

AIRFRANCE /
INDUSTRIES

KLM
Engineering &
Maintenance

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Adaptive Technical Training Services

Quality training
to suit your needs





Quality training, tailored to suit your needs

AFI KLM E&M provides a global training offer, combining resources from its centres in Paris and Amsterdam with those of its subsidiaries and partners: "HOP!-TRAINING by ICARE", KLM UK Engineering (Technical College) and AFMAé (Training Association for Aeronautical Professions).

Adaptiveness® through a vast range of "à la carte" services and products

Thanks to the respective expertise of our training centres, the AFI KLM E&M training offering extends from Part 66 (Basic) to Part 147 maintenance training in accordance with EASA regulations and from regional aircraft types to narrow- and wide-body Airbus and Boeing, including latest-generation aircraft types (A380, Boeing 777, 787).

AFI KLM E&M also provides a large variety of specialised courses to support your success.

Adaptiveness® is an imperative in our training offering to enable us to meet your training needs and help you create a sustainable future for your company. As we are focused on satisfying the aircraft maintenance expectations of airlines, we can develop tailored and personalized programs for you and deliver them on your premises.

Of course we can schedule courses as listed for full classes but we can also provide sit-in seats in already scheduled courses.

High value-added technical training

AFI KLM E&M's training centres are EASA Part 147 approved maintenance training organisations, authorised to provide training, to conduct examinations listed in the Terms of Approval and to issue related certificates of recognition to aircraft maintenance staff.

We guarantee quality training programs providing excellent results at competitive prices, designed to achieve an optimal balance between theory and practice and delivered by highly skilled instructors.

The AIR FRANCE KLM Group is in a strong position to offer aircraft availability for practical training with a combined fleet of about 400 narrow- and wide-body Airbus and Boeing's and 200 regional aircraft.

We offer effective training solutions using diverse training methods including classroom teaching, WBT (Web Based Training), fixed base simulators, CBT, as well as practical courses with hands-on training and direct access to operating aircraft and FFS.

In addition, HOP!-TRAINING by ICARE has developed a virtual aircraft currently used for the Boeing 787 courses delivered by AFI KLM E&M. This tool offers a high pedagogical value to carry out practical parts of type rating courses for Pilots, Cabin Crew and Engineers, in accordance with airlines and MRO expectations.

Solutions: A Global Training Offer



Basic maintenance training:

- **KLM UK Engineering Technical College**, located in Norwich, offers EASA Part 66 Category A and B1.1 basic training.

We deliver a Foundation Degree in Aircraft Engineering, in conjunction with Kingston University London. In this programme, Ab Initio students complete both an academic degree and EASA B1.1 training. We also offer EASA Part 66 Cat A and B1.1 basic training as a structured self-study programme, with instructor support, as well as Part 66 conversion courses for engineers wishing to remove restrictions 1 and 9 from their licences.

- **AFMAé**, located in Paris, offers EASA Part 66 Category A, B1.1 and B2 basic training, as well as conversion courses between sub-categories.

Aircraft Maintenance Type Training:

Our type training (see our capabilities on the rear page) consists of theoretical and practical courses according to EASA Part 66 / 147.

It develops your knowledge and skills for work on the aircraft fuselage, engines and systems. We train you to a high degree of expertise so that you can quickly and effectively carry out all scheduled or unscheduled maintenance work.

We are able to capitalise on our operational experience and in-depth knowledge of a large variety of aircraft types and engines to feed into and support our courses.

Specialised Training:

Our vast range of specialised training includes:

- Refresher, Continuation courses
- Engine Run Up
- OJT, HOT
- Human Factors
- Fuel Tank Safety
- EASA Regulations
- Boeing 787 structure and cabin maintenance / repair
- General familiarisation
- Borescope inspection
- E.W.I.S. (groups 1-8)
- Technical Aviation English

Consulting Services

AFI KLM E&M Training advises and supports aviation companies, maintenance and training organisations. Our services include consulting in staff selection, skill-upgrading, setting up Part 66/147 basic and type rating training centres, organisational development, training needs analysis, safety and quality management.

Aircraft maintenance type training capabilities

NARROW AND WIDE BODY AIRBUS AND BOEING

CATEGORIES		B1	B2	B1 + B2	C
AIRBUS	■ A318/A319/A320/A321 (CFM56)	■	■	■	■
	■ A319/A320/A321 (IAE V2500)	■		■	■
	■ A330 (GE CF6) (PW4000) (RR Trent)	■	■	■	■
	■ A340 (CFM 56)	■	■	■	■
	■ A350 (RR XWB)			■	■
	■ A380 (EA GP 7200)	■	■	■	■
	■ A380 (RR RB 211 Trent 900)	■		■	■
BOEING	■ 737-300/400/500 (CFM56)	■	■		■
	■ 737-600/700/800/900 (CFM56)	■	■		■
	■ 747-400 (GE CF6) (PW400) (RR RB211)	■	■		■
	■ 777-200/300 (GE90) (PW 4000) (RR RB211)	■	■	■ (GE90)	■
MD	■ 787-8/-9 (GE GENx) (RR RB 211 Trent 1000)	■	■	■	■
MD	■ MD 11 (GE CF6) (PW4000)	■	■		■
DIFFERENCE COURSES	■ A319/320/321 (IAE V2500) to A318/319/320/321 (CFM56)	■		■	
	■ A318/319/320/321 (CFM56) to A319/320/321 (IAE V2500)	■		■	
	■ A318/A319/A320/A321 (CFM56) or A319/A320/A321 (IAE V2500) to A330 (GE CF6)	■		■	
	■ A318/A319/A320/A321 (CFM56) or A319/A320/A321 (IAE V2500) to A340 (CFM56)	■		■	
	■ A330 (GE CF6) to A340 (CFM56)	■	■	■	
	■ A330 (GE CF6) or A340 (CFM56) to A319/A320/A321 (IAE V2500)	■		■	
	■ A330 (GE CF6) or A340 (CFM56) to A318/A319/A320/A321 (CFM56)	■		■	
	■ A340 (CFM56) to A330 (GE CF6)	■	■	■	
ENGINES & INTERFACES	■ A380 (EA GP7200) to A380 (RR RB 211 Trent 900)	■		■	
	■ A380 (RR RB 211 Trent 900) to A380 (EA GP7200)	■	■	■	
	■ 737-300/400/500 (CFM 56) to 737-600/700/800/900 (CFM 56)	■			
	■ 777 (GE90) to 777 (PW 4000)	■	■	■	
	■ A330 (GE CF6) (PW4000) (RR Trent)	■	■ (CF6)	■ (CF6)	
	■ 737-300/400/500 (CFM56)	■			
	■ 747-400 (GE CF6) (PW 4000) (RR RB211)	■			
	■ 777-200/300 (GE90) (PW 4000) (RR RB211)	■			
MD	■ MD 11 (GE CF6) (PW4000)	■			

The content of our type training courses meets PART 66/147 requirements.

European regulations define categories of certifying staff with their own designation, providing a readily understandable indication of their job function. These designations are:

- Category B1 (T1):** Maintenance certifying technician – mechanical
- Category B2 (T2):** Maintenance certifying technician – avionics
- Category C (T4):** Base maintenance certifying engineer

REGIONAL AIRCRAFT TYPE RATING CAPABILITIES

CATEGORIES		B1	B2	B1 + B2	C
BOMBARDIER	■ CRJ 100/200	■	■	■	■
	■ CRJ 700/705/900/1000	■	■	■	
	■ CRJ 100/200 to CRJ 700/705/900/1000 Difference course	■			
	■ CRJ 700 to CRJ 705/900 Difference course			■	
	■ CRJ 700/705/900 to CRJ 1000 Difference course			■	
ATR	■ 42-400/500/72-212A (PWC PW120)	■	■		
	■ 42-200/300 series (PWC PW120)	■			
	■ 72-100/200 series (PWC PW120)	■			
	■ 42-400/500/72-212A (PWC PW120) to 42-200/300 series (PWC PW120) Difference course	■			
	■ 42-400/500/72-212A (PWC PW120) to 72-100/200 series (PWC PW120) Difference course	■			
	■ 42-400/500/72-212A (PWC PW120) to 72-600	■	■		
BAE146	■ BAe 146 (ALF502)	■	■	■	
	■ Avro RJ85 (ALF500 Series)	■			
	■ BAe146 (ALF502) to Avro RJ (LF507) Difference course	■			
EMBRAER	■ EMB 135-145 (RR Corp AE 3700A)	■	■		
	■ EMB 135-145 (RR Corp AE 3700A) B1 to B2 Difference course		■		
	■ ERJ 170-190 (GE CF 34)	■			

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