

# Enigma Simulations

British Aerospace BAe ATP



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## Introduction

Thank you for downloading the Enigma Simulations British Aerospace BAe ATP for Microsoft Flight Simulator 2004! We are committed to providing the flight simulator community with high-quality, freeware addons. With our ATP project, we have included 5 different ATP models representing different antenna configurations, a realistic set of flight dynamics, and several official texture sets.

The ATP is Enigma Simulations' first aircraft project, but while it may be first, we can guarantee a high-level of quality! Our team has been hard at work on it for the past few months and we are confident of the quality of our work.

Ahmed Bouhashi is the mastermind behind the Enigma ATP project. He has created a high-quality, accurate, and detailed set of models for this extraordinary and unique turboprop. Martyn Becker has engineered a fantastic flight dynamics set to match the model, based on available ATP figures. We do not know of any real-life ATP pilots, and thus they have not been tested by real ATP pilots, but we feel that Martyn has nonetheless created a realistic, fun to fly FDE. If you are a real-world pilot who would be interested in being an advisor for our FDEs, please contact us at [admin@enigmasim.com](mailto:admin@enigmasim.com) as we would be more than appreciative of the assistance!

Supporting the project are the Enigma Simulations texture artists. Working from an excellent base texture set from the ATP's modeler, Ahmed Bouhashi, the Enigma texture artists have created several realistic texture sets so that users can fly ATPs from their favorite operators.

We hope to extend the ATP project a little further in the future. Within our immediate plans, this includes the freighter version of the ATP and improvements to our model and FDE and more texture sets. Beyond that, who knows how far we may decide to take the project.

With the ATP, we are also releasing a paint kit so users of the ATP may create their own texture sets (subject to EULA restrictions and conditions).

We appreciate your support and thank you for downloading our products! We hope our ATP lives up to your expectations and we invite you to stay in touch with our other upcoming projects by visiting our site and forums at <http://www.enigmasim.com>!

British Aerospace BAe ATP Model.....Ahmed Bouhashi  
Base Textures.....Ahmed Bouhashi  
Flight Dynamics.....Martyn Becker  
Sounds.....Jordan Skok  
Textures.....The Enigma Simulations Texture Team



## Installation

After you have unzipped the downloaded file to a temporary directory, simply drag and drop the 'British Aerospace BAe ATP' folder into Microsoft Flight Simulator 2004's 'Aircraft' folder located in your root sim folder. That's it!

### \*\*\*INSTALLATION OF MULTIPLE LIVERIES INTO ONE FOLDER\*\*\*

If you would like all of the ATP textures you've downloaded included in one ATP aircraft folder, simply move all of the corresponding 'texture.XYZ' folders from other Enigma ATP installations into the same folder. You must then open up the aircraft.cfg file in the folder you wish to use and copy in all of the [fltsim.x] entries from the other aircraft.cfg files, substituting [fltsim.x] for the next number in sequence in the entries.



# Features

## Aircraft Model

- 5 different models representing different antenna configurations. (Highlighted antennas represent those included with each model).
- Accurately shaped ATP model that includes all the standard animations, accurate control surface animations, plus ATP-specific items like air intake scoops, etc.
- Base textures which include many details.
- Opening doors (Controlled through default commands Shift-E +1-4).

## Flight Dynamics

The flight dynamics use real-world data as far as is available at dedicated airliner reference websites on the internet and are as close to being accurate as we can get. While maintaining the figures, the FDE has been tuned to provide what we feel is authentic performance. Again, we are open to suggestions, especially those from real-world pilots.

The performance mirrors that of the real-world ATP. This flight model represents the ATP version that has its maximum flap setting at 29 degrees, and simulates propeller drag at lower RPM settings. The aircraft will 'creep' with the parking brake off and high idle set; this is normal for turboprops.

General Flight Guidelines At Maximum Take-Off Weight:

- Takeoff flaps 15 (2 notches)
- Some up-elevator trim
- Vr 105 kts
- Ascent VS 1500-1200 f/m
- Cruise 260kts at FL240
- Descent 1200-1500 f/m
- Landing Vref 115-120 kts at full flap

Model Configurations (Changing antennas highlighted in yellow)

-Model A



-Model B



-Model C



-Model D



-Model E



## Support Information

No major issues have come up so far during testing. However, if you encounter any problems, feel free to ask for support from our team on our forums at <http://www.enigmasim.com>! We do ask that you read through the forum rules and FAQs and perform a search for your problem in case your issue has been resolved before.

## Copyright Information

All parts of this package is property of Enigma Simulations and the individual authors.

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