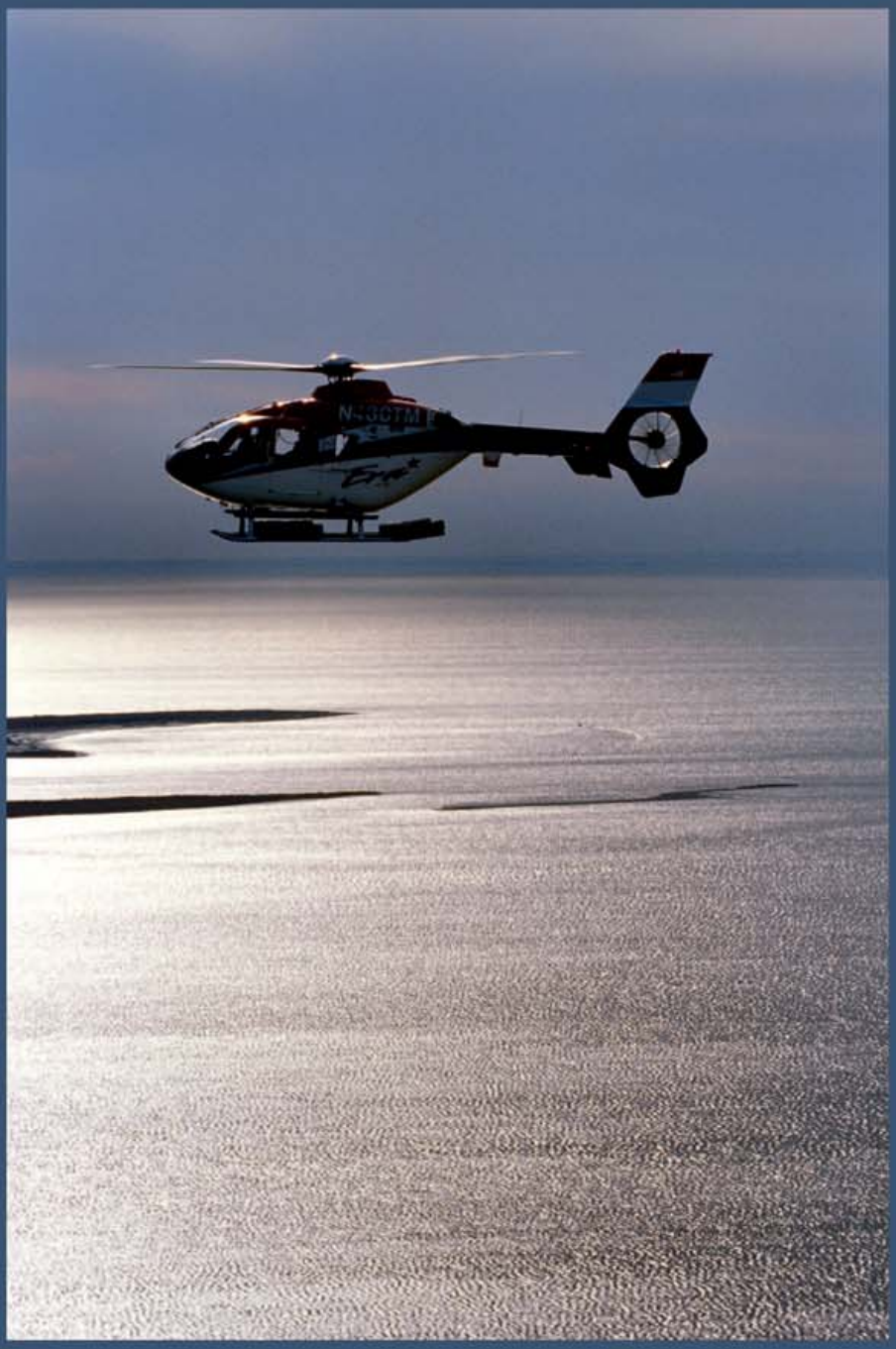
Training Academy



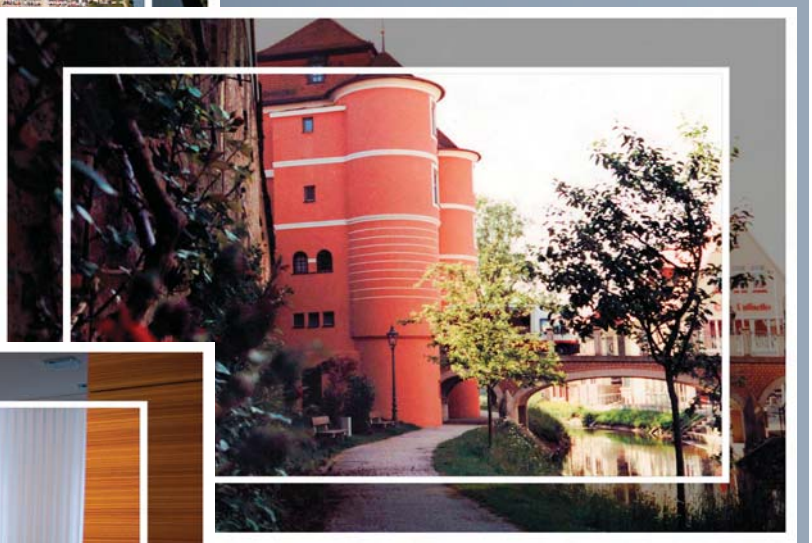
Course Catalogue 2011

Our helicopters talk.
We help you understand.

EUROCOPTER
AN EADS COMPANY

Location & Facilities

Factory



Donauwörth

Lounge

Hangar

Course Catalogue
“Easy Orientation”

Welcome
- to Eurocopter Training Academy
- Training Highlights

General Information
- Contact, Registration
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Pilot Training
- Detailed Course Descriptions

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- Maps
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40 years of excellence

Dear Customers,

The Eurocopter Training Academy is the world's leading helicopter training facility for pilots and technicians. This year we're celebrating our 40th anniversary.

Since the first customers have participated in 1961 in BO105 pilot and technician type training courses we have continuously improved our training means.
In 2011 we will start with a completely new blended learning process based on interactive training (e.g. Computer Aided Instruction), web based training, class-room training and practical instruction on the latest technology.

Although a lot of things have changed in the past 40 years our major goal remains unchanged: to stand up to your expectation and to contribute decisively to flight safety.

Our course catalogue is designed to cover the full range of your training needs. Nevertheless, we can also provide your organisation with the most effective training solution tailored to your demand.

The high quality of our training courses is assured by a very strict internal quality system and regular audits by national authorities and EASA.
The Eurocopter Training Academy is certified to issue certificates according to EASA PART 147 and JAR FCL 2.

We are extremely proud of our role in providing world class helicopter training.

The Eurocopter Training Academy is looking forward to welcoming you.

Best regards,

Charles Hebeka
Accountable Manager Training Academy

Training Highlights

"Get complete training from one source – one stop shop Training Academy"

Pilot Training

Eurocopter Training Academy arranges a complete training program for your flying staff based on a training need analysis.

Training Academy flight instructors have thousands of hours of real-life experience on Eurocopter helicopters as well as a high common level based on regular standardization.

New full flight simulator for EC 135.

Flight Training Courses are tailored to customers' needs – complete training for usage of all standard and optional equipment.

Aircraft Technician Training

Eurocopter Training Academy arranges a complete training program for your staff based on a training need analysis.

Practical Training for all helicopters (BO105, BK117, EC 145 and EC 135) on fully equipped maintenance trainers similar to series helicopter.

Type training is adapted and tailored to your demands (additional training of nearly all available optional equipment).

Eurocopter Training Academy is one of the most modern training centres in the world. Nevertheless any training course can be carried out at your facility.

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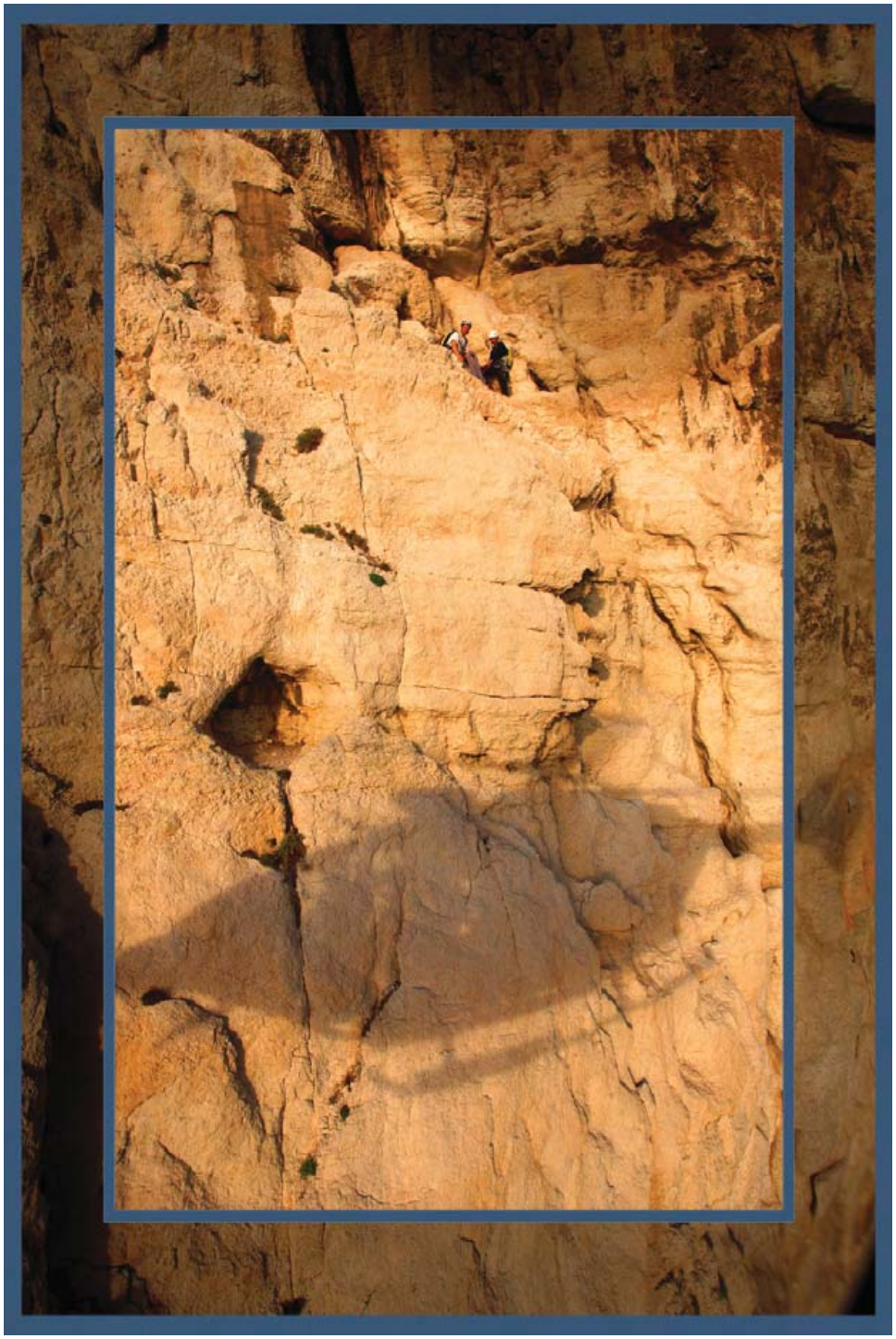
Aircraft Technician Training

Specialized Training

Appendix

Notes:

General Information



Contact

This course catalogue provides information about all civil range training courses offered by Eurocopter Training Academy. For additional information, course enrolment or special course arrangements please contact:

EUROCOPTER DEUTSCHLAND GmbH
ESDO - Training Academy
Industriestraße 4
86607 Donauwörth

Phone: +49 906 714481
Fax: +49 906 714499
Email: trainingacademy@eurocopter.com

www.eurocopter.com\trainingacademy

Mr. Charles Hebeka

Accountable Manager
ECD Training Academy

Phone: 0049- 906-71-3331
Email: charles.hebeka@eurocopter.com

Mr. Christian Finkbeiner

Manager Technical Training
MTO

Phone: 0049- 906-71-1573
Email: christian.finkbeiner@eurocopter.com

Mrs. Barbara Robert

Assistant ECD Training Academy
Planning and Enrolment
Technician Courses
MTO

Phone: 0049- 906-71-4481
Email: barbara.robert@eurocopter.com

Mrs. Yvonne Otto-Landgraf

Planning and Enrolment
Pilot Courses
FTO

Phone: 0049-906-71-4646
Email: yvonne.otto-landgraf@eurocopter.com

Mrs. Sylvine Gruene

Planning and Enrolment
Flight Simulator Training
FTO

Phone: 0049-906-71-5522
Email: sylvine.gruene@eurocopter.com

Eurocopter Training Academy

Flight Training Organisation (FTO)

The **FTO** is approved according to JAR-FCL 2.

Our pilots have performed every possible helicopter mission worldwide. They are flight instructors with **thousands of flight hours of real-life experience** gained in the German Boarder Guard, Armed Forces and at Eurocopter. They keep a close relationship with EUROCOPTER's design department, test flight pilots and the maintenance staff, in order to stay in touch with the latest developments.

Simulations, computer based training (CBT), avionic trainers and flight simulators complete the training program.

The EC 135 **flight training device (FTD)** is a full motion simulator which is approved by LBA (member of Joint Aviation Authorities JAA).

Maintenance Training Organisation (MTO)

The **MTO** is approved according to EASA PART 147.

For the **theoretical training** the classrooms are equipped with the latest electronic media. Students have access to all aircraft parts and documents.

The availability of aircraft in the factory allows easy access to different configurations.

Simulations and Computer-Based-Training (CBT) complete the diversified theoretical instruction which leaves no question unanswered.

For the **practical training** we offer a fully equipped helicopter which is similar to a series helicopter. Moreover key components (e.g. main transmission, rotor head, and hydraulic systems) are provided in addition apart the aircraft to allow an easy access.

All special tools (incl. test equipment) are available and can be demonstrated.

The practical training is adapted to your real needs (first inspections, inspections according master service manual as well as difficult tasks).

Registration

Registration for all courses should be made 4 weeks prior to their starting date at the latest. Please use course number concerned and send us the requested information:

- Pilot Training
  - "Registration Form" – see Appendix A
  - "Pilots Questionnaire" – see Appendix B
  - Up-to-date passport size photo
  - Copy of pilot licence
  - Copy of valid medical
- Aircraft Technician Training
  - "Registration Form" – see Appendix A
  - "Technicians Questionnaire" – see Appendix C
  - Up-to-date passport size photo
- Other Training
  - "Registration Form" – see Appendix A
  - Up-to-date passport size photo

Note: The forms you find in the appendix are optimised for print and fax. There you will also find hints for completing the forms and contact information for registration.

Please send us additionally a passport size photo via mail or email to facilitate the inprocessing procedure at your arrival.

Further Information

Before Your Stay

Preparation

If you need help for arranging travel and accommodation please contact our staff. They will be more than happy to assist you.

Please make sure that you have a valid passport, an up-to-date passport size picture, Visa (if necessary) and a health insurance for abroad.

If you participate in a practical training please take your working clothes (incl. appropriate shoes) with you.

Postal Address

During your stay at the Training Academy your postal address will be:

Your **Name**
EUROCOPTER DEUTSCHLAND GmbH
ESDO - Training Academy
86607 Donauwörth

Payment

Payment of the course cost has to be made to our account in EURO.

HypoVereinsbank AG, München
Account No.: 2702100
Bank Code: 70020270
IBAN DE 91 70020270 000 2702100
S.W.I.F.T HYVE DE MM

Cancellation

Course might be subject to cancellation if a sufficient number of participants is not ensured.

Circumstances may require that a course be postponed or cancelled on short notice. Every effort will be made to reduce the inconvenience this can cause.

During Your Stay

Information Board

For important information (i.e. telephone calls, bus schedule, canteen menu etc.) please have a look at our "Information Board" which is located in each lounge.

Your First Day

One of our training assistants will pick you up at the main entrance. Please get in contact with the reception at 07:45 and have your passport and an up-to-date passport (size) photo with you.

Daily Lesson Schedule

The courses start at 08:15 and finish at 16:00 (Monday through Friday). For planning purposes, please keep in mind the last day of training (including Friday) will terminate at 16:00, too.
Between the course lessons the students can use one of our recreation areas and break rooms.

During lunch break lunch can be taken at the casino (see Lunch/Dinner).

Lunch / Dinner

Lunch will be served free of charge at the casino in ECD plant in Donauwörth on course days. The Casino is closed on weekends.
There are many restaurants in Donauwörth where you can eat at a reasonable price.

Location and Transport

The Training Academy is located in just a 10 minutes walking distance to the city of Donauwörth with several hotels and the railway station.

We are pleased to help you arranging transport and accommodation.

Participants' travel expenses and accommodation are not included in the course fee.

Taxi

If you need a taxi for private usage, please ask the receptionist in your hotel. During normal working hours our Training Assistant will be pleased to make arrangements.

Usual taxi charges:

From Donauwörth to Augsburg downtown	approx. EURO	75
From Donauwörth to Munich Airport	approx. EURO	150

General Information

Telephone Calls

For business calls a telephone is available at the reception. Please contact the Training Assistant, she will provide you with an open line for your connection.

Internet Access

To check your private email or use other web services, internet access is provided at every lounge.

Medical Care

During working hours, from 07:00 to 17:00 (Monday through Friday), our medical centre (phone 7 21 11) is fully staffed in case you should require medical treatment.

For urgent medical care during other times than normal working hours please ask your receptionist for assistance or call the emergency hospital "Kreiskrankenhaus Donauwörth", Phone: 09 06 / 78 20.
Please make sure that you have a health insurance (international travel insurance) which is valid for Germany.

Police

If you need assistance by the police, please call the following telephone numbers:

- Police Station Donauwörth Phone: 09 06 / 70 66 70
- Police Station Donauwörth Phone: 110 (only in case of emergency)

Security Rules in the Factory

As per Eurocopter Deutschland's policy in terms of security regulations, you are kindly requested to observe the following:

- Badges must be carried at all times.
- Cameras are not allowed within the premises at any time.
- Please declare PC, notebook, mobile-phone with camera at the main entrance.
- Access is only allowed to facilities directly related to the training courses.
- Participants must at all times be accompanied by a Eurocopter staff for any access to other facilities.

Note: **If you should have any problems or require assistance, please feel free to contact any member of the school staff. We will do everything possible to aid you, in order that your stay at the Training Academy will be an enjoyable and successful one.**

Notes:

Pilot Training

On the following pages you find detailed course descriptions.
All courses are available on request.

Course language is English. But fundamentally for all courses a real-time translation provided by an experienced team of interpreters can be offered, please don't hesitate to ask for details.
All students who have not employed an interpreter have to pass an initial English test at the beginning of the training course. This is to prove that they have a basic understanding of English to follow the course.
In case a student fails this test Eurocopter Training Academy will organise an interpreter who will be charged to the customer.

Note: JAR FCL 2 requires examination and assessment in the language of the pilot documentation!

Pilot Training

Detailed Course Descriptions

Type Rating Course VFR (TR)
acc. to FCL-2

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course length

Theoretical instruction:

BO 105 / BK 117:	5 days
EC 135 / EC 145:	8 days

Flight training (standard TR) BO 105 / BK 117 / EC 145
8:00 flh + 1 flh skill test on HC

Flight training (MEH – extention to other types)
5:00 to 8:00 flh + 1 flh skill test

Note

The required minimum instruction time for Type Rating Training is based on the flight experience of the pilots to be trained.

However, the total number of flight hours may increase based on the flight instructor's judgement. The primary consideration is the safe handling of the helicopter.
The duration of the flight training may also vary due to weather conditions and number of Course participants.

Description

This course provides helicopter pilots with knowledge and skills on the relevant helicopter. It enables and certifies them to fly the related type of H/C safely and efficiently in accordance with JAR FCL-2 regulations.

Prerequisites

Pilots to be trained must be graduated helicopter pilots holding a valid helicopter pilot licence.

Syllabus

Classroom training (Ground instructions)

- Training Manual (4 days incl. exam.)
- Flight Manual (1 day)
- Optional Equipment (3 days)

Pre flight briefings (Ground instructions)

- General familiarisation with the training helicopter
- Helicopter checks according check list
- Normal / Emergency / malfunction procedures

Flight instruction	• Normal Procedures • Emergency procedures • Flight with max. gross mass • Repetition • Installed Optional Equipment
Note	Eurocopter's new EC 135 Simulator can be part of the EC 135 type rating. Training Academy offers special courses for type rating IFR, VFR night, CAT.A and hoist operation as these are not part of the type rating course VFR. The Pilot has to check with his local CAA which type of "Application and Report Form" has to be fitted.
More Information	A detailed syllabus is available on request.

Ground Run & Functional Check Flight

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course length

approximately 3 days, consisting of:

Theoretical instruction:	1- day
Ground runs & Flight training:	2 - 3 flight hours

Description

This course provides experienced helicopter pilots with knowledge and skills to carry out ground run & functional check flights on the related type of H/C.

Prerequisites

Pilots to be trained must have a valid rating for the relevant helicopter type. Pilots should also have sufficient flight experience on the relevant type of helicopter. We recommend a minimum of 50 flight hours PIC.

Syllabus

Classroom training (Ground instructions)

- Review of helicopter systems
- ECD maintenance flight procedures in accordance with the maintenance manual
- Data evaluation with diagrams
- Co-ordination with technical personnel

Flight training

- Ground run/hover checks
- Helicopter systems - check
- Stick/pedal forces
- Tail rotor adjustment
- In-flight functional check
- Power check
- Engine governing
- V_{NE}
- Autorotation
- Evaluation of data
- Emergency procedures

Note

The instruction does **not** include tracking and dynamic balancing.

More Information

A detailed syllabus is available on request.

Refresher Course (RCP)

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course length

3 / 5 days, depending on requested training focus:

Theoretical instruction:	1-2 days
Flight training:	3 flight hours

Description

This course will renewal pilots system knowledge and skills with emergency flights procedures on the related type of H/C.

Remarks:

The amount of flight hours and the duration of the theoretical instruction are variable. They depend on requested theoretical system refresher and flight experience of the pilot to be trained. For type renewal please check requirements with your competent aviation authority before commencing the course.

Prerequisites:

Pilots to be trained must be graduated helicopter pilots and hold (or have hold) a valid BO 105 / BK 117 / EC 145 / EC 135 pilot licence.

Syllabus

Classroom training (Ground instructions)

- Relevant parts of the Training Manual
- Relevant parts of the Flight Manual

Flight training

- Pre flight and cockpit procedures
- Hover manoeuvres
- Traffic patterns
- Steep turns
- Slope landings
- Confined area flying
- Engine failure procedures
- One engine inoperative (OEI) landings
- Autorotation
- Tail rotor control failure
- Air restart
- Other emergency procedures

More Information

A detailed syllabus is available on request.

Type Rating Instructor TRI (H)

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course length

Approximately 5-8 days, consisting of:

Theoretical instruction:	3 days
Flight training VFR:	5 (or 3) flight hours (3 Fh) type extension only!
Flight training IFR:	2 flight hours
TRI assessment (check):	1 flight hour

Note

The training and total number of flight hours depend on complexity of the training helicopter. They may increase based on the flight instructor's judgement. The primary consideration is the safe handling of the helicopter.

The duration of the flight training may also vary due to weather conditions and number of Course participants.

Description

This course provides experienced helicopter pilots with knowledge and skills to give type rating training. It enables and certifies them to act as an instructor pilot on the related type of H/C based on JAR FCL-2 regulations.

Prerequisites TRI(H) first issue

The applicant has a total flight time on helicopters of not less than 500 hours PIC and holds a current type rating on the respective training helicopter with a minimum of 15 flight hours as PIC.
He also needs adequate experience on the training helicopter variant.
The applicant needs a certificate of successfully completion of the Teaching and Learning course according to appendix 1 to JAR-FCL 2.330 (C) or an equivalent course to be validated.

Prerequisites TRI(H) Extension

The applicant holds a current FI or TRI licence on other ME-SPH and a type rating on the respective helicopter with a minimum of 15 flight hours as PIC. He also needs adequate experience on the training helicopter variant.

Pilot Training

Syllabus

Classroom training (Ground instructions)

- Review of systems, limitations, procedures
- General familiarisation with the training helicopter
- General pre flight briefing and techniques

Flight training

- Repetition of normal and emergency procedures
- Left hand seat skills as student and instructor
- Standardisation of instrument flight procedures(IFR) if applicable
- Assessment of competence (check) at the end of the course

More Information

A detailed syllabus is available on request.

CAT. A Training (CAT. A)

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course length

Approximately 2 days, consisting of:

Theoretical instruction:	1 day
Flight training:	2 flight hours

Description

This course is designed to understand and professionally use CAT. A procedures and to renew pilots knowledge and skills with the associated emergency procedures on the related type of H/C.

Remarks

The amount of flight hours is variable and depends on the experience of the pilot to be trained.

Prerequisites

Pilot to be trained must have a valid rating for the relevant helicopter type. Flight experience on the relevant helicopter should be at least 10 flight hours. This training can also be implemented in a standard type rating course.

Syllabus

Classroom training (Ground instructions)

- Introduction
- About CAT. A
- Exempts
- Clear heliport operation
- VTOL operations
- Calculations

Flight training

- Clear heliport operation
- VTOL

More Information

A detailed syllabus is available on request.

Type Rating IR (IFR)

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course length

Approximately 4 days, consisting of:

Theoretical instruction:	1 day
Flight training	3 - 5 flight hours

Remarks

The amount of theoretical instruction as well as the amount of flight hours is dependent on the experience and knowledge of the pilot to be trained.

Description

This course provides IFR licensed helicopter pilots with knowledge and skills, enabling and certifying them to fly the relevant H/C under Instrument Meteorological Conditions (IMC) in accordance JAR FCL-2 regulations

Prerequisites

Pilots to be trained must have a valid instrument rating on helicopter (IR (H)), a valid type rating and experience on the relevant helicopter type. Pilots holding a JAR FCL license must be able to perform the radio communication in English language.

Syllabus

Classroom training (Ground instructions)

- Instruction of all IFR content of the flight manual
- Instruction of all IFR handling of the avionics
- Explanation / Harmonisation of the flight procedures
- Explanation of the ECD - IFR Checklist

Flight training

- Basic procedures
- Enroute
- Approaches
- IFR - Emergencies

More Information

A detailed syllabus is available on request.

Instrument Rating (IR (H))

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	Approximately 3 - 4 months, consisting of: 150 hours of theoretical instruction total of 55 flight hours (on helicopter/simulator (FNPT III))
Remarks	Amount of hours for theoretical instruction, flight hours and hours on the procedure trainer represent a minimum required by German Aviation Authorities (LBA). For foreign course participants these minima can be altered to their specific demands.
Prerequisites	Pilots to be trained must hold a valid helicopter pilot licence including night flight qualification. He must hold a valid type rating for the relevant helicopter type. The participant must have a flight experience of at least 50 flight hours in cross country flights as PIC (on helicopters or aeroplanes), of which a minimum of 10 flight hours have to be on helicopters. The participant must be proficient in English and show his ability to understand and communicate for all course related matters in this language.
Syllabus	
Classroom training (Ground instructions)	• Law of the air and Air traffic control procedures • General aircraft and IFR-systems knowledge • Flight planning • Physiology and Human performance • Meteorology • Navigation and Radio navigation • Communication procedures • IFR procedures • Written examination

Pilot Training

Flight training Basic phase	• Cockpit procedures • Straight and level flight • Standard turns / steep turns • Climb and descent • Climbing / descending turns • Acceleration / deceleration • Instrument take-off • Instrument failure • Unusual attitudes
Advanced phase	• Homing • Tracking • Interceptions • Holding entry / holding pattern • Procedure turns • Non-precision approaches • Precision approaches • Emergency procedures related to IFR
Cross country phase	• Flight planning • Cockpit management • Departure- and arrival routes • Radio navigation • Radio communication (voice procedures) • Crew coordination
Examination	• Skill test on relevant helicopter.
Note	All flights will be performed under simulated or actual Instrument Meteorological Conditions (IMC) during day- and night time.

Special Training Courses

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Basic - External hoist procedures (EHP)	Duration: approx. 3 days Theoretical instruction: 1 day Flight training: approx. 2 days Note: Training only together with winch operator training at the same time. They should bring appropriate working clothes (incl. shoes, helmet and gloves) with them. Hoist operation in mountainous area and/or over water only if possible by local CAA and on special request
Basic - Load hook procedures (LHP)	Duration: approx. 1 day (including all technical preparation) Theoretical instruction: 2-3 hours Flight training: approx. 1 flight hour
High landing skid (HLS)	Duration: approx. ½ day Theoretical instruction: 1 hour Flight training: approx. 1 flight hour
Basic - Night flight procedures (NFP)	Duration: approx. 1 day (including all necessary preparation) Theoretical instruction: 1-2 hours Flight training: approx. 1 flight hour (only within traffic pattern) Note: only from October to March
Helicopter differences training (DIF)	Duration: approx. 3-5 days Theoretical instruction: 1-4 days* Flight training: approx. 1-4 flight hours* *depending on helicopter (cockpit) variant Note: only for EC 135 and EC 145
More Information	Detailed syllabi are available on request.

GPS Training

GPS Stand alone approach Course
for
CMA 3000/9000
Garmin 430/530 series
Trimble/Free Flight 2000 series

Course length

1 day theory
approx. 2-3 flight hours

Prerequisites

Valid IFR licence (H) and valid Type Rating on helicopter type.

Description

This course provides IFR licensed helicopter pilots with knowledge and skills, enabling them to use the GPS in a professional way and to enable them to conduct GPS stand alone approaches.

Syllabus

Classroom training (Ground instructions)

- Principle function of GPS
- Official prerequisites and accuracy
- Data system / coordinate system
- Charts symbols and turn anticipation
- RAIM prediction
- Automatic scale ranging
- GPS procedures as example
- Useful additional information
- Use of equipment inclusive simulation program
- Flight planning

Flight training

- Minimum 2 approaches plus 1 complete missed approach at an airfield with a certified GPS approach procedure

More Information

Detailed syllabi are available on request.

NVG Training

Duration

Approx. 3 weeks basic training, consisting of:

Theory:	1 week
Flight training	15 flight hours of night flight training within the four different moon phases

Objectives

Basic training for a crew under NVG conditions.
Crew coordination in tactical missions additional using FLIR

Prerequisites

Pilots to be trained must have a valid CPL(H) Commercial Pilot Licence (Helicopter) and a type rating on the relevant Helicopter.
It is an advantage to hold also a valid IFR type rating.

Schedule

Classroom training (Ground instructions)

- Lesson about techniques and instruments
  Introduction on ground
- Extensive briefing before and after each flight instruction
- Tactical employment and crew co ordination
- Equipment of the helicopter for flight with NVG
- Emergency procedures
- Map preparation, moving map
- NVG basic training should cover different moon phases (different light intensity)

Flight training

15 Fh of basic flight procedures (with flight instructor)

- NVG cross country flight with 15 landings
  (1 flight hour as Co Pilot)
- NVG – FLIR operation training
  (crew coordination, flight procedures)
  1 exercise of that will be;
  “co operation with a team on ground”
- Off site landings on different places

More Information

A detailed syllabus is available on request.

FLIR - Operator Training Level 1
"Basic"

Duration

5 days of theoretical and practical instruction including:
2 hours day flight and
1 hours night flight for each operator

Objectives

Basic training of a crew on the FLIR system. The training course will be terminated by a written examination in theoretical and practical knowledge.

Prerequisites

Onboard engineer must have a valid licence for flight engineer.
Hc must be available during ground training.

Schedule
Classroom training
(Ground instructions)

- General
- Flight Manual EC 135
- Components FLIR-System
- Operating Manuals Moving Map System
- Physical Basics/IR-Technology
- Crew-Co-Ordination (basics referring to legal requirements)
- Human Performance and Limitations

Practical instruction

Ground Training (P)
- Ground-Training Installation, handling, pre-flight-check

Flight training

Flight Training Basics (P)
- Flight-Proceedings
- Environment
- Objects

Note

Course duration is for 1 – 2 operators
for any additional operator to be trained course days will be added

More Information

Detailed syllabus is available on request.

FLIR - Operator Training Level 2
Advanced
"Flight Mission Training"

Duration	7 days of theoretical and practical instruction including: 3 hours day flight and 3 hours night flight for each operator
Prerequisites	Onboard engineer must have attended the FLIR Operator Training "Level 1 – Basic". Hc must be available during ground training.
Schedule Classroom training (Ground instructions)	**Refreshing – Improving (T)** • Flight Manual EC 135 Manual FLIR-System – EO-/IR System • Experience "Feedback" **Crew-Co-ordination (T)** • Crew Co-ordination Concept (CCC) • Crew Resource Management (CRM)
Practical instruction	**Ground Training (P)** • Reflecting
Flight training	**Flight Mission Training (P)** (tailored to customer's demands)
Note	For the higher course level participation in the previous course is mandatory!
More Information	Detailed syllabus is available on request.

FLIR - Operator Training Level 3
"Operational Training Hot Missions"

Duration	9 days of theoretical and practical instruction including: 4 hours day flight and 5 hours night flight for each operator
Prerequisites	Onboard engineer must have attended the FLIR Operator Training "Level 2 – Advanced Flight Mission Training". Hc must be available during ground training.
Schedule Classroom training (Ground instructions)	**Refreshing – Improving (T)** • Experience "Feedback" **Crew-Co-ordination (T)** • Crew Co-ordination Concept (CCC) "Intensive" • Crew Resource Management (CRM) "Advanced-Training" **Cooperation with Ground Forces (T)** • Common Rules • Standard Call outs • Guiding Groung Forces • Optionals • Tactical Opportunities
Flight training	**Hot Mission Training (P)** (tailored to customer's demands)
Note	For the higher course level participation in the previous course is mandatory!
More Information	Detailed syllabus is available on request.

IFR Transition (IFT)
(Aeroplane to Helicopter)

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course Length

The amount of theoretical instruction as well as the amount of flight hours depends on the knowledge and experience of the pilot to be trained.

Flight training	10 flight hours as minimum + 1,5 Fh skill test

Prerequisites

Pilots to be trained must have a valid IFR rating on fixed wing and a valid rating of the relevant helicopter type.

Syllabus

Classroom training (Ground instructions)

- Instruction of all IFR content of the flight manual
- Instruction of all IFR handling of the avionics
- Explanation / Harmonisation of the flight procedures
- Explanation of the ECD - IFR Checklist
- Cockpit management

Flight Training

- Basic manoeuvres
- Enroute navigation
- Holdings
- Cockpit management
- Emergency procedures
- Precision approaches
- Non-precision approaches

More Information

Detailed syllabi are available on request.

Synthetic Flight Instructor (SFI) Training
SIM EC 135

Course duration	• 1 Instructor ~ 3 days of theoretical and practical instructions • 2 Instructors ~ 4 days of theoretical and practical instructions
Course objective	On completion of this course, the applicant is theoretically and practically instructed how to operate the EC 135 simulator.
Applicable JAR regulations	• JAR-FCL 2.305 (d) • JAR-FCL 2.405 • JAR-FCL 2.410 • JAR-FCL 2.415
Prerequisites	The applicant holds a valid CPL(H) with TR as PIC for EC 135 (or had such a qualification during the preceding 2 years) and is / was a qualified type rating instructor **(TRI)** on EC 135 helicopters during the preceding 12 month.
Training requirements	Simulator familiarisation including operation of the Instructor Operating Station (IOS) as well as review of EC 135 emergency procedures according FLM
Theoretical Instruction	2 days SIM familiarisation theoretical refresher of FLM emergencies • Review of procedures • Instructor familiarization with the Simulator
Simulator operator training	• Minimum 2 slots per instructor • Operator instruction as SFI • General pre-flight / post-flight briefing • Normal and emergency procedures
More Information	Detailed syllabi are available on request.

Emergency Refresher Training (ERT)
SIM EC 135

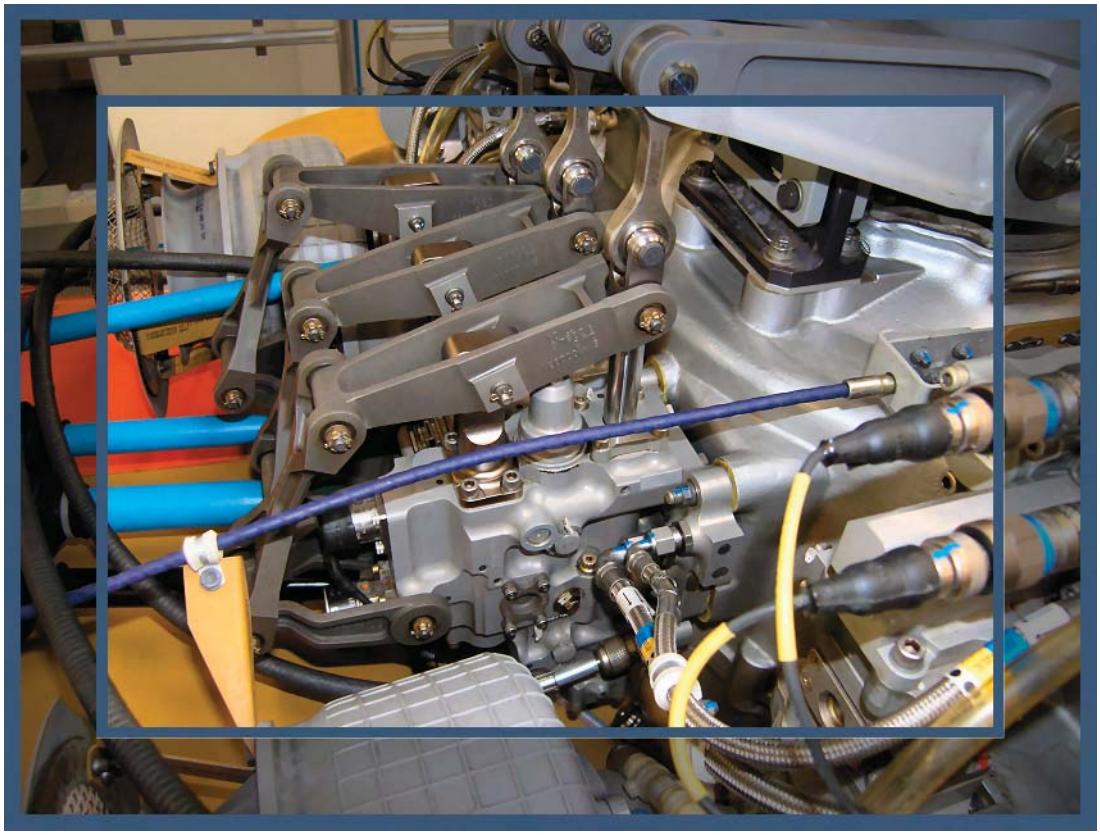
Course duration	4 days of theoretical and practical instructions for 2 Pilots
Course objective	On completion of this course, the applicant is theoretically and practically standardized / refreshed for helicopter system knowledge as well as for normal- and emergency flight procedures on the EC 135.
Applicable JAR regulations	For further information, please contact Training Academy
Prerequisites	The applicant is a qualified Helicopter Pilot **(PIC)** and holds a currant type rating on the EC 135.
Training requirements	Review of all helicopter systems and emergency procedures
Theoretical Instruction	2 days theoretical refresher
Flight training	4:00 slots per pilot **Flight instruction SIM – EC 135** • Flight times given in this section are block times (4 flights each 1:00 hrs) • General pre-flight / post-flight briefing • Normal and emergency procedures
More Information	Detailed syllabi are available on request.

Aircraft Technician Training

On the following pages you find detailed course descriptions.
All courses are available on request. Nevertheless to facilitate your yearly planning we have fixed dates for type training courses all over the year. For details please refer to chapter course dates (page 63).

Course language is English. But fundamentally for all courses a real-time translation provided by an experienced team of interpreters can be offered, please don't hesitate to ask for details.
All students who have not employed an interpreter have to pass an initial English test at the beginning of the training course. This is to prove that they have a basic understanding of English to follow the course.
In case a student fails this test Eurocopter Training Academy will organise an interpreter who will be charged to the customer.

Note: EASA PART 147 requires examination and assessment in the language of the maintenance documentation!

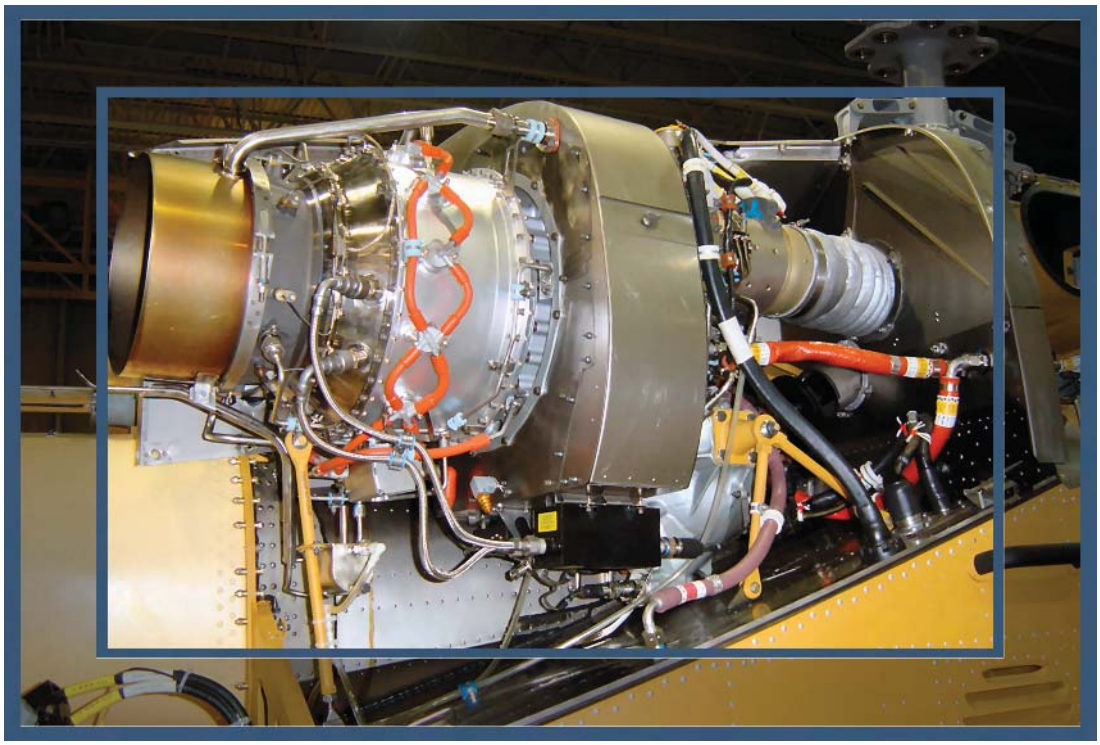


Aircraft Technician Training

Detailed Course Descriptions 41

Course Dates 63

Detailed Course Descriptions

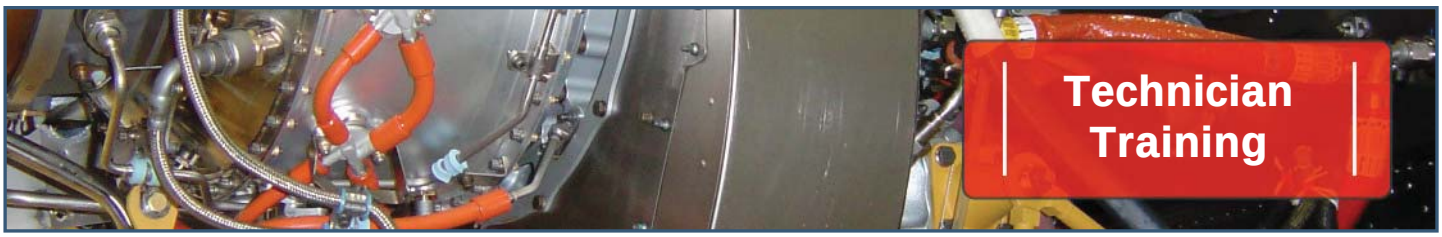


B1 Type Training (MC) - airframe

excluding engine including interfaces to engines

acc. to EASA Part 147

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	20 days of instruction including theoretical and practical training according EASA PART 147.
Description	The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills. It enables them to maintain the related type of helicopter in accordance with Eurocopter provided technical documentation.
Note	There will be a theoretical examination as well as a practical assessment. Theoretical and practical elements are according to EASA PART 66.
Prerequisites	Students to be trained must have practical experience on helicopters or aircraft.
Contents	Procedures are applicable for maintenance levels O and I and associated documentation. They include practical and theoretical training in procedures for the structural groups as follows: • Lifting System • Fuselage • Empennage • Flight controls • Landing Gear • Power Plants • Electrical and Avionics Systems • Maintenance and Inspections
More Information	A detailed syllabus is available on request.

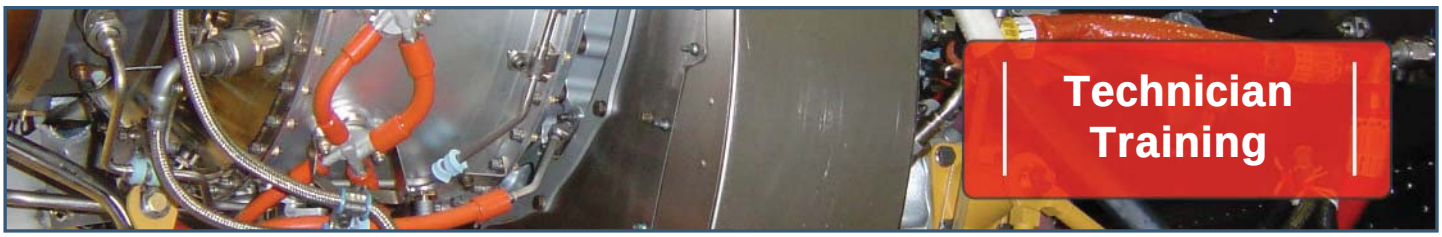


B2 Type Training (AV) – electrical system / avionics
acc. to EASA Part 147

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	20 days of instruction including theoretical and practical training according EASA PART 147. BO 105, BK 117: 15 days of instruction
Description	The course extends the privileges of experienced Aircraft Technicians (avionics) with knowledge and skills. It enables them to maintain the related type of helicopter in accordance with Eurocopter provided technical documentation.
Note	There will be a theoretical examination as well as a practical assessment. Theoretical and practical elements are according to EASA PART 66.
Prerequisites	Students to be trained must have practical experience on helicopters or aircraft.
Contents	Procedures are applicable for maintenance levels O and I and associated documentation. They include practical and theoretical training in procedures for the structural groups as follows: • Electrical System • Mechanical Section • Communication System • Navigation System • Instruments • Automatic Flight Control System • Flight Control Display System (EC 135 and 145)
More Information	A detailed syllabus is available on request.

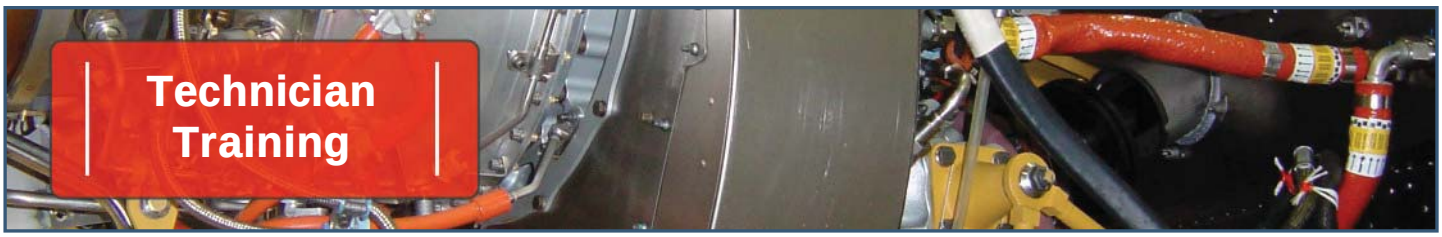
Engine Training
acc. to EASA PART 66

Engines	Allison 250-C20B, Lycomming LTS 101, Pratt & Whitney PWC PW206
Course length	5 days of theoretical and practical instruction
Description	The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills. It enables them to maintain the related type of engine in accordance with the official technical documentation.
Note	There will be a theoretical examination at the end of the course. Theoretical and practical elements are according to EASA PART 66.
Prerequisites	Students to be trained must have mechanical experience and basic engine knowledge.
Contents	Procedures are applicable for maintenance levels O and I and associated documentation. • Power Plant • Reduction Gear/Shaft Section • Air Inlet, Compressor, Combustion, Turbine Section • Fuel Section • Starting/Ignition • Air • Engine Controls • Engine Indication • Exhaust • Oil System
More Information	A detailed syllabus is available on request.
Important Note	For Turbomeca Arriel 1, Turbomeca Arrius 2B and PWC PW206 please contact the engine manufacturer directly!



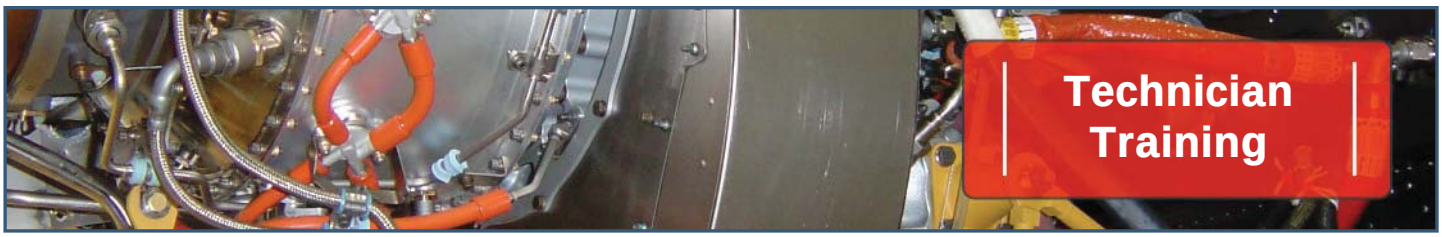
System Familiarization (SF) – cat.C

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	5 days of theoretical instruction
Description	This course provides an **overview** of airframe, systems and power plant as outlined in the System Description Section of the Aircraft Maintenance Manual (Level 1).
Prerequisites	Students to be trained should have practical experience on helicopters or aircraft.
Contents	The course includes theoretical instruction of structural groups as follows: • Lifting System • Fuselage • Empennage • Flight controls • Landing Gear • Power Plants • Electrical and Avionics Systems • Maintenance Inspection
More Information	A detailed syllabus is available on request.



B1 Practical Training (MCP) - airframe
acc. to EASA Part 147

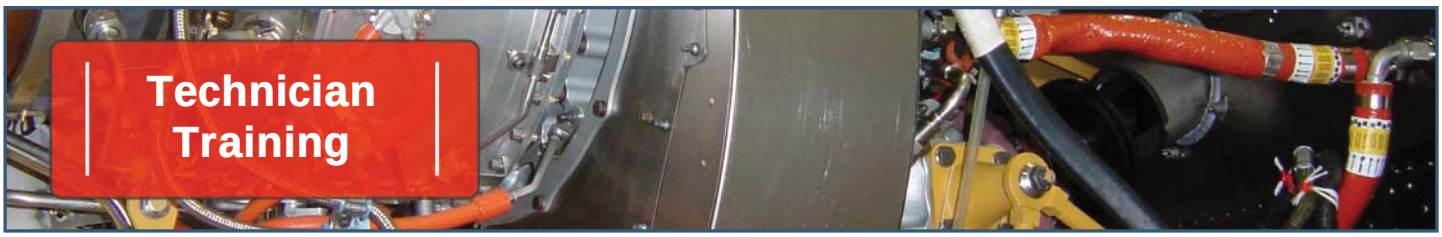
Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	10 days of practical instruction according EASA PART 147.
Description	The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills. It enables them to maintain the related type of helicopter in accordance with Eurocopter provided technical documentation.
Note	There will be a practical assessment at the end. Practical elements and assessment are according to EASA PART 66.
Prerequisites	Students to be trained must have practical experience on helicopters or aircraft. Students to be trained must have successfully passed a theoretical training before.
Contents	Procedures are applicable for maintenance levels O and I and associated documentation. They include practical training in procedures for the structural groups as follows: • Lifting System • Fuselage • Empennage • Flight controls • Landing Gear • Power Plants • Electrical and Avionics Systems • Maintenance and Inspections
More Information	A detailed syllabus is available on request.



B2 Practical Training (AVP) - electrical system / avionics

acc. to EASA Part 147

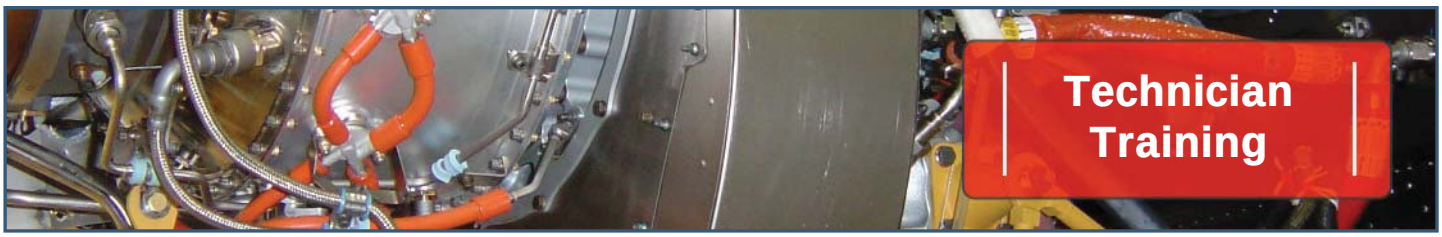
Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	10 days of practical instruction according EASA PART 147.
Description	The course extends the privileges of experienced Aircraft Technicians (avionics) with knowledge and skills. It enables them to maintain the related type of helicopter in accordance with Eurocopter provided technical documentation.
Note	There will be a practical assessment at the end. Practical elements and assessment are according to EASA PART 66.
Prerequisites	Students to be trained must have practical experience on helicopters or aircraft. Students to be trained must have successfully passed a theoretical training before.
Contents	Procedures are applicable for maintenance levels O and I and associated documentation. They include practical training in procedures for the structural groups as follows: • Electrical System • Mechanical Section • Communication System • Navigation System • Instruments • Automatic Flight Control System • Flight Control Display System (EC 135 and 145)
More Information	A detailed syllabus is available on request.



B1 Conversion Courses (MCC) - airframe

excluding engine including interfaces to engines

Helicopter Types	BK 117 to EC 145 and vice versa
Course length	5 days
Description	The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills. It enables them to maintain the related type of helicopter in accordance with Eurocopter provided technical documentation.
Prerequisites	Students to be trained must have practical experience on BK 117 respectively EC 145 helicopters.
Contents	Procedures are applicable for maintenance levels O and I and associated documentation and include theoretical training in procedures for the structural groups as follows: • Lifting System • Fuselage • Empennage • Flight controls • Landing Gear • Power Plants • Electrical System • Maintenance Inspection
More Information	A detailed syllabus is available on request.

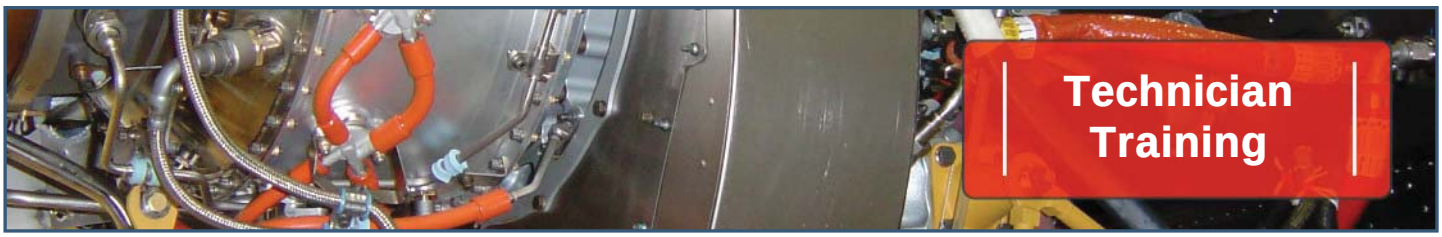


B2 Conversion Courses (AVC) – electrical system / avionics

Helicopter Types	BK 117 to EC 145 and vice versa
Course length	10 days for BK 117 to EC 145 5 days for EC 145 to BK 117
Description	The course extends the privileges of experienced Aircraft Technicians (avionics) with knowledge and skills. It enables them to maintain the related type of helicopter in accordance with Eurocopter provided technical documentation.
Prerequisites	Students to be trained must have practical experience on BK 117 respectively EC 145 helicopters.
Contents	Procedures are applicable for maintenance levels O and I and associated documentation and include theoretical training in procedures for the structural groups as follows (if applicable for the respective helicopter): • Electrical System • Mechanical Section • Communication System • Navigation System • Instruments • Automatic Flight Control System • Flight Control Display System (EC 135 and 145)
More Information	A detailed syllabus is available on request.

Refresher Course (RC)

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	5 days of theoretical and practical instruction
Description	This course updates knowledge and proficiency of Aircraft Technicians (mechanics and avionics).
Prerequisites	Students to be trained must have participated in the respective type training course.
Contents	The course includes theoretical and practical training. The syllabus is adapted to customers' demands. • General repetition with focus on most important and critical structural groups • Inspections and checks according MSM • Upcoming maintenance tasks • Update (SBs/ASBs)
Note	The course will be tailored to your demands.

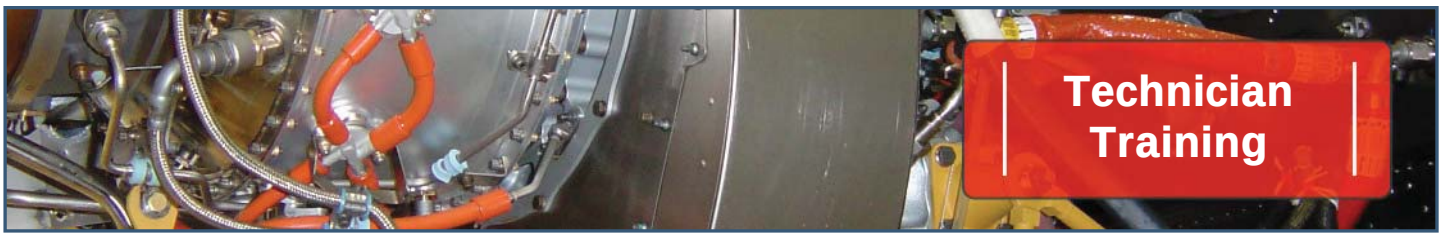


Inspection Course (IN)

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	5 days of practical instruction for each helicopter type.
Description	The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills. It enables them to inspect the related type of helicopter in accordance with Eurocopter provided technical documentation.
Note	This course will prepare technicians for upcoming inspections.
Prerequisites	Trainee must have participated in a previous type training course of the respective helicopter as well as respective engine course.
Contents	The syllabus can be adapted to customers' demands (in particular to prepare big inspections). • Regular Inspections according AMM and ECD instructions • Supplementary Inspections acc. AMM and ECD instructions • Servicing

Rotor Head Inspection Course (RH)

Helicopter Types	BO 105, BK 117, EC 145
Course length	3 days of practical instruction.
Description	The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills. It enables them to maintain the rotor head in accordance with Eurocopter provided technical documentation.
Prerequisites	Previous participation in a BO 105/BK 117/EC 145 type training is recommended.
Contents	• Disassembly and reassembly of the rotor head • Inspection acc. operating time in flight hours and/or calendar time • Replacement of inner and outer oil-seals • Replacement of pitch change bearings • Replacement of quadruple nuts and all replaceable parts



External Hoist Operation (EHO)

Helicopter Types

BO 105, BK 117, EC 145, EC 135

Course length

Maintenance Procedures (EHM)

- 2 days of theoretical and practical instruction

Operation (EHO)

- 3 days of theoretical and practical instruction

Description

The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills.
It enables them to maintain the external hoist system in accordance with official technical documentation.

Crew will be trained to gain experience in hoist operation and crew co-ordination.

Prerequisites

Previous participation in a BO 105 / BK 117 / EC 145 / EC 135 type training course is recommended. Students to be trained should have experience in air rescue.

Syllabus

Maintenance procedures in accordance to maintenance manuals

- removal, disassembly, inspection, re-assembly and installation of hook/bumper
- removal, inspection and installation of winch unit
- cable inspection
- cable exchange
- disassembly and re-assembly of winch boom
- functional test of rescue hoist assembly

Operation in accordance to operation manuals

- handling and operation of rescue winch missions
- mounting and removal of the rescue winch
- pre flight inspection
- cable inspection
- verbal guidance procedures
- emergency procedures

Rotor Blade Repair (RBR)

Course length (days)

Initial Course					
Level	BO 105 CBS-4	BO 105 CBS-5	BK 117	EC 145	EC 135
AMM	on request				
L0	5	3	3	4	9
L0+L1*	10	8	10	12	12
Refresher Course					
Level	BO 105 CBS-4	BO 105 CBS-5	BK 117	EC 145	EC 135
AMM	on request				
L0	2	2	2	2	3
L0+L1*	3	3	3	5	5

Description

The course extends the privileges of experienced Aircraft Technicians (mechanics) with knowledge and skills.
It enables them to repair the related type of rotor blades in accordance with Eurocopter provided technical documentation.

Prerequisites

Basic knowledge of composite repair and previous participation in a BO 105 / BK 117 / EC 145 / EC 135 maintenance course is recommended.

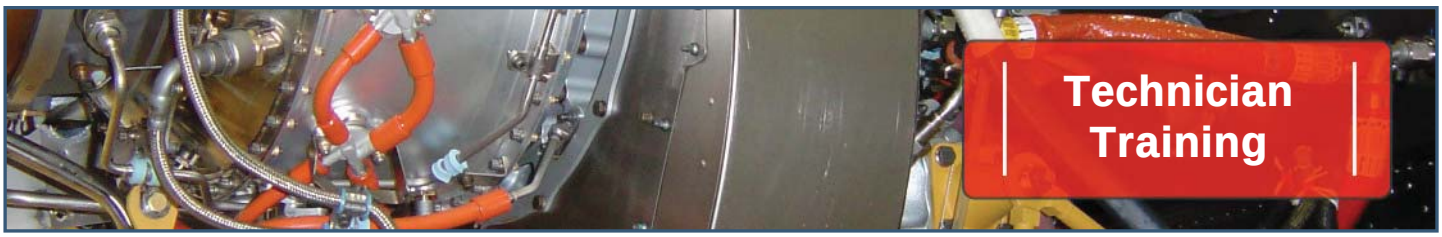
For the higher course level participation in the previous course is mandatory.
For the refresher course participation in an initial course is mandatory.

