# Release Notes

## 1.0.1 - 2026-11-15

- **Licensing explained step by step.** The User Guide's licensing procedure was rewritten, with screenshots of every step: requesting a license, entering the license code, downloading and installing the license file, and what the General page then shows. It also explains temporary licenses and the messages you may meet.
- **When you need the PROFESSIONAL license.** The User Guide now says when a professional-use license is required, following Laminar Research's rule for X-Plane for professional use.
- **The license page checks your code as you type.** Letters are converted to upper case, the dashes are added for you, and a mistyped group of five turns red, so a typo is found before you submit the code.

## 1.0.0 - 2026-11-14

The first full release. It includes everything from the beta versions below, plus:

- **Professional or home use is now shown on the license.** The General page says *"License authorized for professional use"* (green) or *"This license is authorized for home/hobby use only"* (yellow), depending on the new `PROFESSIONAL` license feature. For now this is informational only; no function depends on it.
- **Smoother intercept fighter.** The fighter no longer jumps back a few meters at the end of its approach, as it settles into its hold position next to your aircraft.
- **Tooltips no longer cost a click.** After hovering a button and its tooltip appearing, the next click used to be swallowed, so buttons such as *Request license* needed two clicks. They now react on the first click.
- **More places to find CSL models.** TCAS Trainer now scans, in addition to its own `IVAO_CSL` folder, the CSL folders used by other plugins (xPilot, LiveTraffic), a `CSL` folder inside the plugin's own directory, and an additional folder of your choice. The General page shows every folder that was searched, and has a *Browse...* button to pick the additional folder.
- **Easier licensing.** The General page has a new *Install license file...* button: choose the license file you received and TCAS Trainer checks that it is valid for this computer before installing it. *Request license* (now the first, blue button) opens the license page in your browser with this computer already identified, so the machine ID is no longer shown on the General page; the button reacts on the first click.
- **Santa Claus aircraft.** A new `SANTA` license feature unlocks the Santa Claus aircraft (ICAO type `SSLH`) in the aircraft-type lists. The **Christmas edition** comes with this single CSL model, in the plugin's own `CSL` folder.
- Galloping models animate with the aircraft's speed (propeller-angle animation is driven from airspeed).
- Each license can be activated on up to three computers.
- **Sharing TCAS with other plugins.** Only one plugin at a time can drive X-Plane's TCAS display, and plugins such as LiveTraffic and xPilot do not give it up on request. When another plugin holds it, TCAS Trainer now says *"Waiting for plugin to release TCAS"* on whichever page is showing, asks the other plugin only once (not on every frame), and takes over by itself as soon as it is released. When another plugin asks for TCAS while TCAS Trainer holds it, TCAS Trainer yields instead of taking it straight back. See *Running Alongside Other Traffic Plugins* in the User Guide.

## 0.9.4-beta - 2026-08-28

- New **TA only** mode: an intruder that never reaches a Resolution Advisory and instead climbs or descends away halfway through the Traffic Advisory band.

## 0.9.3-beta - 2026-08-26

- The configuration window now remembers whether it was shown or hidden across sessions.
- The intercept fighter can re-trigger its wing-rock on demand, and *Time to encounter* is now a slider that works in both directions (drag it and the intruder speed follows).
- Every spawned intruder now gets a fresh Mode S address, everything starts deactivated after a load, and the intercept fighter refuses to activate when too slow or too low.

## 0.9.2-beta - 2026-07-29

- Added a short pause before an automatically regenerated intruder respawns.
- Added the License Agreement (PDF) to the release package.
- The User Guide now shows the real plugin version on its title page.

## 0.9.1-beta - 2026-07-26

- Fixed bugs in the collision shape and in reloading the plugin.
- The *Final position* dial now shows a collision-danger indicator.
- Fixed *Reading the Status*: the Resolution Advisory sense shown is the intruder's, not the ownship's; the readout is disabled when *React to RA* is off.
- The plugin is now called **TCAS Trainer**; the User Guide was rewritten and all screenshots refreshed.
- Version numbers are now generated at build time (release, alpha, beta and snapshot channels).