

AIRCRAFT SIMULATION



Honeywell



ABOUT

Airsim is a Windows®-based ground software tool that provides simulation of Air-to-Ground and Ground-to-Air Datalink communications. Airsim simulates the in-aircraft operation of Honeywell's Datalink systems including CMU, CMF, and ATSU AOC. Airsim simulates real flight scenarios in a PC-based environment to minimize the cost, logistics, and complexity of testing AOC and AMI databases before deploying the new database to the fleet.



AIRSIM CAPABILITIES

- Enables AOC and AMI database testing in a simulated PC-based environment
- Simulates the pilot user interface on the MCDU
- Enables verification of AOC message sets between avionics and ground processing systems
- Simulates uplinks including weather, D-ATIS, Departure Clearance, and Oceanic Clearance
- Facilitates pilot training and generating pilot guides
- Simulates FANS CPDLC and ATN PM-CPDLC message processing
- Simulates VHF, HF, and Satcom radio links with Air Traffic Control and Airline Operations Center
- Enables testing of A429 interfaces to MCDU, ACMS, CMC, FMS, CMU/CMF, Cabin Terminals, and cockpit Printer

For More Information

Please visit: aerospace.honeywell.com

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AIRCRAFT PLATFORMS SUPPORTED

- Airbus: A300, A318, A319, A320, A321, A330, and A340
- Boeing: B737, B747, B757, B767, B777, B787, and MD11
- Dassault: F6X, F7X, F900, and F2000
- Embraer: E1 and E2
- Gulfstream: G450, G500, G550, G600, and G650
- Pilatus: PC12 and PC24



DATALINK PLATFORMS SUPPORTED

- CMU MKII
- CMU MKIII
- CMU MKII+
- ATSU AOC
- EPIC CMF
- 777 AIMS
- 787 CMF



FUTURE FOCUS

- 777X CMF support
- Revamped workflow and user interface
- Optional Airsim use through a web-based application
- Embedded diagnostics and enhanced technical support



SUPPORT AND AVAILABILITY

Honeywell provides a dedicated team of engineering experts to collaborate directly with Honeywell customers and tailor Honeywell Datalink product capabilities to each specific customer's needs. For AOC/AMI database support please contact DatalinkServices@Honeywell.com.

For additional information about Airsim capabilities, availability, and ordering please contact your Honeywell Sales Manager or AeroGSE@Honeywell.com.

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell