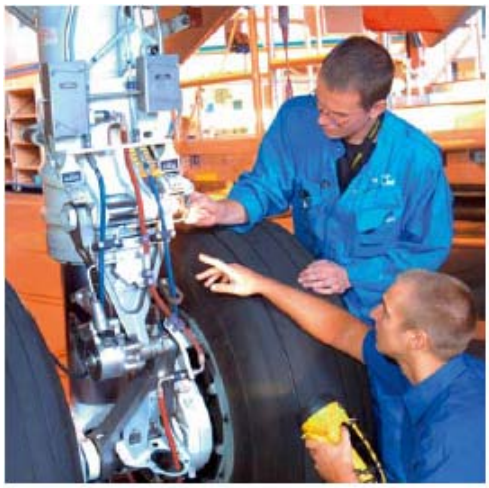
KLM Engineering & Maintenance

Course Catalog 2012



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Training E&M

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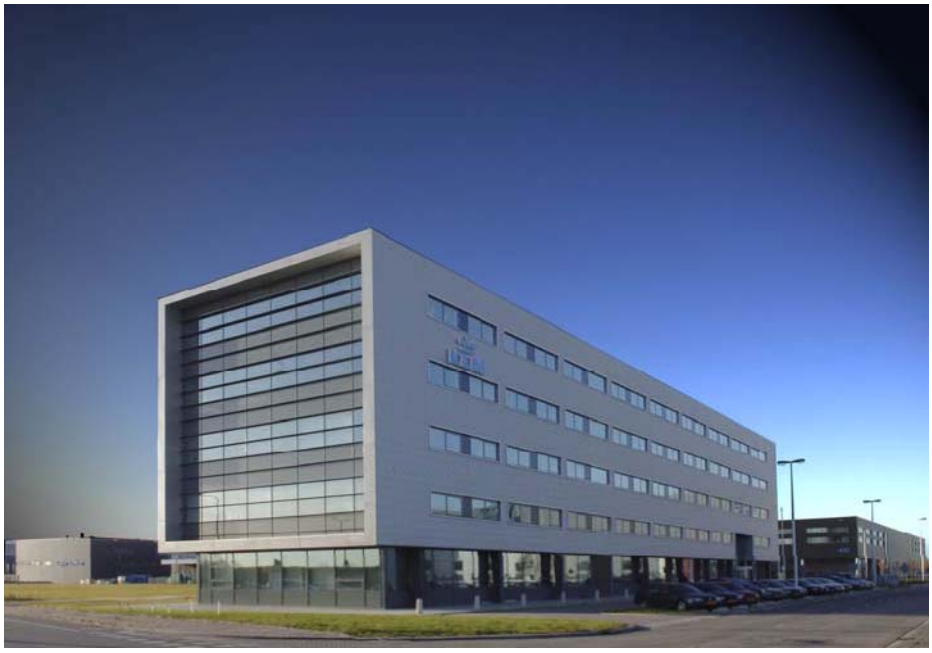

KLM engineering & maintenance provides effective technical training programs for a large variety of aircraft types and engines. With over 50 years of training experience, KLM engineering & maintenance guarantees quality throughout its training programs, which are designed to achieve an optimal balance between theory and practice. As an EASA Part-147 approved maintenance-training organisation, we are approved to provide training and conduct examinations listed in the Terms of Approval and to issue related certificates of recognition to aircraft maintenance personnell. Our experienced and skilled staff would be happy to assist you with your training requests and offer you high-quality solutions.

Top-quality training at competitive cost levels

Our well-established operational background provides us with extensive knowledge of aircraft and engine technology. In providing technical training, we focus on guaranteeing quality at competitive cost levels. Our highly effective training methods are based on a strong operational background. Reliable high-quality training services and strict regulatory compliance are assured.

- Located at Schiphol; Convenient worldwide connections are guaranteed and hotel accommodation is available at the airport.
- Supported by own MRO organization; Continuous feedback and knowledge transfer, enable us to constantly improve our training programs.
- Employs a highly qualified group of instructors with an operational background who understand how to translate training programs into inspiring and effective events for your staff.
- We can schedule courses as listed for full classes, but we can also provide sit-in seats in already scheduled courses. Please contact us to confirm availability.
- If you wish to train people at your own location, we would be happy to assist.

Joint efforts for better results

Our dedicated staff would be happy to provide you with:

- more detailed information concerning technical training;
- information concerning the availability of training and sit-in seats;
- clear price and delivery proposals
- tailor-made training solutions.

Contents

Airbus A330

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) I**
Aircraft**:**	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat A Aircraft Maintenance License holders.
Duration:	6 days theory 4 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 49 Auxilary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) II**
Aircraft:	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders.
Duration:	3 days theory 2 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

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ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1)**
Aircraft:	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	30 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing

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ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – avionic (EASA Part-66 Cat B2)**
Aircraft:	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	Issue certificates of release to service following line maintenance on avionic and electrical systems.
Participants:	Cat B2 Aircraft Maintenance License holders.
Duration:	20 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection

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ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
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ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 72 Engine
ATA 73 Engine Fuel & Control
ATA 77 Engine Indication

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician combi course – mechanical and avionic (EASA Part-66 Cat B1/B2)**
Aircraft:	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant, mechanical, electrical and avionic systems.
Participants:	Cat. B1 and/or Cat. B2 Aircraft Maintenance License holders.
Duration:	35 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing

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ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Base Maintenance Certifying Engineer (EASA Part-66 Cat C)**
Aircraft:	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	Issue certificates of release to service following base maintenance.
Participants:	Cat B1 and B2 Aircraft Maintenance License holders; or: Holding an academic degree in a technical discipline with experience in a civil aircraft maintenance environment.
Duration:	5 days
Objectives:	Identify safety precautions. Identify maintenance practices. Define the general layout of major systems. Location information on engine specifications. Identify special tooling and test equipment.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1) – Limited to engine and interfaces**
Aircraft:	**Airbus A330 – RR Trent 700**
Engine:	**GE CF6 – PW4000**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders with type rating on the specific airframe.
Duration:	4 days theory 1 day practical training
Objectives:	Recall the safety precautions. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform engine functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the engine.
Contents:	ATA 70-80 Powerplant
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Engine Test Run**
Aircraft:	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	Perform engine test run according to the applicable procedures.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	1 day theory 2 days flight simulator training
Objectives:	Perform operational tests on engines and aircraft systems. Trouble shoot engine faults. Apply normal and abnormal procedures. Engine calculations as required by the applicable tests. Communicate by VHF with airport authorities in accordance with the standard procedures. Apply emergency procedures.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 2.

Course title:	**General Familiarisation**
Aircraft:	**Airbus A330**
Engine:	**GE CF6 – PW4000 – RR Trent 700**
Purpose:	General knowledge of the layout of major aircraft systems and their components.
Participants:	Aircraft Maintenance personnel.
Duration:	3 days theory
Objectives:	Define the general layout of systems. Identify the location of principle components. Explain the normal functioning of systems.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Aircraft Maintenance Mechanic**
Aircraft:	**Airbus A330**
Engine:	**GE CF6**
Purpose:	Perform maintenance tasks on aircraft structure, powerplant, mechanical, avionic and electrical systems.
Participants:	Completed basic aircraft maintenance course.
Duration:	15 days (10 days theory and 5 days practical training)
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Locate procedures for the replacement of components. Identify and use of appropriate documentation. Describe procedures for the replacement of components unique to the aircraft type. Practical skills to open & close panels, remove/install, clean and lubricate components, service systems, operate systems and repair of aircraft parts not being LRU's.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

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Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 8.

Boeing 737-300/400/500

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) I**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat A Aircraft Maintenance License holders.
Duration:	6 days theory 4 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

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ATA 49 Auxilary Power Unit
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Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) II**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders.
Duration:	3 days theory 2 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

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ATA 49 Auxilary Power Unit
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Pre-flight Inspection Items
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Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1)**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	30 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
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ATA 30 Ice & Rain Protection
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ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – avionic (EASA Part-66 Cat B2)**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following line maintenance on avionic and electrical systems.
Participants:	Cat B2 Aircraft Maintenance License holders.
Duration:	20 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection

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ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 72 Engine
ATA 73 Engine Fuel & Control
ATA 77 Engine Indication

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Base Maintenance Certifying Engineer (EASA Part-66 Cat C)**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following base maintenance.
Participants:	Cat B1 and B2 Aircraft Maintenance License holders; or: Holding an academic degree in a technical discipline with experience in a civil aircraft maintenance environment.
Duration:	5 days
Objectives:	Identify safety precautions. Identify maintenance practices. Define the general layout of major systems. Location information on engine specifications. Identify special tooling and test equipment.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Engine Test Run**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	Perform engine test run according to the applicable procedures.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	1 day theory 2 days flight simulator training
Objectives:	Perform operational tests on engines and aircraft systems. Trouble shoot engine faults. Apply normal and abnormal procedures. Engine calculations as required by the applicable tests. Communicate by VHF with airport authorities in accordance with the standard procedures. Apply emergency procedures.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 2.

Course title:	**General Familiarisation**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	General knowledge of the layout of major aircraft systems and their components.
Participants:	Aircraft Maintenance personnel.
Duration:	5 days theory
Objectives:	Define the general layout of systems. Identify the location of principle components. Explain the normal functioning of systems.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Aircraft Maintenance Mechanic**
Aircraft:	**Boeing 737-300/400/500**
Engine:	**CFM56**
Purpose:	Perform maintenance tasks on aircraft structure, powerplant, mechanical, avionic and electrical systems.
Participants:	Completed basic aircraft maintenance course.
Duration:	15 days (10 days theory and 5 days practical training)
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Locate procedures for the replacement of components. Identify and use of appropriate documentation. Describe procedures for the replacement of components unique to the aircraft type. Practical skills to open & close panels, remove/install, clean and lubricate components, service systems, operate systems and repair of aircraft parts not being LRU's.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

	ATA 34 Navigation ATA 35 Oxygen ATA 36 Pneumatic System ATA 38 Water & Waste ATA 49 Auxiliary Power Unit ATA 52 Doors ATA 70-80 Powerplant
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Boeing 737-600/700/800/900

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) I**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat A Aircraft Maintenance License holders.
Duration:	6 days theory 4 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, poweravailability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

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ATA 49 Auxilary Power Unit
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ATA 70-80 Powerplant
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Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) II**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders.
Duration:	3 days theory 2 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
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Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66Cat A) III Differences course**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat A Aircraft Maintenance License holders with Boeing 737-300/400/500 type rating.
Duration:	1 days theory 2 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems

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ATA 49 Auxilary Power Unit
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Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1) I**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	30 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power

ATA 25 Equipment & Furnishing
ATA 26 Fire Protection
ATA 27 Flight Controls
ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1) II Differences course**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License holders with Boeing 737-300/400/500 type rating.
Duration:	15 days theory 7 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication

ATA 24 Electrical Power
ATA 25 Equipment & Furnishing
ATA 26 Fire Protection
ATA 27 Flight Controls
ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – avionic (EASA Part-66 Cat B2) I**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following line maintenance on avionic and electrical systems.
Participants:	Cat B2 Aircraft Maintenance License holders.
Duration:	20 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection

ATA 27 Flight Controls
ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 72 Engine
ATA 73 Engine Fuel & Control
ATA 77 Engine Indication

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Base Maintenance Certifying Engineer (EASA Part-66Cat C) I**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Issue certificates of release to service following base maintenance.
Participants:	Cat B1 and B2 Aircraft Maintenance License holders; or: Holding an academic degree in a technical discipline with experience in a civil aircraft maintenance environment.
Duration:	5 days
Objectives:	Identify safety precautions. Identify maintenance practices. Define the general layout of major systems. Location information on engine specifications. Identify special tooling and test equipment.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Engine Test Run**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Perform engine test run according to the applicable procedures.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	1 day theory 2 days flight simulator training
Objectives:	Perform operational tests on engines and aircraft systems. Trouble shoot engine faults. Apply normal and abnormal procedures. Engine calculations as required by the applicable tests. Communicate by VHF with airport authorities in accordance with the standard procedures. Apply emergency procedures.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 2.

Course title:	**General Familiarisation**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	General knowledge of the layout of major aircraft systems and their components.
Participants:	Aircraft Maintenance personnel.
Duration:	5 days theory
Objectives:	Define the general layout of systems. Identify the location of principle components. Explain the normal functioning of systems.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Aircraft Maintenance Mechanic**
Aircraft:	**Boeing 737-600/700/800/900**
Engine:	**CFM56**
Purpose:	Perform maintenance tasks on aircraft structure, powerplant, mechanical, avionic and electrical systems.
Participants:	Completed basic aircraft maintenance course.
Duration:	15 days (10 days theory and 5 days practical training)
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Locate procedures for the replacement of components. Identify and use of appropriate documentation. Describe procedures for the replacement of components unique to the aircraft type. Practical skills to open & close panels, remove/install, clean and lubricate components, service systems, operate systems and repair of aircraft parts not being LRU's.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

	ATA 34 Navigation ATA 35 Oxygen ATA 36 Pneumatic System ATA 38 Water & Waste ATA 49 Auxiliary Power Unit ATA 52 Doors ATA 70-80 Powerplant
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Boeing 747-400

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) I**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat A Aircraft Maintenance License holders.
Duration:	6 days theory 4 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On Board Maintenance Systems
ATA 49 Auxilary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) II**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders.
Duration:	3 days theory 2 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On Board Maintenance Systems
ATA 49 Auxilary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1)**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	30 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing

ATA 26 Fire Protection
ATA 27 Flight Controls
ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – avionic (EASA Part-66 Cat B2)**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	Issue certificates of release to service following line maintenance on avionic and electrical systems.
Participants:	Cat B2 Aircraft Maintenance License holders.
Duration:	20 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls

ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 72 Engine
ATA 73 Engine Fuel & Control
ATA 77 Engine Indication

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Base Maintenance Certifying Engineer (EASA Part-66 Cat C)**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	Issue certificates of release to service following base maintenance.
Participants:	Cat B1 and B2 Aircraft Maintenance License holders; or: Holding an academic degree in a technical discipline with experience in a civil aircraft maintenance environment.
Duration:	5 days
Objectives:	Identify safety precautions. Identify maintenance practices. Define the general layout of major systems. Location information on engine specifications. Identify special tooling and test equipment.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1) – Limited to engine and interfaces**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders with type rating on the specific airframe.
Duration:	4 days theory 1 day practical training
Objectives:	Recall the safety precautions. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform engine functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the engine.
Contents:	ATA 70-80 Powerplant
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Engine Test Run**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	Perform engine test run according to the applicable procedures.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	1 day theory 2 days flight simulator training
Objectives:	Perform operational tests on engines and aircraft systems. Trouble shoot engine faults. Apply normal and abnormal procedures. Engine calculations as required by the applicable tests. Communicate by VHF with airport authorities in accordance with the standard procedures. Apply emergency procedures.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 2.

Course title:	**General Familiarisation**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6 – PW4000 – RR RB211-524**
Purpose:	General knowledge of the layout of major aircraft systems and their components.
Participants:	Aircraft Maintenance personnel.
Duration:	5 days theory
Objectives:	Define the general layout of systems. Identify the location of principle components. Explain the normal functioning of systems.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Aircraft Maintenance Mechanic**
Aircraft:	**Boeing 747-400**
Engine:	**GE CF6**
Purpose:	Perform maintenance tasks on aircraft structure, powerplant, mechanical, avionic and electrical systems.
Participants:	Completed basic aircraft maintenance course.
Duration:	15 days (10 days theory and 5 days practical training)
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Locate procedures for the replacement of components. Identify and use of appropriate documentation. Describe procedures for the replacement of components unique to the aircraft type. Practical skills to open & close panels, remove/install, clean and lubricate components, service systems, operate systems and repair of aircraft parts not being LRU's.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Boeing 777-200/300ER

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) I**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat A Aircraft Maintenance License holders.
Duration:	6 days theory 4 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights ATA 34 Navigation ATA 35 Oxygen

ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 47 Inert Gas System
ATA 49 Auxilary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) II**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders.
Duration:	3 days theory 2 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights ATA 34 Navigation

ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 47 Inert Gas System
ATA 49 Auxilary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1)**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	37 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing

ATA 26 Fire Protection
ATA 27 Flight Controls
ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 47 Inert Gas System
ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – avionic (EASA Part-66 Cat B2)**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	Issue certificates of release to service following line maintenance on avionic and electrical systems.
Participants:	Cat B2 Aircraft Maintenance License holders.
Duration:	28 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls

ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 47 Inert Gas System
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 72 Engine
ATA 73 Engine Fuel & Control
ATA 77 Engine Indication

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Base Maintenance Certifying Engineer (EASA Part-66 Cat C)**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	Issue certificates of release to service following base maintenance.
Participants:	Cat B1 and B2 Aircraft Maintenance License holders; or: Holding an academic degree in a technical discipline with experience in a civil aircraft maintenance environment.
Duration:	5 days
Objectives:	Identify safety precautions. Identify maintenance practices. Define the general layout of major systems. Location information on engine specifications. Identify special tooling and test equipment.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1) – Limited to engine and interfaces**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders with type rating on the specific airframe.
Duration:	4 days theory 1 day practical training
Objectives:	Recall the safety precautions. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform engine functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the engine.
Contents:	ATA 70-80 Powerplant
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Engine Test Run**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	Perform engine test run according to the applicable procedures.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	1 day theory 2 days flight simulator training
Objectives:	Perform operational tests on engines and aircraft systems. Trouble shoot engine faults. Apply normal and abnormal procedures. Engine calculations as required by the applicable tests. Communicate by VHF with airport authorities in accordance with the standard procedures. Apply emergency procedures.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 2.

Course title:	**General Familiarisation**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90 – PW4000 – RR Trent 800**
Purpose:	General knowledge of the layout of major aircraft systems and their components.
Participants:	Aircraft Maintenance personnel.
Duration:	3 days theory
Objectives:	Define the general layout of systems. Identify the location of principle components. Explain the normal functioning of systems.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Aircraft Maintenance Mechanic**
Aircraft:	**Boeing 777-200/300ER**
Engine:	**GE90**
Purpose:	Perform maintenance tasks on aircraft structure, powerplant, mechanical, avionic and electrical systems.
Participants:	Completed basic aircraft maintenance course.
Duration:	15 days (10 days theory and 5 days practical training).
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Locate procedures for the replacement of components. Identify and use of appropriate documentation. Describe procedures for the replacement of components unique to the aircraft type. Practical skills to open & close panels, remove/install, clean and lubricate components, service systems, operate systems and repair of aircraft parts not being LRU's.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights ATA 34 Navigation

ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 46 Air Traffic & Information Management Systems
ATA 47 Inert Gas System
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 8.

Boeing McDonnel Douglas MD-11

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) I**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat A Aircraft Maintenance License holders.
Duration:	6 days theory 4 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxilary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Mechanic (EASA Part-66 Cat A) II**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	Issue certificates of release to service following minor scheduled line maintenance and simple defect rectification, as specified in Part-145.A.30(g).
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders.
Duration:	3 days theory 2 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxilary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant
Pre-flight Inspection Items
Daily / Overnight Inspection Items
Arrival / Departure Servicing List

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 6.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1)**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	35 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing

ATA 26 Fire Protection
ATA 27 Flight Controls
ATA 28 Fuel
ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 50 – 57 Structures
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – avionic (EASA Part-66 Cat B2)**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	Issue certificates of release to service following line maintenance on avionic and electrical systems.
Participants:	Cat B2 Aircraft Maintenance License holders.
Duration:	23 days theory 10 days practical training
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform system, engine, component and functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the aircraft type.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel

ATA 29 Hydraulics
ATA 30 Ice & Rain Protection
ATA 31 Indicating / Recording Systems
ATA 32 Landing Gear
ATA 33 Lights
ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 45 On-Board Maintenance Systems
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 72 Engine
ATA 73 Engine Fuel & Control
ATA 77 Engine Indication

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Course title:	**Base Maintenance Certifying Engineer (EASA Part-66 Cat C)**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	Issue certificates of release to service following base maintenance.
Participants:	Cat B1 and B2 Aircraft Maintenance License holders; or: Holding an academic degree in a technical discipline with experience in a civil aircraft maintenance environment.
Duration:	5 days
Objectives:	Identify safety precautions. Identify maintenance practices. Define the general layout of major systems. Location information on engine specifications. Identify special tooling and test equipment.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Line Maintenance Certifying Technician – mechanical (EASA Part-66 Cat B1) – Limited to engine and interfaces**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	Issue certificates of release to service following line maintenance, including aircraft structure, powerplant and mechanical and electrical systems. Replacement of avionic line replaceable units, requiring simple tests to prove their serviceability.
Participants:	Cat B1 Aircraft Maintenance License / Part-145 license holders with type rating on the specific airframe.
Duration:	4 days theory 1 day practical training
Objectives:	Recall the safety precautions. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Perform the procedures for flight servicing. Using crew report and/or on-board reporting systems, determine aircraft airworthiness per (M)MEL. Demonstrate proficiency in the use of on-board reporting systems (minor trouble shooting). Locate procedures for the replacement of components. Identify and use of appropriate documentation. Perform engine functional checks as specified in the AMM. Correlate information for the purpose of making decisions for fault diagnosis and rectification to AMM level. Describe procedures for the replacement of components unique to the engine.
Contents:	ATA 70-80 Powerplant
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Engine Test Run**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	Perform engine test run according to the applicable procedures.
Participants:	Cat B1 Aircraft Maintenance License holders.
Duration:	1 day theory 2 days flight simulator training
Objectives:	Perform operational tests on engines and aircraft systems. Trouble shoot engine faults. Apply normal and abnormal procedures. Engine calculations as required by the applicable tests. Communicate by VHF with airport authorities in accordance with the standard procedures. Apply emergency procedures.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 2.

