

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: PGE 21-01167

☐ SAFETY BRIEF SIGN IN

☐ GHI CREW INTRODUCTION

☐ IS A TRANSLATOR REQUIRED

☐ WORK STOP AUTHORITY

☐ 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

SAN Miguel CA 6-26-2021
HEC, AIR CHAIR, CARGO
NON-CAP



HELICOPTER HEC OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER HEC OPERATIONS A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST THIS DOES NOT SUPERSEDE INITIAL HEC TRAINING REQUIREMENTS

- ☐ CONDUCT STANDARD HELICOPTER LIFT SAFETY BRIEF PRIOR TO HEC SAFETY BRIEF
- ☐ HEC SAFETY BRIEF SIGN IN
- ☐ INITIAL HEC TRAINING VERIFIED ISSUE STICKER DISPLAYED ON HELMET
- ☐ WORK STOP AUTHORITY
- ☐ PPE REQUIREMENTS (HELMETS, EYEWEAR, GLOVES AND FOOTWEAR)
- ☐ HARNESS, FITMENT, CONDITION AND LOAD LIMIT
- ☐ PROPER USE OF ATTACHMENT EQUIPMENT (CARABINERS)
- ☐ BUDDY /SELF CHECK
- ☐ COMMUNICATIONS REQUIREMENTS VIA RADIO OR HEAD AND HAND SIGNALS (RADIO WILL BE TETHERED OR SECURED)
- ☐ NO EQUIPMENT WILL BE TRANSPORTED DURING HEC
- ☐ HEC SHORT HAUL OPERATIONS PLAN, DAILY MISSION
- ☐ INSERTION POINT AND AREA HAZARDS
- ☐ HEC ATTACH ZONE AND WAITING AREA
- ☐ EMERGENCY PROCEDURES; ENGINE FAILURE, TR FAILURE, HOOK FAILURE, LINE ENTANGLEMENT)
- ☐ NO CELL PHONE OR CAMERA USED DURING HEC

Pilot:

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



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 HEC AIR CHAIR CARGO MIDSPAN WORK ORDER #: 21-01167ADDRESS: SLACKS CANYON ROAD CITY: SAN MIGUEL STATE: CALANDING ZONE LATITUDE 35°58'51.75"N LONGITUDE 120°32'43.22"W16/2 LATITUDE 36° 0'23.37"N LONGITUDE 120°32'39.69"W16/1 LATITUDE 36° 0'25.52"N LONGITUDE 120°32'27.64"W14/5 LATITUDE 36° 1'0.73"N LONGITUDE 120°31'9.43"W**CUSTOMER REQUEST AIR CHAIR**CONTACT REQUESTOR: GREG KLASSAPHONE#: 920-539-5957CONTACT FORMAN: JEFF KLEINTPHONE#: 920-539-3417

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: RESTRICTEDBELL 407 N# N407GH A/C CATEGORY: STANDARDBELL 407 N# N447GH A/C CATEGORY: STANDARDBELL 205A1 N# N216GH A/C CATEGORY: STANDARDAS350 B2 N# N498PT A/C CATEGORY: STANDARDAS350 B3 N# N718GH A/C CATEGORY: STANDARDAS350 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: HEC, AIR CHAIR CARGO MIDSPAN WORK 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: (N0) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-26-2021	SUNRISE	SUNSET	6-16-2021
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
PASO ROBLES POLICE DEPARTMENT	805-237-6464	DISPATCH	NOTIFIED
SAN MIGUEL FIRE DEPARTMENT	805-467-3300	DISPATCH	NOTIFIED
PASO ROBLES AIRPORT	805-237-3877	FBO	FBO



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. TAILBOARD WILL BE CONDUCTED AT STAGING AREA
3. HEC TRAINING WILL BE CONDUCTED AT STAGING AREA
4. WATER TRUCK IS REQUIRED AT LANDING AREAS
5. NO EVACUATIONS
6. NO STREET CLOSURE
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)	

6-16-2021

DATE OF SUBMISSION

Jeffrey M. Teubner

COMPANY OFFICIAL / TITLE

Jeffrey M. Teubner Flight Coordinator

21-01167 Request Summary



Requestor	Ashley M Bloom	Request Date	06/09/2021
LAN ID	AQB0	Work Type	Lift Work
Phone	(707) 449-5832	Lift Work Type	HEC -
Cell	(707) 317-3009		Non-Energized
LOB	Electric GC	For Contractor	Yes
	Transmission Line		MICHELS
Vendor	Guardian Helicopters		

Work Dates

06/26/2021 AS350B2

Approver

Superintendent Michael J Milbury (M1MT)

M1Mt@pge.com

(C) (805) 400-8721

Scope of Work

MONTEREY COUNTY
COALINGA #1-SAN MIGUEL 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 - JEFF KLEINT - 920.539.3417
PGE PM - ALBERTO MANCERO A9MR

SCOPE - HEC || LONG LINE MEN, INSULATORS, SLEEVING WIRE AND MATERIALS FROM
LZ TO WORK LOCATIONS FOR WIRE SLEEVING MIDSPANS AND INSULATOR
REPLACEMENTS.

LZ/WORK LOCATION INFORMATION -
LZ OK, NO OBSTRUCTIONS. LZ DIAMETER VERIFIED FOR TYPE 3 AIRCRAFT - 200FT.
WORK LOCATIONS OK, NO OBSTRUCTIONS.

REQUESTOR TO ENSURE TRAFFIC MITIGATION IS IN PLACE AS NEEDED.

Daily Information

06/26/2021

Asset Category: LIGHT

Asset Type: AS350B2

Locations

08:00 - LZ

LZ - SLACKS CANYON RD

35 58.86'N
120 32.72'W

<no headquarters>

<no county>

21-01167 Request Summary

Dust/Snow Mitigation Plan:

Surface will have water applied prior to landing.

--- - Work Location

70016 COALINGA #1-SAN MIGUEL 70 KV 36 01.01'N Line #: 014/005 PISMOBCH <no county> 3300 ft
120 31.16'W

Dust/Snow Mitigation Plan:

--- - Work Location

70016 COALINGA #1-SAN MIGUEL 70 KV 36 00.43'N Line #: 016/001 PISMOBCH <no county> 3100 ft
120 32.46'W

Dust/Snow Mitigation Plan:

--- - Work Location

70016 COALINGA #1-SAN MIGUEL 70 KV 36 00.39'N Line #: 016/002 PISMOBCH <no county> 2900 ft
120 32.66'W

Dust/Snow Mitigation Plan:

Est. Use Hours	8.00	Vendor	Guardian Helicopters
Contract	PSPS GUARDIAN (AS350B2)	Over Water	No
Fuel Truck	Yes	Cargo Weight	1800.0 lbs
Special Equipment	AIR CHAIR	Billing Number	44721174 100%
Comments	---		31519494 100%
		Req. Notifications	---

Talk About #	151.76	Talk Group	151.76	Talk Radio #	151.76
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21-011167 - June 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26 08:00 -16:00 AS350B2 LZ - SLACKS 35 58.86'N 120 32.72'W
27	28	29	30	1	2	3
4	5	6	7	8	9	10