
G. Schneider (The University of Arizona)

DEFINING THE "UMBRAL INTERCEPT"

In an eclipse circumstances calculator with the added twist of refocusing the problem of determining the moon's shadow from an aircraft in flight. The core algorithms for the calculation eclipse circumstances are the same as in conventional eclipse circumstances on the land or at sea completely onboard. Since 1991, Eflight has been used to successfully plan eclipse flights for the 1992, 2000, 2004, 2006, and 2010 (and partial "shadow" flight for the 2003 eclipse). Next up: TSE 2013.

END-TO-END EFLIGHT PLANNING

LICENSING

© 2023 GMAC Software. All rights reserved.

NO TRADEMARKS OR LOGOS ARE INTENDED OR SHOULD BE CONSIDERED AS ENDORSED BY GMAC SOFTWARE.

GMAC SOFTWARE EXPRESSLY DISCLAIMS ALL WARRANTIES OF ANY KIND, WHETHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The ultimate goal of this document is to guide and enable safe and enjoyable flights during totality. All results are presented as accurate to the best of the author's knowledge and experience. The user is responsible for validating all data and results before committing to any flight plan.

The authors reserve the right to make corrections and update this document as new information becomes available.