



John Clark [REDACTED]

SunAngle data

1 message

Tue, Nov 18, 2014 at 9:22 AM

Reply-To: [REDACTED]

To: [REDACTED]

SunAngle Results
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INPUTS
=====

longitude: 97.425 West
latitude: 37.66 North
date: Oct. 30, 2014
time: 0949 AM
time basis: Clock time
time zone: USA Central (GMT - 6:00)
daylight saving time: Yes
elevation: 0 feet
zero azimuth: North

=====
OUTPUTS
=====

altitude angle: 19.64
azimuth angle: 126.67
solar declination: -13.88
equation of time: 0.27
clock time: 9:49am
solar time: 8:35am
hour angle: -51.09
time of sunrise: 7:52am
time of sunset: 6:33pm

This calculation was performed by the SunAngle program:

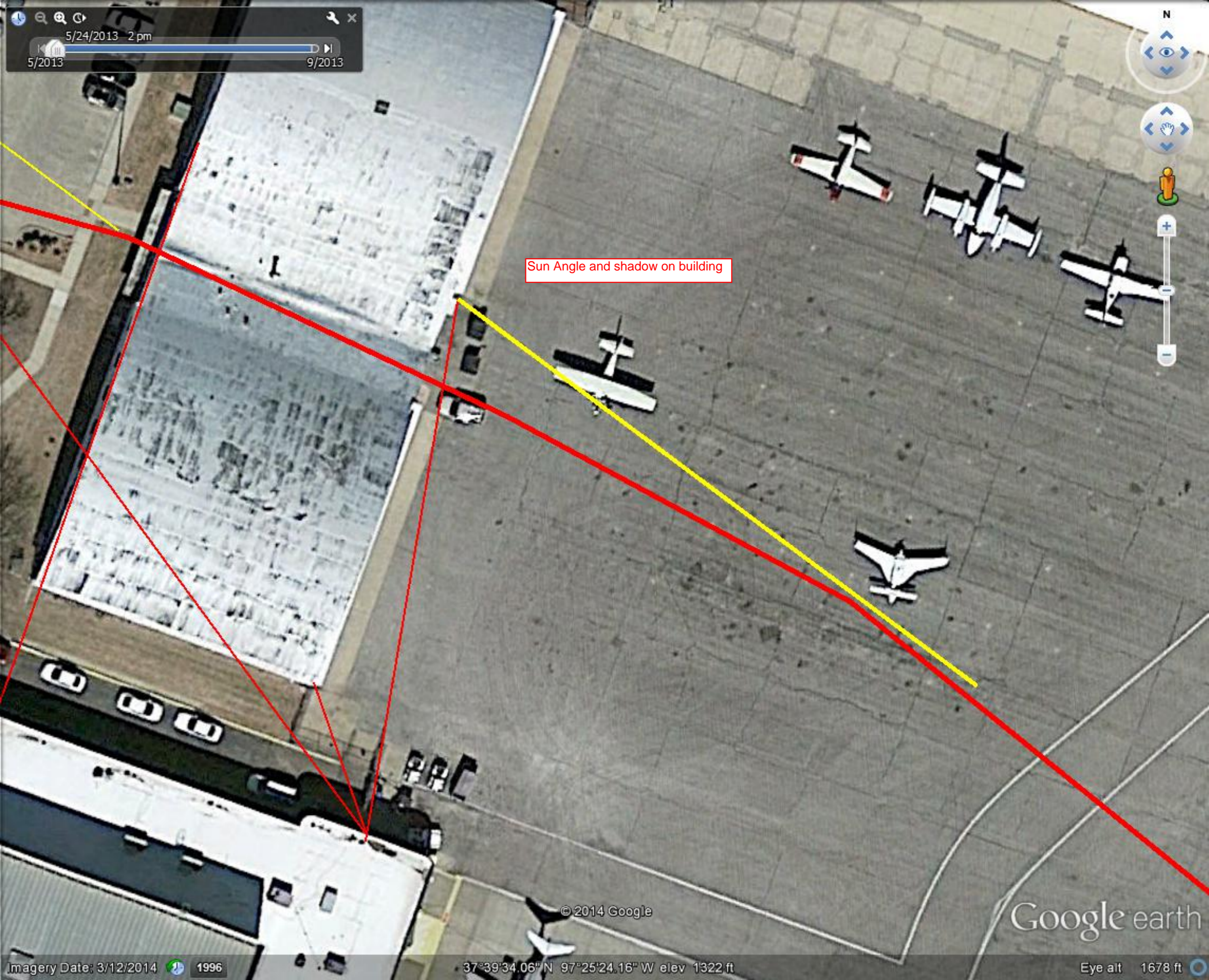
<http://susdesign.com/sunangle>

The creation and maintenance of this tool is funded entirely by donations from users. The suggested donation is \$10 for personal use and \$25 for commercial use. Donations can be sent to the author via PayPal to his e-mail address, [REDACTED] To donate, please visit the PayPal web site and click on 'Send Money':

<https://www.paypal.com>

Thanks for supporting SunAngle!

Sun Angle and shadow on building





Learjet Way

W Harry St

S Eisenhower Ave

Wind drift angle - 351 degrees

GE D C 35 ft
POSITION FOR SHADOW 98.5 ft agl

light pole

A B

declare 49

exclaim 37

prop beat starts 33

95 KCAS 30 sec 1940 ft

80 KCAS 24 sec 1200 ft

start of takeoff roll

W Pawnee

S Tyler Rd

S Airport Dr

Cessna Blvd

42

W 31st St S

S Ridge Rd

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Google earth

Wind profile near runway elevation

ALT FT	DIR DEG	VEL KTS
msl	true	
1333	340	12
1363	350	16
1433	349	14
2500	349	14