

# Navigation Laboratories Inc.

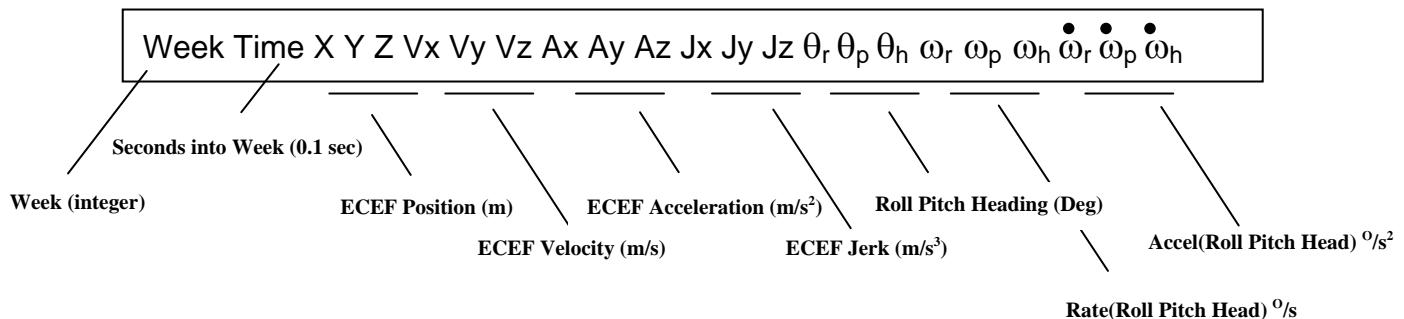
## GPS Constellation Simulators

### Import (ASCII) Motion Profile . . .

This format implements a generic ASCII representation of the profile data as follows.

#### Convention/Restrictions

- The data file you import must start at least 1 second into the simulated week.
- The file must be a 10 Hz with no data gaps. If not, Import this as a Route File.
- The file contains time sequential space delimited records comprised of,



- The Time tag has a resolution of 0.1 seconds. To avoid truncation errors, provide 5 digits passed the decimal point for all other values.  
If you do not have Attitude data (  $\theta_r \dots$  ) then omit these items and the program will use the velocity vector to compute attitude.
- If the data is not based upon a continuous and differentiable model, Import this data as a Route File.
- The first record in the file is used as the initial state replacing the value programmed into the scenario. If you want to change the time or Location of the imported data, do so after you've imported the file using the Time and Location Icons located on the main Build Scenario menu.

