

MANUAL

LAUNCH AZIMUT

Calculator

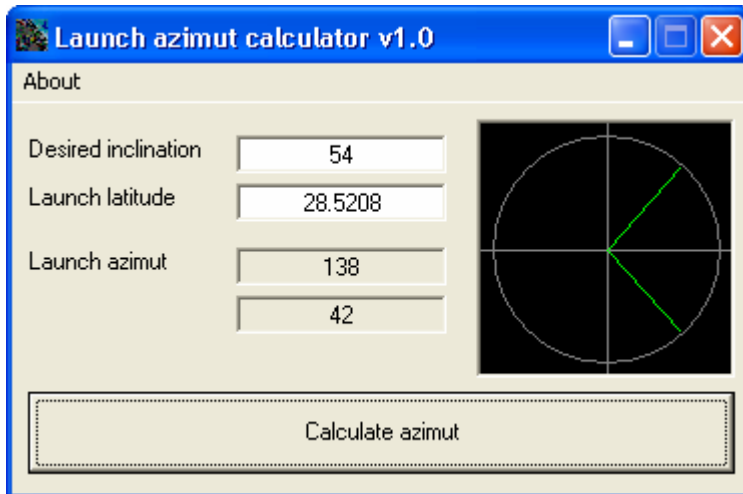
BY JOSÉ PABLO LUNA SÁNCHEZ. 2009.

Version 1.0

WHAT IS THIS PROGRAM

This program calculates the launch azimuth (heading) for a given desired orbit inclination and a certain latitude of the launch pad.

HOW TO USE



If you launch from Kennedy Space Center, your launch latitude will be **28.5208**. Let us say that you want an orbit with a desired inclination of **54** degrees.

You may launch with either heading 42 or 138. Notice the program makes a graphical representation of the two possible headings to achieve that orbit.

You may use this tool with Orbiter Space Flight Simulator by Martin Schweiger (www.orbitersim.com).

KNOWN ISSUES

If you run under Windows Vista, an error will occur as it says a DLL file is missing. It is Vista issue. You may need to download and install that file from Internet.

Calculations may be wrong if your Windows regional settings are set to non US country. It is caused by the fact that with such settings, period will not be understood as floating point by the program. You may need to change regional settings to US.

DISCLAIMER

This software is freeware.

There is no guarantee or support associated to this software.

Use it on your own risk.