



Aircraft Type Training Course Syllabus

Airbus A318/A319/A320/A321 (CFM56) to **Airbus A319/A320/A321** (IAE V2500)
T1+T2 Combined / Differences

Course - EASA Part-66 B1+B2 - Theoretical
Course - EASA Part-66 B1+B2 - Practical



► **GENERAL**

AIRCRAFT TYPE RATING Endorsement:	Airbus A319/A320/A321 (IAE V2500)	
AIRCRAFT MODELS:	A319-130 series, A320-230 series, A321-130 series, A321-230 series	
COURSE CODE:	D-XX-XX-A32V/A32C-D-XX	
DESCRIPTION:	This course is in compliance with EASA Part-66, Appendix III "Type Training and Examination Standard". The participant will acquire knowledge necessary to perform and certify maintenance tasks permitted to be carried out as certifying staff of the specified category stated in the course title. It provides detailed description, operation, component location, removal/installation, BITE and troubleshooting procedures to a maintenance manual level.	
DURATION:	<p>THEORETICAL: 5 days / 30 hours</p> <p>Or Synchronous Distance Learning (SDL): 5 days/ 30 hours and</p> <p>Additional Course (Level 3) & Examination Phase: 1 day after SDL, in the practical site</p>	<p>PRACTICAL: optimum time: 1 day</p>
NUMBER OF PARTICIPANTS:	<p>Face to face, Max: 28</p> <p>Distance Learning, Max: 15</p> <p>(per Instructor or Invigilator)</p>	<p>Max: 15 students</p> <p>(per Instructor/Assessor, divided in several training groups)</p>
TARGET GROUP:	Technical personnel associated with aircraft maintenance or engineering activities and Part-66 Category B1 & B2: Line and Base Maintenance Technician - mechanical & avionics.	
PREREQUISITES:	Basic technical English, basic technical aircraft knowledge and successfully completed corresponding theoretical course on specified aircraft type and engine: Airbus A318/319/320/321 (CFM56) Level III.	
PARTICIPATION TIME:	The minimum participation time for the trainee to meet the objectives of the course should not be less than 90% of the tuition hours of the theoretical training course. If the minimum participation time is not met, a certificate of recognition should not be issued.	

► **COURSE Theoretical**

OBJECTIVES:
(Theoretical)

EASA Level 1 (General Familiarisation)

A brief overview of the airplane, systems and powerplant as outlined in the Systems Description Section of the Aircraft Maintenance Manual.

EASA Level 2 (Ramp and Transit)

Basic system overview of controls, indicators, principal components including their location and purpose, servicing and minor trouble shooting.

EASA Level 3 (Line and Base Maintenance)

Detailed description, operation, component location, removal/installation BITE and troubleshooting procedures to maintenance manual level.

THEORETICAL
Instructor(s):

1. **Name SURNAME** (language: ENGLISH / French)
2. **Name SURNAME** (language: ENGLISH / Spanish)

PLACE:

City / COUNTRY

START-END DATE
(Theoretical Course):

dd.mmm - dd.mmm.yyyy

► **COURSE SCHEDULE - Theoretical**

WEEK 1		dd.mmm - dd.mmm.yyyy		
D	ATA CHAPTER (Hrs.)	Lvl.	Hrs.	
Phase 1	1	ATA 71 (2) ATA 72 (1) ATA 79 (3)	3	6
	2	ATA 73 (4) ATA 73A-FADEC (1) ATA 76 (1)	3	6
	3	ATA 76 (1) ATA 75 (4) ATA 77 (1)	3	6
	4	ATA 77 (1) ATA 74 (1) ATA 78 (2) ATA 36 (2)	3	6
	5	ATA 24 (2,5) ATA 26 (1,5) ATA 30 (2)	3	6
Phase 1 - EXAM			30	
Total (Hrs.) = 30				

EXAMINATIONS:
(Theoretical)

Phase examination, closed book, (MCQ) multiple-choice question examination type.
Pass mark per phase examination is **75%**

► **COURSE Practical**

OBJECTIVES:
(Practical)

Upon completion of the course, the participant will be able to identify differences between the a/c types in practice.

PRACTICAL
Instructor(s)/ Assessor(s):

1. **Name SURNAME** (language: ENGLISH / French)
2. **Name SURNAME** (language: ENGLISH / Spanish)

PLACE:

City / COUNTRY

START-END DATE
(Practical & Assessment):

dd.mmm - dd.mmm.yyyy

► **COURSE SCHEDULE - Practical**

START: dd.mm.yyyy		END: dd.mm.yyyy		NO. OF TASKS		
TASK TYPE		TRAINING EQUIPMENT		Airframe	Engine	Avionics
LOC	Location	Aircraft / Simulator / Classroom		4	28	--
FOT	Functional / Operational Test	Aircraft / Simulator / Classroom		4	6	--
SGH	Service & Ground Handling	Aircraft / Simulator / Classroom		2	--	--
R/I	Removal / Installation	Aircraft / Simulator / Classroom		7	4	--
MEL	Minimum Equipment List	MEL / Classroom		--	--	--
TS	Trouble Shooting	Aircraft / Simulator / Classroom		1	--	--
REF: A - Aircraft S - Simulator C - Classroom		Total Tasks		18	38	--
				56		

ASSESSMENTS	√	PRACTICAL TRAINING DURATION
ENGINE	1	Optimum time: 1 day
Assessment Review	1	

ASSESSMENTS:
(Practical)

The practical training assessment will be performed after completion of at least **50%** of the mandatory tasks, divided in **3** different scenarios (Engine/Propeller, Airframe and Avionics).

Practical assessment will be conducted and assigned as "**passed**" or "**not passed**".

Practical training will be documented in the Practical Handbook (PH).

TRAINING MATERIAL:
(for each student)

(DC) Digital Copy:

- Maintenance Training Manual (**AGT-MTM-A32V/A32C-D**) (pdf);
- Aircraft Maintenance Documentation - samples (pdf);
- Cockpit and panels layout (print ready);

(HC) Hard Copy:

- Course Syllabus and Schedule
- Training Handbook
- Practical Handbook (**AGT-TPP-A32V/A32C-D**)

HARDWARE:

In addition to AGT training presentation equipment, it is recommended each student to be equipped with notebook or similar portable electronic device capable to support **pdf** format reading software, in order to successfully read and review the content of training course material.

SOFTWARE:

Any available program supporting **pdf** format.
Recommended: Adobe Acrobat Reader