

Software

BMP — Balloon Mission Planner

// Aerostat launch planning powered by ECMWF meteorological data

Operational mission planning for aerostats. Included with the UAS package. Trajectory forecast at multiple altitudes, auto-calculation of launch point, satellite map with winds and 2D/3D routes.

**2D/3D**

Route visualization

RCS

Scattering calculation

.exe

Single file, no installer

UA/EN

Interface language

KEY SPECIFICATIONS

- ▶ Flight trajectory forecast at multiple altitudes (ECMWF)
- ▶ Auto-calculation of launch point or target on the map
- ▶ Satellite map + wind map + 2D/3D route
- ▶ Radar cross-section (RCS) estimation
- ▶ Detailed analysis: time, distance, altitude
- ▶ Single .exe file, fast install
- ▶ Dark and light themes, UA/EN languages
- ▶ ECMWF meteorological data — high forecast accuracy