

Abook Tool

Overview:

This program is a subset version of my (Computes navigational geometry with high precision Copyleft by gigous. All rights reversed.) based on Thaddeus Vincenty's methods. Work previously uploaded and available as "Excel Aviation Workbook". Most of the parts were ported from the workbook to this application of VB.NET (Visual Basic) inheriting the workbook style.

The main feature 'GEOC' may be one of the most useful tools especially for flight simmers as well as for aeronautical procedure designers. It provides 11 functions each of which can be used for essential calculations of aeronautical matters such as airport or airspace constructions. It may help you a lot when calculating waypoint coordinates in planning RNAV-based flight routes.

Also, it may give you a great assistance with 'topnotch' precision when you create flight sim sceneries.

The program contains 3 other tabs (GEOC, SEP, AIR, UNIT). 'UNIT' is for converting measuring units back and forth. 'AIR' is for computing aeronautical values such as air speeds, rate of turns, wind triangles, etc. 'SEP' is for ATC related separation calculations.

<https://flightsim.to/file/30791/aviation-workbook>

Flightsim.to

Aviation Workbook » Microsoft Flight Simulator

✓ Aviation Workbook is a Microsoft Flight Simulator 2020 mod created by gigous.

Not only for fs2020 !

https://en.wikipedia.org/wiki/Thaddeus_Vincenty

Thaddeus Vincenty (born Tadeusz Szpila; 27 October 1920 – 6 March 2002) was a Polish American geodesist who worked with the U.S. Air Force and later the National Geodetic Survey to adapt three-dimensional adjustment techniques to NAD 83.

He devised Vincenty's formulae, a geodesic calculation technique published in 1975 which is accurate to about...

Regards,

XG-SOC/WM | Jacques — Theusday 12/04/2022 at 11:46 AM