



Station Designation:  
**36 HUM 28.78**

General Location:  
**DEERFIELD RANCH SUMMIT, (EAST OF BRIDGEVILLE)**

4 Character ID: **1G11** UTC Date: **03 Nov 2004**

Station PID: Station Serial No.: **308** UTC Julian Day: **308**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988**

Station Serial No.: **308** Session ID: **M**

NAD83 Latitude: **40° 28' 58" N** NAD83 Longitude: **123° 44' 24" W** NAD83 Ellipsoid Height:

NAVD88 Orthometric Height: Epoch Interval **15 Sec.** GEOID03 Geoid Height:

UTC Session Times: LOCAL (-7hr) Elevation Mask **15 Deg.**

Sch. Start **1800** Stop **1900** Sch. Start **1100** Stop **1200**  
 Actual Start **1755** Stop **1902** Actual Start **1055** Stop **1202**

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: **04401-00455** Firmware Version: **2.1**

Antenna Code, Brand and Model: **TRIMBLE ZEPHYR GEODETIC** P/N: **41249-00** S/N: **1214400** Cable Length:  3 m  5 m  10 m  Other (specify):

Equipment Package ID: **UN101**

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 <input checked="" type="checkbox"/>	2.000

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

Data File Name(s): **1G11308M**

(Standard NGS Format = aaaaaddds.xxx)  
 where aaaa = 4 character ID, dddd = 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: **00012** Middle of Session: **00011** End of Session: **0011**

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:

