



HELICOPTER EXTERNAL LOAD OPERATION

 CAP NON CAP

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DATE: April 6, 2011

FLY DATE: April 15, 2011

Date range: 4/15/11- 6/30/11

PROJECT NAME:	LOCATION:
Fallbrook	Site #1 N 33 21' 02.16" W 117 09' 19.99" Site #2 N 33 19' 47.25" W 117 12' 34.41"
LIFT DESCRIPTION, WEIGHTS, NUMBER OF LIFTS:	
One lift of a steel pole. Weight appx. 15,000 lbs. To be flown from Location #1 pick site at Northwest end of golf course to the Southeast end near Interstate 15. Two additional poles to be flown at Location #2. See attachments.	
OPERATORS SPECIFICS:	CAP PREPARED BY:
Erickson Air Crane 3100 Willow Springs Road Central Point, Oregon 97502 Ph. #1-800-866-9431 Fax # 541-664-7613 Certificate #E8KL899H	Brad Warren bwarren@ericksonaircrane.com #541-326-9448 Bill Neckels bneckels@ericksonaircrane.com #541-326-9448
	AIRCRAFT:
	SK 64 F N237AC S/N: 64095 Airworthiness: Transport
CUSTOMERS SPECIFICS:	FSDO SPECIFICS:
PAR-Mark Aragon, Mobile 619-977-2741 Herman Weissker Inc.-Tony Del-Rio, Mobile 619-677-7197	FSDO 8525 Gibbs Drive Suite 120 San Diego, California 92123 Contact: Inspector James McNamara james.d.mcnamara@faa.gov Ph. #858-502-9882 Ext.285 Fax # 858-502-9885

EXAMINED AND APPROVED

DATE

APRIL 7, 2011

 FAA FSDO WP-09
SAN DIEGO, CA



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PILOT DATA:

Certificates and Medicals on file for: Brad Warren, Bill Neckels, Max Evans, Mike Connor, Vern Sanders, Dale Weir, Vic Johnson, Travis Harrold, Fran Tebbe, Mike Life, Jamie Fallon.

LAW ENFORCEMENT AGENCIES CONTACTED:

n/a

HIGHWAY/ROAD DEPT. AGENCIES CONTACTED:

PAR to utilize traffic control along Old Highway 395.



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PROCEDURES FOR CEASING OPERATIONS:

If a potential for a hazard should occur, the person(s) observing the hazard will notify the Erickson Air Crane (EAC) crew, the SDGE crew or the aircraft directly. Hazards could include, but are not limited to breach of the sterile area by any unauthorized persons and any other events that could cause danger to persons or property. The radioman will contact the pilot by radio and the operation will be suspended until the work environment is secured and safe.

STERILE AREA & FLIGHT CORRIDORS

All non-essential persons will not be allowed inside the Sterile area. All personnel involved with the lift will be briefed on procedures and safety information prior to the commencement of the lift operations. In the case of operations in the flight corridors, flight crew will self clear the flight path enroute. The Flight Corridors allow for sufficient operational area to see and avoid intrusions in this space. In the event of an intrusion of the border of this area, Corridor allows a minimum of 300 feet clearance in order to avoid the intrusion. If unable, operations cease until rectified.

FLIGHT NOTIFICATION TO FSDO:

Notification to the FSDO will be made to advise of specific flight operation dates within a range of dates specified in this plan. This can be an email or phone to call to advise that we will operate on a particular date. It is not necessary to receive a confirmation call back from the FSDO before operating. It is advisory in nature for the FSDO.

REQUIRED SAFETY EQUIPMENT:

Hard hats, chin straps, eye protection, gloves, high visibility clothing.

