



RDV Systems
A DataSafe Group Subsidiary



Autodesk®
Preferred Industry Partner
AutoCAD® Civil 3D®

RDV Systems' Rapid Airport and Airspace Analyzer

On a daily basis airport, airspace and aviation consultants deal with complex 3D data while planning the physical airport and runway environment. They must consider aircraft performance in normal and emergency scenarios in relation to the physical characteristics of airspace, approach and departure corridors to the airfield. Previously, they relied heavily on drafting of sections and perspective views of the design to evaluate critical flight safety and air operations issues. Today, with **RDV Systems' Rapid Airport and Airspace Analyzer** all of these factors are easily incorporated into an interactive 3D simulation which can be used for real-time analysis and support critical decision making. This enables aviation consultants to achieve improved results and complete their clients' projects faster than ever before.

Features of the Rapid Airport and Airspace Analyzer:

- 3D airport and airspace analysis
- Evaluation of construction and potential conflicts
- Automated FAR part 77 TERPS and ICAO surfaces
- Navaids
- Interface with CRM
- Display of geometric design parameters
- Generation of reports in Excel and XML formats
- Archiving of reports and visual analysis
- Support for all popular CAD, 3D, and image file formats
- Import of GIS, survey, and LIDAR field data

Applications:

- Airport construction
- Airport master planning
- Airspace planning
- Aeronautical surveys
- Control tower studies
- Visibility studies



Camera information



Camera position:
X:204529.30
Y:745985.40
Z:34.12

Target position:
X:204574.60
Y:745730.80
Z:3.59

Elevation: 29.60 ft

Airplane information:



Generate report

Airspeed: 115 knots
Ground speed: 98 knots
Vertical speed: 400 fpm
Heading: 120 deg
Pitch: 10 deg
Glide Slope: -3.3 deg

www.rdvsystems.com

About RDV Systems:

RDV Systems is one of a select group of Autodesk accredited Preferred Industry Partners for Civil 3D. RDV enables designers, civil engineers and land planners to rapidly produce 3D visualizations and then easily integrate them within the design workflow. RDV Systems' product line allows real-time viewing capabilities as well as high-quality photo-realistic renderings. RDV Systems is a part of the DataSafe group with corporate headquarters in Lod, Israel.



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