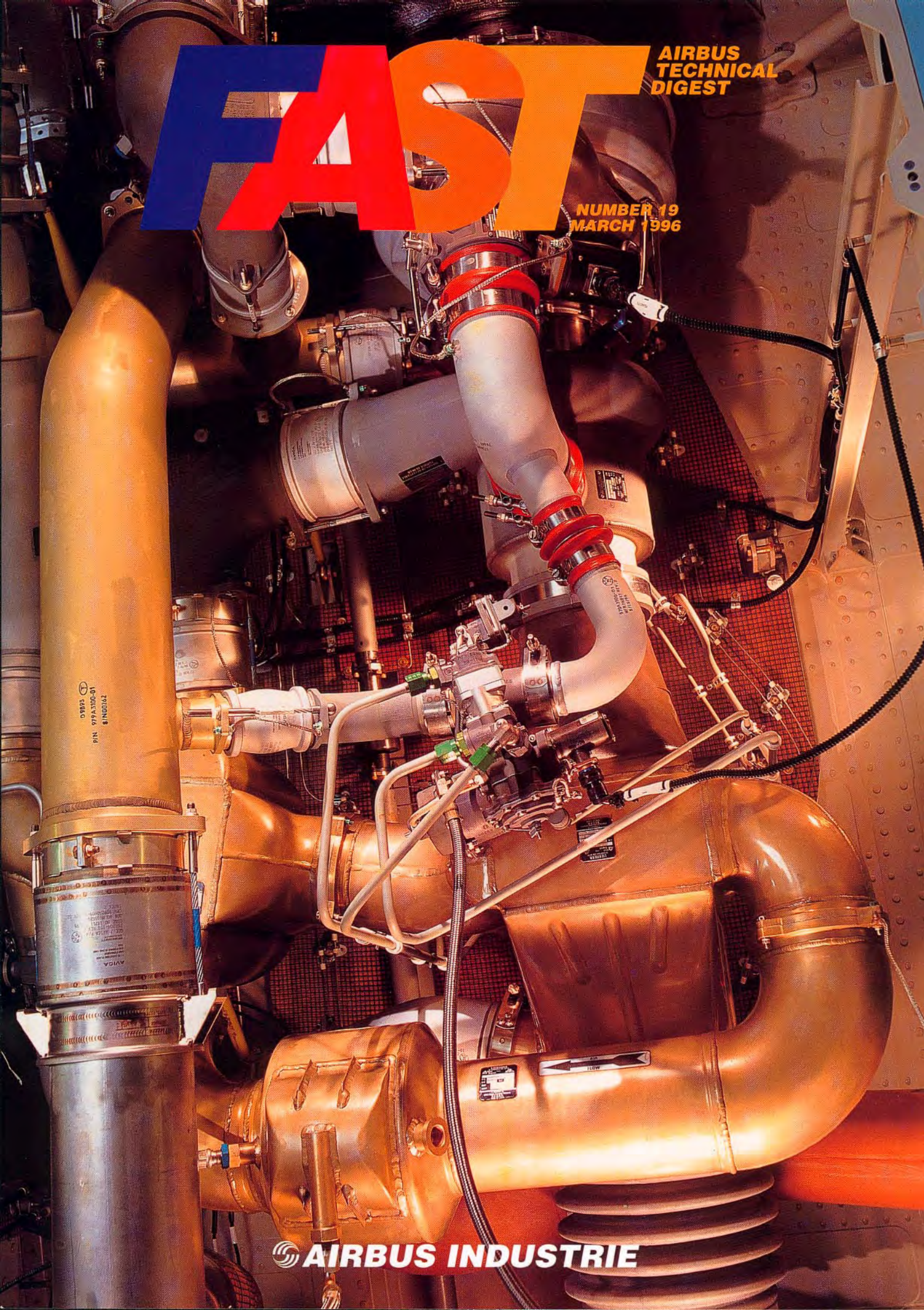

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Cover photo - Air conditioning pack on A330/A340

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State-of-the-art Training for State-of-the-art Technology

With the new generation of Airbus Industrie aircraft, A319/A320/A321, A330/A340, computer-based technology has changed the passenger cabin of these aircraft. This has resulted in many benefits for passengers and crew alike.

Lufthansa Cabin Crew Training copes with the "Digital Challenge"

by Ruth Maute
Section Manager
Service and Emergency Training
Flight Crews
Lufthansa

The Cabin Intercommunication Data System (CIDS) and the Cabin Management Terminal (CMT) are primary examples. Although relieved of some of the more mundane cabin tasks, Cabin Attendants require a most extensive and thorough training to be familiar with these new features. This guarantees the highest comfort possible for passengers. As launching customer of the A340 in 1992, Lufthansa quickly realized the need for training components detached from the aircraft and tailored to the needs of the crew. Together with Daimer-Benz Aerospace Airbus and Matsushita, Lufthansa designed and constructed simulators for both CIDS and CMT, underlining our philosophy that "learning by doing" is the best training method.

THE CABIN INTERCOMMUNICATION DATA SYSTEM

The CIDS cabin crew trainer represents a part of the aircraft cabin, complete with passenger seats, in-seat videos, sidewall linings and hat racks. There is also an instructor panel equipped with a portable computer from which the instructor can simulate the complete range of signals, indications and system messages which can occur on board. These include:

- passenger address
- cabin interphone
- flight crew interphone
- emergency evacuation signalling
- passenger lighting signs and passenger call
- cabin signalling of lavatory smoke detection
- control of passenger service, system control of cabin illumination
- door status indication
- slide armed/disarmed status
- control of reading lights
- door and escape slide bottle pressure monitoring
- signalling of water ice protection
- signalling of potable water indication and preselection
- waste indication
- temperature indication and control in a defined range.

The CIDS cabin crew trainer is a unique tool, which, aside from being cost-effective and readily available, allows for practical training and for simulation of system failures.

After training on the CIDS cabin crew trainer, our Cabin Attendants are able:

- to use efficiently the Forward Attendant Panel which monitors the cabin systems
- to interpret the messages of the CIDS
- to perform failure analysis for almost all instances
- to describe effectively system failures in the Cabin Log Book, thus supporting maintenance personnel
- to use optimally CIDS functions, guaranteeing top passenger service.