



## Meldung von Black Box Simulation zur Version 0.6 des Airbus Prologue

vom 29. Dezember 2012

\*\*\*\*\*

AIRBUS Xtreme Prologue ... A taste of things to come.

Now includes Airbus A318, A318CJ, A319 & A320

For Microsoft FSX & Prepar3D

Whats New in Prologue v0.6 ?

### TOTALLY REBUILT EXTERIOR MODELS

Exteriors completely reworked in all areas, overall shape, details and character. Full 3d windows with sun blinds. Textures have 100% more Resolution than V0.54. Extensive 4096 x 4096 HD paint kits supplied FREE for all SEVEN VARIANTS - 318, 319, 320 & CJ!

### NEW 3D LIGHTING SYSTEM

The new dynamic "Redux style" lighting system shows the glare from each light and also illuminates the aircraft showing off the great new liveries.

### MORE LIVERIES

There are over 45 included but more will be added later and the FREE paint kits will allow you to create your own 4096 x 4096 HD textures!

## REWORKED & RETEXTURED VC

New Integral lighting, new features added, like aircraft Nose and wipers. Many parts reworked and almost everything has been retextured. All main MFD's have clickable Popup feature and low glare glass installed but still reflect the cockpit.

## FLIGHT DYNAMICS 100% NEW!

Using 100% FSX Flight dynamics (ALL Competitors still use FS9 FDE!) we have completely re written How the BLACKBOX AIRBUS will Fly, Accurate Lift and Aerofoil data is used to produce what we think is THE MOST ACCURATE Airbus available for Flight Simulator EVER!

## FLY BY WIRE

A complete "ground up" rewrite of the fly by wire systems replacing some outdated Code with highly accurate routines based on Airbus Specifications and patents. This has also required a full simulation of the control surface actuators with Actuator speeds, delays and dead zone. "fly by hand" is now much improved with Autopilot control being extremely stable in all flight regimes, hi winds, turbulence and even 8 x accelerated time!

## SYSTEM & PANEL UPGRADES

A great deal of "behind the scenes" work has been done on the Airbus systems, these mainly concern the Nav Display, Fly by wire controllers, fadec and Autopilot plus the following additions.

Rear pedestal now added with Flap and spoiler levers, also parking brake and emergency gear handle.

Spoilers now operate properly with Arming available on ground and in the Air.

Auto spoilers deploy on main wheel contact and auto retract either when aircraft comes to halt or throttles are moved from Idle. More work here in later versions to get individual spoilers linked to the correct system so failures can be implemented properly and safely!

Braking system with the Auto brakes now having 3 levels of stopping power.

These have the added functionality of Progressive braking, where the force applied gives a constant deceleration rather than a constant brake pressure, all depending on the Auto Brake Setting via the panel.

Antiskid is also properly coded and brake temperatures are simulated, so if the brakes get really hot after a heavy landing or rejected takeoff, you do risk a brake fire along with realistic effects!

#### TCAS

TA alerts are now functional for those wishing to fly online or offline. RA resolutionary advisories will be fully Prolov0.7.

#### ENHANCED ND NAV DISPLAY

This has taken most time during V0.6 development. We have re written all ND Code to correctly display the curved flight path as it should appear during the various flight regimes. Speed, Altitude and Turn rate calculations are going on all the time in the background to ensure correctly drawn "what you see is what you fly" flight path. TOC and TOD are worked out based on Aircraft weight and fuel burn relative to the climb/descent angle and performance. Correctly drawn SIDS and STARS and the interpretation of over 19 different types of AIRINC424 Waypoint and path terminators.

#### AUTOPILOT AND FCU

Another complete rewrite replacing all code with new accurate routines allowing for varied roll rates, Climb and descend in open and managed modes. Correct handling at altitude and with full FPA, VSI and Managed descent modes. ILS

interception is now vastly improved and more realistic with Localizer intercept setup from the corresponding FCOM Tables. The Autopilot update also includes many routines to tie it in with the new flight plan and navigation parameters such as DME Arcs and Arinc424 waypoint types.

## Meldung von Black Box Simulation zur Version 0.61 des Airbus Prologue

Vom 20. Januar 2013

\*\*\*\*\*



# AIRBUS X'TREME "Prologue" V0.61

**V0.61 FEATURES**

Windows XP Fault - FIXED	Flight idle/App Idle - FIXED
Asymmetric Braking - FIXED	Flare mode - FIXED
Ground Spoilers - FIXED	IAE Oil Pressure gauge - FIXED
AP Disconnections - FIXED	Decrab on Autoland - ADDED (BETA)
BA Liveries for 319/320 - NEW	Rollout mode - ADDED
Jetstar Livery 320 - ADDED	N-Number displayed on Panel - ADDED
Weight and Payloads - FIXED	SPEED Excursions - FIXED
Battery Off = Zero Power - FIXED	AP Disconnects - FIXED
FLAP Animations = FIXED	Flight Dynamics - REWORKED
Rework AProt and TogaLk - DONE	

Available NOW!  
from  
[www.blackboxsimulation.com](http://www.blackboxsimulation.com)



**BLACK  
BOX**  
SIMULATION