



Perspectives

Technical Training

Issue 08-1

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Editorial

Dear reader,

Welcome to the first e-newsletter from SR Technics Technical Training! Have you ever been in a classroom listening to an instructor, and found yourself thinking how useful it would be to have the aircraft at hand to illustrate that cockpit panel or that APU box valve? Our instructors have certainly felt this many times. And that's why SR Technics has now invested in Active Competence Training (ACT), a new system that enables students to "visit" the aircraft in the classroom.

ACT allows parts and locations to be shown in detail and the system explained on its interactive diagrams and schematics. With these new facilities, even parts of our practical training – and cockpit training in particular – can be completed in the classroom. There's a further advantage, too: this "virtual aircraft" is available at all times. You'll find out more about our new ACT facility inside the newsletter.

We hope you enjoy our newsletter. We'd be very interested to know what you think of it, too. And we look forward to continuing to provide you with regular updates on what's happening within Technical Training at SR Technics through our new communication channel.

With best regards,

Markus Buergin

Head of Technical Training, SR Technics



An ACT classroom



The ACT student screens

Technical Training at SR Technics in brief

- Over 40 years extensive technical training experience.
- A team of more than 50 highly qualified instructors and examiners, trainers and assessors with first-hand experience.
- Four training centres in Europe (Dublin, Geneva, London Stansted and Zurich), and classes also conducted at customer locations.
- State-of-the-art facilities with blended learning (classroom training combined with computer- and web-based training).
- Access to Airbus and Boeing full-flight simulators.
- Tailored courses in accordance with EASA Part 66 within a Part 147 environment.
- Practical training on the aircraft with parts location, troubleshooting exercises and MEL procedures.

Bringing the aircraft into the classroom

Training means practising something over and over again until it's free of any error or uncertainty. But what if that training requires a whole aircraft? We can't just have the plane sitting around to be practised on.

In the past, all artificial training devices were essentially developed to assist the pilots. However, it is vital to support maintenance technicians with such devices as well and based on this rationale Airbus developed its Active Competence Training (ACT).

The ACT system centres on two screens which show the various parts and the system of an aircraft. The instructor works with two beamers to explain the overall system and all the relevant interfaces. Every student workplace is also equipped with two screens: one showing the cockpit with all its systems and the other screen showing the aircraft. There's also a separate laptop providing access to aircraft maintenance manuals and additional information.

The main difference between the new ACT system and the usual aircraft simulators is that any action can be observed on the second screen, so that students see and understand immediately how their actions influence the aircraft systems. The new approach will obviously not replace completely the usual practical type training; but it will be an essential part of the practical training on the aircraft.

ACT, used in combination with practical training, will improve learning efficiency and the quality of the training achieved, and should thus also enhance working environment safety. As a pleasant side-effect, ACT also relieves the aircraft of excessive cockpit use through practical training activities. This in turn reduces wear and tear and the resulting costs. So all in all, ACT is a powerful and cost-effective training tool that offers a real "win-win" situation for everyone involved.

ACT is used by Airbus and SR Technics, a training network partner. If you'd like to book a class or seats, please contact us: technical.training@srtechnics.com

Visit us

Here's a list of the shows and conventions that SR Technics will be attending in the next few months.

Please feel free to visit our stand to discuss your training needs.

- MRO Europe Conference & Exhibition Madrid (Spain)
September 23–25, 2008

You'll find us on Stand 328
in Pavilion 5.

- IATP Conference Luxembourg
October 11–15, 2008

- MRO Asia Singapore
October 14–16, 2008

You'll find us on Stand L13
in Hall 401 / Level 4.

How to contact us

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You can also visit directly our
technical training website.

Upcoming training courses

Basic training (EASA Part-66)

Cat B1 Modules 6/7/9/10/17	Aug 28 – Oct 1, 2008	ZRH
Cat B1 Series	Sep 16 – Nov 21, 2008	ZRH
Cat B2 Series	Oct 24 – Dec 15, 2008	ZRH
Module 1–4	Nov 17 – Dec 12, 2008	ZRH
Module 12	Sep 9 – Sep 26, 2008	OBF
Cat B1 Series (web-based)	starting in Q3/2008	

For more courses and details on the basis training please see our online course schedule:
www.srtechnics.com/datas/docs/Course_Schedule_Basic.pdf

Type training (Airbus and Boeing)

Airbus A320 Family (CFM / V2500) B1	Sep 2 – Nov 6, 2008	ZRH
Airbus A320 Family (CFM / V2500) B1	Oct 6 – Nov 21, 2008	STN
Airbus A320 Family (CFM / V2500) B2	Oct 13 – Nov 18, 2008	STN
V2500 (A320) B1 / B2	Sep 15 – Sep 19, 2008	STN
V2500 (A320) B1 / B2	Nov 3 – Nov 6, 2008	ZRH
Airbus A330/340 B1/B2	Start Nov 3, 2008	Shanghai/China
Airbus A330 B2	Oct 13 – Nov 28, 2008	ZRH
Airbus A330 B1	Oct 14 – Dec 12, 2008	ZRH
Boeing 737 NG B1	Sep 1 – Oct 8, 2008	DUB
Boeing 737 CL vs. NG B2	Sep 22 – Oct 10, 2008	STN
Boeing 737 NG vs. CL B1	Oct 6 – Oct 28, 2008	STN
Boeing 737 NG vs. CL B2	Oct 27 – Nov 14, 2008	STN

For more courses and details on the type training please see our online course schedule:
www.srtechnics.com/datas/docs/Course_Schedule_Type.pdf

Special training

Human Factors 145: various courses available in Zurich and Dublin

Fuel Tank Safety Training (SFAR88)

Engine Run-up Training on Airbus available in Zurich