Simple Ground Equipment & Services

Low tech ground services

Simple Ground Equipment & Services displays static objects around your aircraft on the ground

Aérographe

AIR FRANCE

Version 8 has now chocks that actually retain the aircraft

VERSION 10

So far for the version 10 I have improved the handling of jumbo jets like the Boeing 747. The handling is adaptative, without the user knowing. You'll discover more details as you use the loading equipment.

On top of that, Mr Sparks B744 and SSG B748 have now both a preset. I also added presets for the E170-E195 range of Embraer aircraft and a baggage cart.

Version 11 : active deicing services with low OAT for 45 minutes of ice-free airframe as effect of the deicing fluid after application.

v11.2 is only a small addition compared to 11.1 : I added the preset for the Cessna 140.

VERSION 12

Version 12 : I have made an alternative stairs object, available for A3xx and B7xx aircraft types. These object is called stairs Mk III in the menu.

VERSION 13

Version 13 is compatible with the Airbus A3ST Beluga

VERSION 14

Version 14 : A3ST Beluga chocks corrected, Follow-me path reworked slightly, chocks loading position function redone, embryonic vocal marshaller function to designate a point on the ground behind the follow-me, as a fall back if your stand doesn't already have a marshaller.

VERSION 15

Version 15 : an actual marshaller. Sometimes for an unexpected nor elucidated reason, I don't get the SAM or the Autogate marshaller. This is (above in the post) my backup mechanism to avoid switching in outside view to correctly park the aircraft.

VERSION 16 & 17

Version 16-17 : A new simple push-back will make its appearance. A new simple push-back will make its appearance also in the next version :

I also had to customize the Beluga push-back, because the flight deck is very low above the earth. The vehicle switch to support the Beluga will be fully automatic, without user intervention. Version 17 is a repackaging of the correct files on my side.

VERSION 23

Version 23 has wild/industrial fires.

VERSION 27

Major Version 27 fixes the detection of the add-on "SAM Worldjetways XP" (there was a coding error). That should improves on many users reporting the script was not working. Both the main script and the configuration file have changed. Also added : customization for the Q400 and Saab 340 aircraft types.

VERSION 28

Minor version 28 has some customization for the Concorde. Both the main script and the configuration file have changed.

VERSION 29

Minor version 29 adds some customization for the ToLiSs A340-600. Both the main script and the configuration file have changed.

VERSION 30

Minor version 30 adds some customization for the ToLiSs A340-600 converter to Freighter ("Preighter"). ONLY the main script has changed. The user config file hasn't changed since version 29.

VERSION 31

Major Version 31 makes the marshaller more efficient when requesting an automatic determination of stand position, and use more efficiently the custom scenery stand positions (provided the user has compiled his own cache in SNLE) and the global scenery stand positions. A togable 3D arrow can indicate more blatantly the targeted stand position. A second airstair is now also available, at the moment only for the A340-600 2L door . Both the main script and the configuration file have changed.

VERISON 32

Major Version 32 A second airstair is now also available for the 319/321/742/752/753. The CR700 by ADSimulations configuration has been added. Both the main script and the configuration file have changed.

VERSION 33

New Generation

- A second airstair is now also available for the Inibuilds A310. A310 customization added.

- The A340-600 configuration has been fixed.

- The user configuration file has been split between aircraft preset and vehicles customization file

- MisterX library assets now integrated by default, including a follow-me car, yet the reversion to X-Plane 11 objects is still available.

- Custom airstair 3D model changes

- lots of code change, hopefully I didn't introduce too much bugs.

VERSION 35

Version 35 has now the LevelUp B736/737/738/739/739ER compatibility

VERSION 36

Bug fix (the marshaller stopped guiding the aircraft on stand after version 34).

VERSION 37

- arrestor cable or net barrier dynamic objects

- Active trapping (when aircraft ground speed is more than 20 knots)

- Active trapping thanks to the cable with the tailhook down

- After trapping, either with the cable or with the net, the FireServices are shown automatically

- The nearest ILS-equipped runway-end is equipped when the user selects the Arresting system in the SNLE menu.

- If the user continues to fly, the barrier or cable installation jumps automatically to the new nearest runway end.