Course title:	**General Familiarisation**
Aircraft:	**MD11**
Engine:	**GE CF6 – PW4000**
Purpose:	General knowledge of the layout of major aircraft systems and their components.
Participants:	Aircraft Maintenance personnel.
Duration:	5 days theory
Objectives:	Define the general layout of systems. Identify the location of principle components. Explain the normal functioning of systems.
Location:	Amsterdam or Customer location.
Remarks:	Maximum number of participants: 16.

Course title:	**Aircraft Maintenance Mechanic**
Aircraft:	**MD 11**
Engine:	**GE CF6**
Purpose:	Perform maintenance tasks on aircraft structure, powerplant, mechanical, avionic and electrical systems.
Participants:	Completed basic aircraft maintenance course.
Duration:	15 days (10 days theory and 5 days practical training)
Objectives:	Recall the safety precautions. Demonstrate knowledge of the main systems through flight activities of the aircraft. Describe system and aircraft handling; particular access, power availability and sources. Identify the location of the main components. Explain the normal function of major systems, including terminology and nomenclature. Locate procedures for the replacement of components. Identify and use of appropriate documentation. Describe procedures for the replacement of components unique to the aircraft type. Practical skills to open & close panels, remove/install, clean and lubricate components, service systems, operate systems and repair of aircraft parts not being LRU's.
Contents:	ATA 21 Air Conditioning ATA 22 Auto Flight ATA 23 Communication ATA 24 Electrical Power ATA 25 Equipment & Furnishing ATA 26 Fire Protection ATA 27 Flight Controls ATA 28 Fuel ATA 29 Hydraulics ATA 30 Ice & Rain Protection ATA 31 Indicating / Recording Systems ATA 32 Landing Gear ATA 33 Lights

ATA 34 Navigation
ATA 35 Oxygen
ATA 36 Pneumatic System
ATA 38 Water & Waste
ATA 49 Auxiliary Power Unit
ATA 52 Doors
ATA 70-80 Powerplant

Location: Amsterdam or Customer location.

Remarks: Maximum number of participants: 16.

Part 145

Course title	**ETOPS General Awareness**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To provide the student with an introduction to ETOPS background, requirements and procedures.
Participants	This course is intended for all personnel directly or indirectly involved in maintenance on ETOPS approved aircraft or components. This includes, for instance, Aircraft Maintenance Mechanics, Aircraft Maintenance Technicians, supervisory staff, material supply- or production planning personnel, NDT inspectors, oil servicing personnel.
Duration	0.5 day.
Objectives	At the end of the course the student has a general knowledge of the ETOPS background, requirements and procedures. After completion of the course the student: Can explain, in his own words, the importance of ETOPS Can explain, in his own words, the ETOPS operational approval process Is familiar with the ETOPS regulations Is familiar with the ETOPS Exposition Manual
Contents	This course consists of the following subjects: Introduction to ETOPS ETOPS flight examples ETOPS and the regulations ETOPS Operational Approval ETOPS Exposition Manual
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 16.

Course title	**ETOPS Briefing**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To allow non-certifying staff to obtain an authorization to perform maintenance tasks on systems/components.
Participants	Non-certifying staff
Duration	1 day
Objectives	At the end of the course the student has a general knowledge of the ETOPS background, requirements and procedures, applicable for Non-Certifying Staff. On completion of the course the student: can explain the importance of ETOPS can explain the ETOPS operational approval process is familiar with the ETOPS regulations is familiar with the ETOPS Exposition Manual
Contents*	This course consists of the following subjects: Introduction to ETOPS ETOPS flight examples ETOPS and the regulations The ETOPS Operational Approval Configuration Control Dispatch and Maintenance Requirements Maintenance Operating Restrictions Policy Significant Systems Oil Consumption Monitoring Program Reliability Program Engine Condition Monitoring Program (ECM) Resolution of Airplane Discrepancies Training Program Examination
Location	Amsterdam or Customer location.
Remarks	The maximum number of participants is 16.

* All relevant company ETOPS procedures and regulations to be supplied by the customer.

Course title	**ETOPS Course**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To allow Cat A or B certifying staff to obtain an authorization to perform maintenance tasks on systems/components.
Participants	Cat A and B certifying staff who have already completed the ETOPS General Awareness course.
Duration	1 day.
Objectives	At the end of the course the student has a general knowledge of the ETOPS background, requirements and procedures, applicable for Certifying Staff. On completion of the course, the student: can explain the importance of ETOPS can explain the ETOPS operational approval process is familiar with the ETOPS regulations is familiar with the ETOPS Exposition Manual is able to correlate information for the purpose of making decisions.
Contents*	This course consists of the following subjects: Configuration Control Dispatch and Maintenance Requirements Maintenance Operating Restrictions Policy Significant Systems Oil Consumption Monitoring Program Reliability Program Engine Condition Monitoring Program (ECM) Resolution of Airplane Discrepancies Training Program Examination
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 16.