Contents

For a detailed syllabus please contact the training academy directly.

***Note**

for customers getting an approval to perform L1 tasks only on own blades or for specified repair stations

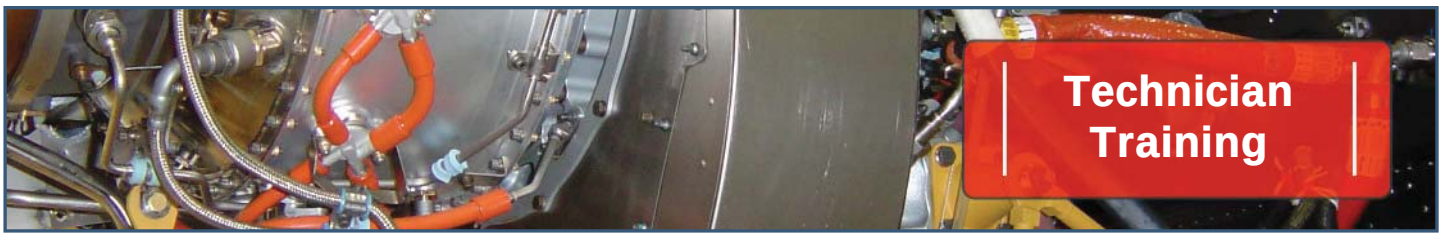


Air Conditioning System

Helicopter Types	all models
Course length	Course length is adapted to customers needs. The times you find below are reference values.
Description	The course extends the privileges of experienced Aircraft Technicians with knowledge and skills. It enables them to maintain the related type of equipment in accordance with official technical documentation. The courses are adapted to the configuration of your helicopter and comprise theoretical instruction, removal/installation, complex trouble shooting, operational checks, handling and operation.
Prerequisites	Previous participation in a BO 105 / BK 117 / EC 145 / EC 135 type training course is recommended.
Note	**The following list shows the most common equipment. Training for other systems is available on request.**
Avionic Equipment	**Air conditioning system** METRO – 1 day

Optional Avionic Equipment (Intercom and Communication)

Helicopter Types	all models
Course length	Course length is adapted to customers needs. The times you find below are reference values.
Description	The course extends the privileges of experienced Aircraft Technicians (avionics) with knowledge and skills. It enables them to maintain the related type of equipment in accordance with official technical documentation. The courses are adapted to the configuration of your helicopter and comprise theoretical instruction, removal/installation, complex trouble shooting, operational checks, handling and operation.
Prerequisites	Previous participation in a BO 105 / BK 117 / EC 145 / EC 135 type training course is recommended.
Note	**The following list shows the most common equipment. Training for other systems is available on request.**
Avionic Equipment	**Intercom** Becker (DVCS-5100/6100) – 0.5 days NAT (AMU50/ACP53) – 0.5 days **Communication** Rockwell Collins (HF 9000) – 2 hours NAT (NPX 138N, NTH 450C-00) – 2 hours Sky Connect (1616-350-01A) – 2 hours Aero Phone (AD-STUI-01) – 2 hours NAT (AA22-492) – 1 hour



Optional Avionic Equipment (ATC, Weather Radar, Navigation, Others)

Helicopter Types	all models
Course length	Course length is adapted to customers needs. The times you find below are reference values.
Description	The course extends the privileges of experienced Aircraft Technicians (avionics) with knowledge and skills. It enables them to maintain the related type of equipment in accordance with official technical documentation. The courses are adapted to the configuration of your helicopter and comprise theoretical instruction, removal/installation, complex trouble shooting, operational checks, handling and operation.
Prerequisites	Previous participation in a BO 105 / BK 117 / EC 145 / EC 135 type training course is recommended.
Note	**The following list shows the most common equipment. Training for other systems is available on request.**
Avionic Equipment	**ATC** Ryan (9900 BX) – 0.5 days Garmin (GTX 330) – 0.5 days Bendix King (BXP 6401) – 0.5 days **Weather Radar** Honeywell (RDR 2000) – 0.5 days **Navigation** Canadian Marconi (CMA 3000/9000) – 1 day Chelton (CCN 955) – 2 hours Garmin (GNS 430) – 0.5 days **Digital Map** Euro Avionics (Moving Map IV) – 2 days **Others** M'Arms (UMS/CVFDR) – 1.5 days Eurocopter (SX-16) – 0.5 days Honeywell (Mark XXI) – 1 day NAT (AA22-492) – 1 hour

FLIR - Maintenance Training

Duration

3 days of theoretical and practical instruction

Description

The course extends the privileges of experienced Aircraft Technicians with knowledge and skills.
It enables them to maintain the related FLIR system in accordance with official technical documentation.

The courses are adapted to the configuration of your helicopter and comprise theoretical instruction, removal/installation, complex trouble shooting, operational checks, handling and operation.

Prerequisites

Technician must have experience in aircraft maintenance.

Contents

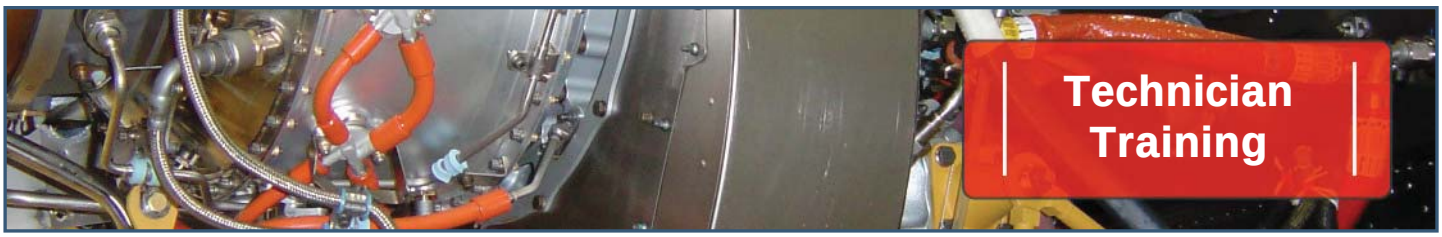
- Technical documentation
- Components FLIR-System
- Operating Manuals Moving Map System
- Physical Basics/IR-Technology
- Removal/installation
- Trouble shooting
- Functional tests
- Handling and operation

Note

For the operation please refer to “FLIR – Operator Training” (Pilot Training Section)

More Information

Detailed syllabus is available on request.

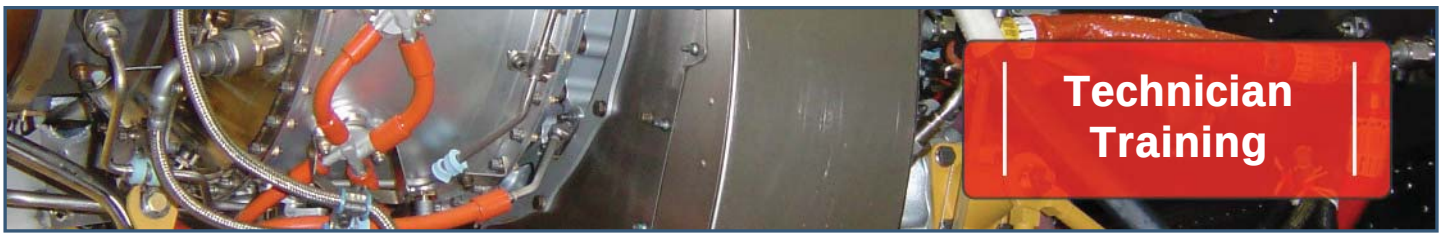


Electric Courses (EL)

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	BO 105: 3 days of theoretical and practical training EC 135 5 days of theoretical and practical training BK 117: 3 days of theoretical and practical training EC 145: 5 days of theoretical and practical training
Description	The course extends the privileges of experienced Aircraft Technicians with knowledge and skills. It enables them to maintain the related helicopter in accordance with official technical documentation.
Prerequisites	Students to be trained must be aircraft electricians or have an equivalent profession.
Contents	• General explanation of the DC system • General explanation of the AC system • General explanation of the CPDS (EC 135 / EC 145) • Power generating and distribution • Locations • Maintenance and troubleshooting procedures • Discussion of wiring diagrams

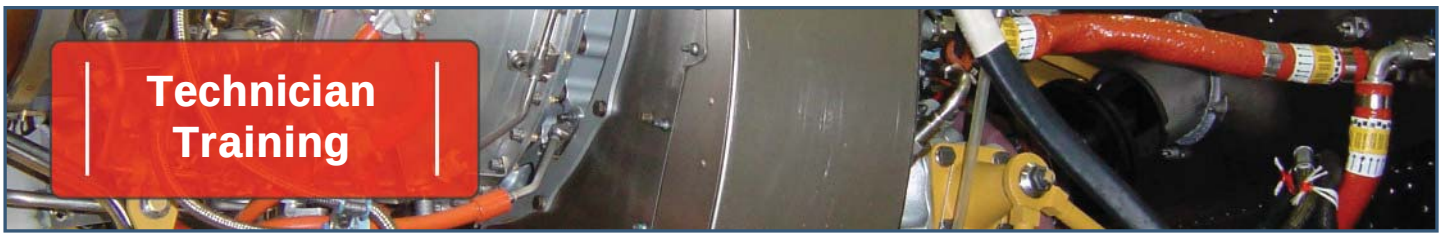
Cable Harness Repair Course (HRC)

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	10 days of theoretical and practical training
Description	This course provides Aircraft Technicians with knowledge and skills. It enables them to maintain and repair the electrical harness in accordance with Eurocopter provided technical documentation.
Prerequisites	Students to be trained must be aircraft electricians or have an equivalent profession.
Contents	The course includes basic practical training for the electrical system with a focus on the cable harness, e.g. • electrical connectors • pins • soldering The syllabus can be adapted to customers' demands.



Sheet Metal Repair Course (SMRC)

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	15 days of theoretical and practical training
Description	This course provides Aircraft Technicians with knowledge and skills, enabling them to carry out basic sheet metal repairs according to international and Eurocopter standards.
Prerequisites	Students to be trained must be aircraft technicians or have an equivalent profession.
Contents	The course includes theoretical and practical training for the sheet metal repair and covers • Distinction of different aeronautic materials according to standards and material index • Production of sheet metal and sheet metal profiles according to EC standard • Preparation of assemblies and subassemblies for installation • Different riveting methods • Removal and re-establishing all rivet connections • Joining parts with two component sealing compound • Inserting connection elements (humid insertion) • Lock-wiring • Refurbishing of sheet metal profiles • Re-establishing surfaces The syllabus can be adapted to customers' demands.



Composite Repair Course (CRC)

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	5 days of theoretical and practical training
Description	This course provides Aircraft Technicians with knowledge and skills, enabling them to carry out basic composite repairs according to international and Eurocopter standards.
Prerequisites	Students to be trained must be aircraft technicians or have an equivalent profession and should have a basic knowledge about composite material.
Contents	The course includes theoretical and basic practical training for the sheet metal repair and covers • Types of resin and preparation of resin (application of correct mixing ratio) • Honeycomb, fillers, preprag • Safety at work and dangerous substances • Production of exemplary work pieces • Repair of sandwich work piece (grinding, removal of damage, insert) The syllabus can be adapted to customers' demands.

Course Dates

Course Dates

BO 105		
Engine Allison 250-C20B	EN-RR-6/11	27 Jun – 01 Jul
B1 Type Training	MC-105-7/11	04 Jul – 29 Jul
B2 Type Training	AV-105-1/11	31 Jan – 18 Feb

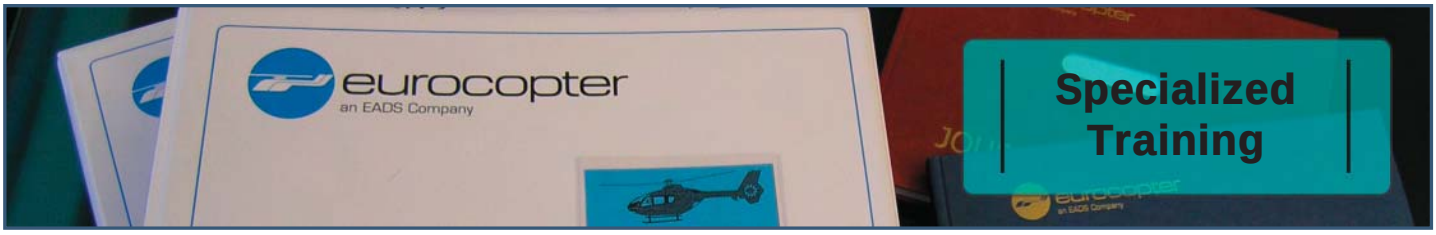
BK 117		
Engine Lycomming LTS 101	EN-LTS-3/11	21 Mar – 25 Mar
B1 Type Training	MC-117-3/11	28 Mar – 21 Apr
B2 Type Training		on request

EC 145		
B1 Type Training	MC-145-2/11	14 Feb – 11 Mar
	MC-145-4/11	26 Apr – 20 May
	MC-145-8/11	29 Aug – 23 Sep
		on request
B2 Type Training	AV-145-1/11	31 Jan – 25 Feb
	AV-145-5/11	02 May – 27 May
	AV-145-9/11	19 Sep – 14 Oct
		on request
System Familiarization	SF-145-10/11	17 Oct – 21 Oct
Refresher Course		on request

EC 135		
B1 Type Training	MC-135-1/11	24 Jan – 18 Feb
	MC-135-3/11	21 Mar – 15 Apr
	MC-135-5/11	02 May – 27 May
	MC-135-8/11	22 Aug – 16 Sep
	MC-135-9/11	19 Sep – 14 Oct
	MC-135-10/11	17 Oct – 11 Nov (D)
	MC-135-11/11	21 Nov – 16 Dec
		on request
B2 Type Training	AV-135-2/11	14 Feb – 11 Mar
	AV-135-5/11	09 May – 07 Jun
	AV-135-7/11	04 Jul – 29 Jul
	AV-135-9/11	26 Sep – 21 Oct
	AV-135-11/11	07 Nov – 02 Dec
		on request
System Familiarization	SF-135-3/11	28 Mar – 01 Apr
	SF-135-10/11	24 Oct – 28 Oct
Refresher Course		on request

Specialized Training		
Logistic Course	Logistics-2/11	21 Feb
	Logistics-10/11	17 Oct
Inspections, Legislation, Aircraft Documentation and Historical Records (Guideline)	Guideline-2/11	22 Feb – 23 Feb
	Guideline-10/11	18 Oct – 19 Oct

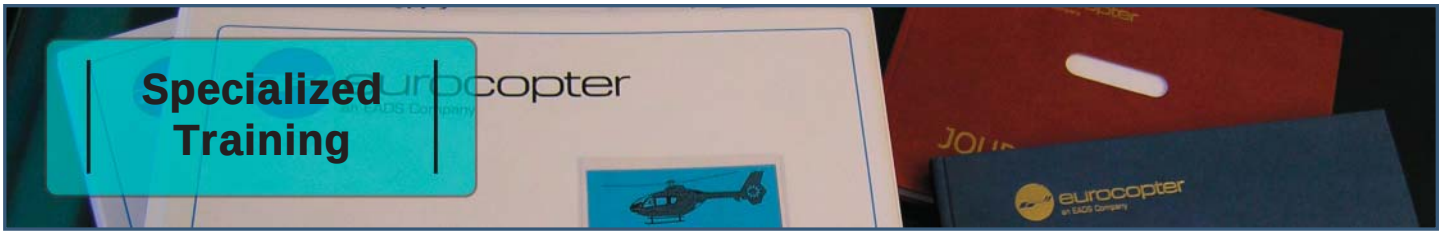
Notes:



Specialized Training

On the following pages you find courses dedicated to planning and operational staff.

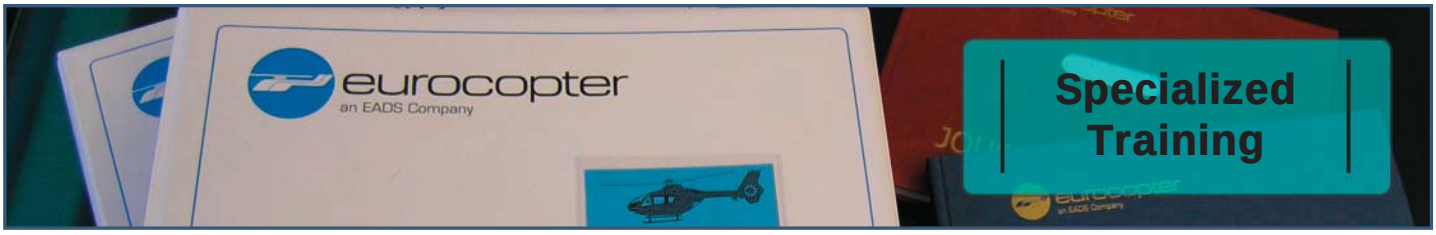
Course language is English. But fundamentally for all courses a real-time translation provided by an experienced team of interpreters can be offered, please don't hesitate to ask for details.



Inspections, Legislation, Aircraft Documentation and Historical Records (Guideline)

Introduction Guidelines for the operation of Eurocopter Helicopters

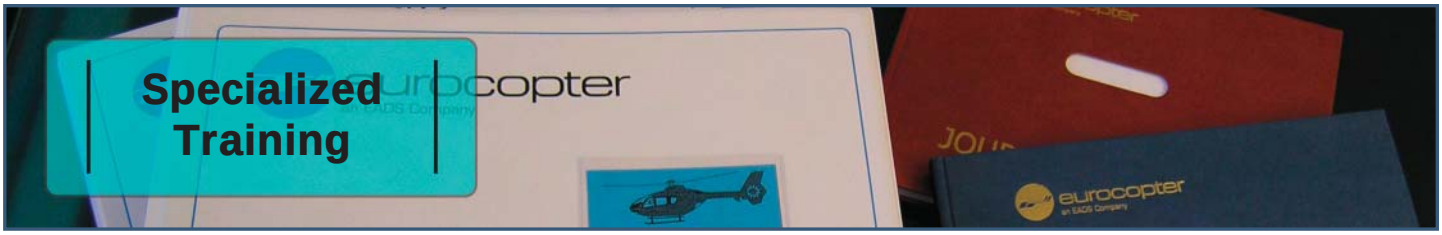
Course Length	2 days of theoretical instruction
Target Group	Operators, inspectors, planning and audit personnel, aircraft technicians
Description	This course provides an introduction for the correct accomplishment and planning of maintenance actions and inspections as well as guidelines for the correct use of aircraft documentation.
Note	**This course is highly recommended by Eurocopter** for all customers who have no long term experience with Aircraft documentation and Historical Records of BO105, BK117, EC145 and EC135. Course dates can be found at the list “course dates” in the technician training chapter.
Prerequisites	none
Contents	This course comprises theoretical instruction as well as a lot of examples and exercises. In addition the technical support is updating the participants helping them to prevent the most common mistakes. The course will cover the following topics: • Eurocopter maintenance concept • Eurocopter maintenance and repair procedures • scheduled and non-scheduled inspections • planning of inspections • use of official documentation • incorporation of service bulletins and alert service bulletins • fill in instructions for aircraft documentation (inventory list, log cards, log book) and historical records • legislation



Logistic Course (LC)

Helicopter Types	BO 105, BK 117, EC 145, EC 135
Course length	1 day of theoretical instruction
Description	This course provides an overview of the Eurocopter logistic system and procedures.
Target Group	Operators and planning personnel

Contents	The course covers the following elements
	• General organization of Eurocopter material & logistics support
	• Material Planning & Logistics Field Rep (LFR)
	• Spare parts
	  o General Conditions Of Sale
	  o Offers
	  o Order types (Routine, Rush, AOG)
	  o Warranty
	  o PbH
	  o Order process and order forms
	  o Customer specific procedures (T12/T24)
	• Spares and Keycopter
	• Customer Relationship Managements (claims)
	• Transport
	  o INCOTERMS
	  o Dangerous Goods
	  o Transport solutions
	• Key Performance Indicators
	• Other Services
	
	The syllabus can be adapted to customers' demands.



Notes:

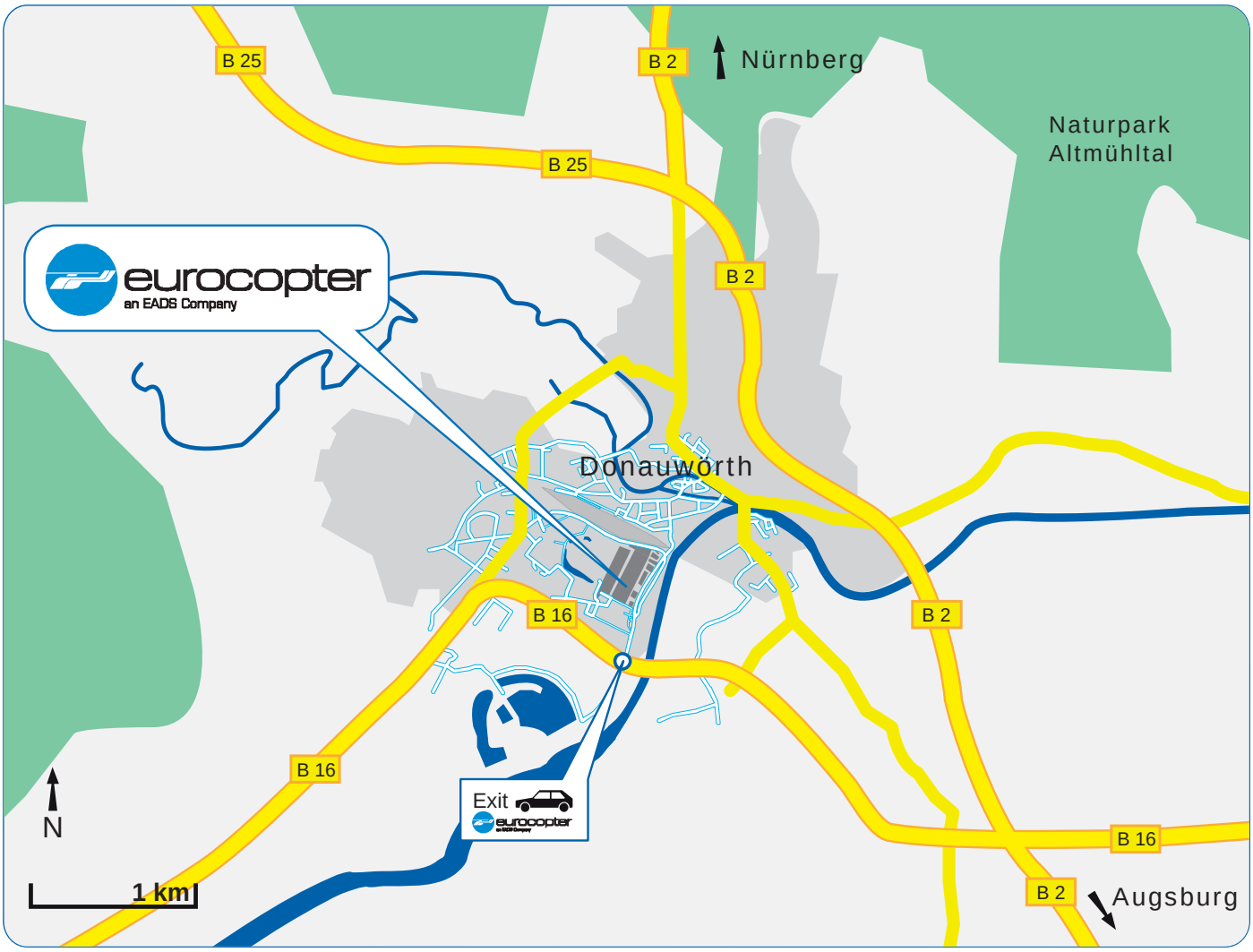
Appendix
Maps

How to find ECD - Training Academy

Overview Map

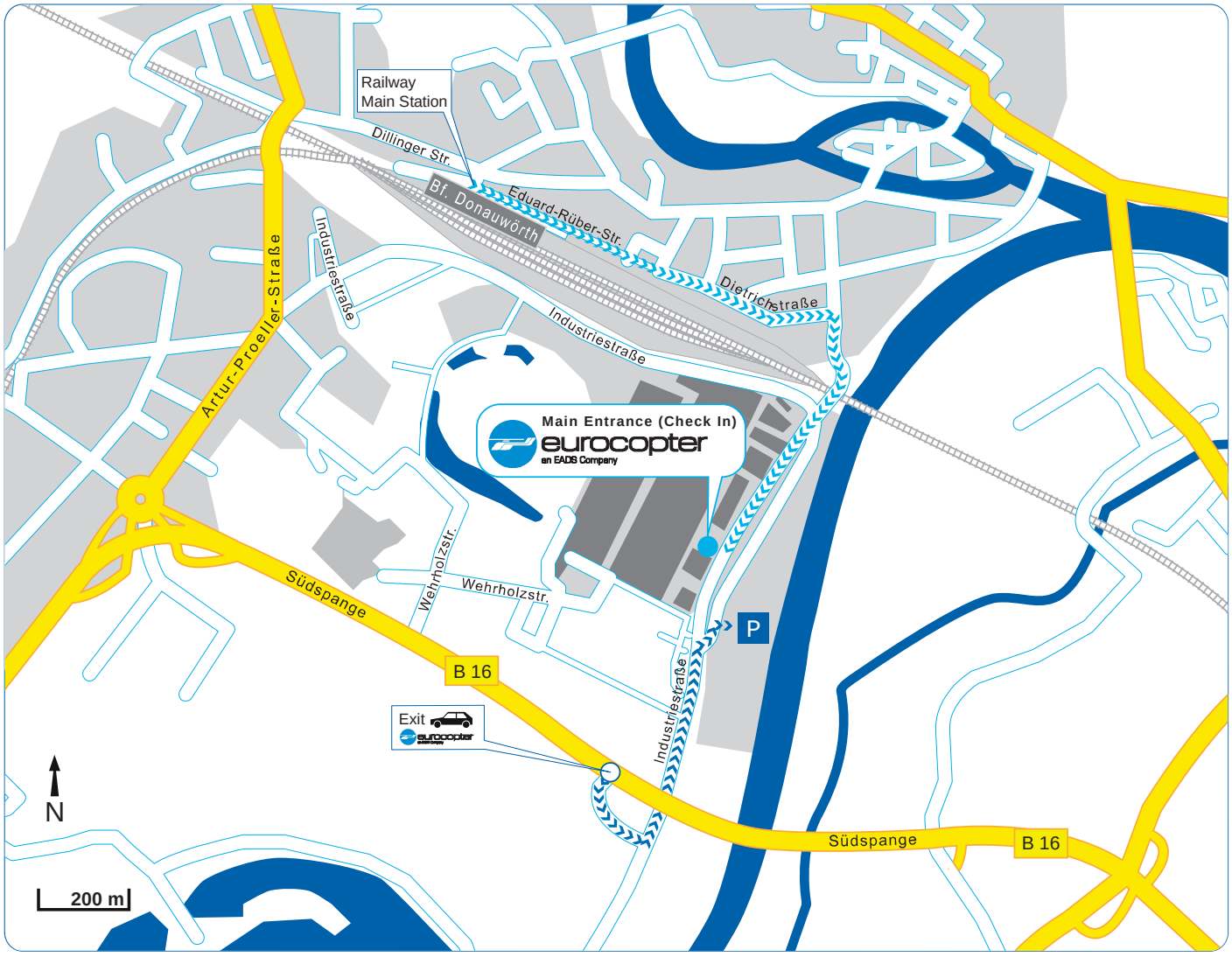
Appendix
Maps

Region Map Donauwörth

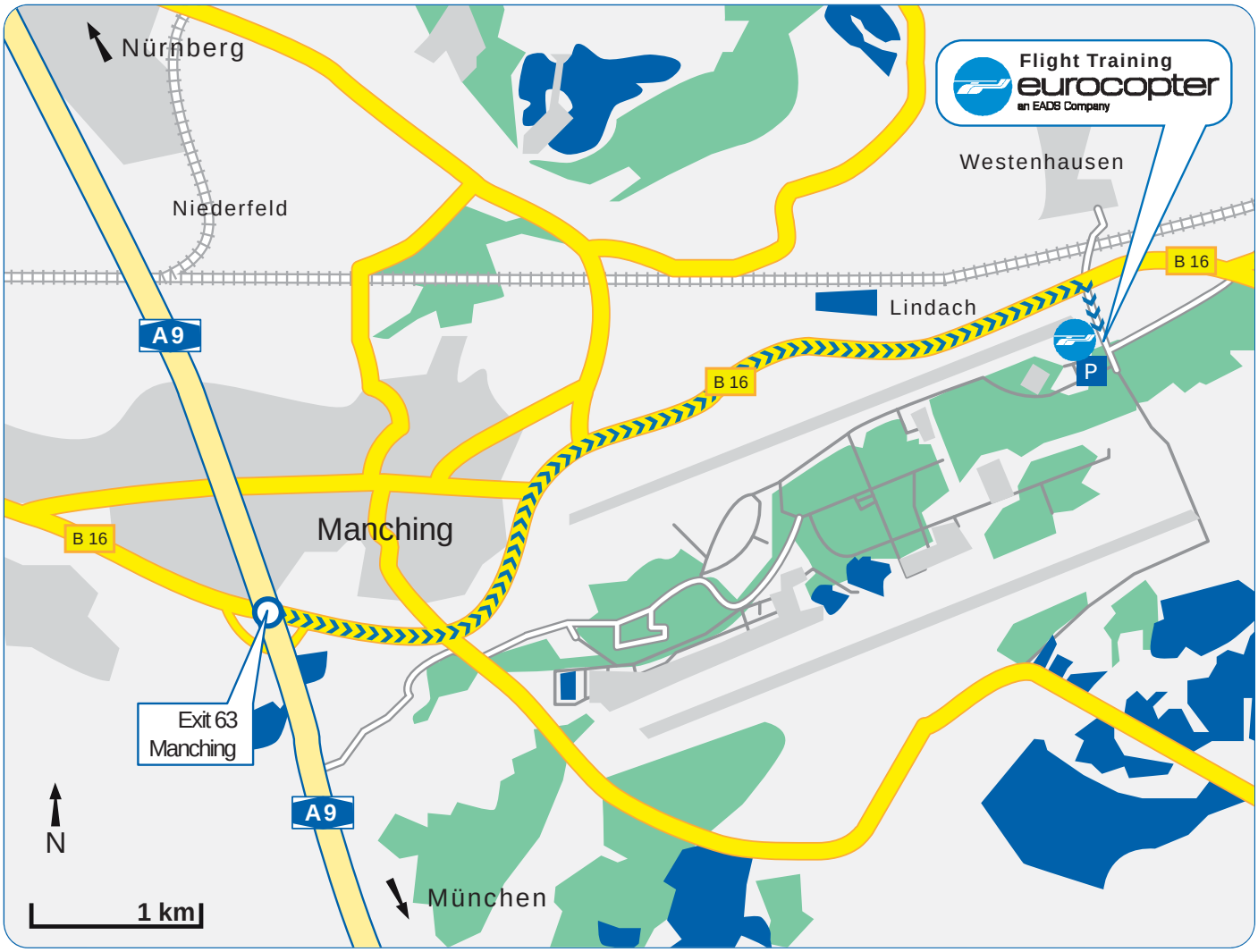


Appendix Maps

Detail Map Donauwörth



Detail Map Manching



→ From A9 Exit Manching, follow B16 direction Regensburg.

→ Do **not** follow the sign for Flugplatz and EADS. The Airport will be to your right.

→ Just behind the Airport, you'll see a sign " ZIVIL".
Turn right there and at the end of the road you'll find a big parking lot and the eurocopter building.

Eurocopter Deutschland
Zur General Aviation 3
85077 Manching

Appendix Maps

Notes:

Completion Information

For completing the forms and sending it to the Training Academy you have several possibilties you can choose. These options include:

- Complete the form directly within Acrobat Reader and print it **or**
- Print the form and complete it with typewriter or in block letters

Send the completed and signed forms together with the requested additional documents (see check list below) to the following mail address or fax it to the following fax number:

Mail Address

Eurocopter Deutschland GmbH
Department ESDO - Training Academy
D-86607 Donauwörth

Fax Number

Telefax: 0049 - 906 - 71 - 44 99

Please remember to send us additionally a passport size photo via mail or email to facilitate the inprocessing procedure at your arrival.

Email Address

trainingacademy@eurocopter.com

Registration Check List:

Pilot Training

- "Registration Form" – Appendix A
- "Pilot's Questionnaire" – Appendix B
- Up-to-date passport size photo
- Copy of pilot's licence
- Copy of valid medical

Aircraft Technician Training

- "Registration Form" – Appendix A
- "Technician's Questionnaire" – Appendix C
- Up-to-date passport size photo

Other Training

- "Registration Form" – Appendix A
- Up-to-date passport size photo

Note: For any additional course or registration information, please consult the Training Academy **Course Catalogue 2011** or contact the Training Academy.

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Appendix Form A

Registration Form (1/2)

Pilot: ☐ **Technician:** ☐ **Other:** ☐

Requested Training

	Course No.:	Course dates:	
1.		from:	to:
2.		from:	to:

All training will be conducted in English language. Please indicate if you require an interpreter:

☐ The Training Academy is to provide an interpreter.

Please note that for pilot training the course length may be extended accordingly.

Invoice address: _____

_____

_____

_____

Note: If you received this registration form via a EUROCOPTER subsidiary/ agent just put in their address.

Family Name: _____ First name: _____

Date of birth: _____ Place of birth: _____

Nationality: _____ Function/Rank: _____

Home address: _____

Telephone: _____ Telefax: _____

Email: _____

Employer's name and address: _____

Telephone: _____ Telefax: _____

Email: _____

Registration Form (2/2)

SECURITY REGULATIONS

As per Eurocopter Deutschland's policy in terms of security regulations, you are kindly requested to observe the following:

- Badges must be carried at all times.
- Cameras are not allowed within the premises at any time.
- Please declare PC, notebook, mobile-phone with camera at the main entrance.
- Access is only allowed to the facilities directly related to the training courses.

IMPORTANT INFORMATION

As a courtesy to your fellow course participants and to the instructing personnel please make sure to arrive in time for the beginning of all course stages.

Please also note, that absence from classes or flight training may result either in additional cost, the prolongation of the course, or in the complete cancellation of it.

If you participate in a practical training please take your working clothes (incl. appropriate shoes) with you.

Date, Signature: _____

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Appendix Form B

Pilot's Questionnaire (1/2)

YOUR PERSONAL DATA:

Family Name: _____ First name: _____

Date of birth: _____ Place of birth: _____

EXPERIENCE ON HELICOPTERS:

Licence type: _____ Issued by: _____

Licence number: _____ Validity: _____

Last medical: _____ Validity: _____

Flight hours (last 12 months): _____ Total flight hours: _____

Current ECD type ratings, variant and cockpit (FCDS / AFCS):

_____

Other type ratings: _____

Instructor rating? ☐ Yes ☐ No IFR-rating? ☐ Yes ☐ No

Other ratings: _____

FIXED WING EXPERIENCE (if any):

_____

REMARKS:

Remarks: _____

Important Information:	• Pilots to be trained must be graduated helicopter pilots holding a valid helicopter pilot licence. • For enrolment please attach a copy of your licence and medical when returning the pilot's questionnaire. • Please present your original license and a passport or ID card to the Training Academy at the beginning of the course.

Appendix Form B

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Pilot's Questionnaire (2/2)

Requested Pilot Training – please tick:

	BO 105	EC 135	BK 117 A – C1	EC 145
Type Rating Course VFR (TR)				
Ground Run & Functional Check Flight				
Refresher Course (RCP) (1)				
Type Rating Instructor,TRI (H) and Type Extension				
CAT.A Training (CAT.A)				
Type Rating IR (IFR)				
Instrument Rating (IR (H))				
External Hoist (EHP)				
External Load Hook (LHP)				
High Landing Skid (HLS)				
Night Flight (NFP)				
Helicopter Differences Training (2)				
GPS Training (3)				
NVG Training				
FLIR Training (4)				
Synthetic Flight Instructor Training (SFI)				
Emergency Refresher Training				

(1) specify refresher: _____

(2) specify known variant and variant to be trained: _____

(3) specify GPS equipment: _____

(4) specify level: _____

Date, Signature: _____

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Appendix Form C

Technicians's Questionnaire (1/1)

YOUR PERSONAL DATA:

Family Name: _____ First name: _____

Date of birth: _____ Place of birth: _____

EXPERIENCE ON HELICOPTERS:

Helicopter type: _____

_____

Inspector? ☐ Yes ☐ No

FIXED WING EXPERIENCE (if any):

Aircraft type: _____

REMARKS:

Remarks: _____

_____

Date, Signature: _____

Notes:

Training Academy

Civil range training courses for:

EUROCOPTER DEUTSCHLAND GmbH
Training Academy

Industriestraße 4
86607 Donauwörth

Phone: +49 906 714481
Fax: +49 906 714499
Email: trainingacademy@eurocopter.com
Web: www.eurocopter.com/trainingacademy

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