



HELICOPTER EXTERNAL LOAD OPERATION

CAP

NON CAP

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DATE: February 14, 2011

FLY DATE: February 18, 2011 through June 18, 2011

<b>PROJECT NAME:</b> Wilson Fly Yard # 201102179	<b>LOCATION:</b> N 32 48' 41.48" W116 39' 56.93
<b>LIFT DESCRIPTION, WEIGHTS, NUMBER OF LIFTS:</b> Multiple Tower Structures and related construction equipment flown from Wilson Flyyard in two directions- westbound and south-southwest bound. CAP due to road crossings, property on the west end near Star Valley Road, and the chicken farm on the south end. See Action Item Attachment on page 4.	
<b>OPERATORS SPECIFICS:</b> Erickson Air Crane 3100 Willow Springs Road Central Point, Oregon 97502 Ph. #1-800-866-9431 Fax # 541-664-7613 Certificate #E8KL899H	<b>CAP PREPARED BY:</b> Brad Warren <a href="mailto:bwarren@ericksonaircrane.com">bwarren@ericksonaircrane.com</a> #541-326-9448 Bill Neckels <a href="mailto:bneckels@ericksonaircrane.com">bneckels@ericksonaircrane.com</a> #541-326-9448
	<b>AIRCRAFT:</b> SK 64 F N237AC S/N: 64095 Airworthiness: Transport
<b>CUSTOMERS SPECIFICS:</b> San Diego Gas & Electric 8315 Century Park Ct. CP 21G San Diego, California 92123  Contact: Mike Manry <a href="mailto:mmanry@semprautilities.com">mmanry@semprautilities.com</a> Ph. # 619-851-4387 Fax# 858-637-	<b>FSDO SPECIFICS:</b> FSDO 8525 Gibbs Drive Suite 120 San Diego, California 92123 Contact: Inspector James McNamara <a href="mailto:james.d.mcnamara@faa.gov">james.d.mcnamara@faa.gov</a> Ph. #858-502-9882 Ext.285 Fax # 858-502-9885

EXAMINED & APPROVED

DATE FEB. 16, 2011

*James D. McNamara*  
FAA WPFSDO-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:**

Courtesy call to San Diego County Sheriff  
Alpine Station  
1347 Tavern Road  
Alpine, CA 91901  
619-659-2600

**HIGHWAY/ROAD DEPT. AGENCIES CONTACTED:**

San Diego Public Works Permit for crossing Japutal Road. PAR 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:
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### ACTION ITEMS PRIOR TO FLIGHTS

- 1) **Property off Star Valley Road, near CP 98. Recon flights required before Crane flights. Inspect distances from property, mitigation measures, and notifications to this property owner.**
- 2) **Traffic controls to be in place for crossing of Japutal Road as well as other smaller roads connecting to Japutal Road.**
- 3) **Chicken Farm on the South end of ROW. This property owner will require notification. Distances are sufficient for our operations from the ROW to buildings. However, it must be determined if this is an active farm and mitigation measures discussed with this property owner as this relates to the noise level involved in our operations in proximity to this farm.**
- 4) **Courtesy call to county sheriff regarding road crossings on Japutal Road.**
- 5) **Affirm San Diego County Public Works Permit in place for Japutal Road crossing.**
- 6) **PUC 5 day notice- Handled by Gerry Aikens**



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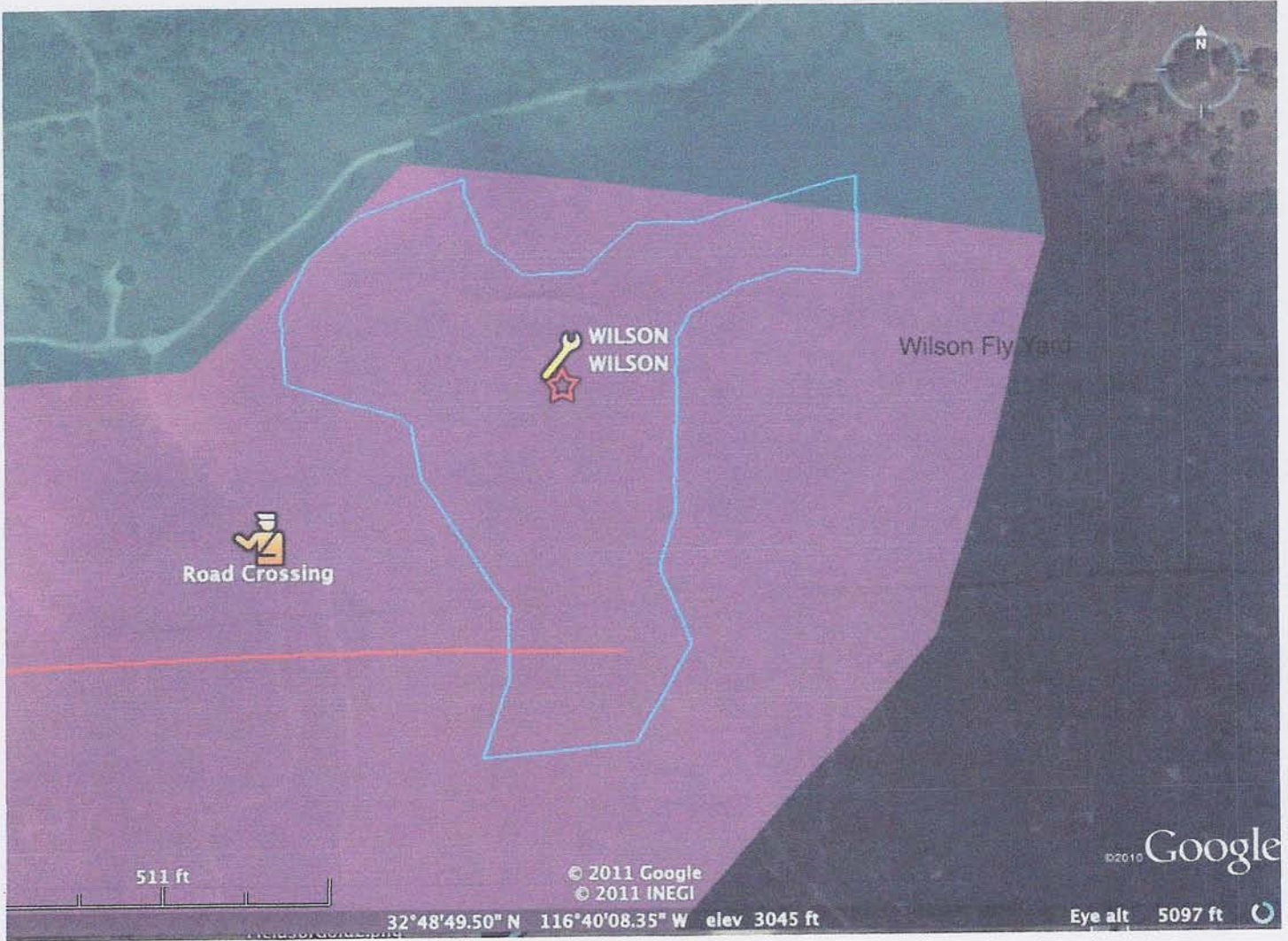
JOB DESCRIPTION	LOAD WT	LOAD & RTR WASH	ELEVATION	FLY DISTANCE
Wilson Yard	15,000	15,000	4500'	3.5nm
	PA & TEMP	DA	HP AVAIL	TQ AVAIL
	4500 & 35C	7800'	7400hp	77%
PERFORMANCE CALC		LIMIT CALC		
41,800		41,800		
FLIGHT PHASE	TIME		FUEL CALC	At 550 Gal/hr.
	In Minutes			
START & LIFTOFF	10		FUEL REQ.	2150
OUTBOUND LEG	4		Min. Fuel	1000
SET	15		TOTAL LBS. FUEL	3150
INBOUND LEG	4		TOTAL GAL. FUEL	321
LANDING	2		FUEL/SIDE	1575
TOTAL TIME	35			
WEIGHT AND BALANCE				
	WEIGHT	ARM	MOMENT	
A/C Config. WT	22,592		0	
FWD PILOT	400	94.0	37600	
AFT PILOT	200	130.0	26000	
JUMPSEAT		108.5	0	
FUEL FWD	1575	280.8	442202	
FUEL AFT	1575	397.3	625665	
FUEL AUX		461.3	0	
TOTALS	26342	43.0	1131466	
ADD LOAD	15,000	333.0	4995000	
Grand Total	41342	148.2	6126466	
TOTAL GROSS	41342	COMPARE TO LIMIT CALC		41800
SUMMARY	GO			
SIGNATURE	Brad Warren			

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N 32 48' 41.48" W 116 39' 56.93

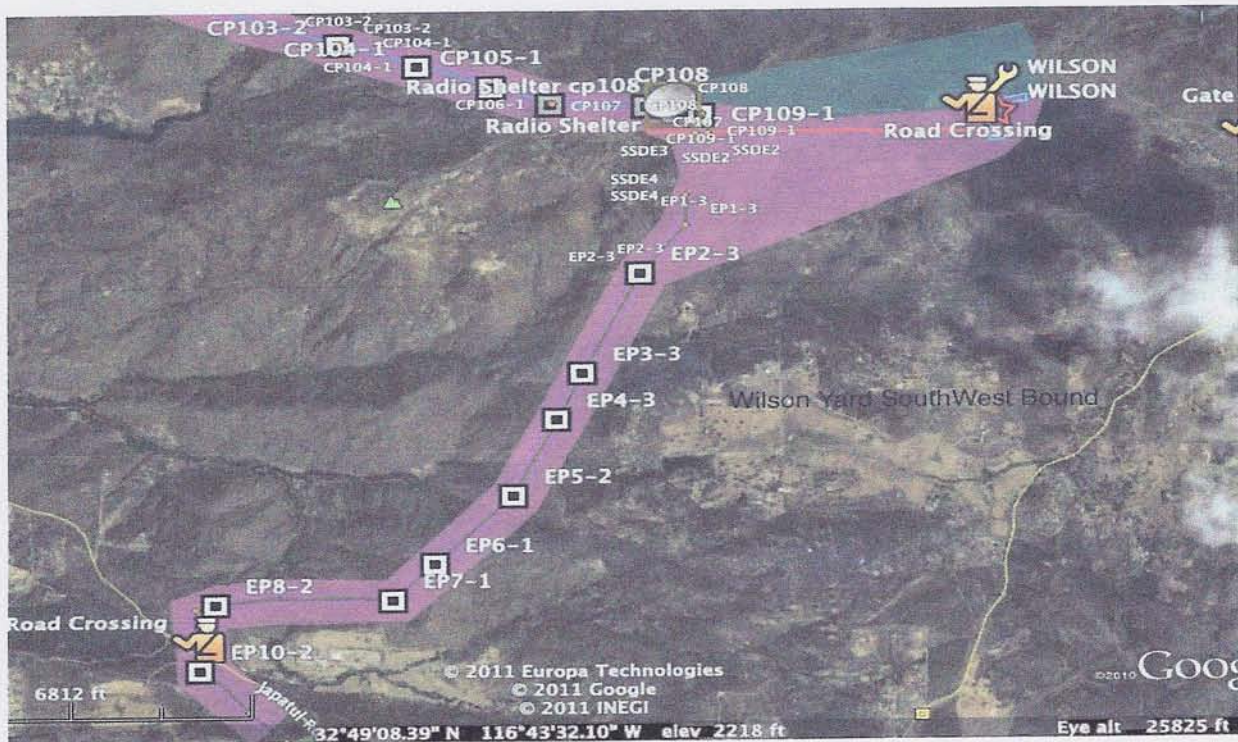
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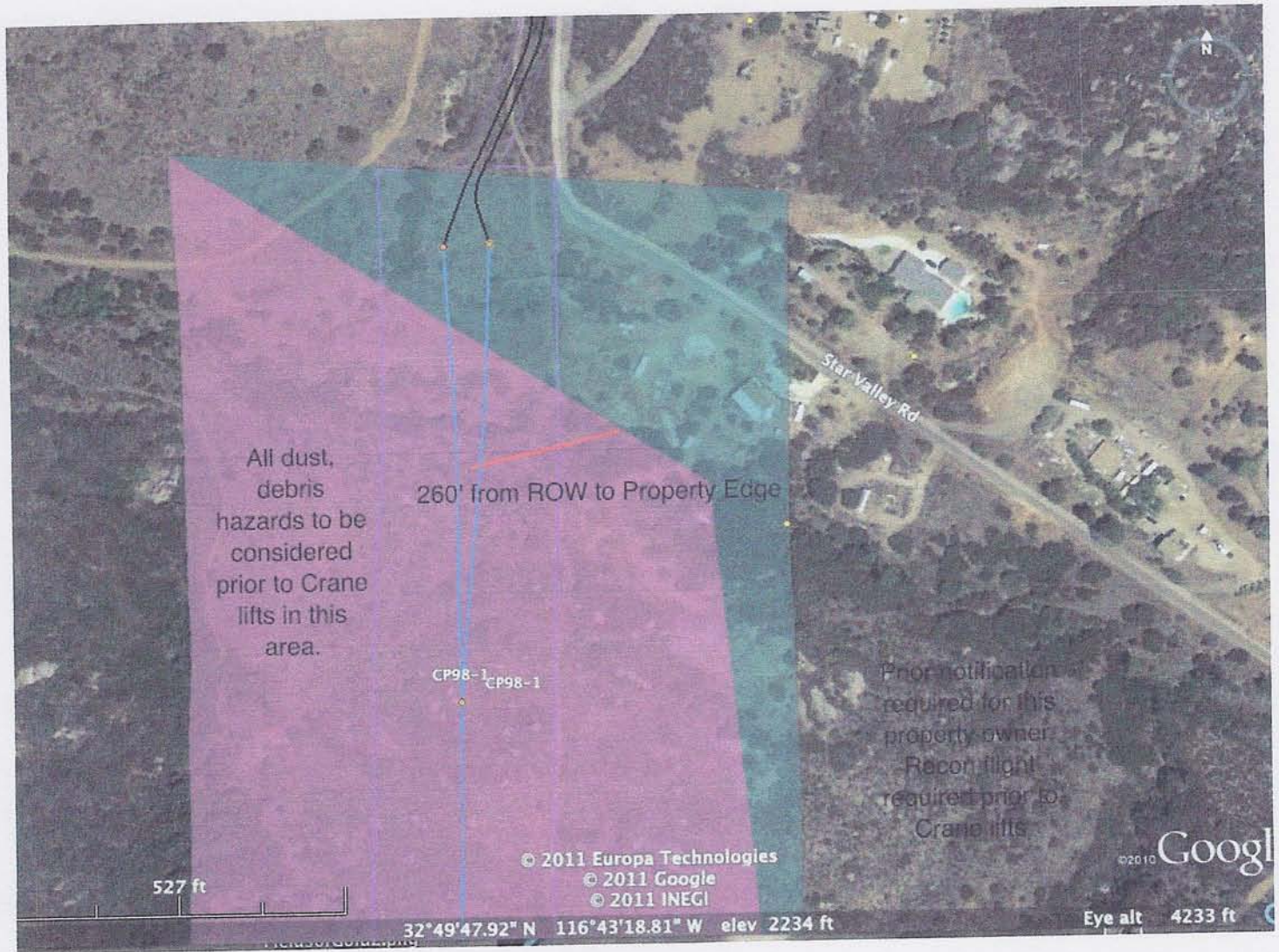
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