Approved by:
Competent Authority of France
(DGAC/OSAC) for EASA
FR.147.0049

ATR 42-400/500/72-212A (PWC PW120) - **INITIAL** / T1+T2 Combined

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

AIRCRAFT TYPE RATING Endorsement:	**ATR 42-400/500/72-212A** (PWC PW120)
AIRCRAFT MODELS:	ATR 42-400, ATR 42-500, ATR 72-212A
Commercial Designation:	ATR 42-400, ATR 42-500, ATR 42-600, ATR 72-500, ATR 72-600
COURSE CODE:	**I-XX-XX-456-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:	**THEORETICAL**: **27** days / **160** hours **PRACTICAL:** optimum time: **9,5** days
NUMBER OF PARTICIPANTS:	**THEORETICAL:** Max: **12-15** at AGT sites Max: **15** at Customer site **PRACTICAL:** Max: **15** students (per Instructor/Assessor, divided in several training groups)
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 and basic technical aircraft knowledge or Category **A** license.
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)
PLACE:	Brest / FRANCE
START-END DATE (Theoretical Course):	**23.04.2018 – 29.05.2018**

► COURSE SCHEDULE - Theoretical (six (6) days a week)

WEEK 1 — dd.mm – dd.mm.yyyy

	D	ATA CHAPTER (Hrs.)	Lvl.	Hrs.
		ATR 42/72-500 & 600		
Phase 1	1	**ATA 05-12** Introduction (1) Aircraft general & Zone identification (3)	1	6
		ATA 25 (1) **ATA 31** - General (1)	3	
	2	**ATA 31** - MFC (2) **ATA 31** - CCAS (2) **ATA 45** - MPC (2)	3	6
	3	**ATA 31** - DFDR (1) **ATA 24** - Gen. (0,5) **ATA 24** - ACW (2,5) **ATA 24** - DC (2)	3	6
	4	**ATA 24** - DC (5) **ATA 24** - AC (1)	3	6
	5	**ATA 24** - AC (2) **ATA 26** (4)	3	6
		Phase 1 - EXAM		30
P.2	6	**ATA 34** (6)	3	6

WEEK 2 — dd.mm – dd.mm.yyyy

	D	ATA CHAPTER (Hrs.)	Lvl.	Hrs.
Phase 2	1	**ATA 34** (6)	3	6
	2	**ATA 34** (4) **ATA 22** (2)	3	6
	3	**ATA 22** (4)	3	4
	4	**ATA 23** (3) **ATA 33** (3)	3	6
		Phase 2 - EXAM		28
Phase 3	5	**ATA 28** (5) **ATA 71** (1)	3	6
	6	**ATA 72** (0,5) **ATA 73** (3,5) **ATA 74** (0,75) **ATA 75** (0,5) **ATA 80** (0,75)	3	6

WEEK 3 — dd.mm – dd.mm.yyyy

	D	ATA CHAPTER (Hrs.)	Lvl.	Hrs.
Phase 3	1	**ATA 76** (0,75) **ATA 77** (1,5) **ATA 78** (0,25) **ATA 79** (1,5) **ATA 61** (2)	3	6
	2	**ATA 61** (6)	3	6
	3	**ATA 61** (1) **ATA 52** (3) **ATA 56** (1) Aircraft structures (1)	3	6
		Phase 3 - EXAM		30
Phase 4	4	**ATA 36** (5) **ATA 21** - General (1)	1	6
	5	**ATA 21** - Pack (6)	3	6
	6	**ATA 21** - Ventilation (2,5) **ATA 21** - Press. (1,5) **ATA 30** (2)	3	6

	WEEK 4	dd.mmm - dd.mmm.yyyy			**WEEK 5**	dd.mmm - dd.mmm.yyyy			
	D	ATA CHAPTER (Hrs.)		Lvl.	Hrs.	D	ATA CHAPTER (Hrs.)		Lvl.	Hrs.
Phase 4	**1**	**ATA 30** (3) **ATA 38** (1) **ATA 35** (2)		3	**6**	**1**	**ATA 31** (2,5) **ATA 24** (0,25) **ATA 26** (0,25) **ATA 28** (0,25)	**ATA 73** (0,75) **ATA 74** (0,25) **ATA 76** (0,25) **ATA 77** (0,75) **ATA 61** (0,5)	3	**6**
	2	**ATA 29** (6)		3	**6**	**2**	**ATA 36** (0,25) **ATA 21** (0,25) **ATA 30** (0,25) **ATA 29** (0,25) **ATA 27** (0,25)	**ATA 29** (0,25) **ATA 32** (0,25) **ATA 35** (0,25) **ATA 23** (1,5) **ATA 34** (2,5)	3	**6**
		Phase 4 - EXAM			**30**					
Phase 5	**3**	**ATA 27** (6)		3	**6**	**3**	**ATA 72** (0,5) **ATA 73** (3,5)	**ATA 74** (0,75) **ATA 75** (0,5) **ATA 80** (0,75)	3	**6**
	4	**ATA 27** (6)		3	**6**		Phase 6 - EXAM			**24**
	5	**ATA 32** (6)		3	**6**					
		Phase 5 - EXAM			**18**					
P.6		**ATR 42/72-600**								
	6	**ATA 42** (6)		3	**6**					
	Total (Hrs.) = **160**									

EXAMINATIONS:
(Theoretical)

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

► COURSE Practical

OBJECTIVES: (Practical)	Upon completion of the course, the participant will be able to: • Apply the relevant safety precautions • Identify and apply aircraft technical documentation • Name, identify and locate aircraft system components • Perform normal operation of aircraft systems • Perform the servicing and ground handling • Perform inspections and routine work • Perform system functional/operational and on-board maintenance system supported tests • Awareness for the use of special tooling and test equipment • Perform rigging and adjustments • Carry out routine through visual inspections • Describe component removal/installation procedures unique to the aircraft type • Determine aircraft airworthiness in accordance with MEL/CDL, and explain maintenance procedures according to the minimum equipment list (MEL) • Correlate information for the purpose of making decisions in respect to fault diagnosis and rectification.
PRACTICAL Instructor(s)/ Assessor(s):	1. Name SURNAME (language: ENGLISH / French)
PLACE:	Casablanca / MORROCO
START-END DATE (Practical & Assessment):	**04.06 – 15.06.2018**

► COURSE SCHEDULE - Practical

START:	dd.mm.yyyy	**END:**	dd.mm.yyyy

TASK TYPE		TRAINING EQUIPMENT	NO. OF TASKS	
			500&600	600
LOC	Location	Aircraft	**254**	**18**
FOT	Functional / Operational Test	Aircraft / Simulator / Classroom	**104**	**23**
SGH	Service & Ground Handling	Aircraft / Simulator / Classroom	**72**	**4**
R/I	Removal / Installation	Aircraft / Simulator / Classroom	**67**	**7**
MEL	Minimum Equipment List	MEL / Classroom	**27**	**--**
TS	Trouble Shooting	Aircraft / Simulator / Classroom	**34**	**--**
		Total Tasks (500 or 600 + 600)	**558**	**52**
			610	

REF: **A** - Aircraft | **S** - Simulator | **C** - Classroom

ASSESSMENTS	√	PRACTICAL TRAINING DURATION
Assessment 1 - Engine / Propeller	**1**	**Optimum time:** **9,5** days
Assessment 2 - Airframe	**1**	
Assessment 3 - Avionics	**1**	
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-456**) (pdf); - Aircraft Maintenance Documentation - samples (pdf); - Cockpit and panels layout (print ready); (**HC**) Hard Copy: - Course Syllabus and Schedule - Training Handbook - ATR systems schematics - Practical Handbook
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