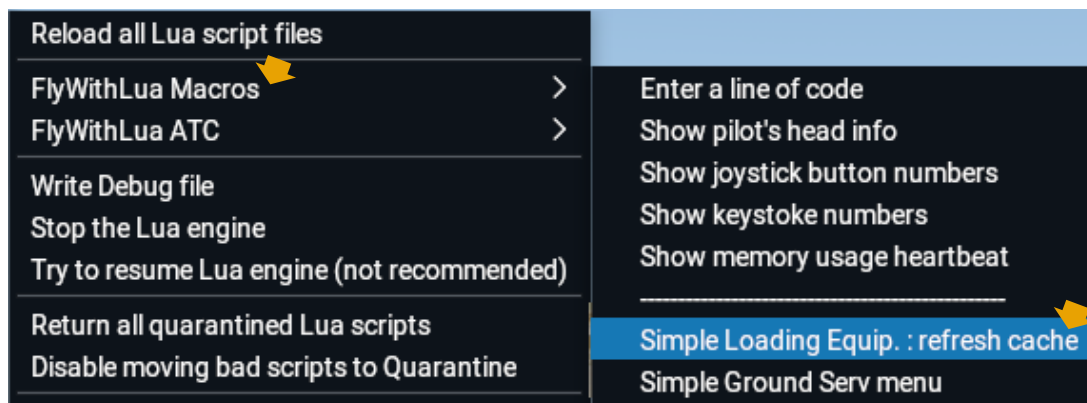# Simple Ground Equipment

& Services

The Marshaller

Using the Simple Ground Equipment & Services marshaller

It may happen you didn't get Autogate or SAM plugins, or their marshallers and docking systems may be unavailable at your place. Still we would like to avoid going into an external view to park precisely on the lines. To do so we need to target the intended nose gear position beforehand.
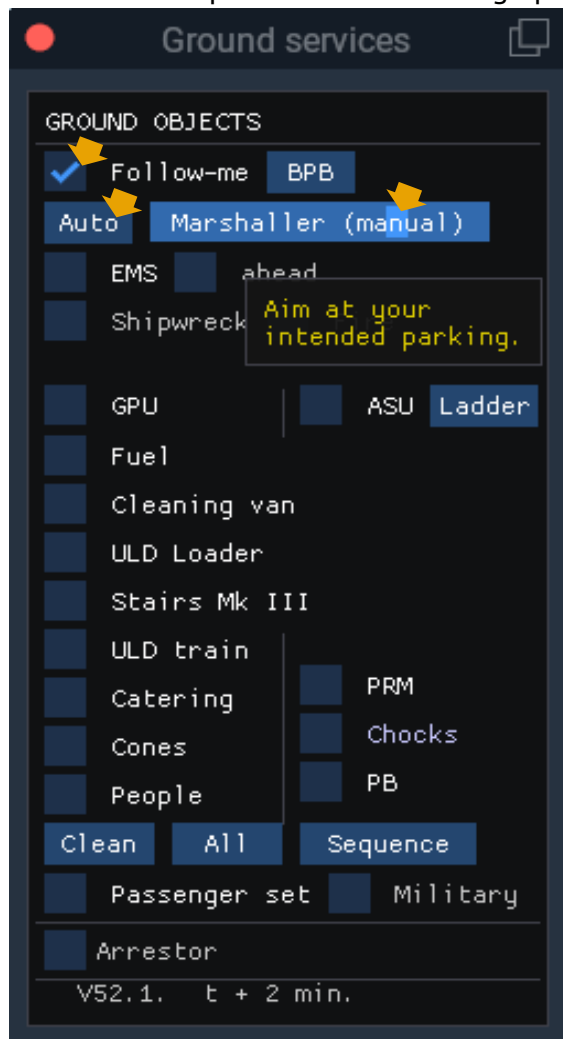- We do so either :
  - automatically from x-plane airport definitions (not always accurate)
  - or manually from our flight deck through the windshield.

It's a good idea to regenerate SGES airport cache after installing a new scenery, especially a scenery inside the Custom Scenery folder, otherwise the marshaller won't see it.
Go to Plugin → FlyWithLua → Macros → refresh cache

The different options available in the graphical menu are:

"Follow-me" : requesting a car is required to display a marshaller afterwards. The follow-me will truly help you lining your aircraft, your parking position and the car.
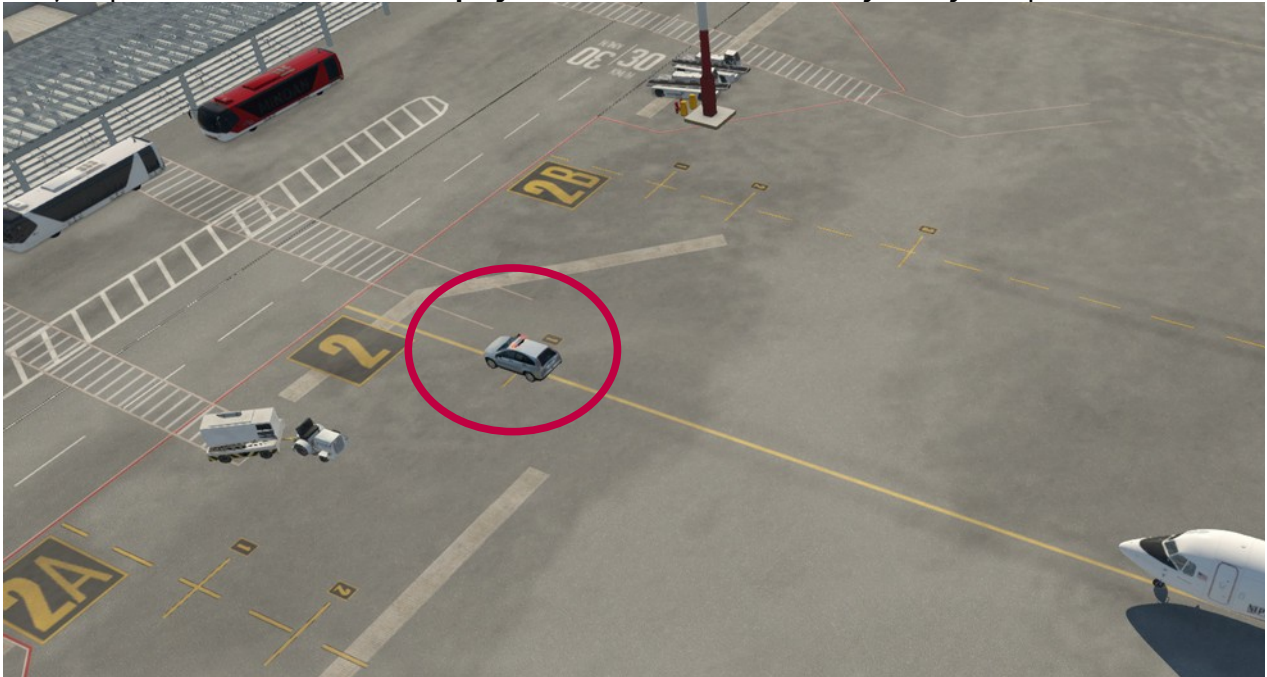
"Auto" : the aiming point will be collocated at the nearest stand or gate, if possible. Misalignment between the airport definition and the texture might happen, so the rules to trigger the "stop" signal by the marshaller are relaxed in this automatic mode.

"Marshaller manual" : the manual mode. This slider help you visually designate and lock a stopping point using a 3D targeting blue arrow.
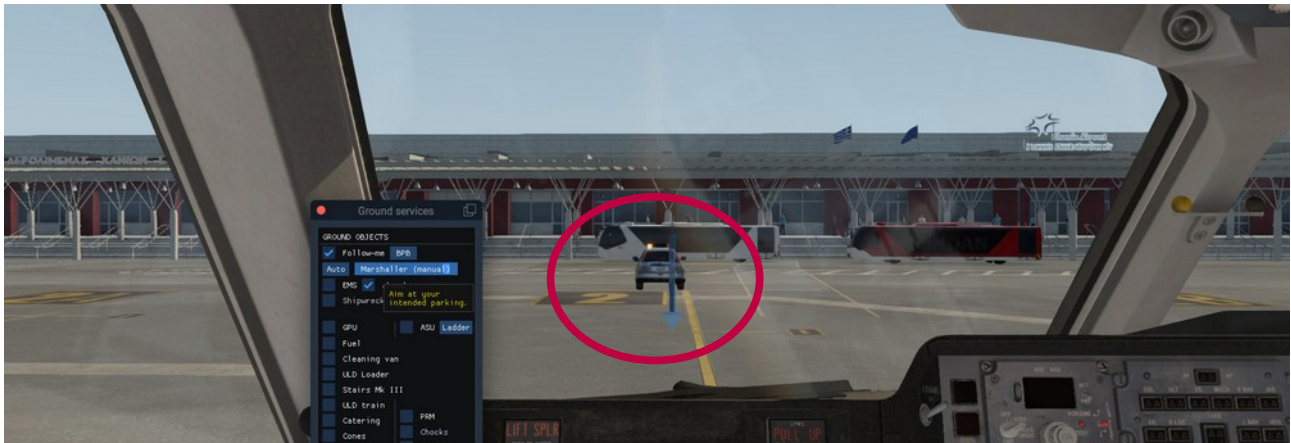
Tutorial

1) Open the SGES menu and **display the follow-me car**. Taxi very slowly into position.

