

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: 5-6-2020 - 5-14-2020

- ☐ SAFETY BRIEF SIGN IN Kernville -
- ☐ GHI CREW INTRODUCTION NON-CAP
- ☐ IS A TRANSLATOR REQUIRED 27 poles max 2800
- ☐ WORK STOP AUTHORITY 1 poles 7002 3100 No promises they will verify the weight
- ☐ DESIGNATE A 911 CALLER 801 756799 FR00323
- ☐ 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

[illegible]

Non-compliance with established procedures may result in your removal from the mission

Tailboard & Helicopter Safety Briefing

Pilot:

Support Crew:

Location:**Mission:****Aircraft:**

Note: By signing this document you acknowledge you understood all items briefed to you and that you are responsible for insuring all loose items are secured when working under a helicopter.

[illegible]

Non-compliance with established procedures may result in your removal from the mission

Non-compliance with established procedures may result in your removal from the mission

Note: By signing this document you acknowledge you understood all items briefed to you and that you are responsible for insuring all loose items are secured when working under a helicopter.

[illegible]

Tailboard & Helicopter Safety Briefing

Pilot:

Support Crew:

Location:**Mission:****Aircraft:**

DATE _____

PRINT NAME

SIGNATURE

COMPANY

[illegible]

Non-compliance with established procedures may result in your removal from the mission

Note: By signing this document you acknowledge you understood all items briefed to you and that you are responsible for insuring all loose items are secured when working under a helicopter.

[illegible]

Non-compliance with established procedures may result in your removal from the mission

[illegible]

Non-compliance with established procedures may result in your removal from the mission

Pilot:
Support Crew:
Location:
Mission:
Aircraft:

[illegible]

Tailboard & Helicopter Safety Briefing

Pilot:

Support Crew:

Location:**Mission:****Aircraft:**

DATE	PRINT NAME	SIGNATURE	COMPANY
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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



Air Operation / Air Support Requests

Home Recycle Bin

Flight Request

SOUTHERN CALIFORNIA EDISON An EDISON INTERNATIONAL Company	Aircraft Operations Flight Request Form	
If you have any questions, please call Aircraft Operations at : 909-974-4676		
- Requestor Information - Flight Request ID: FR00323		
Flight Requested by: ☒ SCE: ☐ Contractor:		
Requester Name: Kenneth Williams Requester Email: Kenneth.Williams@SCE.com	SAP/TD Accounting No: 801756799 <i>*Use commas to separate multiple numbers</i>	
Office Number: i.e. (xxx) xxx-xxxx	Cell Number: (626) 201-0001 i.e. (xxx) xxx-xxxx	
Department: Transmission		
- General Flight Information -		
General Area: City of Kernville	District: KERNVILLE	EOI Related? ☐
Pick-up location:	Drop-off location:	
LZ Coordinates (if known):		
Requested Start Date: 05/04/20	Requested End Date: 5/14/2020	Time of Pick-up:
Note: Do not schedule outages until Air Ops has confirmed aircraft availability		
Approx. mission duration or number of days helicopter is required (if known): 10 Days		
- Flight Description -		
Please choose a mission type:		
Camera: ☐ HD ☐ IR	SCE Passenger(s): ☐	External Load: ☐
Crew Support: ☐	Non-SCE Passenger(s): ☐	Recon: ☐
Pole Set: ☒ <i>Fill and attach this form if more than 5 Pole Sets.</i>	Patrol: ☐	Training: ☐
HEC: ☐	Photo: ☐	Line Stringing: ☐
Approval attachment required >>> Additional Poles FP.pdf Flight request approval.pdf Kernville WO Maps.zip		
Note: Please remove the following characters from the file title before attaching and Zip large files and folders with multiple files: # ~ / \ : * ? " < > %		
<i>Please attach all Work Order Maps and Photos for Pole Sets</i>		
Note: Please contact us at AirOps@sce.com or 909-974-4676 for any issues.		
2nd CONTACT		

Name: Casey O'Brien	Company Name: Henkel's and McCoy	
Email: Casey O'Brien <cobrien@henkels.com>	Mobile Number: (909) 455-5035	i.e. (xxx) xxx-xxxx

Mission Specific Details
 27 Helicopter sets for the Kernville Deteriorated Pole Project. H&M PM Casey O'Brien will be the contact for coordination in regards to Helicopter operations. Guardian is on board and providing support per H&M. Spoke with Alex

Pole Set - Approval must be obtained from: *Please attach all Work Order Maps and Photos*
OU Requesting Manager or OSC

- Pole Set Information -						
	Type	Length	Class	Weight (lbs)	Additional Equipment/Information	Weight (lbs)
1.	Wood	50	1	2336		
	GPS Coordinates (Lat/Long): 35.655730, -118.485382					
	Elevation: ?		Pole #: 954830E			
	Compliance Due Date: 12/14/18			Pending Date: 05/14/20		
2.	Wood	50	H1	2519		
	GPS Coordinates (Lat/Long): 35.725217, -118.4317121					
	Elevation: ?		Pole #: 1423705E			
	Compliance Due Date: 12/14/2018			Pending Date: 5/8/2020		
3.	Wood	40	H1	2000		
	GPS Coordinates (Lat/Long): 35.713281, -118.442240					
	Elevation: ?		Pole #: 1423730E			
	Compliance Due Date: 12/14/2018			Pending Date: 5/7/2020		
4.	Wood	40	H1	2000		
	GPS Coordinates (Lat/Long): 35.712340, -118.442746					
	Elevation: ?		Pole #: 1423732E			
	Compliance Due Date: 12/14/2018			Pending Date: 5/7/2020		
5.	Wood	40	H1	2000		
	GPS Coordinates (Lat/Long): 35.714324, -118.441521					
	Elevation: ?		Pole #: 1423737E			
	Compliance Due Date: 12/14/2018			Pending Date: 5/12/2020		
Pole Weight Totals:				10855	Additional Equipment Weight Totals: 0	



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 #: 801756799 FR00323

ADDRESS: 155 / 495 : KERNVILLE CA

LZ STAGING AREA LATITUDE 35°43'46.09"N LONGITUDE 118°25'13.88"W

LZ STAGING AREA LATITUDE 35°42'49.51"N LONGITUDE 118°26'17.89"W

LZ STAGING AREA LATITUDE 35°41'30.27"N LONGITUDE 118°27'37.88"W

LZ STAGING AREA LATITUDE 35°40'15.39"N LONGITUDE 118°28'9.81"W

LZ STAGING AREA LATITUDE 35°39'21.35"N LONGITUDE 118°28'45.46"W

LZ STAGING AREA LATITUDE 35°38'42.81"N LONGITUDE 118°28'42.60"W

LZ STAGING AREA LATITUDE 35°38'37.12"N LONGITUDE 118°28'41.06"W

SEE ATTACHED FOR POLE NUMBER AND LOCATION

FOR ANY MEDICAL EMERGENCY KERNVILLE AIRPORT WILL BE THE DESIGNATED DROP OFF LOCATION.

CONTRACTOR'S KENNETH WILLIAMS PHONE#: 626-201-0001
CONTACT AT SITE; CASEY O BRIEN HENKELS PHONE#: 909-455-5035
FOREMAN: BOB SCHIELDS PHONE#: 937-552-1132

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#: 3396777

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 POLE CARGO CLASS OF LOAD: EXTL CL B MAX WEIGHT 2600 LBS

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

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: (NO) XX (YES)



SECTION 7

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

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

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
5-6-2020 THRU 5-14-2020	SUNRISE	SUNSET	4-27-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
KERN COUNTY SHERIFF	760-549-2100	LAKE ISALBELLA	NOTIFY
KERN COUNTY FIRE	760-376-2219	STATION 76	NOTIFY

Evacuation

☒ No Evacuated Structures

☐ Evacuated Structures

Crowd Control

☒ 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
NO EVACUATIONS	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

