



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
LIBRARIES				
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
CUSTOMIZATION				
Create custom objects and service vehicle arrangements	•	•	•	•
PATH CONSTRUCTION				
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		•		•
Change steering angle dynamically to optimize maneuvers		•		•
STAND DESIGN (CONTACT AND REMOTE) AND PARKING				
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				•
Clearance violation alerts on/between stands				•
AIRSIDE DESIGN				
Airplane filtering and sorting options, compare and/or select critical airplane(s)	•	•	•	•
Design taxiway intersection fillets		•		•
DISPLAY ELEMENTS				
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				•
REPORTING				
Create Microsoft Word® (.odt), Excel® (.csv) and/or CAD text reports	•	•	•	•
ANIMATION AND VISUALIZATION				
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		•		•
DATA MANAGEMENT				
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 30 April 2018 until further notice