



HELICOPTER EXTERNAL LOAD OPERATION

CAP

NON CAP

PAGE 1 OF 9

DATE: February 11, 2011

FLY DATE: February 16, 2011 through June 16, 2011

| | |
|---|---|
| PROJECT NAME: | LOCATION: |
| Jacumba Valley Ranch JVR CAP | N 32 37' 58.3" W 116 10' 02.8" |
| LIFT DESCRIPTION, WEIGHTS, NUMBER OF LIFTS: | |
| 45-50 steel lattice type tower assemblies. 3-4 lifts per tower. Towers 221-242 will be flown westbound from JVR(Jacumba Valley Ranch) fly yard. Towers 243-267 will be flown eastbound from JVR. Also, associated construction equipment will be flown, dozers, excavators and drill equipment for foundations, concrete etc. | |
| 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: |
| 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 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 & ACCEPTED
 DATE FEB. 11, 2011
 BY *[Signature]*
 FAA WPPFSDO-09
 San Diego, CA



HELICOPTER EXTERNAL LOAD OPERATION

CAP

NON CAP

PAGE 2 OF 9

DATE: February 11, 2011

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:

Metropolitan Transit System. For flying over inactive rail beds.

EXAMINED & ACCEPTED
DATE FEB. 11, 2011
BY [Signature]
FAA WPFSDO-09
San Diego, CA



HELICOPTER EXTERNAL LOAD OPERATION

CAP

NON CAP

PAGE 3 OF 9

DATE: February 11, 2011

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.

EXAMINED & ACCEPTED

DATE FEB. 11, 2011

BY [Signature]

FAA WPFSDO-09

San Diego, CA

CAP

NON CAP

ATTACHMENTS:



Jacumba Valley Ranch section Overview.

EXAMINED & ACCEPTED
DATE FEB. 11, 2011
BY [Signature]
FAA WPFSDO-09
San Diego, CA

CAP

NON CAP

DATE: February 11, 2011

ATTACHMENTS:



EXAMINED & ACCEPTED
DATE FEB. 11, 2011
[Signature]
FAA WPFSDO-09
San Diego, CA

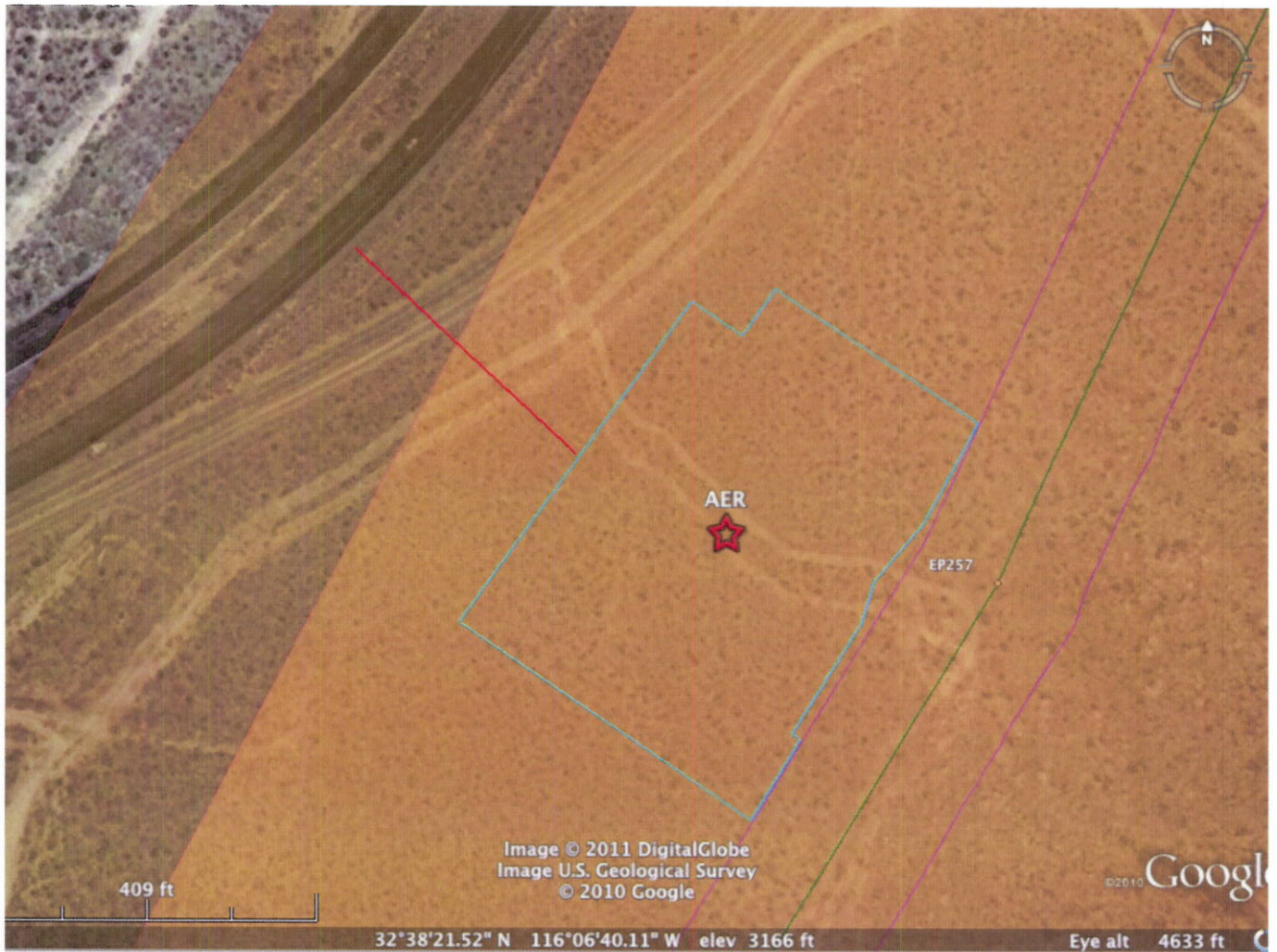
CAP

NON CAP

PAGE 6 OF 9

DATE: February 11, 2011

ATTACHMENTS:



AER Fly Yard View

EXAMINED & ACCEPTED

DATE FEB. 11, 2011

BY *[Signature]*

FAA WPFSDO-09

San Diego, CA

HELICOPTER EXTERNAL LOAD OPERATION

CAP

NON CAP

PAGE 7 OF 9

DATE: February 11, 2011

ATTACHMENTS:



Structures 221-242 flown westbound from JVR yard.

EXAMINED & ACCEPTED

DATE FEB. 11, 2011

BY [Signature]

FAA WPFSDO-09

San Diego, CA

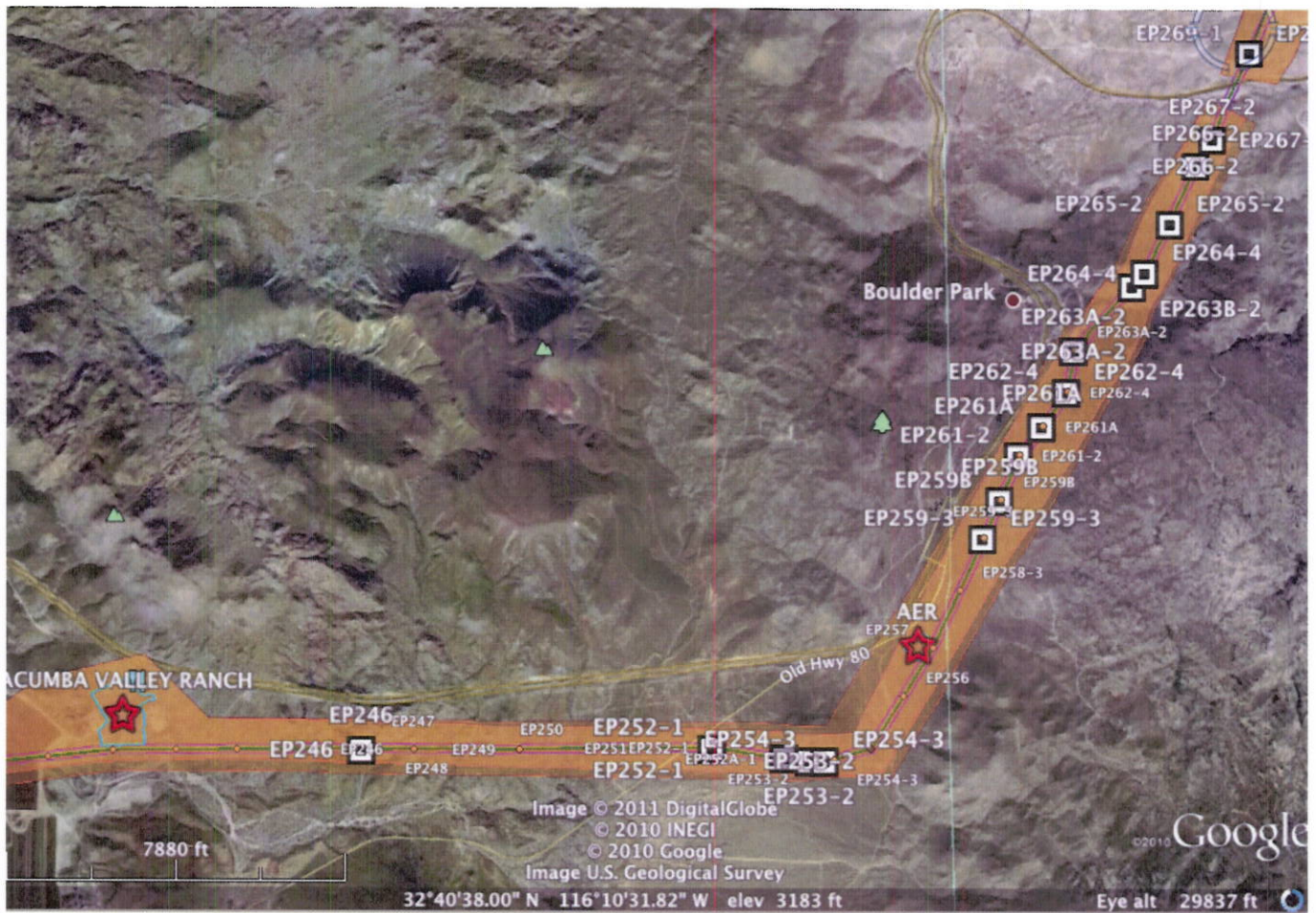
CAP

NON CAP

PAGE 8 OF 9

DATE: February 11, 2011

ATTACHMENTS:



Structures 243-267 flown eastbound from JVR yard and possibly some structures from AER yard.

EXAMINED & ACCEPTED
DATE FEB. 11, 2011
BY *[Signature]*
FAA WPFSDO-09
San Diego, CA



HELICOPTER EXTERNAL LOAD OPERATION

CAP

NON CAP

PAGE 9 OF 9

DATE: February 11, 2011

| | | | | | |
|--------------------|-------------|-----------------------|-----------------|----------------|--|
| N237AC | | SN: 64095 | | TYPE: SK64F | |
| JOB DESCRIPTION | LOAD WT | LOAD & RTR WASH | ELEVATION | FLY DISTANCE | |
| JACUMBA | 14,000# | 16,000# | 3500' | 4nm | |
| | PA & TEMP | DA | HP AVAIL | TQ AVAIL | |
| | 3500' & 35C | 6500' | 7300 | 80.0 | |
| PERFORMANCE CALC | | | LIMIT CALC | | |
| 42,000 | | | 43,800 | | |
| 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 | 16,000 | 336.0 | 5376000 | | |
| Grand Total | 42300 | 334.8 | 14163351 | | |
| TOTAL GROSS | 42300 | COMPARE TO LIMIT CALC | | 43,800 | |
| | Mode I | 28,200 | Mode II | 33,600 | |
| SUMMARY | GO | | | | |
| SIGNATURE | Brad Warren | | | | |

EXAMINED & ACCEPTED
 DATE FEB. 11, 2011
 BY *[Signature]*
 FAA WPFSDO-09
 San Diego, CA