

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: *Fresno County*

- ☐ SAFETY BRIEF SIGN IN *PGE 21-00340 3-1 Through 3-6*
- ☐ GHI CREW INTRODUCTION *UH-117*
- ☐ IS A TRANSLATOR REQUIRED *Non-cap*
- ☐ WORK STOP AUTHORITY *6 poles 80FT H2 LDSP 2800 Base*
- ☐ 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

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: - First aid/survival kit - Fire extinguisher - Fuel and battery shut off procedure - 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

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

GUARDIAN
HELICOPTERS, inc.

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

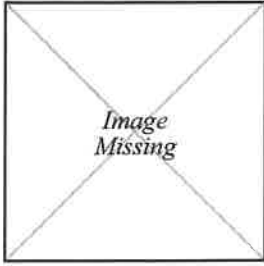
Non-compliance with established procedures may result in your removal from the mission

Pilot:
Support Crew:
Location:
Mission:
Aircraft:

[illegible]

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

21-00340 Request Summary



Requestor	Ashley M Bloom	Request Date	02/16/2021
LAN ID	AQB0	Work Type	Lift Work
Phone	(707) 449-5832	Lift Work Type	Cargo
Cell	(707) 317-3009	Emergency Work	No
LOB	Electric GC	For Contractor	Yes
	Transmission Line		MICHELS
Vendor	Guardian Helicopters		

Work Dates

03/01/2021 - 03/06/2021 UH-1H

Scope of Work

FRESNO COUNTY
CAMDEN-KINGSBURG 70KV
CAP - NIL
DISPATCH NOTIFICATIONS - NIL

USFS/NATIONAL PARK TERRITORY - NIL
NOTIFICATIONS MADE - NIL

THIRD PARTY - MICHELS

CONTACTS -
REQUESTOR - GREG KLASSA - 920.539.5957
FOREMAN - AARON MACHESKI - 920.634.6524
PGE PM - JIM MIGLIORE J81W

SCOPE - TRANSPORT POLES FROM LZ TO WORK LOCATION FOR POLE REPLACEMENTS.
REMOVE OLD POLES. 80' H2 LDSP - 2800LBS BARE.

LZ/WORK LOCATION INFORMATION -
LZ OK, NO OBSTRUCTIONS. LZ DIAMETER VERIFIED FOR TYPE 2 AIRCRAFT - 200FT.
WORK LOCATIONS OK, NO OBSTRUCTIONS.

REQUESTOR TO ENSURE TRAFFIC MITIGATION IS IN PLACE.

Daily Information

03/01/2021 - 03/06/2021

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

08:00 - LZ	LZ - S DEL RAY AVE	36 29.22'N 119 35.80'W	<no headquarters>	<no county>	300 ft
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--- - Work Location

21-00340 Request Summary

70112 CAMDEN-KINGSBURG	36 29.15'N 119 35.70'W	Line #: 000/003	FRESNO	<no county>	300 ft
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--- - **Work Location**

70112 CAMDEN-KINGSBURG	36 28.89'N 119 35.89'W	Line #: 000/009	FRESNO	<no county>	300 ft
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--- - **Work Location**

70112 CAMDEN-KINGSBURG	36 28.89'N 119 36.11'W	Line #: 000/012	FRESNO	<no county>	300 ft
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--- - **Work Location**

70112 CAMDEN-KINGSBURG	36 28.89'N 119 36.20'W	Line #: 000/013	FRESNO	<no county>	300 ft
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--- - **Work Location**

70112 CAMDEN-KINGSBURG	36 28.89'N 119 36.37'W	Line #: 001/000	FRESNO	<no county>	300 ft
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--- - **Work Location**

70112 CAMDEN-KINGSBURG	36 28.89'N 119 36.46'W	Line #: 001/001	FRESNO	<no county>	300 ft
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Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	---	Over Water	---
Fuel Truck	Yes	Cargo Weight	3100.0 lbs
Special Equipment	---	Billing Number	31416229 100%
Comments	---	Req. Notifications	---

Talk About #	151.76	Talk Group	151.76	Talk Radio #	151.76
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21-00340 - March 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	1 08:00 -16:00 UH-1H LZ - S DEL RAY AVE 36 29.22'N 119 35.80'W	2 08:00 -16:00 UH-1H LZ - S DEL RAY AVE 36 29.22'N 119 35.80'W	3 08:00 -16:00 UH-1H LZ - S DEL RAY AVE 36 29.22'N 119 35.80'W	4 08:00 -16:00 UH-1H LZ - S DEL RAY AVE 36 29.22'N 119 35.80'W	5 08:00 -16:00 UH-1H LZ - S DEL RAY AVE 36 29.22'N 119 35.80'W	6 08:00 -16:00 UH-1H LZ - S DEL RAY AVE 36 29.22'N 119 35.80'W
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
4	5	6	7	8	9	10



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: PG&E POLE SET WORK ORDER #: 21-00340
ADDRESS: E ELKHORN CITY : KINGSBURG STATE: CA

LZ STAGING AREA LATITUDE 36°29'12.93"N LATITUDE 119°35'47.99"W

000/003 LATITUDE 36°29'9.00"N LATITUDE 119°35'42.00"W

000/009 LATITUDE 36°28'53.40"N LATITUDE 119°35'53.40"W

000/012 LATITUDE 36°28'53.40"N LATITUDE 119°36'6.60"W

000/013 LATITUDE 36°28'53.40"N LATITUDE 119°36'12.00"W

001/000 LATITUDE 36°28'53.40"N LATITUDE 119°36'22.20"W

001/001 LATITUDE 36°28'53.40"N LATITUDE 119°36'27.60"W

CONTACT REQUESTOR: ASHLEY M. BLOOM PHONE#: 707-449-5832

CONTACT FORMAN: TBD PHONE#: 707-317-3009

PILOT'S NAME(S):

- | | |
|-------------------------|------------------------|
| 1. <u>JOHN OLSON</u> | <u>CERT #: 2769166</u> |
| 2. <u>BUCKEY MACKAY</u> | <u>CERT #: 2778051</u> |
| 3. <u>MICHAEL KLINK</u> | <u>CERT#: 3018828</u> |
| 4. <u>IAN GOODALE</u> | <u>CERT#: 3741973</u> |
| 5. <u>ROSS GOULET</u> | <u>CERT#: 3396777</u> |

TYPE OF AIRCRAFT:

BELL UH-1H N# N777GH A/C CATEGORY: RESTRICTED

BELL 407 N# N407GH A/C CATEGORY: STANDARD

BELL 407 N# N447GH 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: 80 H2 LDSP 2800 LBS BARE CARGO LESS 3100 LBS LOAD: EXT CL B TYPE OF ITEM

LIFTING: ☐ AERODYNAMIC ☒ NON- AERODYNAMIC LONG LINE: (NO) XXX (YES) LESS 150 FT
(LENGTH) OPERATIONAL ALTITUDE: < 250 AGL STREET CLOSING: (NO) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
3-1-2021 3-6-2021	SUNRISE	SUNSET	2-19-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
KINGSBURG POLICE DEPARTMENT	559-897-4418	DISPATCH	NOTIFIED
KINGSBURG FIRE DEPARTMENT	559-897-5457	DISPATCH	NOTIFIED
AIRPORT	N/A	N/A	N/A



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

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
NONE	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

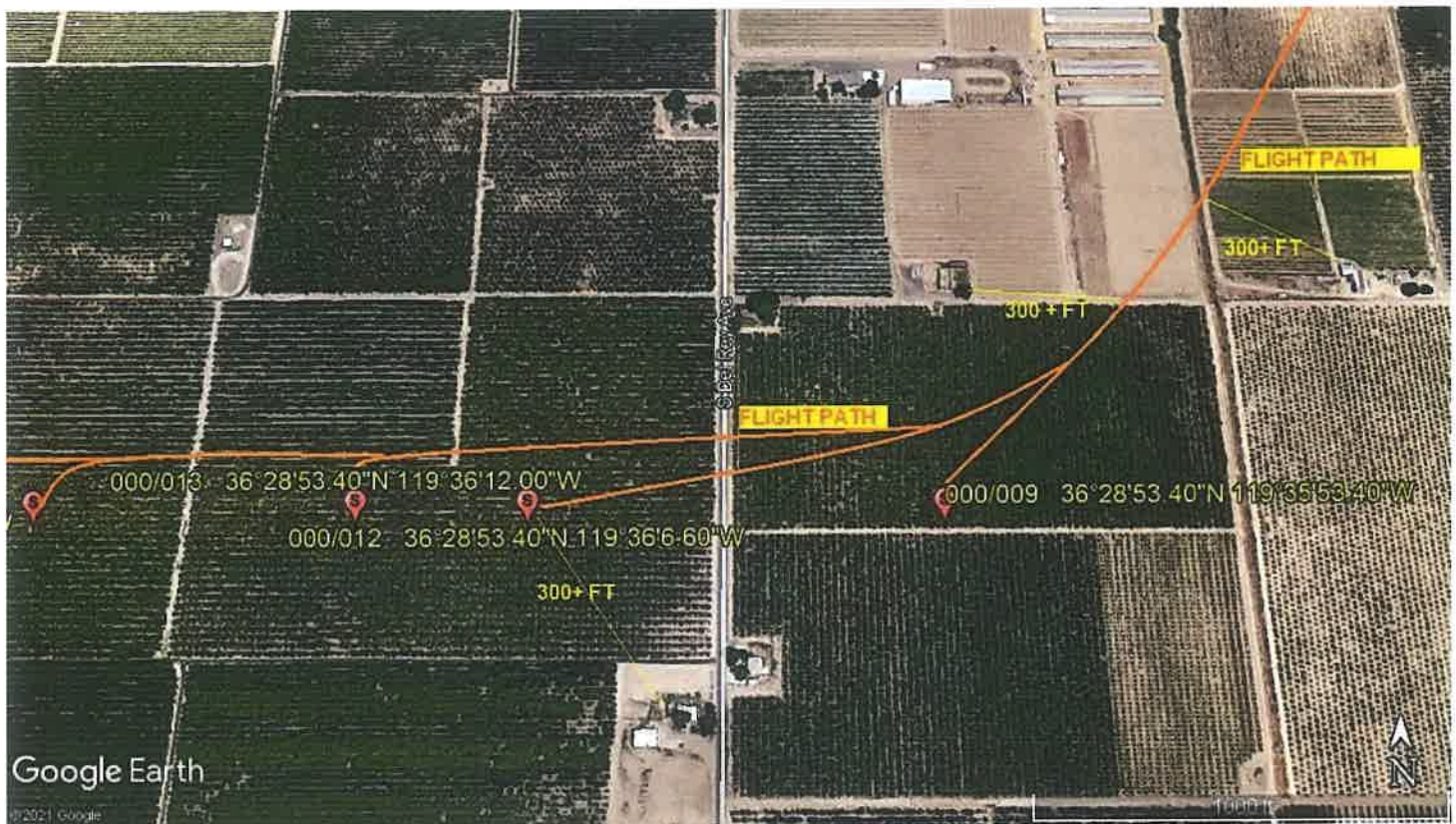
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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 LANDING ZONE TO CONDUCT TAILBOARD.
2. PILOT WILL COORDINATE WITH POLE SITES TO PERFORM TAILBOARD.
3. TAILBOARD WILL BE CONDUCTED AT POLE STAGING AREA
4. WATER TRUCK IS REQUIRED AT LANDING AREAS
5. NO EVACUATIONS
6. STREET CLOSURE ONLY DURING AIRCRAFT FLYING A LOAD ACROSS THE STREET SEE DIAGRAM
7. TREE TRIMMING IF REQUIRED



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 = (UB)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

12-23-2020

DATE OF SUBMISSION

A handwritten signature in cursive script, reading "Jeffrey M. Teubner".

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator