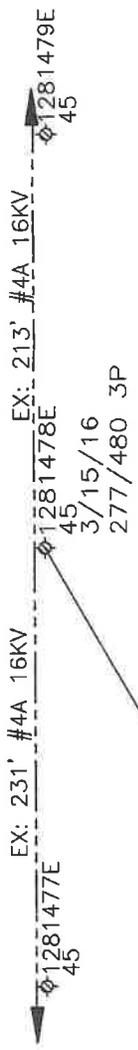
*Jeffrey M. Teubner*

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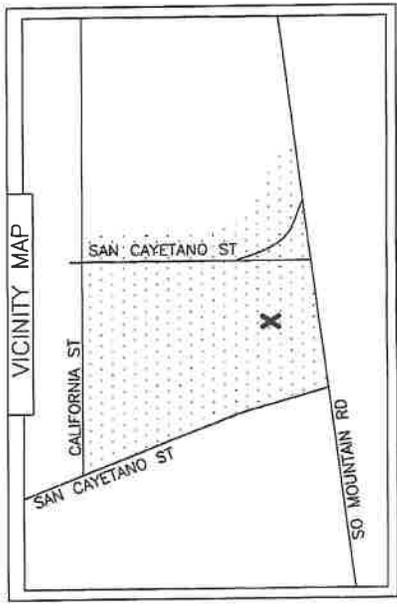
COMPANY OFFICIAL / TITLE  
JEFFREY M. TEUBNER  
FLIGHT COORDINATOR



- PSPEC / CREW NOTES:
- NOTIFICATION DUE DATE 6.14.20
  - PRIVATE PROPERTY
  - NO PERMIT REQUIRED
  - PTC & TC NOT REQUIRED



**1** **EXISTING** **1281478E**  
 45' Class C4  
 EX: 1- POLE 45' CLASS 4 WOOD FULL TREAT  
 RM: 1- FE CO OPEN W/10' XA 100A 16KV 3P  
 RM: 1- FE FUSE ELF 15KV 8A  
 RM: 1- TR OH 3-15KVA 16KV 277/480Y 3P  
 SN: \_\_\_\_\_  
 SN: \_\_\_\_\_  
 SN: \_\_\_\_\_  
 RM: 1- GR OH #6 SOL WP SECONDARY W/ROD  
 RM: 94- CD #4 STR AL QUADRUPEX W/ACSR NEUTRAL  
 RM: 1- SEC ROLLER (166-CLEVS & SPOOL)



**PROJECT REQUIREMENTS (Y/N)**

EDISON EASEMENT REQUIRED	<input type="checkbox"/>
PMRD 88 REQUIRED	<input type="checkbox"/>
UG CIVIL ONLY WORK ORDER	<input type="checkbox"/>
PERMIT REQUIRED	<input type="checkbox"/>
OUTAGE DATE: _____ TIME: _____	<input type="checkbox"/>
TRAFFIC CONTROL REQUIRED	<input type="checkbox"/>
CONVEYANCE LETTER REQ'D	<input type="checkbox"/>
ENVIRONMENTAL CLEARANCE REQ'D	<input type="checkbox"/>
CSD 140 (TLM) REQ'D	<input type="checkbox"/>



DISTRICT	39 - VENTURA	PROJ. MGR.	MORGANSTEIN, SARA	PLANNER	MORGANSTEIN, SARA	DESIGNER	MORGANSTEIN, SARA
PROJECT NO.	1719221	SERVICE REQUEST	1641702-REMOVE IDLE FACILITIES	PRODUCT-1	1641702-REMOVE IDLE FACILITIES	ASSOC DESIGN	ASSOC DESIGN
PROJECT NAME	SMALL VILLAGE	ISSUE DATE	THOMAS DURE	PRODUCT-2	PRODUCT-2	ASSOC DESIGN	ASSOC DESIGN
PROJECT NO.	1641702	CIRCUIT CODE	FILLMORE B4	PRODUCT-3	PRODUCT-3	ASSOC DESIGN	ASSOC DESIGN
PROJECT NO.	1641702	PROPOSED CONSTRUCTION (LOCATION)	XSIRT BELLVUE P/P/S 350', 353' W/O SAN CAYETANO FILLMORE, CA 93015				
DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAGE #	SHEET	DESIGNING NO.	1226866
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