

Simple Ground Equipment & Services

Milestones (3)



Updates and milestones

Version 72.9, 11th of December 2024

- In X-Plane 12, **enabled the passengers for all helicopters and small aircraft**, with a reduced total number suited to the smaller seating capacity.
- **Passengers will only appear automatically with the airliners**, the user has to force manually the display of passengers in every other cases. **Passengers are indeed only intended, designed and tested for airliners, even if enabled for helicopters and small aircraft from now on.**
- Ensure a long bus is only coming when a passenger bus is expected instead of a different, smaller, vehicle
- Updated the aircraft list in the manual
- Changes in two 3D vehicles
- Added adequate services for the **DASH-8A**, revised them for the DASH-8C (Q300)

Version 73, 21th of December 2024

- Enhanced the optional user profiles to carry more information, like the passenger door location, when no stairs are used
- Boarding without stairs : some code redevelopment
- Tuned some aircraft configurations, like including the passenger door location
- Added a **Pilatus PC-12** configuration
- Added **Twin Otter** specific code
- Enhanced integration of **Thranda airplanes** chocks and tie-downs
- Custom code for the catering truck for the **MD-11** enhanced for the passenger variant
- Extra code rework
- Controlled for quality in X-Plane 12.1.2-r4

Version 73.1, 1st of January 2025

- Enhanced the **LevelUp 737 NG series** compatibility
- Updated some Twin Otter value to fit the payware R. Wilson version.
- Reorganised the dev mode very slightly
- **Second upload : prevention of a FWL crash due to the Twin Otter preferences**

Version 73.2, 12th of January 2025

- **Diamond DA-20** enhanced recognition
- New feature : **"mirror the services"**. As an exception you can board passenger on the starboard side however some animations are voluntarily simplified. Restricted to small aircraft.
- **S92 helicopter** refined (and mirrored) ground services (because the door is on the right hand side on the model).
- Adjusted the user profile export module, to allow each user to save the mirror status in their user profile.
- Added **Type 45 Destroyer** compatibility (as static or dynamic boat). You need to download the destroyer and install it by yourself if you want it. We only have placeholders in place. [Optional Ships.pdf](#)
- Updated optional ships documentation
- Developed in X-Plane 12.1.2 - not tested with 12.1.3.

Version 73.3, 22th of January 2025

- Embraer Regional Jets (ERJ-140) enhanced recognition (cargo hold on the left hand side. Tested by [@domvc10](#))
- **X-Plane 11.55 : corrected a FlyWithLua crash** when requesting the aircraft carrier or the frigate (only for X-Plane 11 users).
- Switched the type KC-135 to boarding without stairs
- Developed in X-Plane 12.1.2 and X-Plane 11.55

Version 74, 4th of February 2025

- **X-Plane 12.1.4 new library objects** ("Ambulances, Trucks, Airside and Airport Operations") support
- **Added night lighting to X-Plane 12 new library objects**

- Relegated the use of the legacy (compared to the new 12.1.4 assets) vehicles as an available option (civilian vehicles)
- Regional diversity of vehicles (civilian vehicles)
- Local random diversity of vehicles (civilian vehicles)
- Embraer 170 and 175 : you can revert to a regular catering service truck (option on the fly).
- Integrated in the GUI some more rarely used options which were only editable in configuration files previously
- **Bugfix : anti-respawn** could crash X-Plane when no AI aircraft were flying around.
- Developed in X-Plane 12.1.4 and X-Plane 11.55



Version 74.1, 6th of February 2025

- **Options** previously in configurations files can now be changed in-game in the graphical user interface (like "No cones" at startup)
- Added **auto-detection of third party assets**, like X-Trident cars (CH47 payware) and X-Trident aircraft carrier Cavour (AV-8B payware)
- **Added custom chocks for all aircraft**, replacing Laminar Research objects used so far
- Fine tuned chocks for the CONCORDE, DH8D, BAE146-100, BAE146-200, BAE146-300, E170, E175, E190, E195, B737-800, B767-200, B767-300, B767-400, B777-200, A319, A320, A321, A330-300, A330-900, A340-600, Cessna 172, Cessna 337, Cessna Citation X, SR22, Lancair Evolution, BE9L, PA18, PA28, RV10, CT4, DV20 (Diamond 20), SF50, KODIAC, E55P Phenom, AV-8B, F-14, F-15, F-16, F-104, HAWK, CH47, ALIA 250
- Note : all other aircraft have the new chocks but their position is not as accurate as those.
- **Customization of chocks emplacement available in the developer menu** from now on, can be saved as a user profile.
- Included a command to launch the initial or the turn-around **apron sequence** (see X-Plane Keyboard preferences)
- Timing of the apron services sequence now saved automatically in the user preferences if the user choose a different duration.
- **Bugfix : repaired the boarding or deboarding direction**, which was falsely reversed in favor of deboarding (instead of the expected boarding) at first call.
- **Bugfix** : it was not possible to move the maintenance stair or the heavy crane for some kind of aircraft, the control menu is back.

Version 74.2 😊 10th-17th of February 2025

- Option to manually reduce even more the number of passengers, on top of the existing automatic mechanism
- GLF650ER elected for a reduced number of passengers by default
- Catering opens and closes the Dash-8 Q4XP Rear Right door.
- In X-Plane 12, use Laminar Research Air Start Unit but with a new high pressure air duct.
- Force (once) passengers to deboard after a flight. I did struggle a bit with several iterations, after a transition from a long-standing logic to something different. Now I believe it's stable.
- Reupload : correct geometry for the High Bleed Air Start Unit
- More fine tuning for the Boeing 787-8, Boeing 787-9, MU-2

Version 74.3, 22th of February 2025

- Catering truck with more 3D volumes
- Landing gear chocks geometry refined for the B737-600, B737-700, B737-900
- Duration of the turn-around sequence is now adjusted to a shorter time as well when the user preference was adjusted to a short departure services sequence.
- Developer mode accessible also from the AW-109SP helicopter.
- CitationJet C525 added.
- Extensive support with for the Embraer Lineage 1000 (E19L). Including the airstairs and differences with the Embraer 190 airliner.
- Support for the CDB-Library if you have it installed in the Custom Scenery folder. The user has a new option to use the static people from that library.
- Links to check for SGES updates (in the options)
- Links to the weather report at current location via a button in the graphical user interface

Version 74.4, 23th of February 2025

- **CRITICAL FIX** : adjustments to remove broken OS dependencies introduced in the previous version.
- **SECOND UPLOAD** : removed libraries autodetection by default, to avoid MS Windows support issues
- Weather website : switched by default to an European source, because "Thousands of U.S. Government Web Pages Have Been Taken Down", the New York Times says
- Weather website : new user option to select provider in Norway [default], Spain or USA.

Version 74.5, 23th of February 2025

- Red carpet added for VIP, under some conditions (flying a bizjet and some others).
- Fix for the **Embraer Lineage** : restored manual door control in X-Crafts's EFB, thanks to [@mooney man](#) report

Version 74.6, 11th of May 2025

- Added the possibility to display the airliners airstairs away from the fuselage doors. (There no animation though between the in-contact position and the distant position, it's just a switch).
- Redefined the DC-3 and C-47 gear chocks positions
- Offer either a boarding ramp for the DC-3 or a small metallic stair (in bush mode) (not in sync with pax) (only tested in X-Plane 12.1)

Version 74.7, 21th of May 2025

- Reworked ground handling for the BAe 146 in X-Plane 12
- BAe 146-100, BAe 146-200, BAe 146-300 passengers versions with tailored ground set
- BAe 146-100, BAe 146-200, BAe 146-300 Quiet Trader versions with tailored cargo set

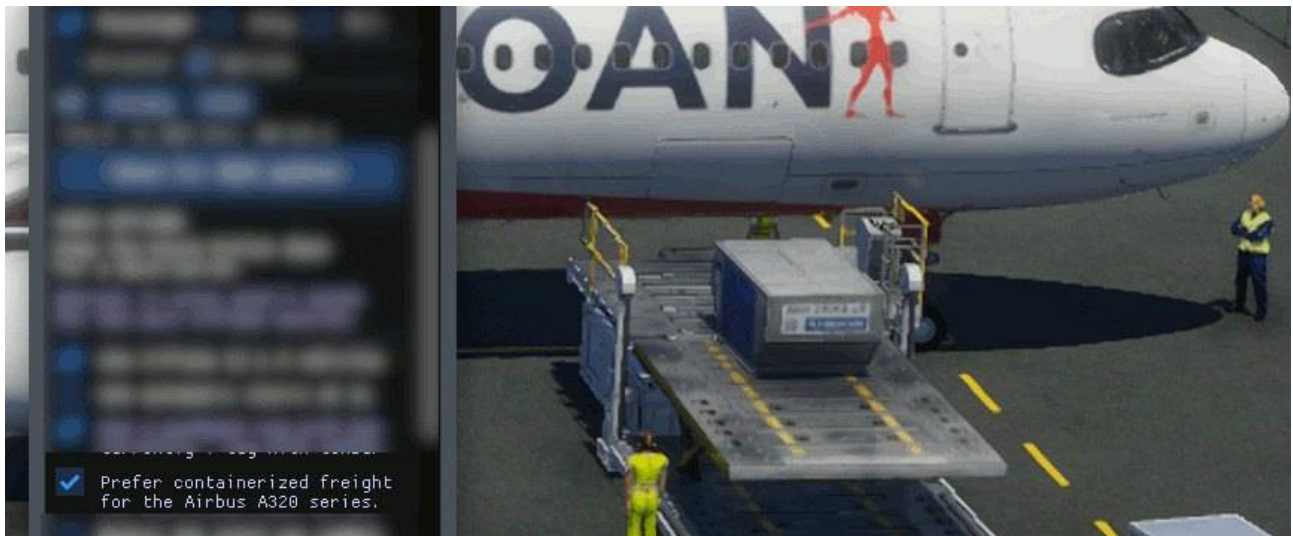


Version 74.8, 1st of June 2025

- **Bugfix** : restored manual pushback when no wing walkers are available (one change in subscipt Pushback.lua)

Version 74.9, 20th of June 2025

- Sopwith CAMEL tailored support
- AS365 Dauphin helicopter tailored support
- Adjusted the chocks position in the Flight Factor / StepToSky 757-200, 757-300.
- Mil-24 Hind helicopter added
- Sokol W3A helicopter added
- Added an option to force the use of containerized cargo in the A320 series holds instead of loose cargo, even for passengers variants.



Version 75.0-b, 23th of June 2025

- The use of containerized freight in the A319 aircraft (instead of loose cargo) is now reorganized to avoid conflicts among ground services and also with the engine. (Tailored code for the A319 when an ULD loader is selected per option instead of a belt conveyor).
- X-Plane 12.2.0 brings native chocks. Added a per-session option (OFF by default) to use the new X-Plane native chocks instead of SGES chocks.
- Modifications to the pushback function, to ease backward movement with early engine start.
- Further tuning of the preplanned pushback function
- Changed the download link on 2nd of July

Version 75.1, 6th of July 2025

- New airplanes : BE2c, **Fokker DR1** tailored support along with the already existing Sopwith F1 support
- New feature for combat : **fire at the crash site** with **anti-respawn** active in dogfight
- Code stabilization : added safeties for when aircraft global variables might be missing
- Update : adopted a new **wildfire effect** for X-Plane 12 users
- Update : **updated the shipwreck with new fire effects** for X-Plane 12 users
- New feature : SGES can use the **X-Plane 12.2.1 new airport fire department vehicles** (backward compatibility before 12.2.1 tested)
- New : SGES brings night lighting and water spraying effects to X-Plane 12.2.1 fire department vehicles.

Version 76, 20th of July 2025

- MD-80SF series and B737SF series can receive an adequate ULD loader for the main cargo deck.
- New option in the developer menu to save a configuration with cargo holds on the left hand side
- New wildfire effects, provided the outside temperature is high enough
- **The SGES wildfire can be extinguished** by X-Plane waterbombers [*Payload must be jettisoned with accuracy*].
- **AI plane crashes trigger a fire and smoke column** [*Anti-respawn must be selected*].
- The **SAM site is now a ground target** and be destroyed part by part by X-Plane bombs [*SAM site must be selected*].
- The **Front Line expansion**, with Normandy 1944, France 1917, A Shau Valley 1965 predefined profiles.
- integrated (with permission) Alpeggio's armoured vehicles

Version 76.1, 22nd of July 2025

- Fire fighting ground services : added the *pelicandrome* configuration. *Pelicandrome* is the name used by the French Civil Security for a refill station for ground-based fire-fighting airplanes. (Tick "EMS" then "Pel.")

Version 76.2, 3rd of September, 2025

Minor update with :

- Slight longitudinal change of the main cargo deck ULD Loader position along the fuselage of the [the A320 P2F](#)
- Added the [Nieuport XVIII](#) support.
- X-Plane 12 native US ambulance now available for EMS helicopters

Version 76.3, 13th of September, 2025

Minor update with :

- Checked the [Spad XIII](#) compatibility
- Checked the [F33A Bonanza](#) compatibility
- X-Plane 12 native *European* ambulances now available for EMS helicopters starting with X-Plane-12.3
- Added a possible user configuration at the model level to use the native X-Plane 12.2+ chocks and save that (aircraft specific, through the developer menu)

Version 76.4, 10th of October, 2025

- For the push-back, added the big Tug GT110 for airliners (appears randomly)
- Added a few seconds delay before starting the push-back, after it is requested.
- Improved FlyJSim Boeing 727-200F compatibility with our main deck cargo loader

Version 76.5, 9th of October, 2025

- Adjustments for the F-35 Lightning II in X-Plane 12
- Automatic Fire Brigade scramble when the status of the plane is crashed.
- Removed Aircraft Carrier and Frigate manual steering controls after X-Plane 12.3 to safeguard FlyWithLua from crashing



Version 76.6, 15th of November, 2025

- The chocks don't prevent helicopters lift-off anymore provided enough downwash exists
- Top right corner of the menu : added a direct access to the X-Plane Weight and Balance menu
- Added the Alouette III Helicopter nose gear coordinates for chocks.



Version 77, 23th of november, 2025

- Enhanced support for the type Boeing 747-200
- Added buttons for the Felis B747-200 : GPU / ACU / Chocks / EFB / Before take off procedure / After landing procedure
- New support specific of the **Boeing 747-200F** (cargo)
- Reworked the chocks and enhanced in particular the interaction with the **Hot Start Challenger 650 chocks**.

Version 77, 23th of november, 2025

- Enhanced support for the geometry of the type **Boeing 747-200**
- Added buttons for the Felis B747-200 : GPU / ACU / Chocks / EFB / Automatic before take off procedure / Automatic after landing procedure
- New support specific of the **Boeing 747-200F** (cargo variant with nose loading)
- Reworked the chocks and improved in particular the interaction with the **Hot Start Challenger 650 chocks**.



Version 77.1, 24th of november, 2025

- Enhanced support for the Boeing 747-200 was made in v77.0 with the Felis B742 freighter version, but the passenger version blocked FlyWithLua as an user reported. This is solved, now both **B742P** and B742F receive the same treatment.

Version 78, 30th of november, 2025

- Reconstruction and rearrangement of the files and folder. **Please make a full delete of previous versions (or backup somewhere else !)** and download again the full archive for version 78.
- Enables incremental updates through SkunkCrafts_Updater