- Uses the ILS navaid to gather the runway course and location (Limitation : at this time, only ILS equipped runway can have it). We use the navigation data, not the scenery

VERSION 38

And now in version 38, several code changes for housekeeping and to support the Shareware Metroliner III AC package from @Starving pilot and the FACO F-15

VERSION 41

- Panavia Tornado, T-2 Buckeye, X-Bureau A318 now added in the aircraft preference files

- Solved conflict with SAM jetways which prevented user without the addon to be able to dispatch the passenger bus. Totally removed SAM jetways interaction code.

VERSION 43

- EMAS Engineered materials arrest or system, modelised in 3D

- EMAS is now default arresting system

- Aircraft configuration adjusted for the EV55 Evektor (freeware) and the Challenger 650.

VERSION 44

- two files changed : main script and vehicle configuration file amended to add a backbone to support the Challenger 650 HD deicing vehicle instead of the Paul Mort deicing truck in low definition, only for people who happen to be Hot Start customers and have the CL650 installed (because we only link to the files on the hard drive and we certainly do not provide them).

The user may review his vehicle configuration file in a text editor to activate the deicing truck by un-commenting the reference to the Challenger directory in X-Plane.

VERSION 45

Many changes :

- 3D model of the follow me car updated, as permitted per licence of the original model. Credits : original model of a car by MisterX.

- better integration with ToLiss : calling the GPU now activates the ToLiss GPU for the A319, A321 and A346. Chocks will display and remove ToLiSs native chocks. 3D models for the Air start Unit and Air Conditioning unit will appear in the A319 and the A321 (not the A346) if triggered from the ToLiSs ISCS.

- less occurrences of the Marshaller not finding a parking stand in "auto" mode because "too far" of the user aircraft

- basic MD11 compatibility (only tested with Overland MD-11 FSX conversion) by zckerby

VERSION 48

- B727-100 and B727-200 ground handling set customized, including chocks

- SGES menu is back to hidden by default

- ASU position is repaired

VERSION 49.1

• New airstairs models created

• several vehicles reworked with reflections

• night lighting of the vehicles updated

• new animated 3D model for the active deicing services built on a MrX library asset
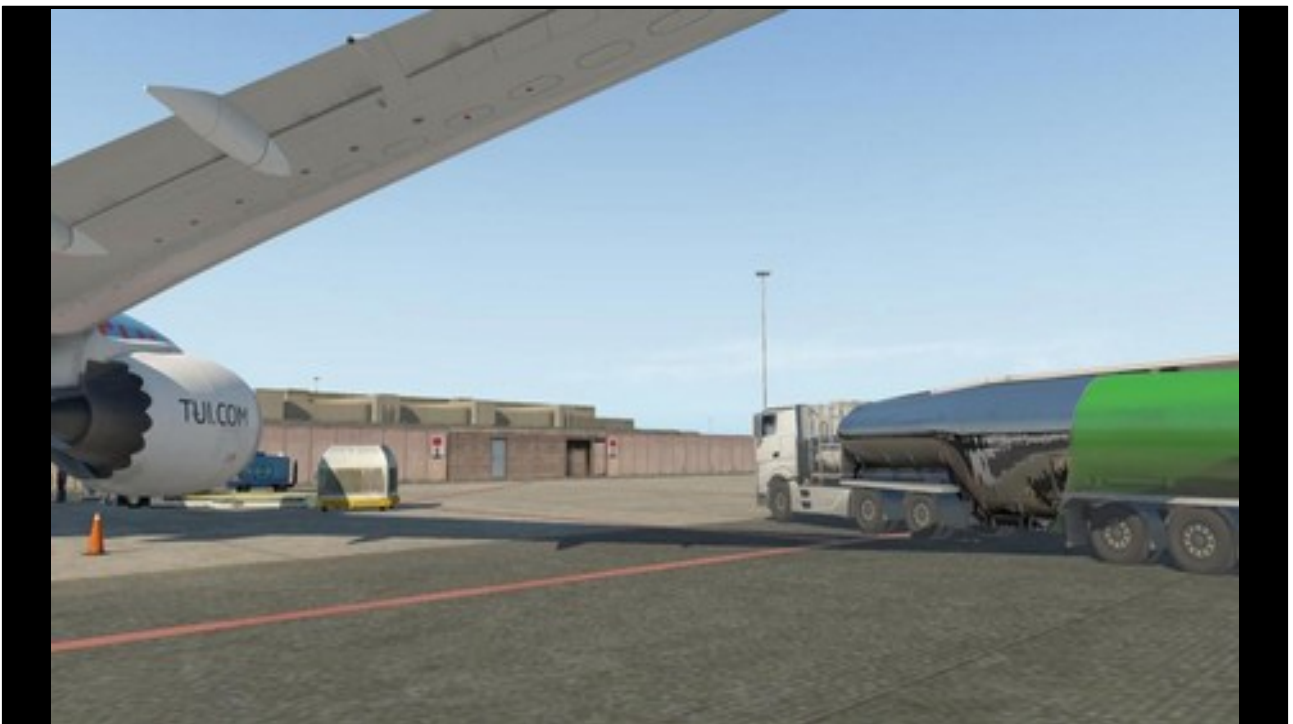
• update of the MrX Belt loader model for a more accurate one

