

**FLORIDA COMMISSION ON HURRICANE
LOSS PROJECTION METHODOLOGY**

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Vacant
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Florida Department of Financial Services

June 3, 2015

Ms. Brandie Andrews
AIR Worldwide Corporation
131 Dartmouth Street
Boston, MA 02116-7603

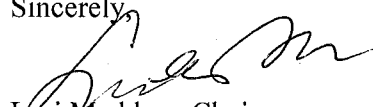
Dear Ms. Andrews:

This will confirm the finding of the Florida Commission on Hurricane Loss Projection Methodology on June 3, 2015, that the AIR Worldwide Corporation computer model has been determined acceptable for projecting hurricane loss costs and probable maximum loss levels for residential rate filings. The determination of acceptability expires on November 1, 2017.

The Commission has determined that the North Atlantic Tropical Cyclone Model Version 15.0.1 as implemented in Touchstone[®] Version 3.0.0 limited to the options selected in the input form provided in Standard A-1 (Modeling Input Data) Disclosure 5 complies with the standards adopted by the Commission on September 24 & 25, 2013, and concludes that the North Atlantic Tropical Cyclone Model Version 15.0.1 as implemented in Touchstone[®] Version 3.0.0 limited to the Florida hurricane model options selected (Standard A-1 (Modeling Input Data) Disclosure 5) is sufficiently accurate and reliable for projecting hurricane loss costs and probable maximum loss levels for residential property in Florida.

On behalf of the Commission, I congratulate you and your colleagues. We appreciate your participation and input in this process.

Sincerely,


Lori Medders, Chair

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October 14, 2015

Ms. Brandie Andrews
AIR Worldwide Corporation
131 Dartmouth Street, 4th Floor
Boston, MA 02116-5134

Dear Ms. Andrews:

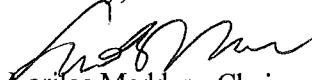
On October 6, 2015, AIR requested the Florida Commission on Hurricane Loss Projection Methodology consider the updated software version Touchstone 3.1.0 containing the AIR Atlantic Tropical Cyclone Model v15.0.1 acceptable under the 2013 Standards.

In accordance with the procedures for *Interim Software Updates after a Model has been Determined to be Acceptable by the Commission* in the 2013 Report of Activities, as Chair, I have reviewed and assessed, with input from three Professional Team members, the regression test results provided for Form A-1 (Zero Deductible Personal Residential Loss Costs by ZIP Code), Form A-4B (Output Ranges, 2012 FHCF Exposure Data), Form A-8 (Probable Maximum Loss for Florida), and Form S-5B (Average Annual Statewide Loss Costs – Historical versus Modeled, 2012 FHCF Exposure Data) and have confirmed there were no changes to the modeled losses.

This will confirm that the AIR Worldwide Corporation computer model, Atlantic Tropical Cyclone Model v15.0.1 as implemented in Touchstone 3.1.0 is acceptable under the 2013 Standards and functionally equivalent to the current acceptable model Atlantic Tropical Cyclone Model v15.0.1 as implemented in Touchstone 3.0.0 and is acceptable for projecting hurricane loss costs and probable maximum loss levels for residential rate filings in Florida.

The determination of acceptability expires on November 1, 2017.

Sincerely,


Lorilee Medders, Chair

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July 26, 2016

Ms. Brandie Andrews
AIR Worldwide Corporation
131 Dartmouth Street, 4th Floor
Boston, MA 02116-5134

Dear Ms. Andrews:


On July 7, 2016, AIR requested the Florida Commission on Hurricane Loss Projection Methodology consider the updated software version Touchstone 4.0.0 containing the updated AIR Atlantic Tropical Cyclone Model version 15.0.2 acceptable under the 2013 Standards.

In accordance with the procedures for *Interim Model Updates after a Model has been Determined to be Acceptable by the Commission* in the 2015 Report of Activities, as Chair, I have reviewed and assessed, with input from three Professional Team members, the regression test results provided for Form A-1 (Zero Deductible Personal Residential Loss Costs by ZIP Code), Form A-4B (Output Ranges, 2012 FHCF Exposure Data), Form A-8 (Probable Maximum Loss for Florida), and Form S-5B (Average Annual Statewide Loss Costs – Historical versus Modeled, 2012 FHCF Exposure Data) and have confirmed there were no changes to the underlying acceptable model or in the modeled loss costs and probable maximum loss levels.

This will confirm that the AIR Worldwide Corporation computer model, Atlantic Tropical Cyclone Model Version 15.0.2 as Implemented in Touchstone Version 4.0.0 is acceptable under the 2013 Standards and is considered equivalent to the current acceptable model Atlantic Tropical Cyclone Model Version 15.0.1 as Implemented in Touchstone Version 3.0.0 and is acceptable for projecting hurricane loss costs and probable maximum loss levels for residential rate filings in Florida.

The determination of acceptability expires on November 1, 2017.

Sincerely,



Lorilee Medders, Chair

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December 21, 2016

Ms. Brandie Andrews
AIR Worldwide Corporation
131 Dartmouth Street, 4th Floor
Boston, MA 02116-5134

Dear Ms. Andrews:


On November 21, 2016, AIR requested the Florida Commission on Hurricane Loss Projection Methodology consider the software update to Touchstone Version 4.2.0 containing the AIR Atlantic Tropical Cyclone Model version 15.0.2 acceptable under the 2013 Standards.

In accordance with the procedures for *Interim Model Updates after a Model has been Determined to be Acceptable by the Commission* in the 2015 Report of Activities, as Chair, I have reviewed and assessed, with input from three Professional Team members, the regression test results provided for Form A-1 (Zero Deductible Personal Residential Loss Costs by ZIP Code), Form A-4B (Output Ranges, 2012 FHCF Exposure Data), Form A-8 (Probable Maximum Loss for Florida), and Form S-5B (Average Annual Statewide Loss Costs – Historical versus Modeled, 2012 FHCF Exposure Data) and have confirmed there were no changes to the underlying acceptable model or in the modeled loss costs and probable maximum loss levels.

This will confirm that the AIR Worldwide Corporation computer model, Atlantic Tropical Cyclone Model Version 15.0.2 as Implemented in Touchstone Version 4.2.0 is acceptable under the 2013 Standards and is considered equivalent to the current acceptable model Atlantic Tropical Cyclone Model Version 15.0.1 as Implemented in Touchstone Version 3.0.0 and is acceptable for projecting hurricane loss costs and probable maximum loss levels for residential rate filings in Florida.

The determination of acceptability expires on November 1, 2017.

Sincerely,



Lorilee Medders, Chair

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January 26, 2017

Ms. Brandie Andrews
AIR Worldwide Corporation
131 Dartmouth Street
Boston, MA 02116-7603

Dear Ms. Andrews:

On January 19, 2017, AIR notified the Florida Commission on Hurricane Loss Projection Methodology (Commission) of an issue discovered in the AIR Atlantic Tropical Cyclone Model V15.0.1 implemented in Touchstone V3.0.0. and identified the issue as a Type I difference.

As Chair, I have reviewed and assessed, with input from the Professional Team, the submitted Forms A-1 (Zero Deductible Personal Residential Loss Costs by ZIP Code), A-4B (Output Ranges, 2012 FHCF Exposure Data), A-8 (Probable Maximum Loss for Florida), and S-5 (Average Annual Zero Deductible Statewide Loss Costs – Historical versus Modeled), and the addendum to the previous May 2015 submission. The documentation and explanations provided are sufficient, and a change in the model version identification is not required.

This will confirm that the AIR Atlantic Tropical Cyclone Model V15.0.1 implemented in Touchstone V3.0.0 remains acceptable under the 2013 Standards. The determination of acceptability expires on November 1, 2017.

Sincerely,



Lorilee Medders, Chair