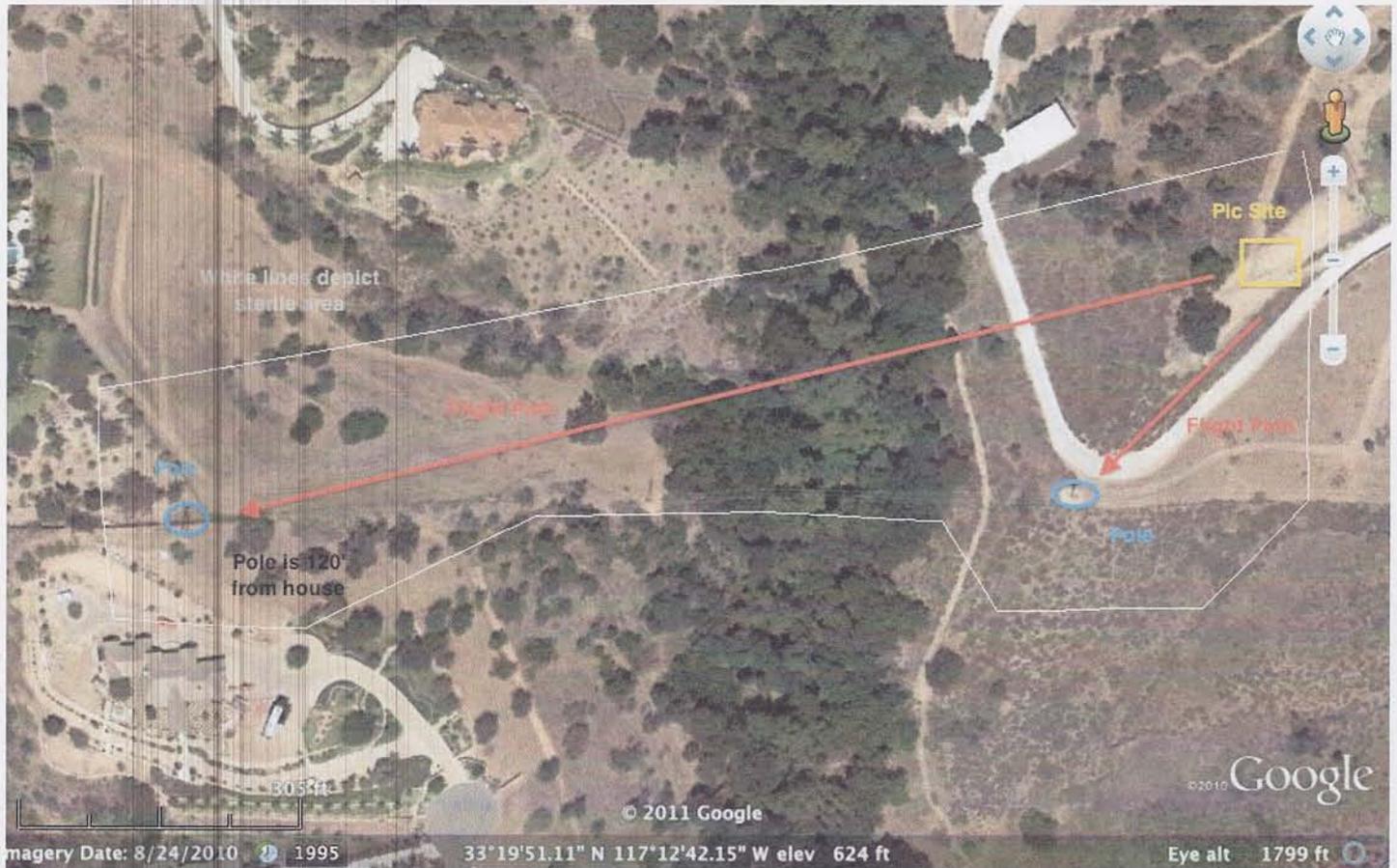
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ATTACHMENTS:



The pole to the west will require that near house to either be evacuated or the occupant to remain inside during the set. It is 120' from the pole to the house. The pole nearest the Pic Site is clear. Road guards will be in place on road near Pick Site.

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ATTACHMENTS:



Golf cart traffic to be controlled during set.

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ATTACHMENTS:



Green shading border with red lines depicts sterile area. This area to be cleared visually.

ATTACHMENTS:

JOB DESCRIPTION	LOAD WT	LOAD & RTR WASH	ELEVATION	FLY DISTANCE
Fallbrook Poles	13,000	13,000	1000'	1200'
	PA & TEMP	DA	HP AVAIL	TQ AVAIL
	1000' & 35C	3500'	8400	87.0%
PERFORMANCE CALC		LIMIT CALC		
46,400		46,000		
FLIGHT PHASE	TIME		FUEL CALC	At 550 Gal/hr.
	In Minutes			
START & LIFTOFF	10		FUEL REQ.	3317
OUTBOUND LEG	12		Min. Fuel	1000
SET	20		TOTAL LBS. FUEL	4317
INBOUND LEG	12		TOTAL GAL. FUEL	495
LANDING	2		FUEL/SIDE	2158
TOTAL TIME	54			
WEIGHT AND BALANCE				
	WEIGHT	ARM	MOMENT	
A/C Config. WT	22644	333.9	7561284	
FWD PILOTS (2)	400	94.0	37600	
AFT PILOT	200	130.0	26000	
JUMPSEAT		108.5	0	
FUEL FWD	2158	280.8	606037	
FUEL AFT	2158	397.3	857473	
FUEL AUX		461.3	0	
TOTALS	27561	329.8	9088394	
ADD LOAD	13,000	333.0	4329000	
Grand Total	40561	330.8	13417394	
TOTAL GROSS	40561	COMPARE TO LIMIT CALC		46000
	Mode I	31,000	Mode II	36,800
SUMMARY	GO			
SIGNATURE	Brad Warren			