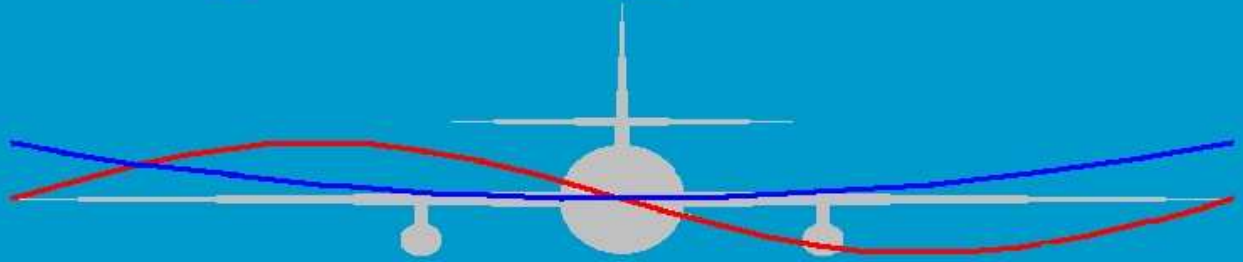


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## GVT TEST ON AIRBUS A 380

Newsletter # 5

&

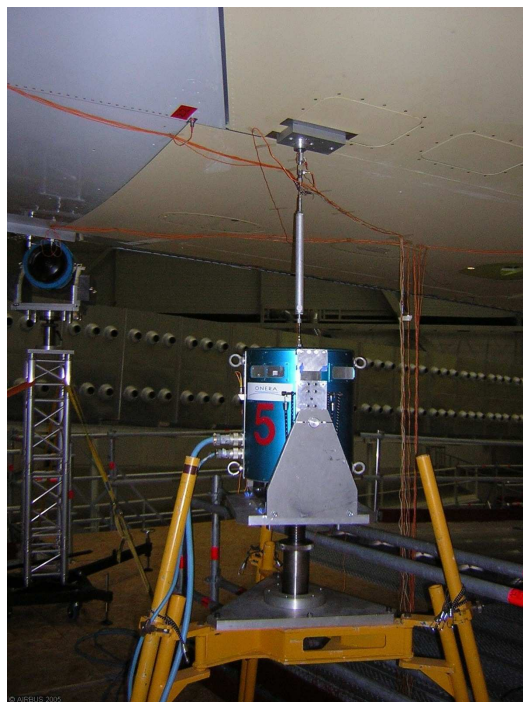
Best resolution: 1024 x 768

# Special Issue

## AEROSPACE TESTING EXPO 2005 - Hamburg

March 2005

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A380 GVT performed by the ONERA-DLR joint team (project leader ONERA)

The Airbus A 380, the largest and most modern aircraft worldwide has undergone Ground Vibration Tests (GVT) which were performed in close co-operation by the French Onera and the German DLR teams.

PRODERA is proud of having participated again in the AIRBUS programme with its specially developed long-stroke shakers for precise modal analysis.

The shaker of type EX 520 C50 has shown to be perfectly adapted to the tasks imposed by ONERA. The data sheet is available for download from our Web site [www.prodera.com](http://www.prodera.com) or can be sent upon request as a pdf file.



For the **third** time, **PRODERA**, specialised in **modal analysis equipment for Ground Vibration Tests (GVT) and In-Flight Tests**, participates in this 1st and only dedicated international trade show for the aerospace testing evaluation and inspection sectors. The latest version

# PRODERA

Booth 2U/C60

of **P-SYS-MODAL** multipoint excitation and analysis system and **P-WIN-MODAL** software will be demonstrated together with some **new released products.....**

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## OPEN TECHNOLOGY FORUM

Thursday 7 April 2005

14.00 - 14.20

Subject: Excitation devices in Modal Analysis: why are they so important?

Presented by:

- M. Klaas DIJKSTRA
- M. Bruno MARTINEZ VAZQUEZ

**LOOKING FORWARD TO MEETING YOU ON OUR BOOTH No 2U/C60!**

## OUR ACTIVITY

### GVT

- Range of modal shakers and amplifiers, modal accelerometers and conditioning amplifiers
- Multipoint excitation and acquisition system P-SYS-MODAL
- Latest version of P-WIN-MODAL software
- Database management software
- Software solutions for FEM comparison
- Suspension systems
- NIST traceable shaker calibration systems
- Modal software calibration device
- Strucsim-3-D

### IN-FLIGHT

- P-FLIGHT-MODAL Flutter Prediction Software in the sub, super and transonic ranges
- PCM telemetry equipment
- Video compression systems
- P-FLUTTER-MONITORING Flutter monitoring software
- In-flight excitation equipment:
- Pyrotechnical thrusters
- Inertia shakers

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