Satellite Pointing Guide

Version 1.2 Developed for the U.S. Army by ITAC

Welcome to the *Satellite Pointing Guide!*

The ***HELP*** Screen

- This tool provides visual approximations of the authorized longitudinal locations and earth-coverage antenna footprints of the geostationary UHF SATCOM, Milstar EHF, INMARSAT, and DSCS SHF communications satellite constellations that are used by the U.S. Department of Defense military forces. The ***azimuth & elevation (AZ-EL) grid*** indicates the approximate direction and elevation for pointing an antenna at the satellite from any earth location within the AZ-EL grid.
- Adobe Acrobat Reader version 5.0 or higher is required to be installed on your computer in order to run this interactive Adobe Acrobat document. The latest version of Adobe Acrobat Reader is a free download at http://www.adobe.com.
- Click on the ***"Satellite Pointing Guide" banner*** to display the credits for this application.
- Click on a ***Satellite Constellation button*** to select a satellite system. Then click on a ***Satellite Location in the list box*** to display the world map and the earth-coverage antenna footprint grid for a satellite that may be operating at that location.
- Click on a picture of a satellite to reveal more information about its constellation.
- ***"Zoom In"*** or ***"Zoom Out" buttons***: Brings the current map window closer or restores the normal view. (Clicking anywhere in the map window also restores the normal view.)
- ***"Zoom AZ-EL" button***: Zooms to an even closer view focused on the azimuth-elevation grid of the antenna footprint.
- ***"PRINT" buttons***: Prints the currently displayed map or constellation diagram. (Prints silently to the default printer. Tries to print in color and to shrink the image to fit the page. You may have to adjust your default printer's settings.)
- ***"HELP" button***: Shows this help screen over what you are currently viewing.
- ***"EXIT" button***: Exits this application and closes Adobe Acrobat Reader. Clicking ***the "SATCOM" logo*** resets the application.
- If you have technical questions, email or call Ms. Cori Braswell at U.S. Army TSM-SATCOM, Ft. Gordon, GA, braswelc@gordon.army.mil, (706) 798-6711.

Click on this Panel to Hide It

DSCS SHF

Select a Location
150E
WPAC 175E
WPAC 180E
EPAC 135W
EPAC 130W
WLANT 52.5W
WLANT 42.5W
ELANT 12W
IO 57E
IO 60E

Select a Satellite Location

Zoom In | Zoom AZ-EL | Zoom Out | Print

UHF SATCOM Constellation

Milstar EHF Constellation

INMARSAT C/L-Band Constellation

DSCS SHF Constellation

Select a Satellite Constellation

HELP

EXIT

AZ-EL Calculator