• adjusted parameters for the A350/E170/E195/MD11

• Boeing 787-8 and Boeing 787-9 added

• Airstair code slightly tuned

VERSION 50.1

• New fuel truck (3D model)

• simulator pause handled

• New ULD cart train (3D model) for freighter aircraft

• Updated bush fire (object was missing and is also redone)

• Updated ships models (Wreckage site for helicopters)

• Start of code optimisation with structural changes to pave the way into the future

• New animated passengers (3D models) actually boarding from the bus to the forward or the aft airstairs.

• Many and various 3D models and code changes.

• Automatic 18 minutes sequence if user requested.

• Flight Factor A320 airstair support added

• JustFlight BAe-146 embedded airstairs toggle added in our menu

VERSION 51 (major)

• PRM boading truck was missing. The European Union Persons with Reduced Mobility (PRM) legislation is intended to ensure that Persons with Reduced Mobility traveling via public transport should have equal access to travel as compared to travelers with unrestricted mobility.

• new animation and code for catering truck

• one new passenger added, and boarding loop rewritten

- passenger are avoiding the wing cone when walking to an aft boarding stairs

- structural code rework : around 780 lines less than in the previous version of the code.

- soft engine sounds (can be deactivated in the vehicles parameters file if one doesn't like it)

- new custom definitions for the A330-200 and A330-300, DH8-100, DH8C (Q300), IL-96, B777-X, B707-300

- Avro RJ handled on top of the older BAe-146s.

- Second airstair added on B763 and B762 models

- PDF manual updated to follow the above changes

VERSION 52

- New detachable and movable window for the menu

- [BUGFIX] Arrestor system not reloading : fixed

- [BUGFIX] Conflict with JustFlight BAe-146 Speedy Copilot edition : fixed

- Arrestor system : added sound when catching the wire

- Cargo services : ULD Loader selection ergonomics improved, to be able to deselect it even when the user has back-selected the passengers ground services

- Reworked organisation of the menu

VERSION 52.1

• [BUGFIX] The marshaller was not giving stopping instructions any more. Less than ideal. I punished him and sent him back to the training course.

Latest versions from V49 to v52 have seen have seen many many dramatic changes in the code. Please help report any FlyWithLua bug in the comments if any.

VERSION 53

• New : Deboarding passengers (first rough version)

• B767-200F and SF added in the aircraft configuration files

• Optional automatic stairs (page 6 of the manual), when you open the 1L door, the stairs can appear automatically. Disabled by default, it can be enabled durably in the vehicle config file or temporary in the GUI. [User request]

VERSION 54

The version 54 is a minor update to polish the product, and brings a new ground service vehicle (the rear bagage loader).

• New : added the rear belt conveyor of ULD loader, in a stand-by position near the aircraft fuselage. [User request]

• New : added Felis Boeing 747-200 door support, recently added as a model update (door opening and closing) by Felis

• [BUGFIX] Adjusted user switch to the rear airstairs for deboarding passengers, in order to prevent erroneous passengers deboarding from the center of the airplane.

• [BUGFIX] PRM truck with business jets was incorrectly displayed

• [POLISH] Minor graphical menu improvements

• [POLISH] Housekeeping and tiny small changes in the code for a better product