

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: *Bouquet Canyon*

- SAFETY BRIEF SIGN IN *2-26-2020*
- GHI CREW INTRODUCTION *NON-CAP*
- IS A TRANSLATOR REQUIRED *(1) 45MI 2400LBS*
- WORK STOP AUTHORITY *TD 1471024*
- DESIGNATE A 911 CALLER *L2 @ Fire station Road closed*
- 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"> <input type="checkbox"/> Approach and departure <input type="checkbox"/> Main/tail rotor hazards <input type="checkbox"/> Safe cargo loading/unloading <input type="checkbox"/> Loose articles: - Aircraft & LZ <input type="checkbox"/> Hearing protection <input type="checkbox"/> Door/seatbelt operation <input type="checkbox"/> Headset/helmet/intercom <input type="checkbox"/> Air-sickness <input type="checkbox"/> In-flight emergencies Establish who will call 911 <input type="checkbox"/> Location of: <ul style="list-style-type: none"> <input type="checkbox"/> First aid/survival kit <input type="checkbox"/> Fire extinguisher <input type="checkbox"/> Fuel and battery shut off procedure <input type="checkbox"/> Radios, ELT, SAT Phone <input type="checkbox"/> Fueling Operations: - Duties & Safety Issues 	<ul style="list-style-type: none"> <input type="checkbox"/> Weather conditions <input type="checkbox"/> Wind direction <input type="checkbox"/> Fuel <input type="checkbox"/> Gross weight <input type="checkbox"/> Terrain <input type="checkbox"/> Landing zone hazards <input type="checkbox"/> Density altitude <input type="checkbox"/> Noise abatement <input type="checkbox"/> Congested area plan <input type="checkbox"/> Traffic/crowd control <div style="background-color: #cccccc; text-align: center; padding: 5px;">CRM</div> <ul style="list-style-type: none"> <input type="checkbox"/> COMMUNICATION IS CRITICAL <input type="checkbox"/> Standardized language <input type="checkbox"/> "Code Red" phrases <input type="checkbox"/> Sterile cockpit <input type="checkbox"/> Flight following/radio procedures <input type="checkbox"/> Possible tasks for crew, e.g., switch/tune radios, maps <input type="checkbox"/> Hazard awareness, e.g., birds, other hazards <input type="checkbox"/> STOP work policy <input type="checkbox"/> Re-brief in case scope changes <input type="checkbox"/> <u>IMSAFE Acronym</u> <p style="color: red; font-weight: bold; margin-top: 20px;">Pilot fatigue mitigation must be briefed prior to work</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Ground crew PPE <input type="checkbox"/> Long Line & Rigging Equipment Inspection <input type="checkbox"/> Communication: Use of headset for lineman communicating with pilot <input type="checkbox"/> Head/Hand Signals <input type="checkbox"/> Pole set procedures: Brief how pole will be secured: 1) Taglines 2) Pikes 3) fill dirt <input type="checkbox"/> Steps on pole <input type="checkbox"/> Remote hook operations <input type="checkbox"/> Ground crew hook up procedures <input type="checkbox"/> Static discharge <input type="checkbox"/> Emergency flyaway procedures <input type="checkbox"/> Long line clearance (6'- 25'- 150% rule) <input type="checkbox"/> No person under load <input type="checkbox"/> Ground crew safety zone <input type="checkbox"/> Pole removal with potential snag issues must be discussed <input type="checkbox"/> Nylon straps (wood vs. glass) <input type="checkbox"/> Load ratings (7:1 minimum) <input type="checkbox"/> Dry Run/Play by play pole set Procedures <input type="checkbox"/> Induced Voltage from: - Adjacent circuits, Underbuild, Parallel circuits etc. <input type="checkbox"/> In case of Non-Company ground crew: Rigging procedures must be briefed <input type="checkbox"/> No cell phone/camera use during external loads <input type="checkbox"/> Essential crew only



SECTION 7

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

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

PROJECT: EDISON POLE REPLACEMENT WORK ORDER #: TD 1471024
 ADDRESS 30800 BOUQUET CANYON RD : CANYON COUNTRY CA
 LANDING ZONE LATITUDE 34°30'4.59"N LONGITUDE 118°27'12.80"W
4875117E LATITUDE 34°33'41.28"N LONGITUDE 118°24'1.87"W 45 H 1 2400 LBS
 CONTACT AT SITE: WAYNE RHODES PHONE#: 909-203-0737
 CONTRACTOR: HAMPTON TEDDER EDISON SUB

PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
 2. BUCKEY MACKAY CERT #: 2778051
 3. MICHAEL KLINK CERT# 3018828
 4. IAN GOODALE CERT# 3741973

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

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) POLES IN (1) POLES OUT (2) CARGO LOAD: EXTL CL B TYPE OF ITEM LIFTING: AERODYNAMIC NON- AERODYNAMIC MAX 2400 LBS

NO. OF LIFTS: 4 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
2-26-2020	SUNRISE	SUNSET	2-20-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA CLARITA SHERIFF DEPARTMENT	661-255-1121	WATCH COMMANDER	NOTIFY
LOS ANGELES COUNTY FIRE	661-724-3331	STATION 157	NOTIFY



Part 135 GH 4A Part 133 GH 4L

NON Congested Area Plan

Crowd Control

Evacuation

No Evacuated Structures

Evacuated Structures

Operator

Contractor

Street Closure

Yes No

Contractor

Operator

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		
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.

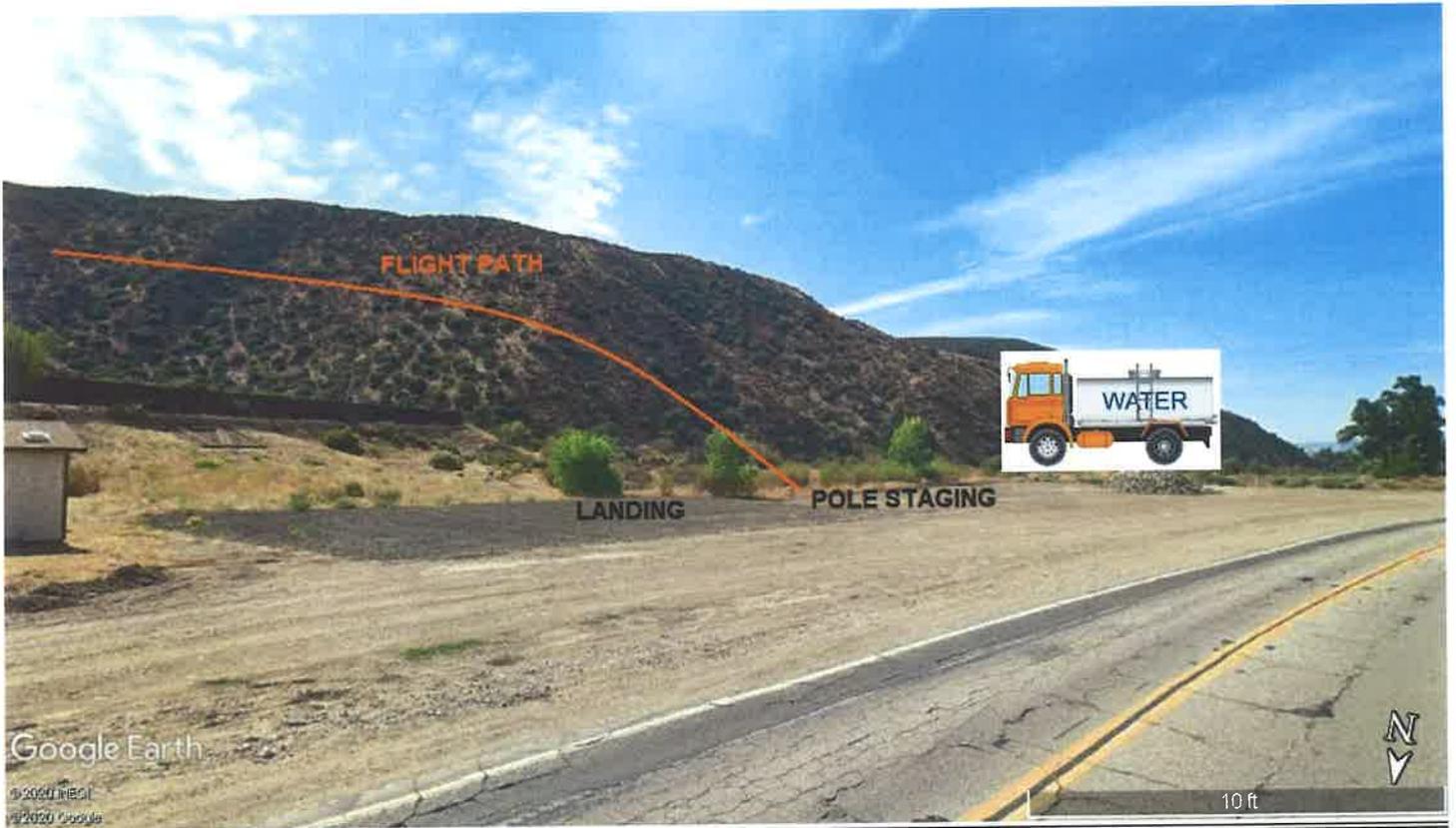
THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

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

1. HELICOPTER WILL LAND AT THE LZ TO CONNECT THE LONGLINE AND CONDUCT A SAFETY TAILBOARD
2. POLE WILL BE STAGED AT THE LZ
3. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. RADIOS WILL BE PROVIDED TO EACH POLE SITE
6. WATER TRUCK REQUIRED AT LANDING ZONE
7. SAN FRANCISQUITO CANYON ROAD AND CI EL FUENTE WILL EXPERIENCE INTERMITTENT CLOSURES
8. SEE DIAGRAM FOR STREET CLOSURE AND FLAGMAN REQUIREMENTS.
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

THE HELICOPTER WILL LAND AT THE LANDING ZONE CONDUCT A SAFETY BRIEF AND WHEN THE LINEMAN ARE READY THE STREETS WILL BE CLOSED. IF REQUIRED THE HELICOPTER WILL FLY TOOLS AND CARGO TO THE POLE SET SITES. WHEN THE LINEMAN ARE READY FOR THE NEW POLE THE HELICOPTER WILL FLY THE POLES FROM THE LANDING ZONE TO THE POLE SET SITES. WHEN THE LINEMAN ARE READY TO REMOVE THE OLD POLE THE HELICOPTER WILL FLY THE OLD POLE FROM THE POLE SET SITE TO THE LANDING ZONE. WHEN COMPLETE THE HELICOPTER WILL FLY THE TOOLS AND EQUIPMENT OUT OF THE SITE. THE STREET WILL ONLY BE CLOSED WHEN THE HELICOPTER IS FLYING







2-20-2020
DATE OF SUBMISSION

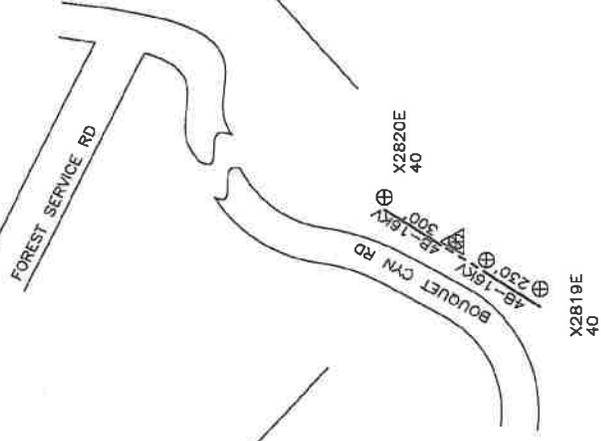
Jeffrey M. Jentura

COMPANY OFFICIAL / TITLE

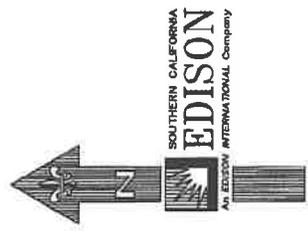
- * NOTES: JOINT POLE
- ENVIRO POLE - OPEN & WEEDY
- BULLETIN 322 AREA
- EAGLE ZONE
- TRAFFIC CONTROL REQ'D
- HAND SET
- RIGHTS CHECK REQ'D
- REAL PROP. REVIEW
- PERMIT REQ'D - GOVT LAND
- SET 1' SOUTH WEST

1
 45'
567434H
 Class C4
 RM: 1- POLE 45' CLASS 4 WOOD FULL TREAT
 RM: 1- XA SNGL FB 10' STEEL PINS
 RM: 3- INS CLASS & PIN 16KV

N 34° 33' 41.26"
 W 118° 24' 01.90"
 ELEVATION: 2,638'
POLE
 45'
4875117E
 Class H1
 2
 RN: 1- POLE 45' CLASS H1 WOOD FULL TREAT
 RN: 1- XA SNGL TAN HD COMP 10' W/PKT
 RN: 3- INS POLY W/PIN 16KV CLMP #6-4/0 CU
 RN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653



TRANSFER (S):
 3/C 4B-16KV @ 37'6"



NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)	
EDISON EMBROID REQUIRED	<input type="checkbox"/>
PMO BB REQUIRED	<input type="checkbox"/>
UG CIVIL ONLY MARK ORDER	<input type="checkbox"/>
PERMIT REQUIRED	<input type="checkbox"/>
PERMIT TYPE STATE/FED LAND	<input type="checkbox"/>
OUTAGE REQUIRED	<input type="checkbox"/>
TRAFFIC CONTROL REQUIRED	<input type="checkbox"/>
PD. TRAFFIC CONTROL REQ'D	<input type="checkbox"/>
CONVEYANCE LETTER REQ'D	<input type="checkbox"/>
ENVIRONMENTAL CLEARANCE REQ'D	<input type="checkbox"/>
CSB 145 (TUM) REQ'D	<input type="checkbox"/>



DISTRICT	59 - VALENCIA	PROJ. MGR. PARK, JU	PLANNER ASP	DESIGNER ASP	
PROJECT NO.	1684671	PHONE	909-222-9350	PHONE	714-893-2405
SERVICE REQUEST	2591284	MSR NO.	PRODUCT-1	PRODUCT-1	
CIRCUIT / VOLTAGE	BOUQUET 16KV	THOMAS GUIDE	1471024-INFRA REPLAC -	INFRA REPLAC - DET POLE REPLACEMENT	
SUB / PG NO.	SOLEMINT SUB	CIRCUIT CODE	PRODUCT-2	PRODUCT-2	
INVENTORY MAP	128-64	J.P.A. NO.	409852484	PRODUCT-3	
PROPOSED CONSTRUCTION (LOCATION)	POLE# 567434H				
	40' E/O BOUQUET CYN RD 7,270' S/O FOREST SERVICE RO				
	SANTA CLARITA				
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
				ASP	
Southern California Edison Company					DESIGN/DRAWING NO.
					1090721_0.01

44

BOUQUET DAM

210118E

844279E

1/12-20K

NOTE: BOUQUET CYN RD
3002E CALLS THE BRIGNSZTEJ
PROJECT ACCESSING POINTS
476569E & 476570E NH-663-2663-4439
CELL-310-435-8672

476570E

476564E

476561E

476547E

THE FALL 4/2/2008
CAMPGROUND

14614 BOUQUET CYN

AREA SUBJECT TO DISPATCHERS BULLETIN # 322
WHEN A NEW FLAG VARIATION IS IN EFFECT, THE LINC OR ALICE
THE LINC OR ALICE SECTION, SUBJECT TO BULLETIN 322 RELATIVE
LINC HAS BEEN COMPLETELY PATROLLED BETWEEN THE SOURCE
STATION OR STATIONS AND THE FALL

476547E

476548E

476549E

476550E

476551E

476552E

476553E

476554E

476555E

476556E

476557E

476558E

476559E

476560E

156118E

LAKESIDE SOURCE CAUTION FIRE #

476508E

476471E

476471E

476571E

THE BIG OAK LODGE

14614