



HELICOPTER EXTERNAL LOAD OPERATION

CAP ☒NON CAP ☐

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DATE: February 15, 2011

PROPOSED FLY DATE: February 21, 2011 through June 21, 2011

PROJECT NAME: Thing Valley	LOCATION: N 32 45' 25.34 W 116 24' 29.00"
LIFT DESCRIPTION, WEIGHTS, NUMBER OF LIFTS: Multiple Tower Structures and related construction equipment flown from Thing Valley Fly yard in two directions- generally southwest, then northeast from the yard. Weights between 17-19500lbs. CAP due to sensitive receptor near south end of ROW, just north of Hwy 8.	
OPERATORS SPECIFICS: Erickson Air Crane 3100 Willow Springs Road Central Point, Oregon 97502 Ph. #1-800-866-9431 Fax # 541-664-7613 Certificate #E8KL899H	CAP PREPARED BY: 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: San Diego Gas & Electric 8315 Century Park Ct. CP 21G San Diego, California 92123 Contact: Mike Manry mmanry@semprautilities.com Ph. # 619-851-4387 Fax# 858-637-	FSDO SPECIFICS: 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



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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:

Courtesy call to San Diego County Sheriff
Alpine Station
1347 Tavern Road
Alpine, CA 91901
Dispatch 858-565-5200
Accomplished daily by Sunrise Base.

HIGHWAY/ROAD DEPT. AGENCIES CONTACTED:

San Diego Public Works Permit for road crossings. PAR/SDGE responsibility.



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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:

THING VALLEY FLY YARD PRE OPERATIONS ACTION ITEMS

- 1) Notification to sensitive receptor.
- 2) Observe Eagle mitigation fly dates.
- 3) Recon flight over Flight Corridors.



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N237AC		SN: 64095		TYPE: SK64F	
JOB DESCRIPTION	LOAD WT	LOAD & RTR WASH	ELEVATION	FLY DISTANCE	
Thing Valley	13,700	15,700	5600'	3.2nm	
	PA & TEMP	DA	HP AVAIL	TQ AVAIL	
	5600' & 25C	8000'	7680	77.0	
PERFORMANCE CALC			LIMIT CALC		
42,600			42,000		
FLIGHT PHASE	TIME		FUEL CALC	At 550 Gal/hr.	
	In Minutes				
START & LIFTOFF	10		FUEL REQ.	2108	
OUTBOUND LEG	4		Min. Fuel	1000	
SET	15		TOTAL LBS. FUEL	3108	
INBOUND LEG	3		TOTAL GAL. FUEL	315	
LANDING	2		FUEL/SIDE	1554	
TOTAL TIME	34				
WEIGHT AND BALANCE					
	WEIGHT	ARM	MOMENT		
A/C Config. WT	22592	339.5	7669984		
FWD PILOT	400	94.0	37600		
AFT PILOT	200	130.0	26000		
JUMPSEAT		108.5	0		
FUEL FWD	1554	280.8	436363		
FUEL AFT	1554	397.3	617404		
FUEL AUX		461.3	0		
TOTALS	26300	334.1	8787351		
ADD LOAD	15,700	336.0	5275200		
Grand Total	42000	334.8	14163351		
TOTAL GROSS	42000	COMPARE TO LIMIT CALC		42,000	
	Mode I	27500	Mode II		
SUMMARY					
SIGNATURE	Brad Warren				

ATTACHMENTS:



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EP 90 SENSITIVE RECEPTOR. REQUIRES NOTIFICATION.



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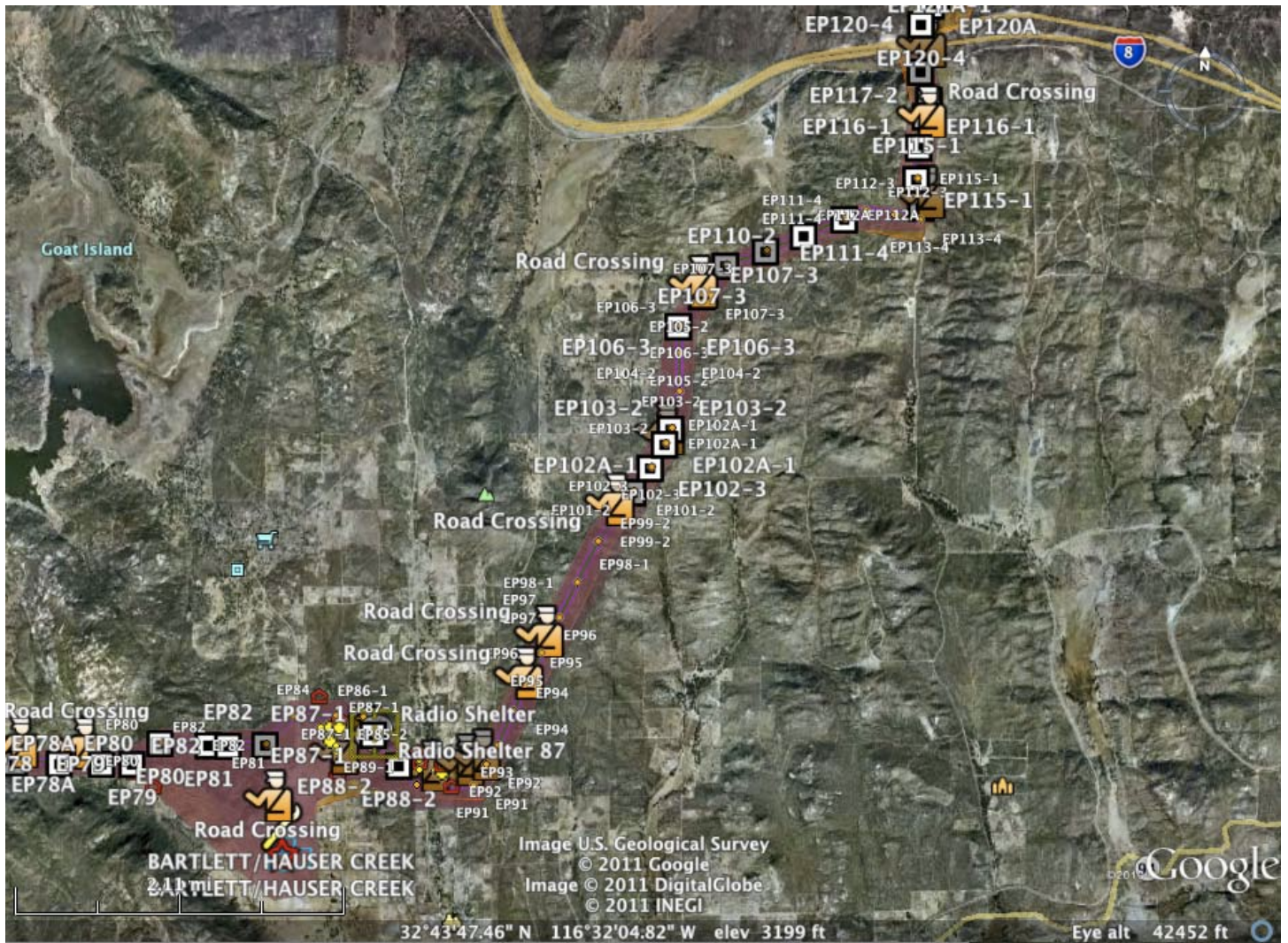
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BARTLETT/HAUSER NORTHEAST BOUND



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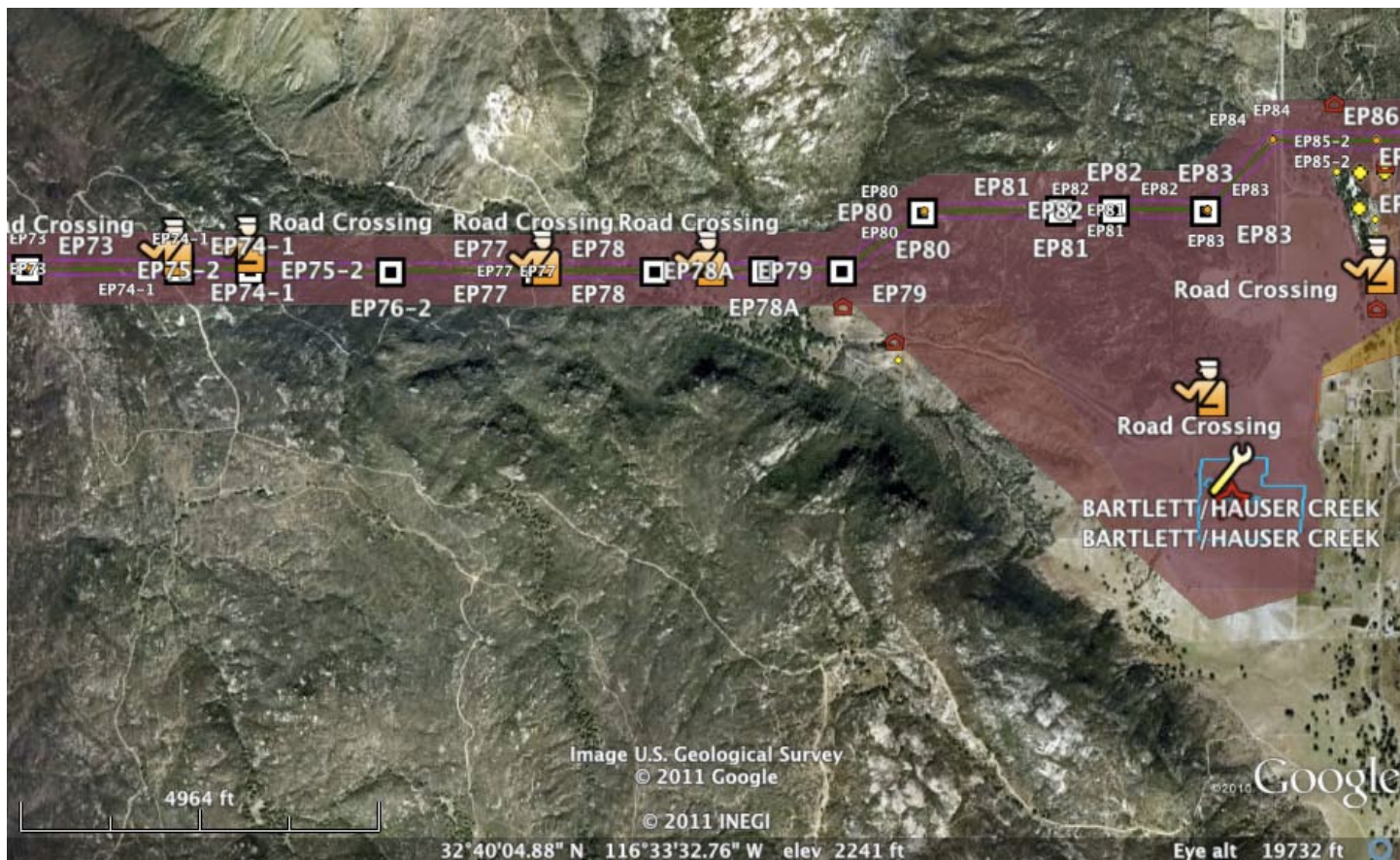
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BARTLETT/HAUSER WESTBOUND

