



KAYSER-THREDE

Ein Unternehmen der OHB Technology AG



Press Release

Kayser-Threde Satellite in the Test House:

IABG Performing Environmental Qualification for TET-1

Ottobrunn / Munich, 15 Sep. 2010. On behalf of Kayser-Threde, IABG currently carries out qualification tests on the small satellite TET-1 in its space centre in Ottobrunn. Kayser-Threde was selected by DLR (German Aerospace Centre) as main contractor and system prime for the technology experiment carrier TET-1 and is also responsible for the launch of the satellite. The intensive qualification program includes vibration, acoustic and shock testing, tests of electromagnetic compatibility, thermal and vacuum testing as well as the determination of mass properties.

On occasion of the commencement of tests IABG, together with its customer Kayser-Threde, invited press representatives to take a close look at the satellite on September 15. The testing campaign is scheduled to be completed at the end of September.

The technology test platform TET-1 is a German small satellite for the on-orbit verification (OOV) of technology experiments. The satellite, destined for a low earth orbit, accommodates eleven technology experiments. TET-1 has a total mass of 120 kg; the payload amounting to 50 kg. The OOV program of the DLR aims at closing the gap between a ground-tested product and the verification of its flight pattern in space.

After completion of the testing campaign and concluding operations in Kayser-Threde's integration hall the satellite will be prepared for transport to the Russian cosmodrome Baikonur. The satellite's launch with a Soyuz launch rocket is scheduled for the beginning of 2011.



Detailed information on the TET-1 satellite and pictures are available at:
www.kayser-threde.com/tet



KAYSER-THREDE

Ein Unternehmen der OHB Technology AG



Press Release

The project partners of Kayser-Threde GmbH are Astro- und Feinwerktechnik Adlershof GmbH, DLR-GSOC and Lavoshkin Association. TET-1 was realized with BMWi funds (Federal Ministry of Economics and Technology - contract number 50 RV 0801).



TET-1 in the clean room at Kayser-Threde

About IABG

IABG is a leading European technology enterprise. Our main focus lies on trend-setting high technology and science applications. We plan, implement and operate. With more than 1,000 experienced and committed employees we offer our customers solutions for the sectors Automotive, InfoCom, Transport, Environment & Energy, Aeronautics, Space as well as Defence & Security.

About Kayser-Threde GmbH

Kayser-Threde is a major systems supplier specialised in the development and implementation of high-tech solutions for the sectors space, science and industry. The extensive product portfolio comprises system solutions for manned and unmanned space missions, optical systems and process control engineering. In addition to the technology experiment carrier TET-1, the company currently realises another national satellite: EnMAP, an optical hyperspectral satellite for the further investigation of our environment.

IABG mbH

Einsteinstraße 20
85521 Ottobrunn

Your contact:
Monika Amler
Head of corporate
communications

Phone +49 89 6088-2030
Mobile +49 171 7359565
Fax +49 89 6088-4000
amlr@iabg.de
www.iabg.de

Kayser-Threde GmbH

Perchtinger Str. 5
81379 Munich

Your contact:
Julia Riedl
Corporate communication
Phone +49 89 72495 249
Fax +49 89 72495 333
www.kayser-threde.com