

# AviPLAN™ Essentials

## Airplane Turn Simulation and Parking



Online public training suited to all AviPLAN users

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### Duration

Online course - 4 hours (2 days x 2 hours)

### Register

To register or request additional information, please contact [infoAviation@transoftsolutions.com](mailto:infoAviation@transoftsolutions.com) or visit [aviplan.com](http://aviplan.com).

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### Prerequisites

- A basic understanding of AutoCAD®, MicroStation® or BricsCAD®
  - A sound understanding of airport/airside planning concepts
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### Course Content

#### Introduction

- General introduction

#### Settings

- Defining working units and regulations
- Defining default layers

#### Select Object dialog

- Overview of the Select Object dialog

#### Park command

- Insertion methods; FreeInsert, Insert on Target and Insert Parallel to Target
- Saving and reopening sessions
- Stand design using change object and save as

#### Session Manager command

- Showing/hiding sessions or session elements
- Session layer vs element layers
- Controlling elements; layers, colors, clearance envelopes, jet blast etc.

#### Path command

- Path building theory, basic settings and selections
- Forward/Reverse
- Turn types; Arc, Dynamic arc, Direct and Oversteer
- Construction modes; FreeDrive, Target, Parallel, Fixed angle
- Construction/Follow points
- Steering limits and response
- Following existing marking lines
- Animation during path building
- Path analysis using change object and save as
- Creating reports

#### Case Studies/Examples

- Drawing/examples to be provided for post-training self-study