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CUSTOMER REFERENCE

Dear Madams and Sirs,

since 2003 IMA GmbH Dresden is to a great extend involved in the full-scale fatigue testing of the Airbus A340-600 and the Airbus A380. The A380 full scale fatigue test uses a 182 channel control system, all channels are running in force control mode.

Within these tests we closely accompanied the development and implementation of the control engineering technology and the model- and simulation-based optimization of the corresponding control systems. As a result we ascertain a significant improvement of the test speed and the tracking accuracy. And the setup times of tests were reduced substantially.

Due to our substantiated knowledge, the know-how of these developments is fully incorporated in the innovative control systems by Controllersolution GmbH.

By numerous practical demonstrations, the experts and test engineers of the IMA GmbH Dresden got convinced that the innovative control systems by Controllersolution GmbH capture the leading position in the world wide market for conducting static / fatigue testing of large-scale mechanical structures.

The cost/performance ratio of the offered control systems is in comparison to the other suppliers on the market significantly improved, making purchase decisions in favour of Controllersolution's control systems easy.

In October 2009, the IMA GmbH Dresden as renowned scientific-technical service provider in Germany is going to install a 60 channel control system for test rig automation and herewith further approve the high qualification of Controllersolution's control systems for large-scale structural tests and for multi-project test applications.

Yours sincerely



Gunter Paul
Head of Division Technical Equipment

Hausadresse

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Deutsche Kreditbank AG | Filiale Dresden
Kto. Nr. 1 250 034 | BLZ 120 300 00
HypoVereinsbank
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