* All relevant company ETOPS procedures and regulations to be supplied by the customer.

Course title	**e-ATL for Maintenance Crew**
Aircraft	**B777**
Engine	**Not Applicable**
Purpose	After completion of the training the student is able to use the e-ATL facility
Participants	All personnel authorised to make entries in the ATL.
Duration	2 hours
Objectives	On completion of the course, the student can: Explain the purpose of the e-ATL facility. Explain the purpose and general layout of E-enabled features of a Boeing 777 Use The EFB based e-ATL facility correctly and in conjunction with current company instructions. Use the E-ATL facility correctly and in conjunction with current company instructions.* Explain the electronic sign off authorization process regarding e-ATL.* Use Back-Up Procedure(s) correctly and in conjunction with current Instructions.* Find and explain particular Instructions for use of the normal and Back-Up Procedure for SPL and Line Stations.*
Contents	Aircraft Datalink Infrastucture User Interfaces Electronic Signature Process Fallback Procedures* Reference to applicable procedures for Homebase and Line stations*
Location	Amsterdam or Customer location.
Remarks	The maximum number of participants is 16. * All relevant company procedures and instructions to be supplied by the customer.

Course title	**Flight Deck Cleaning**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To acquire the knowledge necessary for cleaning a flight deck in accordance with relevant regulations.
Participants	Aircraft mechanics, cabin services mechanics, dedicated cleaning personnel.
Duration	1 day.
Objectives	On completion of the course, the student: Is capable of cleaning the flight deck in accordance with relevant procedures. Understands the necessity for personal protection. Can work safely with aggressive cleaning agents, with regard to both personal, and environmental safety.
Contents	Flightdeck Cleaning. Protective clothing,cremes and lotions. Working safely when using aggressive cleaning agents.
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 8. Cockpit access is necessary for the duration of the course.

Course title	**Borescope General**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To prepare the student for performing borescope inspections according to AMM, for base and line maintenance activities.
Participants	Licensed Aircraft Maintenance Technicians.
Duration	1.5 days.
Objectives	On completion of the course, the student can: Explain the setup and the working of borescope instruments. Borescope engines according to the regulations. Explain the meaning of a borescope inspection Name the types of probes used during borescope inspections. Use the borescope equipment safely and efficiently. Distinguish between the different types of damage Calculate the dimensions of damage to the inspected part.
Contents	Theoretical training and practical assignments on engine parts within dedicated training devices. Setup and working of borescope instruments. Interpretation of borescope readings. Manipulating borescope instruments. Reporting the result of a measurement.
Location	Amsterdam or Customer location.
Remarks	Preferably a minimum of 2 students The maximum number of students is 8.

Course title	**Fuel Tank Safety Phase 2**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	At the end of the course the student has a good understanding of the important changes in Fuel Tank Safety. Students have the capacity to combine and apply the separate elements of knowledge in a logical and comprehensive manner.
Participants	This course is intended for personnel involved in maintenance on aircraft fuel systems and fuel system components.
Duration	1 day
Objectives	On completion of the course, the student: Can recall the history of events related to FTS issues. Can recall the theoretical elements of the subject. Has a general knowledge of the FAA regulations known as SFAR 88. Is able to give a detailed description of the concept of Airworthiness Limitation Inspections (ALI). Can describe how the above items affect the aircraft. Can recall the practical elements of the subject. Is able to identify the components or parts of the aircraft subject to FTS from the manufactures documentation. Is able to plan the actions for, or carry out, a Service Bulletin and an Airworthiness Directive.
Contents	This course consists of the following subjects: Introduction History Investigations Explosion theory Maintenance actions
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 16.

Course title	**EWIS Boeing Aircraft (target groups 1 and 2)**
Aircraft	**All Boeing aircraft**
Engine	**Not Applicable**
Purpose	After the course a participant is able to properly evaluate the EWIS and effectively use the manufacturers Standard Wiring Practices Manual (SWPM) of Boeing aircraft.
Participants	Target groups 1 and 2, as defined in AMC 20/22 Appendix A. This course is intended for personnel who perform aircraft maintenance, inspections, alterations or repairs on Electrical Wiring Interconnection Systems (EWIS) and/or structure on Boeing aircraft.
Duration	5 days.
Objectives	On completion of the course, the student: Understands and can demonstrate the safe handling of aircraft electrical systems, Line Replaceable Units, tooling, troubleshooting procedures and electrical measurement. Understands and can demonstrate the layout and navigation of the applicable wiring system maintenance and wiring practices manuals. Understands the different type of inspections, human factors in inspections, zonal areas and typical damages. Understands the contamination sources, materials, cleaning and protection procedures. Understands and can demonstrate the correct identification of different wire types, their inspection criteria and damage tolerance, repair and preventive maintenance procedures. Understands and can demonstrate the procedures to identify, inspect and find the correct repair for typical types of connective devices found on the applicable aircraft. Can demonstrate the procedures for replacement of all parts of typical types of connective devices found on the applicable aircraft.

Contents	Module A – General electrical wiring interconnection system practices Module B – Wiring practices documentation Module C – Inspection Module D – Housekeeping Module E – Wire Module F – Connective devices Module G - Connective device repair
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 8.

Course title	**EWIS Boeing Aircraft (target groups 3 through 8)**
Aircraft	**All Boeing aircraft**
Engine	**Not Applicable**
Purpose	To enhance the awareness of the importance of EWIS safety in the overall safe operation of Boeing aeroplanes. These groups are not directly involved in the maintenance of EWIS, but they have the potential to have an adverse impact on EWIS.
Participants	Target groups 3 through 8 as defined in AMC 20/22 Appendix B. This course is intended for personnel who are not directly involved in the maintenance of EWIS
Duration	Between 0.5 and 3 days, depending on the target group.
Objectives	Although the objectives will differ per target group, they shall include some or all of the following. Upon completion of the course the student should: Know or can demonstrate the safe handling of aeroplane electrical systems, line replaceable units (LRU), tooling, troubleshooting procedures, and electrical measurement. Know or can demonstrate the construction and navigation of the applicable aeroplane wiring system overhaul or practices manual. Know the different types of inspections, human factors in inspections, zonal areas and typical damages. Know the contamination sources, materials, cleaning and protection procedures. Know or can demonstrate the correct identification of different wire types, their inspection criteria and damage tolerance, repair and preventative maintenance procedures. Know or demonstrate the procedures to identify, inspect, and find the correct repair for typical types of connective devices found on the applicable aeroplane.
Contents	Module A – General electrical wiring interconnection system practices Module B – Wiring practices documentation Module C – Inspection Module D – Housekeeping Module E – Wire Module F – Connective devices
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 8 – 16 depending on the target group.

Course title	**EWIS Airbus Aircraft (target groups 1 and 2)**
Aircraft	**All Airbus aircraft**
Engine	**Not Applicable**
Purpose	After the course a participant is able to properly evaluate the EWIS and effectively use the manufacturers Electrical Standard Practices Manual (ESPM) of Airbus aircraft.
Participants	Target groups 1 and 2, as defined in AMC 20/22 Appendix A. This course is intended for personnel who perform aircraft maintenance, inspections, alterations or repairs on Electrical Wiring Interconnection Systems (EWIS) and/or structure on Airbus aircraft.
Duration	5 days.
Objectives	On completion of the course, the student: Understands and can demonstrate the safe handling of aircraft electrical systems, Line Replaceable Units, tooling, troubleshooting procedures and electrical measurement. Understands and can demonstrate the layout and navigation of the applicable wiring system maintenance and wiring practices manual. Understands the different type of inspections, human factors in inspections, zonal areas and typical damages. Understands the contamination sources, materials, cleaning and protection procedures. Understands and can demonstrate the correct identification of different wire types, their inspection criteria and damage tolerance, repair and preventive maintenance procedures. Understands and can demonstrate the procedures to identify, inspect and find the correct repair for typical types of connective devices found on the applicable aircraft. Can demonstrate the procedures for replacement of all parts of typical types of connective devices found on the applicable aircraft.

Contents	Module A – General electrical wiring interconnection system practices Module B – Wiring practices documentation Module C – Inspection Module D – Housekeeping Module E – Wire Module F – Connective devices Module G - Connective device repair
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 8.

Course title	**EWIS Airbus Aircraft (target groups 3 through 8)**
Aircraft	**All Airbus aircraft**
Engine	**Not Applicable**
Purpose	To enhance the awareness of the importance of EWIS safety in the overall safe operation of Airbus aeroplanes. These groups are not directly involved in the maintenance of EWIS, but they have the potential to have an adverse impact on EWIS.
Participants	Target groups 3 through 8 as defined in AMC 20/22 Appendix B. This course is intended for personnel who are not directly involved in the maintenance of EWIS
Duration	Between 0.5 and 3 days, depending on the target group.
Objectives	Although the objectives will differ per target group, they shall include some or all of the following. Upon completion of the course the student should: Know or can demonstrate the safe handling of aeroplane electrical systems, line replaceable units (LRU), tooling, troubleshooting procedures, and electrical measurement. Know or can demonstrate the construction and navigation of the applicable aeroplane wiring system overhaul or practices manual. Know the different types of inspections, human factors in inspections, zonal areas and typical damages. Know the contamination sources, materials, cleaning and protection procedures. Know or can demonstrate the correct identification of different wire types, their inspection criteria and damage tolerance, repair and preventative maintenance procedures. Know or demonstrate the procedures to identify, inspect, and find the correct repair for typical types of connective devices found on the applicable aeroplane.
Contents	Module A – General electrical wiring interconnection system practices Module B – Wiring practices documentation Module C – Inspection Module D – Housekeeping Module E – Wire Module F – Connective devices
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 8 – 16 depending on the target group.

Course title	**BE Aerospace Business Class Seat Fault Isolation Training (3 X)**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	These 3 courses enable the participant, depending on his/her experience, to acquire a basic knowledge of the DC power, AC power and the electronic system. He/she can perform relevant maintenance practices on the BE Aerospace seat.
Participants	B1/B2 personnel, or, Cabin maintenance personnel with relevant experience, and a basic knowledge of electrics.
Duration	Non certifying staff 1 day. Non certifying staff 3 days. B1/B2 staff 0.5 day.
Objectives	On completion of the course, the student: Can inspect and check the seat for defects. Can remove, install, adjust and test the seat. Understands the seat's basic DC and AC power supply and electronic system. Can perform relevant maintenance practices on the seat. Can perform the calibration procedure. Can carry out minor repairs on the seat.
Contents	Introduction Electrical Power Components Practical Support Training • Remove/Install • Inspect and Check • Adjust and Test • Minor Repair • Maintenance Practices
Location	Amsterdam (due to availability of seat for practical training)
Remarks	The maximum number of students is 4.

Course title	**Koito Business Class Seat Initial Training**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	The course allows the participant to acquire a basic knowledge of the DC power, AC power and the electronic system, in relation to Cabin Maintenance Mechanic skills. He/she can perform relevant maintenance practices on the Koito seat.
Participants	Cabin maintenance personnel with relevant experience.
Duration	1 day.
Objectives	On completion of the course, the student: Can inspect and check the seat for defects. Can remove, install, adjust and test the seat. Understands the seat's basic DC and AC power supply and electronic system. Can perform relevant maintenance practices on the seat. Can perform the calibration procedure. Can carry out minor repairs on the seat.
Contents	Introduction Components. Interface Power supply Operation Inspect and check Maintenance Practices Practical Support Training: • Remove/install • Inspect and check • Adjust and test • Minor Repair • Trouble shooting
Location	Amsterdam (due to availability of seat for practical training)
Remarks	The maximum number of students is 6.

Course title	**Koito Business Class Seat Training for repair shop personnel**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	The course allows the participant to acquire a basic knowledge of the DC power, AC power and the electronic system, at seat overhaul level (comparable to ATA 104 level 4 specification). He/she can perform a complete overhaul of the Koito Business Class seat.
Participants	Repair shop personnel with relevant experience.
Duration	3 days.
Objectives	On completion of the course, the student: Can inspect and check the seat for defects. Can remove, install, adjust and test the seat. Understands the seat's basic DC and AC power supply and electronic system. Can perform relevant maintenance practices on the seat. Can perform the calibration procedure. Can carry out minor repairs on the seat.
Contents	Introduction Components. Interface Power supply Operation Inspect and check Maintenance Practices Practical Support Training: • Remove/install • Inspect and check • Adjust and test • Minor Repair • Major repair • Trouble shooting
Location	Amsterdam (due to availability of seat for practical training)
Remarks	The maximum number of students is 6.

Course title	**Refresh Training Koito Business Class Seat**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	The course allows the participant to refresh his knowledge of the DC power, AC power and the electronic system, in relation to Cabin Maintenance Mechanic skills. He/she is able to perform relevant maintenance practices on the Koito seat.
Participants	Cabin maintenance personnel with relevant experience, who have also completed the Koito Seat Initial Training.
Duration	1 day.
Objectives	On completion of the course, the student: Can inspect and check the seat for defects. Can remove, install, adjust and test the seat. Understands the seat's basic DC and AC power supply and electronic system. Can perform relevant maintenance practices on the seat. Can perform the calibration procedure. Can carry out both minor and major repairs on the seat.
Contents	Introduction Components. Interface Power supply Operation Inspect and check Maintenance Practices Practical Support Training: • Remove/install • Inspect and check • Adjust and test • Minor Repair • Trouble shooting
Location	Amsterdam (due to availability of seat for practical training)
Remarks	The maximum number of students is 6.

Course title	**Koito Business Class Seat Troubleshooting B1/B2**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To enable the student to troubleshoot defects on the Koito Business Class seat.
Participants	Line and Base Maintenance Certifying staff, CAT B1 and B2
Duration	0.5 day.
Objectives	On completion of the course, the student can: Perform relevant maintenance practices
Contents	Introduction Components Interface Power supply Operation Inspect and Check Maintenance Practices Practical Support Training: • Remove/Install • Inspect and Check • Adjust and Test • Minor Repair • Troubleshooting
Location	Amsterdam (due to availability of seat for practical training)
Remarks	The maximum number of students is 4.

Course title	**Sicma Economy Seat**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To enable the student to perform relevant maintenance procedures
Participants	Cabin services mechanics with relevant experience.
Duration	1.5 hours.
Objectives	On completion of the course, the student: Is able to perform relevant maintenance procedures.
Contents	Structure Components Removal and installation procedures
Location	Amsterdam (due to availability of seat for practical training)
Remarks	The maximum number of students is 4.

Course title	**Roto Peening Initial Training Theory/Practical**
Aircraft	**Not Applicable**
Engine	**Not Applicable**
Purpose	To perform Roto Peening activities independently, in accordance with AMS 2590 specifications. Furthermore, he should be able to comply with relevant regulations concerning safety and means of personal protection.
Participants	This course is intended for persons involved in shop repair activities.
Duration	3 days
Objectives	On completion of the course, the student can: Correctly interpret and apply the safety instructions and personal protective means applicable to his particular specialty. Perform Roto Peening activities independently in accordance with the requirements.
Contents	Module Labour Law & Environment: • Use of protective clothing and equipment • Workshop safety • Safety regulations • Danger signs and markings Module Professional Knowledge & Skills Training: • Roto Peening • Tools • Almen test • Almen graph • Roto Peening on part • Peening time • Intensity • Rotopeen flaps
Location	Amsterdam or Customer location.
Remarks	The maximum number of students is 6.