



Station Designation:  
**96 HUM 6.00**

General Location:  
**SUGARBOWL OVERLOOK**

4 Character ID:  
**1LA4**

UTC Date:  
**04 Nov 2004**

Station PID:  
**309**

UTC Julian Day:  
**309**

Project Name:  
**Caltrans North Region Height Modernization Survey**

Project No.:  
**GPS1988**

Station Serial No.:  
**W**

Session ID:  
**W**

NAD83 Latitude:  
**40° 28' 22" N**

NAD83 Longitude:  
**123° 52' 06" W**

NAD83 Ellipsoid Height:

NAVD88 Orthometric Height:

GEOID03 Geoid Height:

UTC Session Times: LOCAL (-7hr)  
Sch. Start **00** Stop  
Actual Start **00** Stop

Epoch Interval **15** Sec.  
Elevation Mask **15** Deg.

Agency Name: **Caltrans (CA. DOT)**

Agency Code: **CADT**

Operator Name: **Thomas N. STEPHENS**  
**PLS 6734**  
For information contact Don Campbell at  
(707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model:  
**TRIMBLE 5700**  
P/N: **40406-46**  
S/N: **04401 0045**  
Firmware Version: **2.1**

Antenna Code, Brand and Model:  
**TRIMBLE ZEPHYR GEODETIC**  
P/N: **41249-00**  
S/N: **121440**  
Cable Length:  
 3 m  5 m  10 m  Other (specify):

Equipment Package ID:  
**UNIT 01**

Antenna plumb before session?  Y  N

Antenna plumb after session?  Y  N

Antenna oriented to magnetic north?  Y  N

Tripod or Antenna Mount (check one):  
 Fixed Height Tripod  Collapsible Tripod

Brand and Model:  
**SECO**

P/N: **NA**  
S/N: **NA**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	2.000	2.000
B = Additional offset to ARP if any	0.000	0.000
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.000 ✓	2.000

Note and/or sketch ANY unusual conditions.  
Be VERY EXPLICIT as to where and how measured!

Data File Name(s): **1LA4309W**

(Standard NGS Format = **aaaaddds.xxx**)  
where **aaaa** = 4 character ID, **ddd** = UTC Julian Day, **s** = Session ID, **xxx** = file dependent extension

Updated station description:  Attached  Completed earlier

Visibility obstruction diagram:  Attached  Completed earlier

Photographs of station:  Attached  Completed earlier

Station rubbing:  Attached

5 Digit Weather Code

Start of Session: **00000** Middle of Session: **01000** End of Session: **02001**

Code	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	No Problems	Good, over 15 miles	Normal, 32° F to 80° F	Clear, below 20%	Calm, under 5 mph
1	Problems	Fair, 7 to 15 miles	Hot, over 80° F	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- Not Used -	Poor, Under 7 miles	Cold, below 32° F	Overcast, over 70%	Strong, over 15 mph

Notes, comments, remarks:

