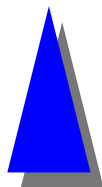
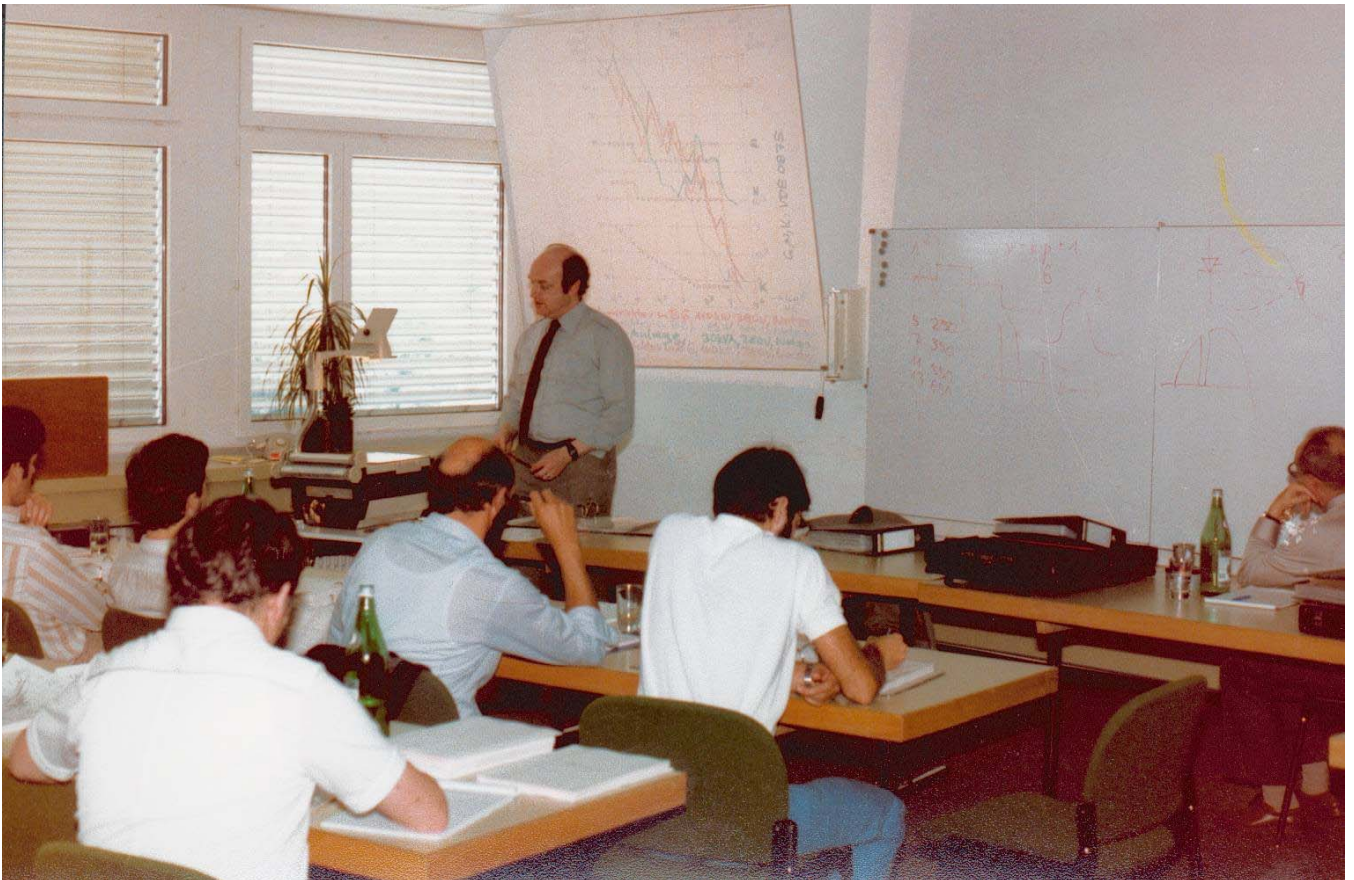


**ELECTROMAGNETIC COMPATIBILITY CONSULTING & TESTING,
CALIBRATIONS, CERTIFICATIONS, COMPONENTS, SEMINARS**

High Intensity Radiated Field Effects in Aircraft

Public HIRF Seminar in English Language

2012-10-23 to 2012-10-24



SEMINAR PROGRAM

11.02.01E1

HIRF/ HERF – High Intensity/ High Energy Radiated Fields Electromagnetic Effects (EME) in aircraft

Two Days Seminar

Seminar venue

The seminar takes place in the EMCC Seminar Centre in Unterleinleiter. It is located at the EMCC Test Labs site, which among others provide aircraft EMC services. The broad area of activities can be viewed on www.EMCC.de.

The EMCC aircraft group with the associated labs are an ideal environment for the seminar. The vast experience in aircraft measurements, system and equipment testing is combined with the latest high end test infrastructure. This site is also location of design and manufacture of HIRF generators, NEMP generators and direct as well as indirect lightning generators. These meet and exceed maximum levels of current standards and specifications.

The combination of experience and infrastructure enables an experimental portion which includes demonstrations and seeing test setups. Visits and experiments are conducted in small groups. Various kind of sites are part of the course, among them are anechoic chamber, open area test site (OATS), GTEM cell, TEM cell, reverberation chamber as well as lightning test setups. Examples are provided. Discussion and questions will be part of the seminar. Seminar notes in English language are included in the fee as well as lunch snack and coffee breaks.

Contents

- Physical Phenomena
- Certification regulation and standards
- Associated Test Methods and procedures
- Aircraft, system and avionics design rules to reach HIRF compliance
- Visit of EMC labs

Who should attend?

- EMC technicians and engineers
- Equipment designers
- System designers and integrators
- EMC test staff
- EMC project managers
- Certification staff

Lecturers

Dr. Guido Rasek, Head of EMCC “Aircraft EMC & EMP Technologies Group” and staff engineers

SEMINAR PROGRAM

11.02.01E2

HIRF/ HERF – High Intensity/ High Energy Radiated Fields Electromagnetic Effects (EME) in aircraft

Two Days Seminar

Day 1: HIRF/ HERF Approach to Compliance

Physical Phenomena
Certification regulations and standards
Associated Test Methods and procedures for aircraft, systems and equipment
Test setups
Test and certification planning
Real world issues
Questions and answers
Visit of EMC labs

Day 2: Design rules to meet HIRF/ HERF requirements

Installation
Layout
Zoning Concepts
Shielding and Filtering
Protection devices
Questions and answers

99.00.02E

To
EMCC DR. RAŠEK
Seminar Center
Stoernhofer Berg 15
91364 Unterleinleiter
Germany

Proj. #

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F: +49 9194 72279-06

Purchase order #

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Date

REGISTRATION FORM

for the **Two Days Seminar # 11.02.01E** from **2012-10-23** to **2012-10-24**
Topic: **HIRF/HERF – Electromagnetic Effects in Aircraft** in English language

Seminar venue: EMCC DR. RAŠEK Seminar Center, in 91364 Unterleinleiter, Stoernhofer Berg 15, Door #1, Germany, T.: +49 9194 72279-01, F: +49 9194 72279-06, E: emc.sem@emcc.de.

Company: _____
Contact: _____
Address: _____
Postcode/Town/City: _____
Telephone: _____ Telefax: _____ Mail: _____

Name of participants (for more participants please use separate sheet): Position:

1. _____
2. _____
3. _____
4. _____

Hotel accommodation required: yes no, from _____ to _____, for _____ persons
for _____ nights.

Seminar fees: EUR 1,880.00 per participant, VAT additionally if applicable.

The EMCC general conditions will be accepted with the booking. Seminar fees are due to receipt of invoice or 14 days before seminar start, latest.

(Place, date)

(Authorized Signature)

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The costs for all documentation and seminar papers are included in the seminar fee.

The seminar fee is subject to VAT if venue is in Europe.

HOTEL ACCOMODATION

Hotel accommodation is not included in the seminar fee.

If you want us to book your accommodation, please give us a note and we will take care of your accommodation requirements.

Our Guest House HOTEL HAUS-FRANKEN is part of the EMCC Seminar Centre Building.

HOW TO FIND US

You will receive a confirmation of booking including location details, also please see www.emcc.de.

CANCELLATIONS

No penalty will be considered for cancellations received not later than 14 days prior to the event. Cancellations within 14 to 3 working days before the start of the seminar will be liable for 50 % of the seminar fee. After this date cancellations are liable for the full seminar fee. The same applies to non-appearance or interruption. However, we are happy to accept substitute delegates at any time.

CHANGE OF TERMS

In case of cancellation caused by EMCC DR. RAŠEK (e.g. for sick leave or insufficient number of participants), the entire fee will be refunded.

A change of speakers does not legitimate a reduction of the seminar fee or withdrawal of the booking.

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