

AviPLAN Essentials | Contact and Remote Stand Planning

Essential skills and knowledge to optimize the airside planning process, including the Drawing Manager, Stand and Group Lead-in commands

Who should attend?

Recommended for users working with, or interested in, AviPLAN Airside or Airside Pro

Duration

4 hours total (2 hours/day)

Prerequisites

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

Why choose this training format?

- Easy to join online instructor-led sessions from any location, minimizing travel and scheduling conflicts
- Scheduled sessions offer a clear timeline, helping participants stay on track
- Access to training materials, enabling reinforcement of learning
- Reduced travel and accommodation make this format a budget-friendly solution

Course Content

Introduction

- General introduction

Settings

- Defining default drawing settings, CAD-layers, working units and regulations
- Default dimension styles
- Creating, saving and applying drawing settings as templates
- User Preferences; Creating user-defined Airplane labels

Drawing Manager

Clearance Box offsets

- Setting values
- Creating and sharing templates

Conflict Analysis

- Assigning layers/levels

Stand command

- Stand design theory, basic elements and parameters
- Stand setup; non-contact
- Apron drive passenger boarding bridge setup; selection, settings and configuration
- Pedestal passenger boarding bridge setup; selection, settings and configuration
- Lead-in line setup; positioning, limits and settings

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Stand command cont.

- Using the automated airplane positioning methods
- Adding and positioning stop lines using range indicator assistant
- Docking rules and Dock-to-door selection (Apron drive types)
- In-ground services setup; selection, positioning and settings
- Defining alternative bridge stowing and maintenance positions (Apron drive types)
- Bridge mounted services; selection, positioning and settings (Apron drive types)
- Conflict detection e.g., bridge to bridge, bridge to airplane and airplane to ground markings
- Reviewing output and solving errors in the Stand Results dialog
- Creating reports

Bridge Editor command

- Editing a manufactured Passenger Boarding Bridge from the library
- Setting restrictions on the operational area, drive column extension, cabin angle etc.
- Saving, exporting and sharing customized apron drive bridges

Group Lead-in command

- Defining steering limits
- Path vs. segment
- Landing gear and wingtip conflict detection at the stand

Homework

- The instructor demonstrates various case study scenarios during the course. Participants receive limited-time access to the case study drawing files and data sets used in the course. This enables participants to revisit the material and replicate the demonstrated case studies at their own pace to support continued learning.

Contact Us

To register or request additional information, please contact your Account Manager or email infoaviation@transoftsolutions.com