

# Comparison and Functionality

AviPLAN



## Version Comparison

Not sure which AviPLAN™ version is right for you? Consult the feature comparison below!

## Major Features

	AviPLAN Turn	AviPLAN Turn Pro	AviPLAN Airside	AviPLAN Airside Pro
<b>LIBRARIES</b>				
Airplanes (commercial, cargo and military) and helicopters	2D	2D & 3D	2D	2D & 3D
Tractors (towbar and towbarless) and other Ground Support Equipment (GSE)	2D	2D & 3D	2D	2D & 3D
Passenger boarding bridges			2D	2D & 3D
<b>CUSTOMIZATION</b>				
Create custom objects and service vehicle arrangements	•	•	•	•
<b>PATH</b>				
Simulate aircraft and vehicle maneuvers, both forwards and in reverse	2D	2D & 3D	2D	2D & 3D
Follow ground markings (CAD elements) or maneuver manually	•	•	•	•
Perform pushback or tow maneuver with airplane and compatible tractor	•	•	•	•
Design nose-gear or cockpit centerline markings		•		•
Automate conflict detection between airplanes and e.g. pavement edge		•		•
<b>STAND (CONTACT AND REMOTE) AND PARKING</b>				
Park static airplanes, helicopters or vehicles	2D	2D & 3D	2D	2D & 3D
Design contact or remote stands			2D	2D & 3D
Specify bridge characteristics, e.g. envelope limits, cabin rotation, slope, etc.			•	•
Define (manually) and/or reposition stop lines with range indicator assistant			•	•
Automate stop line creation, airplane positioning and parking optimization				•
Add multiple bridges and lead-in lines (MARS)				•
Define apron service installations, e.g. fuel pits, 400 Hz and conditioned air				•
Automate conflict detection e.g. between airplane(s) and bridge(s)				•
<b>AIRSIDE DESIGN</b>				
Airplane filtering and sorting options, compare and/or select critical airplane(s)	•	•	•	•
Design taxiway intersection fillets		•		•
<b>DISPLAY ELEMENTS</b>				
Paths e.g. nose-gear and main-gear, engines, wing tips, pilot's eye	•	•	•	•
Jet blast velocity contours and impact areas for various engine thrust levels	•	•	•	•
ICAO/FAA/EASA/User-defined nose-gear, main-gear or wing tip clearances	•	•	•	•
Service connections and vehicles, clearance box(es), engine-intake area(s)	•	•	•	•
Airplane cloud and merged clearance box (all airplanes on a lead-in line)			•	•
Fuel pit(s) and other installations, with safety and/or operational radius				•
<b>REPORTING</b>				
Create Microsoft Word® (.odt), Excel® (.csv) and/or CAD text reports	•	•	•	•
<b>ANIMATION AND VISUALIZATION</b>				
Animate airplane, helicopter and vehicle movements in CAD drawing	2D	2D & 3D	2D	2D & 3D
Create movie (AVI) presentations with multiple simulations		2D & 3D		2D & 3D
Follow a moving object or pan between fixed camera positions		•		•
Set properties for simulations in presentation, e.g. fill color, line types		•		•
<b>DATA MANAGEMENT</b>				
Set colors, line type, layer/level and other properties for display elements	•	•	•	•
Export/Share custom objects	•	•	•	•
Import simulations from the user database and place in a (new) drawing		•		•
Export/Share simulations for use in other drawing(s) and/or CAD platform(s)		•		•

For a more detailed version comparison, please contact Transoft Solutions or a Transoft Solutions Authorized Reseller.

Valid from 19 April 2021 until further notice