



Station Designation: **44 SHA 26.19**

General Location: **SHA 44 JUST WEST OF SHASTA FOREST DRIVE**

4 Character ID: **2HK2** UTC Date: **11/15/2004**

Station PID: Station Serial No.: **2076** UTC Julian Day: **320**

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

Session ID: **A**

NAD83 Latitude: **N 40-29-49.3** NAD83 Longitude: **W 121-54-49.7** NAD83 Ellipsoid Height:

UTC Session Times: LOCAL (-8hr) Epoch Interval: **15 Sec.** NAVD88 Orthometric Height:

Sch. Start **1630** Stop **1730** Sch. Start **0830** Stop **0930** Elevation Mask: **15 Deg.** GEOID03 Geoid Height:

Actual Start **1616** Stop **1732** Actual Start **0816** Stop **0932**

Agency Name: **Caltrans (CA. DOT)** Agency Code: **CADT** Operator Name: **KIP ROBARDS**

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: **0220308797** S/N: **12379338** Cable Length: 3 m 5 m 10 m Other (specify):

Firmware Version: **2.01**

Equipment Package ID: **D2-09**

Antenna plumb before session? N
Antenna plumb after session? N
Antenna oriented to magnetic north? 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: **D2-09**

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

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

Data File Name(s): **8797 3200.T01**
2HK2 320A.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: 1 2 Middle of Session: 1 2 End of Session: 1 2

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:

