

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN *3-24 3-25 21-00548*
- ☐ GHI CREW INTRODUCTION *Non-Cap*
- ☐ IS A TRANSLATOR REQUIRED *UH-1H working w/ Light ship (HEL)*
- ☐ WORK STOP AUTHORITY *Less 2500 LBS*
- ☐ 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

Tailboard & Helicopter Safety Briefing

Aircraft:

COMPANY

[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

[illegible]

21-00548 Request Summary



Requestor	Hector Cadena	Request Date	03/16/2021
LAN ID	H1CB	Work Type	Lift Work
Phone	(408) 205-0041	Lift Work Type	Cargo
Cell		Emergency Work	No
LOB	Electric GC	For Contractor	No
	Transmission Line		
Vendor	Guardian Helicopters		

Work Dates

03/24/2021 - 03/25/2021 UH-1H

Approver	Supervisor Sean P McCall (SPM0)	SPM0@pge.com	(C) (530) 526-7388
Foreman	Terrence D Daniels (TDD0)	(P) (916) 386-5579	(C) (530) 957-3858

Scope of Work BUTTE/PLUMAS COUNTY
BELDEN TAP
CAP- NIL
DISPATCH NOTIFICATIONS- RODGERS FLAT

USFS/NATIONAL PARK TERRITORY- PLUMAS
APPROVAL RECEIVED- YES

SCOPE- TRANSPORT LATTICE TOWER FROM LZ TO WORK LOCATION FOR
REPLACEMENT.

HEC ON SITE - R413.

LZ/WORK LOCATION INFORMATION-

LZ- OK, NO OBSTRUCTIONS, LZ APPROVAL RECEIVED . LZ SLIGHTLY SLOPED
LZ DIAMETER VERIFIED FOR TYPE # 2 AIRCRAFT- 160 FEET DIAMETER,** RAILWAY ON
THE OTHER SIDE OF LZ WILL REQUIRE FLAGGERS IF CROSSING OVER DURING FLIGHT
PATH.

WL- OK, TREES AND RIVER WITHIN CLOSE PROXIMITY.

**DUST/TRAFFIC MITIGATION TO BE PROVIDED PER REQUESTOR (IF APPLICABLE)

Daily Information

03/24/2021 - 03/25/2021

Asset Category: MEDIUM

Asset Type: UH-1H

Locations

08:00 - LZ	LZ RODGERS FLAT	39 57.71'N 121 16.69'W	<no headquarters>	<no county>	2100 ft
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--- - Work Location

21-00548 Request Summary

20013A BELDEN TAP 230 KV

40 00.46'N
121 15.05'W

Line #: 000/001A,B,C

TABLEMTN

<no county>

2502 ft

Est. Use Hours 8.00
Contract ---
Fuel Truck Yes
Special Equipment ---
Comments ---

Vendor Guardian Helicopters
Over Water ---
Cargo Weight 2500.0 lbs
Billing Number 31500088 100%
Req. Notifications ---

Talk About # 108

Talk Group

7

Talk Radio #

31611

21-00548 - March 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24 08:00 -16:00 UH-1H LZ RODGERS FLAT 39 57.71'N 121 16.69'W	25 08:00 -16:00 UH-1H LZ RODGERS FLAT 39 57.71'N 121 16.69'W	26	27
28	29	30	31			
4	5	6				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 #: 21-00548

ADDRESS: FEATHER RIVER HWY (70) CITY : BELDON STATE: CA

LANDING ZONE LATITUDE 39°57'42.62"N LONGITUDE 121°16'41.30"W ELEVATION 2400 FT

000/001A,B,C LATITUDE 40° 0'27.78"N LONGITUDE 121°15'3.24"W ELEVATION 2350 FT

CONTACT REQUESTOR: SEAN P MCCALL PHONE#: 530-526-7388

CONTACT FORMAN: TERRANCE DANIELS PHONE#: 530-957-3858

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# 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: TOWER LESS 2500 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
3-24-2021	SUNRISE	SUNSET	3-18-2021
3-25-2021	SUNRISE	SUNSET	3-18-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PLUMAS COUNTY SHERIFF DEPARTMENT	530-283-6375	DISPATCH	NOTIFIED
QUINCY FIRE DEPARTMENT	530-283-0870	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. PARKING LOT NEAR STRUCTURE WILL BE VACANT FOR AN EMERGENCY LZ
3. TAILBOARD WILL BE CONDUCTED AT POLE STAGING AREA
4. WATER TRUCK IS REQUIRED AT LANDING AREAS
5. NO EVACUATIONS
6. STREET CLOSURE AT LZ AND AT STRUCTURE
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)	

3-18-2021

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator