## FLORIDA COMMISSION ON HURRICANE LOSS PROJECTION METHODOLOGY

Post Office Box 13300 Tallahassee, Florida 32317-3300 1801 Hermitage Boulevard, Suite 100 Tallahassee, Florida 32308 (850) 413-1349 www.sbafla.com/methodology

Timothy Barnett, FCAS, CPCU, ARe Actuary, Property and Casualty Industry

Patricia Born, Ph.D. Insurance Finance Expert, Florida State University

Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Barry Gilway President/CEO & Executive Director, Citizens Property Insurance Corporation

Kevin Guthrie Director, Florida Division of Emergency Management

June 15, 2021

Mr. Brendan Flaherty AIR Worldwide Corporation Lafayette City Center, 2 Avenue de Lafayette Boston, Massachusetts 02111

Dear Mr. Flaherty,

This will confirm the finding of the Florida Commission on Hurricane Loss Projection Methodology on June 9, 2021, that the AIR Worldwide Corporation model has been determined acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings. The determination of acceptability expires on November 1, 2023.

The Commission has determined that the AIR Hurricane Model for the United States Version 1.0.0 as implemented in Touchstone<sup>®</sup> 2020 (*primary platform*), limited to the options selected in the input form and reported in the output form provided in Standard A-1, Hurricane Modeling Input Data and Output Reports, Disclosures 4 and 5:

- (1) complies with the hurricane standards adopted by the Commission on October 29, 2019, and
- (2) 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,

Floyd Yager, Chair

Floyd Yager, FCAS, Chair Actuary, Florida Hurricane Catastrophe Fund Advisory Council

> Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert, Florida State University

Jainendra Navlakha, Ph.D. Computer Systems Design Expert, Florida International University

Kayne Smith, Ph.D., FCAS Actuary, Florida Office of Insurance Regulation

> Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

Gina Wilson, ARe, CPA, CPM, CPCU Chief Operating Officer, Florida Hurricane Catastrophe Fund

Vacant Licensed Professional Structural Engineer

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Kevin Guthrie Director, Florida Division of Emergency Management

July 7, 2021

Mr. Brendan Flaherty AIR Worldwide Corporation Lafayette City Center, 2 Avenue de Lafayette Boston, Massachusetts 02111

Dear Mr. Flaherty,

Floyd Yager, FCAS, Chair Actuary, Florida Hurricane Catastrophe Fund Advisory Council

> Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert, Florida State University

Jainendra Navlakha, Ph.D. Computer Systems Design Expert, Florida International University

Kayne Smith, Ph.D., FCAS Actuary, Florida Office of Insurance Regulation

> Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

Gina Wilson, ARe, CPA, CPM, CPCU Chief Operating Officer, Florida Hurricane Catastrophe Fund

Vacant Licensed Professional Structural Engineer

On June 22, 2021, AIR requested the Florida Commission on Hurricane Loss Projection Methodology consider the software update, Touchstone 2021 containing the AIR Hurricane Model for the United States Version 1.0.0, functionally equivalent to the AIR Hurricane Model for the United States Version 1.0.0 as implemented in Touchstone 2020 and acceptable under the 2019 Hurricane Standards.

In accordance with the procedures for Interim Model Updates after a Model has been Determined to be Acceptable by the Commission in the 2019 Hurricane Standards Report of Activities, as Chair, I have reviewed and assessed, with input from a subset of the Professional Team, the regression test results submitted and have confirmed that the interim software update does not produce significant differences in hurricane loss costs and hurricane probable maximum loss levels from the currently-accepted AIR Hurricane Model for the United States Version 1.0.0 as implemented in Touchstone 2020.

This will confirm that the AIR Hurricane Model for the United States Version 1.0.0 as implemented in Touchstone 2021 is functionally equivalent to the currently-accepted AIR Hurricane Model for the United States Version 1.0.0 as implemented in Touchstone 2020 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2023.

Sincerely,

Floyd Yager, Chair

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Barry Gilway President/CEO & Executive Director, Citizens Property Insurance Corporation

Kevin Guthrie Director, Florida Division of Emergency Management

July 13, 2022

Julia Borman AIR Worldwide Corporation Lafayette City Center, 2 Avenue de Lafayette Boston, Massachusetts 02111

Dear Ms. Borman,

On July 11, 2022, AIR requested the Florida Commission on Hurricane Loss Projection Methodology consider the platform update, Touchstone 2022 containing the AIR Hurricane Model for the United States Version 1.0.0, acceptable under the 2019 Hurricane Standards.

In accordance with the procedures for Interim Catastrophe Model or Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Model or Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the currently accepted Florida hurricane model.

This letter confirms that the AIR Hurricane Model for the United States Version 1.0.0 as implemented in Touchstone 2022 is functionally equivalent to the AIR Hurricane Model for the United States Version 1.0.0 as implemented in Touchstone 2020 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2023.

Sincerely,

Floyd Yager, Chair

Floyd Yager, FCAS, Chair Actuary, Florida Hurricane Catastrophe Fund Advisory Council

> Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert, Florida State University

Jainendra Navlakha, Ph.D. Computer Systems Design Expert, Florida International University

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> Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

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