2) To capture your capture your parking position
- in automatic mode, press "**Auto**" and get the nearest stand available per X-Plane. However, the visual capture can be more accurate than relying on the Gateway airport definition files.
- in manual mode, capture your stand position visually by pressing **« Marshaller manual »** in the menu. Slide the blue arrow longitudinally until it is collocated with the target stopping point.
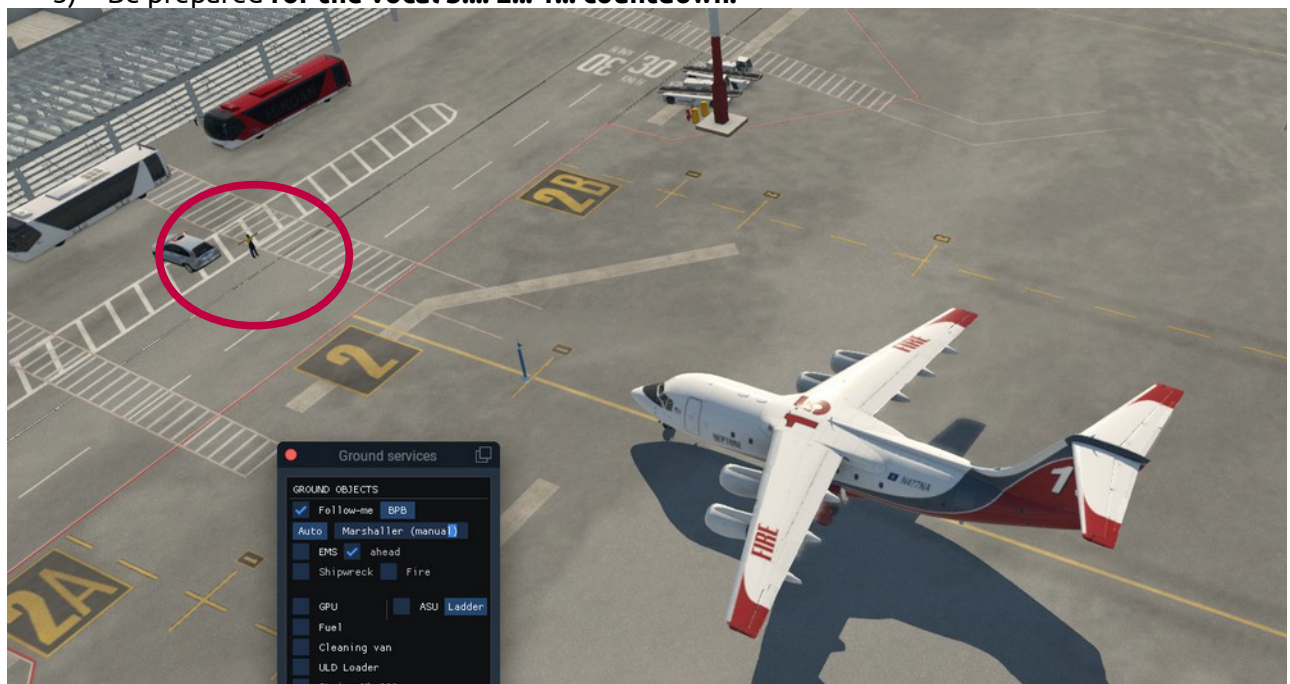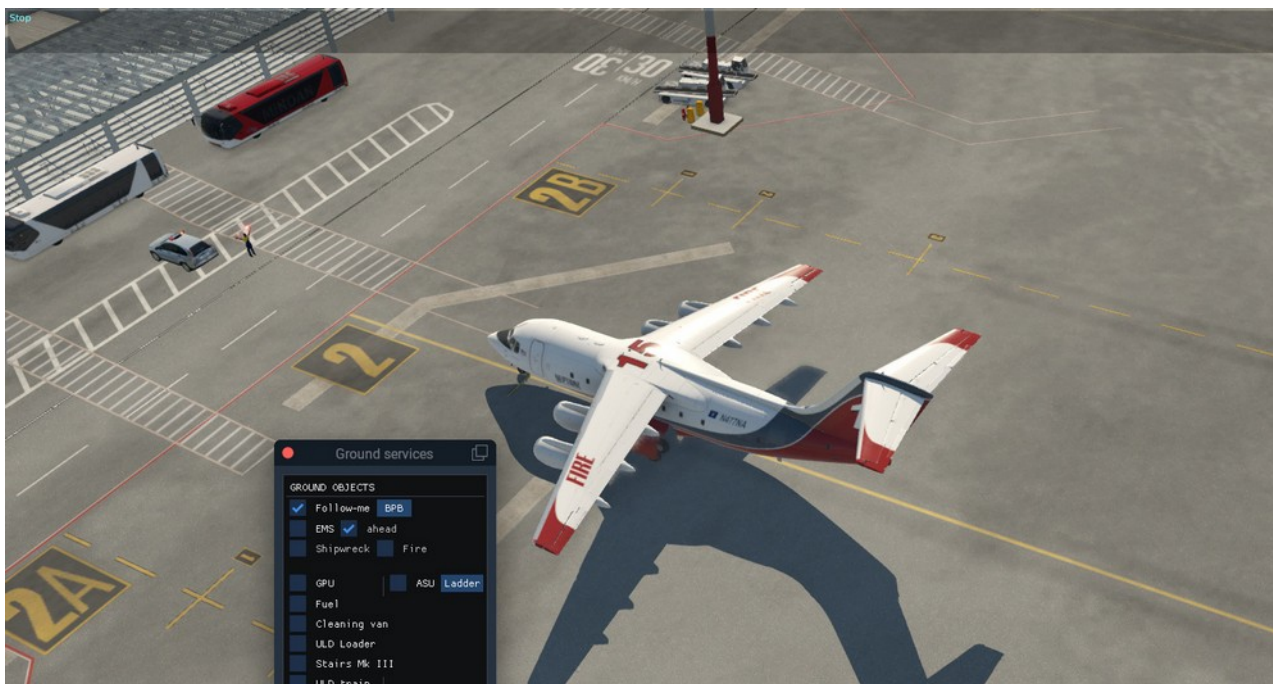
4) Continue rolling toward the final parking position. The Follow-me car will stop, a marshaller will step down. *We use Paul Mort 3D Marshaller from "the Org".*

5) Be prepared **for the vocal 3.... 2... 1... countdown.**

6) After the countdown, **the marshaller will call « Stop »**.
When the marshalling hand-pads lights turn red, you have reached your captured parking position.

7) You should end up very nicely, without the need to leave the flight deck to stop precisely on marks.

8) To finish, turn the beacon off to conclude the sequence to dismiss the guy.

Recycle the follow-me car as needed to get a new marshaller.

The Push-back

SGES v16.1 and above.

Since SGES v16.1 two modes exists :
automatic pushback and manual pushback.

Auto
1) Release the parking brake
2) press "PB"
3) The aircraft is now pushed back.

You roll axis can slightly change the direction of push.

5) Depress "PB" to release the push-back tractor.

Full manual mode

3) Release the parking brake
4) press "PB"
3) deselect "Go"

4) Your pitch and roll axis control the tractor.

5) Depress "PB" to release the push-back tractor.