



EDITABLE PARAMETERS:

- WEATHER
- ATMOSPHERIC
- ENVIRONMENT

- FULLY CUSTOMIZABLE
- SAFE & NON-DESTRUCTIVE
- REAL-TIME RENDERING
- SAVE & SHARE WITH OTHERS
- SIMPLE TO USE INTERFACE



Quick Look

Introducing REX Atmos CORE: A Revolution in Atmospheric Control

Imagine having total power to shape the atmosphere, weather, and environment of Microsoft Flight Simulator 2024 at your fingertips. With Atmos CORE, you're not applying simple visual tricks, you're directly influencing the simulator's core atmospheric engine in real-time. Achieve unmatched realism, cinematic immersion, and complete creative freedom like never before.

Why Atmos CORE?

- Real-Time Core Integration: Changes injected directly into the MSFS 2024 engine, not just surface-level filters like ReShade or Nvidia filters.
- Immediate Visual Feedback: Instantly see the impact of your adjustments, eliminating guesswork.
- True-to-Life Atmospheric Simulation: Physically-based modeling ensures realistic weather, lighting, cloud behavior, and environmental effects.

Powerful Features at Your Fingertips

- Modular Interface: Easily manage Weather, Atmosphere, and Enviro settings.
- Custom Weather Creation: Craft detailed scenarios or modify live weather in real-time.
- Advanced Atmospheric Controls: Adjust Rayleigh scattering, particle density, atmospheric depth, and much more.
- Precise Environmental Lighting: Fine-tune global tone, ambient color, and directional lighting with detailed RGB controls.
- Particulate Simulation: Recreate authentic haze, pollution, dust storms, or fog conditions.
- Robust Preset Management: Save, share, and auto-load your favorite with secure cloud backup.

Ready for the Future

- Upcoming integration with REX Weather CORE for dynamic automatic adjustments.
- Future-ready dynamics that evolves during your flight.



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Deep-Dive: Features & Capabilities Overview

What is REX Atmos Core?

REX Atmos CORE is a powerful real-time atmospheric, weather, and environmental engine built specifically for Microsoft Flight Simulator 2024. It redefines how the simulator handles live, preset or Activesky FS weather, cloud behavior, lighting, and atmospheric rendering by allowing you full visual and physical control, directly at the core level of the sim.

Atmos CORE isn't just a filter overlay like ReShade and Nvidia Filters, it injects changes directly into the simulator's engine producing real-time results that respond naturally to the environment. Whether tuning for realism, cinematic style, or complex environmental behavior, CORE gives you tools to craft an experience uniquely yours.

A Deeper Level of Immersion

Atmos CORE is a modular interface: Weather, Atmos, & Enviro. Each gives you ability to create, customize, save, and share presets while receiving real-time visual feedback. Whether modifying weather, fine-tuning atmospheric, or sculpting the environment, all adjustments happen in real-time, and physically based in realism.

Switch between Live Asobo Weather, Preset Weather, Activesky FS, or build your own weather using simple or advanced editing modes. Adjust temperature, humidity, wind, cloud heights, storm intensity, even recreate hurricanes or heavy fog. User-created presets can be saved or shared with the community through cloud-based sharing.

Atmosphere Control Like Never Before

Simulate realistic atmospheric layers, tune scattering height and Rayleigh RGB values, and control light phase functions to achieve beautifully blended sky transitions and believable horizon behavior. Realistic haze, dust, and moisture can be added using the built-in Particulate Simulation Engine, allowing you to replicate a wide variety of air quality conditions including pollution, mist, or dry heat.



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Transform Light & Color

Refine how color behaves across the entire environment. Adjust ambient light tinting, directional scatter, and global tone to control how the world responds to different conditions. Lock channels for precise coloring or tune each individually for total creative freedom.

Future-Ready Features

Atmos CORE is designed with forward-thinking capability. It will soon support dynamics that evolves with time-of-day or flight progress, as well as smart integration with REX Weather CORE to auto-adjust your Atmos and Enviro settings based on evolving weather conditions.

Live Weather Depiction & Visual Tuning

Live Weather Depiction & Visual Tuning allows you to fine-tune how real-time weather is visually and physically rendered in the simulator. Adjust Weather Impact Scale and Mode to control how strongly live conditions influence atmospheric behavior.

Built for Simulator Purists

This is not a shader trick. Atmos CORE is a deeply integrated system that works INSIDE (not on top) Microsoft Flight Simulator 2024. Every feature is grounded in physically based modeling. Real-time feedback ensures what you see is what you get, with no guesswork.

Weather Building

Create fully customized weather environments, save and share them exclusively with other Atmos CORE users. Once shared, others can experience the exact same weather conditions in real time. It's a new level of multiplayer immersion and realism.

Customer Upgrade Path

Existing owners of REX Atmos 2020 will receive a 50% discount when upgrading to Atmos CORE for MSFS 2024. A valid REX Atmos 2020 license is required to unlock the discount.

Powerful Preset Management

All modules include a SAVE feature, allowing you to save the looks and/or weather you created. Presets can autoload at launch, and all data is safely stored both locally and in the cloud for peace of mind across reinstalls or device changes.

Unique Differentiators

- Core simulator engine integration (*not shaders, such as ReShade. etc.*)
- Live visual feedback
- Physically-based rendering models