Contents Include:

1) "Time Safety Margin: Theory and Practice," 412 Test Wing Test Information Handbook 16-01, Edwards AFB. (TSM Theory and Practice.pdf)

The Handbook includes examples using the "TSM\_Tool" software written in Matlab. A user's manual for the TSM\_Tool is included as an appendix. The TSM software includes presets for the examples given in the handbook.

2) Matlab code for the TSM Awareness Tool (\TSM Awareness Tool for Matlab users).

These files are for users that have a Matlab installation (R2015b or later recommended).

3) TSM Awareness Tool installer for users that do not have a Matlab installation. (TSM\_Tool\_Installer.exe)

 -Double-click on the file to start the installation on your computer; you will need administrator privileges.

 -Install the application in a location that doesn't require your consent as an administrator to access (like your user folder).

 -The application requires the Matlab Runtime Environment, which will be installed as part of the process if you do not already have it. This will take up about 1.5gb. The Matlab Runtime Environment may be installed in the "Program Files" folder IAW the default settings. The ability to add or delete preset scenarios is not preserved if you use this installation. The example scenarios are still available, though. Since this software runs outside of Matlab, it is not possible to output results to the Matlab workspace.

I hope you find the contents useful. Please feel free to contact me with questions or ideas.

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