



Motion File [Week Sec Geodetic]

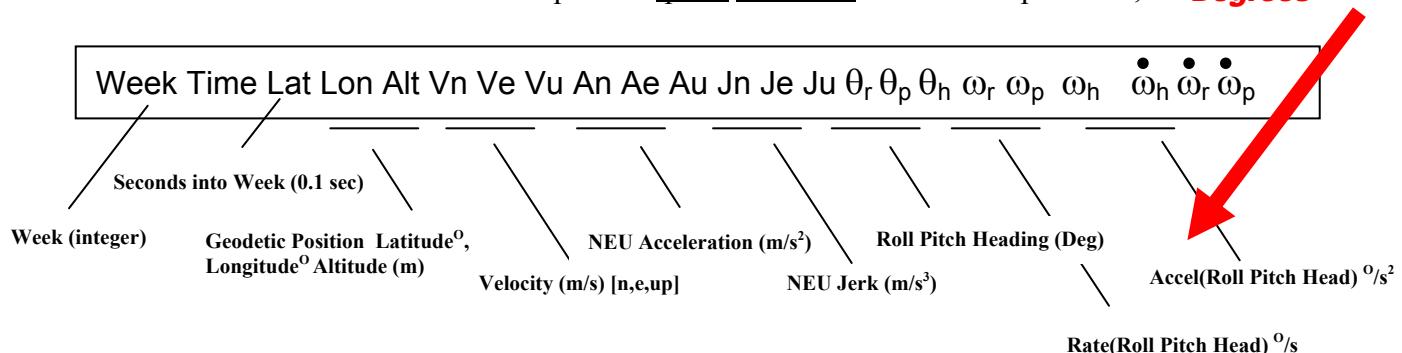
Motion File [Week Seconds Geodetic]

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

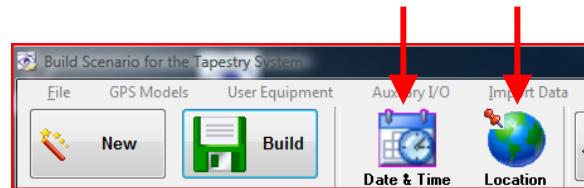
Convention/Restrictions

- 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. Use one of the 1 Hz converters otherwise.
- The file contains time sequential space delimited records comprised of,

**NOTE: the
angular units are
Degrees**

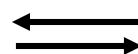


- The Time tag has a resolution of 0.1 seconds. To avoid truncation errors, provide 8 digits passed the decimal point Latitude, Longitude, and 5 digits for all other values.
If you do not have Attitude data (θ_r ...) then omit these items and the program will use the velocity vector to compute attitude.
- 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.



Note the reciprocal relationship between the Import and Export Functions.

Motion File [Week Sec Geodetic]



LLA Week Seconds [~ IMPORT GEO]