



## PRESS RELEASE

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### **Hapag-Lloyd Flug GmbH evaluates the Zonal Drying<sup>TM</sup> System from CTT System for their fleet of B737-800 aircraft.**

Hapag-Lloyd and CTT Systems have agreed to perform an In-Service evaluation of the Zonal Drying<sup>TM</sup> System in one B737-800 aircraft. After completed evaluation Hapag-Lloyd will have the option to also install the Zonal Drying<sup>TM</sup> System in their remaining fleet of twenty-four (24) B737-800 aircraft. Installation of the trial system is planned for January 2001.

Hapag-Lloyd, one of the leading German charter operators, is a member of the Preussag Group.

“We are happy to include Hapag-Lloyd in our growing base of prestigious airline customers. Airlines specialised in charter tours are often being exposed to problems related to condensation. Hence we welcome Hapag-Lloyd’s decision to combat these problems once and for all.”, comments CTT Systems AB President Mr. Torbjörn Johansson the order.

- “Hapag-Lloyd considers the Zonal Drying System as an important contribution to fuel saving. Additional aims are dehumidification in order to protect the aircraft and increased humidity within the cabin in order to improve passenger comfort,” comments Ulrich Fiedler, Head of Engineering, the order.

The CTT Zonal Drying<sup>TM</sup> System is designed to combat problems related to water condensation in the thermal and acoustic insulation of modern passenger aircraft. Airlines encountering “rain-in-the-plane” syndrome and other difficulties related to moisture accumulation in their insulation blankets can use the Zonal Drying<sup>TM</sup> System to mitigate these problems, reduce maintenance costs by increasing the service life of the insulation and realize significant fuel savings by eliminating the non-revenue weight of the accumulated water condensate. By keeping dry the area between the interior trim panels and the aircraft skin, the Zonal Drying<sup>TM</sup> System also reduces corrosion and the risk of failure of electronic systems and wiring.

With the Zonal Comfort<sup>TM</sup> System, which is based upon the evaporative cooling technique, CTT System is now able to provide the industry with a complete moisture management system. The system is offering an increased humidity for passengers and crew, in particular on long haul flights, at the same time as condensation is prevented with the Zonal Drying<sup>TM</sup> System.

To date, CTT have the following customers for their Zonal Drying <sup>TM</sup> system:

- **Martinair** for B767-300 and MD11
- **Jet Aviation** for Executive aircraft's B767-200, B757-200 and Boeing Business Jet
- **KLM Royal Dutch Airlines** for MD11 and B767
- **Austrian Airlines** for MD80
- **LTU** for Airbus A330
- **Raytheon Systems Company** regarding NASA/DLR SOFIA-project (Stratospheric Observatory For Infrared Astronomy)
- **Swissair** for MD11
- **SAS** regarding Moisture Management System for Boeing B767
- **Leading European operator** for Canadair Regional Jet – CRJ (undisclosed operator)
- **STERLING EUROPEAN AIRLINES** for Boeing B737-800 (Next Generation)
- **Lufthansa Technik** regarding Zonal Comfort <sup>TM</sup> System for Boeing Business Jet

CTT Systems AB is located in Nyköping, Sweden and listed on the OM Stockholm Exchange AB O-list in Stockholm.

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