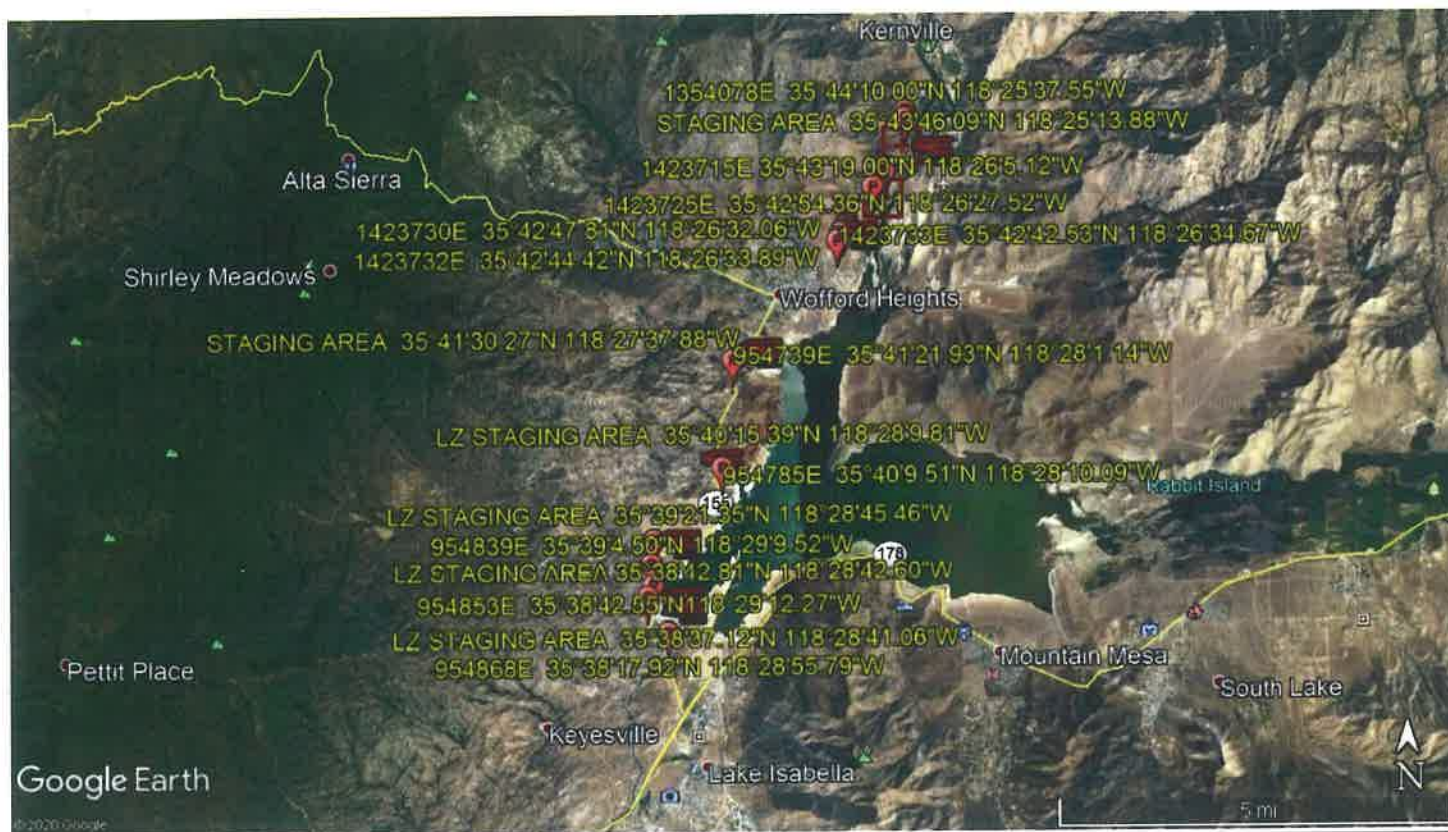
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE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

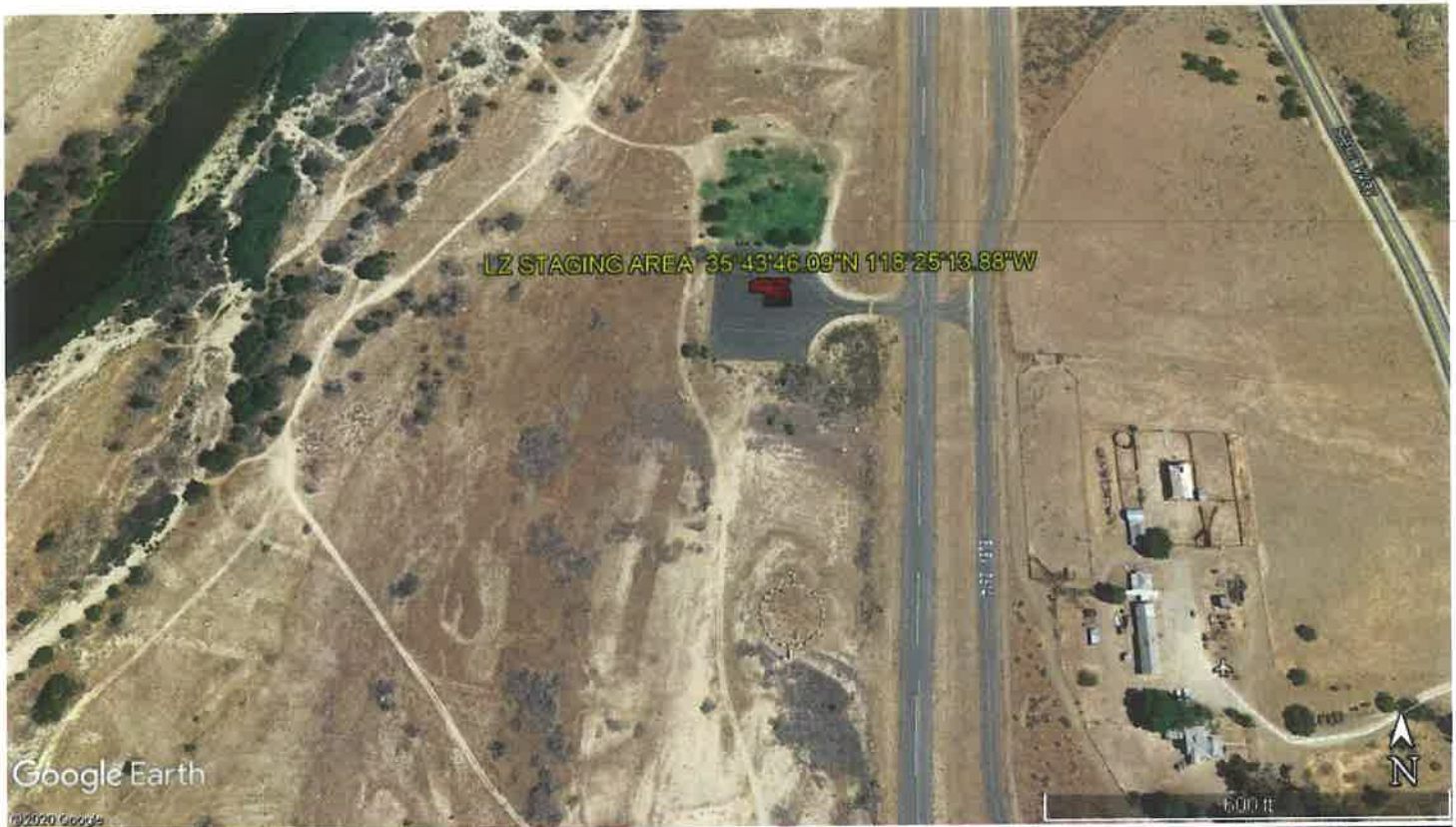
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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. HELICOPTER WILL LAND AT THE LZ TO CONNECT THE LONGLINE AND CONDUCT A TAILBOARD SAFETY BRIEF
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. STREET CLOSURE PER DIAGRAMS
5. WATER TRUCK REQUIRED AT IDENTIFIED LZ STAGING AREA
6. ADDITIONAL FLAGMAN WILL BE STATIONED PER DIAGRAM
7. EVACUATION NOT REQUIRED
8. POLES AND EQUIPMENT WILL BE AT IDENTIFIED STAGING AREA
9. ORDER OF OPERATION WILL BE DISCUSSED AT THE END OF EACH DAY TO DETERMINE THE NEXT DAY LZ AND STAGING AREA.
10. THE CONTRACTOR WILL TRIM TREES IF REQUIRED























Pole #s	GPS Locations	LOC
954868E	35.3818.13, -118285564	40
954853E	35.3842.51, -118291225	41
954848E	35.3850.25, -11829796	45
954839E	35.651250, -118485979	???
954830E	35.655730, -118485382	29
954785E	35.669307, -118.469469	39
954739E	35.6892234, -118466935	28
1423730E	35.713281, -118.442240	20
1423732E	35.712340, -118.442746	21
1423733E	35.711813, -118.442964	22
1423713E	35.722667, -118.433973	11
1423714E	35.722349, -118434383	12
1423715E	35.721945, -118434755	13
1423724E	35.715537, -118.440688	15
1423725E	35.715099, -118.440979	16
1423726E	35.714748, -118.441216	17
1423727E	35.714324, -118.441521	18
1423728E	35.713889, -118.441827	19
1423704E	35.725602, -118.431487	4
1423705E	35.725217, -118.4317121	5
1423706E	35.724829, - 118.431954	6
1423710E	35.723713, -118.433291	8
1423711E	35.723407, -118.433442	9
1423712E	35.723407, -118.433613	10
1354081E	35.735152, -118.427188	2
1354082E	35.734668, -118.427268	3
1354078E	35.441005, -118.253757	1

4-27-2020

DATE OF SUBMISSION

Jeffrey M. Furbush

COMPANY OFFICIAL / TITLE