



Station Designation:  
**HPGN D CA 02 FM RESET**

General Location:  
**TEH 36 BATTLECREEK VISTA POINT**

4 Character ID:  
**2FMR**

UTC Date:  
**09/23/2004**

Station PID:  
**267**

UTC Julian Day:  
**267**

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

Project No.:  
**GPS1988**

Station Serial No.:  
**2149**

Session ID:  
**B**

NAD83 Latitude:  
**N 40-21-04.9**

NAD83 Longitude:  
**W 121-46-44.9**

NAD83 Ellipsoid Height:  
**989.300**

NAVD88 Orthometric Height:  
**989.300**

GEOID03 Geoid Height:  
**989.300**

Session Times: LOCAL (-7hr)  
UTC

Sch. Start **1745** Stop **1845**    Sch. Start **1045** Stop **1145**

Actual Start **1725** Stop    Actual Start **1025** Stop

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

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

Agency Code: **CADT**

Operator Name: *J. Lehti*

For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model:  
**Trimble 5700**

Antenna Code, Brand and Model:  
**Trimble Zephyr Geodetic**

P/N: **40406-46**    P/N: **41249-00**

S/N: **0220308800**    S/N: **12467714**

Firmware Version: **2.01**

Cable Length:  
 3 m    5 m    10 m    Other (specify):

Equipment Package ID:  
**D2-12**

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 1.8m**

P/N: **5117-00-YEL**

S/N: **D2-12**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	<b>1.800</b>	<b>1.800</b>
B = Additional offset to ARP if any		
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>1.800</b>	<b>1.800</b>

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

Data File Name(s): *88002671, T01*  
*2FMR267B.dat*

(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: **00000**    End of Session: **00000**

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:

