

Course Tittle B 1.3 LEONARDO AW 189 (GE CT7) PRACTICAL TRAINING (GE CT7)	
Duration of Training	10 Days of Practical Training = 60 hours
Module Category	B 1.3

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GLOSSARY.

LOC	Location
FOT	Functional/Operational Test
SGH	Service and Ground Handling
R/I	Removal and Installation
MEL	Minimum Equipment List
TS	Troubleshooting



	INTF	RODUCTION MODULE
1	Chapter/ATA	0 - Helicopter General
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge of helicopter safety and pre-operation it for maintenance.
С	Category	B 1.3
d	Training Method	This training provides:
		1) Helicopter safety practices and pre-operation, it for maintenance activity as per AMPI 89-A-00-00-00-00-120A-A.
2	Chapter/ATA	4- Airworthiness Limitations
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge introduction of airworthiness limitation and general understanding of helicopter and components retirement lives.
С	Category	B 1.3
d	Training Method	This training provides:
		1) Introduction of airworthiness limitation as per AMPI 89-A-04-00-00-00A-018E-P.
		2) General understanding of helicopter and components retirement lives as per AMPI 89-A-04-00-00-00A-028E-P.



3	Chapter/ATA	5 - Scheduled/Unscheduled Maintenance
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge and general understanding of helicopter scheduled/unscheduled maintenance.
С	Category	B 1.3
d	Training Method	This training provides: 1) General understanding of helicopter scheduled/unscheduled maintenance as per AMPI 89-A-05-21-00-00A-028E-P and 89-A-05-51-00-00A-028E-P.
4	Chapter/ATA	6 - Time limits/maintenance check
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge of principal dimension, reference lines, zones, area, and access provision sections of the AW 189.
С	Category	
d d	Training Method	 This training provides: Understanding general data of principal dimension as per AMPI 89-A-06-10-00-00A-010A-A. Understanding general data of reference lines as per AMPI 89-A-06-20-00-00A-010A-A. Understanding general data of principal dimension as per AMPI 89-A-06-30-00-00A-010A-A. General understanding and location of access provision per AMPI 89-A-06-40-00-00A-010A-A.



Chapter/ATA	7 – Lifting, Shoring, Recovering and Transporting
1	LOC
Learning Objectives	To gain the required knowledge of lifting helicopters on jacks.
Category	Justice.
Training Method	This training provides:
	1) Demonstrating of lifting the helicopter on jacks as per AMPI 89-A-07-11-00-00A-100A-A.
Chapter/ATA	8 – Levelling and Weighing
Knowledge level/Task	LOC
Learning Objectives	To gain the required knowledge of levelling and weighing of helicopters.
Category	B 1.3
Training Method	This training provides:
	 Demonstrating of helicopter level procedure as per AMPI 89-A-08-21-00-00A-100A-A. Demonstrating of helicopter weigh procedure as per AMPI 89-A-08-31-00-00A-100A-A. Checking the aircraft against Chart A equipment list in FRM Chapter 6.
Chanter/ATA	9 – Handling and Maneuvering
†	LOC, SGH
Learning Objectives	To gain the required knowledge of handling and manuevering the helicopters.
Category	B 1.3
Training Method	This training provides:
	 Demonstrating of helicopter towing operation as per AMPI 89-A-11-00-00-00A-100A-A. Helicopter handling and taxiing for service as per 89-A-09-00-00-00A-028A-A.
	Category Training Method Chapter/ATA Knowledge level/Task Learning Objectives Category Training Method Chapter/ATA Knowledge level/Task Learning Objectives Category Category



8	Chapter/ATA	10- Parking/mooring, Storing & Return to Service
а	Knowledge level/Task	GEN & SGH
b	Learning Objectives	To gain the required knowledge of helicopter parking normal condition and mooring operation.
С	Category	B 1.3
d	Training Method	 This training provides: Demonstrating of helicopter parking in normal condition operation as per AMPI 89-A-11-00-00-00A-100A-A. Demonstrating mooring operation as per AMPI 89-A-10-20-00-00A-100A-A. Identifying location of parking, mooring, storing for service as per AMPI 89-A-10-00-00-00A-028A-A.
9	Chapter/ATA	11 – Placards and Markings
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge of interior and exterior of placards and markings.
С	Category	B 1.3
d	Training Method	This training provides:
		 General understanding of exterior placards and markings as per AMPI 89-A-11-20-00-00A-028A-A. General understanding of interior placards and markings as per AMPI 89-A-11-30-00-00A-028A-A.



10	Chapter/ATA	12 – Servicing
а	Knowledge level/Task	LOC, SGH
b	Learning Objectives	To gain the required knowledge in performing servicing by way of replenishing and depleting, scheduled and unscheduled servicing, and support equipment connect/disconnect procedures.
С	Category	B 1.3
d	Training Method	This training provides:
		1) General understanding and location of servicing section as per AMPI 89-A-12-00-00-00A-028A-A.
		2) Servicing of main gear box as per AMPI 89-A-12- 03-00-00A-212A-A.
		3) Servicing of tail gear box as per AMPI 89-A-12- 11-05-00A-212A-A.
		4) Servicing of no. 1 engine as per AMPI 89-A-12- 11-06-00A-212A-A.
		5) Servicing of no.1 power control module as per AMPI 89-A-12-11-08-00A-218A-A.
		6) Servicing of auxiliary power unit as per AMPI 89-A-12-11-11-00A-212A-A.
		7) Demonstrating the service of Integrated Environment Control System (ECS) as per AMPI 89-A-12-03-00-00A-218A-A.
		8) Servicing of intermediate gearbox as per AMPI 89-A-12-11-04-00A-212A-A.
		9) Servicing of nose wheel tires as per AMPI 89-A-12-20-01-00A-214A-A.
		10) Servicing of main wheel tires as per AMPI 89-A- 12-20-02-00A-214A-A.



TRAINING NEED ANALTSIS	
	11) Demonstrating the service of shock strut (nose landing gear) as per AMPI 89-A-12-20-03-00A-214A-A.
	12) Servicing of intermediate gearbox as per AMPI 89-A-12-11-04-00A-212A-A.
	13) Demonstrating of servicing shock absorber (Main Landing Gear) as per AMPI 89-A-12-20-04-00A-214A-A.
	14) Servicing of nose gear as per AMPI 89-A-12-20- 05-00A-242A-A.
	15) Servicing of main gear as per AMPI 89-A-12-20- 06-00A-242A-A.
	16) Servicing of swashplate duplex bearing as per AMPI 89-A-12-20-07-00A-242A-A.
	17) Servicing of nose and main wheel bearings as per AMPI 89-A-12-20-08-00A-242A-A.
	18) Servicing of wheel brake parking and emergency module (accumulator) as per AMPI 89-A-12-30-02-00A-214A-A.
	19) Connecting and disconnecting procedure of external electrical power as per AMPI 89-A-12-41-00-00A-730A-A and 89-A-12-41-00-00A-510A-A.
	20) Connecting and disconnecting procedure of external electrical power as per AMPI 89-A-12-42-00-00A-730A-A and 89-A-12-42-00-00A-510A-A.



11	Chapter/ATA	20- Standard Practices
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge of standard practices
		in airframe system.
С	Category	B 1.3
d	Training Method	This training provides:
		1) General understanding and location of airframe system as per AMPI 89-A-20-00-00-00A-028A-A.

		HELICOPTERS
1	Chapter/ATA	18 - Vibration And Noise Analysis And Attenuation
а	Knowledge level/Task	LOC, FOT, TS
В	Learning Objectives	To gain the required knowledge in maintaining,
		performing functional test and troubleshooting the
		defect arises during maintenance and restore it to the
		airworthy condition.
С	Category	B1.3
d	Training Method	This training provides:
		 General understanding and functional check of vibration and nose analysis system as per AMPI 89-A-18-00-00-00A-028A-A and 89-A-18-10-00-00A-028A-A. Troubleshooting the system as per AFIP Chapter 18-30.



2	Chapter/ATA	60 – Standard Practices Rotor
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge in standard practices of rotor maintaining, performing visual inspection, and servicing the rotors.
С	Category	B 1.3
d	Training Method	This training provides:
		 General understanding of standard practices in rotor system as per AMPI 89-A-60-00-00-00A- 028A-D.

	AIRFRAME STRUCTURES		
1	Chapter/ATA	51 – Standard Practices and Structures	
а	Knowledge level/Task	LOC, TS	
b	Learning Objectives	To gain the required knowledge in standard practices	
		airframe structures, locations and troubleshooting of	
		damage in airframe structures.	
С	Category	B 1.3	
d	Training Method	This training provides	
		 General damage assessment as per CSRP-A-51-10-00-00A-028A-D. Understanding common structural publication documents as per CSRP-A-51-10-00-00A-018A-D. 	



2	Chapter/ATA	52 - Doors
a	Knowledge level/Task	LOC, TS, MEL, R/I
b	Learning Objectives	To gain the required knowledge in identifying components location, troubleshooting, MEL, removal and installation of Doors.
С	Category	B 1.3
d	Training Method	 This training provides: General understanding and component location of door system as per AMPI 89-A-52-00-00-00A-028A-A. Troubleshooting of door faulty system as per AFIP Chapter 52. Understanding MEL requirement as per MEL 3.12 (52) Doors. Removal and installation procedure of Left cockpit door as per AMPI 89-A-52-11-01-00A-520A-A and 89-A-52-11-01-00A-720A-A. Removal and installation procedure of right cockpit door as per AMPI 89-A-52-11-02-00A-520A-A and 89-A-52-11-02-00A-720A-A.
		3207774114 33 71 32 12 32 3377 7237771
3	Chapter/ATA	53 - Fuselage
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge in identifying locations of fuselage structure.
С	Category	B 1.3
d	Training Method	 This training provides: 2) General understanding and component location of fuselage as per AMPI 89-A-53-00-00-00A-028A-A. 3) Detailed inspection of Tail unit joint at STA 8700 as per AMPI 89-A-53-40-00-00E-311A-A.



4	Chapter/ATA	55 - Stabilizers
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge in identifying locations of helicopter stabilizers.
С	Category	B 1.3
d	Training Method	This training provides:
		 General understanding and component location of stabilizers as per AMPI 89-A-55-00-00-00A- 028A-A.
5	Chapter/ATA	56 - Windows
а	Knowledge level/Task	LOC, TS
b	Learning Objectives	To gain the required knowledge in identifying locations of windows and canopies.
С	Category	B 1.3
d	Training Method	This training provides:
		 General understanding and component location of windows and canopies as per AMPI 89-A-56- 00-00-00A-028A-A.
		 Demonstrating details inspection of the flight compartment windows installation as per AMPI 89-A-56-00-00-00A-31AA-A.

		AIRFRAME SYSTEM
1	Chapter/ATA	21 – Environmental Control
а	Knowledge level/Task	LOC, FOT, MEL, TS
В	Learning Objectives	To gain the required competence in standard practices
		Environmental Control System (ECS), performing
		functional and operational test, understanding MEL
		procedures, and performing troubleshooting.
С	Category	B 1.3
D	Training Method	This training provides;
		General standard practices and location
		subsystem as per AMPI 89-A-21-00-00-00A-
		028A-A.



		2) Location of air conditioning distribution system as per AMPI 89-A-21-20-00-00A-040A-A.
		3) Location of heating system as per AMPI 89-A-21-40-00-00A-028A-A.
		4) Operational test of forced ventilation system kit as per AMPI 89-A-21-00-00-00A-32A-A.
		5) Troubleshooting of defect as per AFIP Chapter 21.
		6) Understanding minimum requirement of chapter 21 to release aircraft ants its implication as per MEL 3.2 (21) Air Conditioning
2	Chapter/ATA	22 - Autoflight
a	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge regarding the location of Autoflight component in the cockpit.
С	Category	B 1.3
d	Training Method	This training provides; 1) General location of Autoflight system as AMPI
		89-A-22-10-00-00A-028A-A .
3	Chapter/ATA	23 - Communication
a	Knowledge level/Task	LOC, MEL
b	Learning Objectives	To gain the required knowledge in identifying
	===:::::0 ==,==:::0	0 1 1
		communications system components.
С	Category	communications system components. B 1.3
d d	Category Training Method	
		B 1.3
		B 1.3 This training provides:
		B 1.3 This training provides: 1) General location of communication system as AMPI 89-A-23-10-00-00A-028A-A. 2) Understanding minimum requirement of
		B 1.3 This training provides: 1) General location of communication system as AMPI 89-A-23-10-00-00A-028A-A. 2) Understanding minimum requirement of chapter 23 to release aircraft and its implication
		B 1.3 This training provides: 1) General location of communication system as AMPI 89-A-23-10-00-00A-028A-A. 2) Understanding minimum requirement of
		B 1.3 This training provides: 1) General location of communication system as AMPI 89-A-23-10-00-00A-028A-A. 2) Understanding minimum requirement of chapter 23 to release aircraft and its implication
		B 1.3 This training provides: 1) General location of communication system as AMPI 89-A-23-10-00-00A-028A-A. 2) Understanding minimum requirement of chapter 23 to release aircraft and its implication



4	Chapter/ATA	24 – Electrical Power
а	Knowledge level/Task	LOC, FOT, R/I
b	Learning Objectives	To gain the required knowledge in identifying electrical power components, performing functional and operation checks, servicing, removal and installation of related electrical power system.
С	Category	B 1.3
d	Training Method	This training provides:
		 general understanding and location of electrical power system components as per AMPI 89-A-24-00-00-00A-028A.
		 Provides the knowledge to perform operational test of AC main generation as per AMPI 89-A- 24-21-04-00A-320A-A.
		3) Removal and installation procedures of number 2 AC generator as per AMPI 89-A-24-21-04-00A-520A-A and AMPI 89-A-24-21-04-00A-720A-A.
5	Chapter/ATA	25 – Equipment and Furnishing
а	Knowledge level/Task	LOC, FOT, R/I, MEL
b	Learning Objectives	To gain the required knowledge in identifying components, performing functional and operation checks, MEL, removal, and installation of chapter 25 system.
С	Category	B 1.3
d	Training Method	This training provides;
		 Provides the general understanding and location of equipment and furnishing system and subsystem as per AMPI 89-A-25-00-00-00A- 028A-A.
		 General understanding and location of the emergency equipment as per AMPI 89-A-25-60- 00-00A-028A-A.
		3) Removal and installation of the cabin seat as per AMPI 89-A-25-21-00-00A-520A-A and 89-A-25-21-00-00A-720A-A.



		 4) Demonstration of operational check of Automatic Deployable ELT (ADELT) kit as per AMPI 89-A-25-62-00-00A-320A-A. 5) MEL item in equipment and furnishing system as per MEL 3.4 (25).
6	Chapter/ATA	26 – Fire protection
а	Knowledge level/Task	LOC, FOT, R/I, MEL
b	Learning Objectives	To gain the required knowledge in identifying components, performing functional and operation checks, removal and installation, MEL item of Fire protection system.
С	Category	B 1.3
d	Training Method	 This training provides; General understanding and location of fire and protection subsystem components as per AMPI 89-A-26-00-00-00A-028A. Description on how Portable fire extinguisher installation is made as per AMPI 89-A-26-24-00-00A-041A. Detailed inspection of portable fire extinguisher installation as per AMPI 89-A-26-24-00-00A-31AA-A. Removal and installation of cockpit portable fire extinguisher as per AMPI 89-A-26-21-02-520A-A and AMPI 89-A-26-21-02-720A-A. Understanding minimum requirement to release aircraft and its implication as per MEL 3.5 (26) Fire Protection.



7	Chapter/ATA	28 - Fuel
а	Knowledge level/Task	LOC, FOT, R/I, T/S
b	Learning Objectives	To gain the required knowledge in identifying components location, performing functional and operation checks, troubleshooting, removal and installation of Fuel system.
С	Category	B 1.3
d	Training Method	This training provides;
		1) Provides the general understanding and location of fuel system and subsystem as per AMPI 89-A-28-00-00-00A-028A-A. 2) 2
		2) General understanding of fuel system indication as per AMPI 89-A-28-40-00-00A-028A-A.
		3) Removal and installation of pump module (No. 2 booster pump) as per AMPI 89A-28-21-05-01A-720A-A and 89A-28-21-05-01A-520A-A.
		 Understanding fault code generate by fault system for fuel system troubleshooting as per AFIP Section 28-20 Distribution.
8	Chapter/ATA	29 - Hydraulic
а	Knowledge level/Task	LOC, FOT, R/I , TS
b	Learning Objectives	To gain the required knowledge in identifying components location, performing functional and operation checks, troubleshooting, removal and installation of Hydraulic system.
С	Category	B 1.3
d	Training Method	 This training provides; General understanding and location of hydraulic system system as per AMPI 89-A-29-10-00-00A-028A-A. Troubleshooting faulty message as per AFIP Section 28-10.



		 Main hydraulic system operational test as per AMPI 89-A-29-10-00-00A-320A-A. Main hydraulic system preliminary test as per AMPI 89-A-29-10-00-00A-32AA-A. No 1 Power control module level switches operational test as per AMPI 89-A-29-11-01-00A-320B-A. Understanding fault code for hydraulic system troubleshooting as per AFIP Section 28-30.
9	Chapter/ATA	30 – Ice and Rain Protection
a	Knowledge level/Task	LOC, FOT, MEL, TS
b	Learning Objectives	To gain the required knowledge in identifying components location, performing functional and operation checks, troubleshooting, MEL of Ice and Rain Protection system.
	Catagory	B 1.3
c d	Category Training Method	This training provides.
		 a) General understanding and location of hydraulic system which are main and auxiliary system as per AMPI 89-A-30-00-00-00A-028A-A. b) Operational test of windshield wiping/washing system kit as per AMPI 89-A-30-42-00-00A-320A-A. c) Understanding minimum requirement for releasing aircraft and its implication as per MEL 3.6 (30) Ice and Rain Protection. d) Understanding fault code generated as per AFIP Chapter 30.



10	Chapter/ATA	31 – Indicating /Recording System
а	Knowledge level/Task	LOC, R/I, TS, MEL
b	Learning Objectives	To gain the required knowledge in identifying components location, removal and installation procedures, troubleshoot and MEL chapter of Indicating and Recording System.
С	Category	B 1.3
d	Training Method	This training provides:
		 General understanding and location of Indicating and Recording System as per AMPI 89-A-31-00-00-00A-028A-A.
		2) Location of instruments and control panels as per AMPI 89-A-31-10-00-00A-028A-A.
		3) Removal and installation of outside thermometer as per AMPI 89-A-31-23-00-00A-520A-A and 89-A-31-23-00-00A-720A-A.
		4) Troubleshooting of faulty system as per AFIP Chapter 31.
		5) Understanding of MEL requirement as per MEL 3.7 (31) Indicating/Recording System.
11	Chapter/ATA	32 – Landing Gear
а	Knowledge level/Task	LOC, FOT, TS,R/I,MEL
b	Learning Objectives	To gain the required knowledge in identifying components location, performing functional and operation checks, troubleshooting, MEL, removal and installation of Landing Gear system.
С	Category	B 1.3
d	Training Method	This training provides: 1) General understanding and component location of landing gear system as per AMPI 89-A-32-00-00-00A-028A-A.
		2) Component location of position and warning light as per AMPI 89-A-32-60-00-00A-028A-A.



		3) Demonstration of removal and installation of left main landing gear as per AMPI 89-A-32-11-01-00A-520A-A and 89-A-32-11-01-00A-720A-A.
		4) Demonstration of removal and installation of right main landing gear as per AMPI 89-A-32-12-00-00A-520A-A and 89-A-32-12-00-00A-720A-A.
		5) Demonstration of removal and installation of main wheel as per AMPI 89-A-32-41-03-00A-520A-A and 89-A-32-41-03-00A-720A-A.
		6) Lubrication (greasing) of the LH/RH MLG link pivots between shock absorber lever and lever, and LH/RH MLG link pivots between trailing arm and shock absorber as per AMPI 89-A-12-20-06- 00A-242A-A.
		7) Trouble shooting a faulty system as per AFIP Chapter 32-30, 32-40 and 32-60.
		8) Understanding of MEL requirement as per MEL 3.8 (32) Landing Gear.
12	Chapter/ATA	33 - Lights
а	Knowledge level/Task	LOC, FOT, MEL, R/I
b	Learning Objectives	To gain the required knowledge in identifying components location, performing functional and operation checks, MEL, removal and installation of Lighting system.
С	Category	B 1.3
d	Training Method	This training provides: 6) General understanding and component location of lighting system as per AMPI 89-A-33-00-00-00A-028A-A.
		7) Operational test of cockpit lighting system as per AMPI 89-A-33-11-00-00A-320A-A.
		8) Understanding MEL requirement as per MEL 3.9 (33) Lights.



		 9) Removal and installation procedure of Left steerable landing light as per AMPI 89-A-33-44-01-00A-520A-A and 89-A-33-44-01-00A-720A-A. 10) Operational test of Emergency lighting system - Cabin push-button as per AMPI 89-A-33-51-00-00C-320A-A.
13	Chapter/ATA	34 - Navigation
а	Knowledge level/Task	LOC, MEL
b	Learning Objectives	To gain the required knowledge in identifying components location and MEL of Navigation system.
С	Category	B 1.3
14 a b	Chapter/ATA Knowledge level/Task Learning Objectives	This training provides: 1) General understanding and component location of navigation system as per AMPI 89-A-34-00-00-00A-028A-A. 2) Understanding MEL requirement as per MEL 3.10 (34) Lights. 46 – System Integration and Display FOT, LOC To gain the required knowledge in identifying components location and operational test of
		Information system.
С	Category	
d	Training Method	 This training provides: General understanding and component location of systems integration and display as per AMPI 89-A-46-00-00-00A-028A-A. Performing operational test of aircraft mission management system as per AMPI 89-A-46-21-00-00A-320A-A.



15	Chapter/ATA	49 – Auxiliary Power Unit
а	Knowledge level/Task	LOC, FOT
b	Learning Objectives	To gain the required knowledge in identifying components location and troubleshooting of Auxiliary Power Unit.
С	Category	B 1.3
d	Training Method	 This training provides: General understanding and component location of auxiliary power unit as per AMPI 89-A-49-00-00-00A-028A-A. Performing troubleshooting of auxiliary power unit system as per AMPI 89-A-49-21-00-00A-412A-A.

ROTORS AND DRIVE SYSTEM		
1	Chapter/ATA	62 – Main Rotors
а	Knowledge level/Task	LOC
В	Learning Objectives	To gain the required knowledge in identifying components location, removal and installation of Main Rotors.
С	Category	B 1.3
D	Training Method	This training provides: 1) General understanding and identifying component location of main rotors as per AMPI 89-A-62-00-00-00A-028A-A.



		 Performing detailed inspection of main rotor head installation as per AMPI 89-A-62-21-00- 01A-31AA-A.
		 Performing detailed inspection of elastomeric bearings as per AMPI 89-A-62-22-00-03A-31AA- A.
		4) Carrying out general visual inspection on swashplate as per AMPI 89-A-62-31-06-00A-310A-A.
2	Chapter/ATA	63 – Main Rotor Drives
a	Knowledge level/Task	LOC, FOT, SGH
b	Learning Objectives	To gain the required knowledge in identifying
	3 ,	components location, removal and installation of Main
		Rotors.
С	Category	B 1.3
d	Training Method	This training provides:
		1) General understanding and identifying component location of main rotor drive as per AMPI 89-A-63-00-00-00A-028A-A.
		 General understanding and identifying component location of main gearbox indicating system as per AMPI 89-A-63-40-00-01A-028A-A.
		 Performing operational test of main gearbox indicating sensors per AMPI 89-A-63-41-00-00A- 320B-A.
		4) Carrying out rotor brake system operation test as per AMPI 89-A-63-51-00-00A-320A-A.
		5) Filling of other liquid to the rotor brake reservoir as per AMPI 89-A-63-51-04-00A-218A-A.



3	Chapter/ATA	64 – Tail Rotor
а	Knowledge level/Task	LOC, FOT
b	Learning Objectives	To gain the required knowledge in identifying
		components location and functional test of Tail Rotors.
С	Category	B 1.3
d	Training Method	This training provides:
		 General understanding and identifying component location of tail rotor as per AMPI 89-A-64-00-00-00A-028A-A. General visual inspection of tail rotor blade assembly per AMPI 89-A-64-11-00-00A-310A-A. Performing functional test of scissors group per AMPI 89-A-64-31-02-00A-340A-A. Carrying out detailed inspection of elastomeric bearings during tail rotor blade installation as per AMPI 89-A-64-11-00-00A-311A-A.
4	Chapter/ATA	65 – Tail Rotor Drive
4 a	Chapter/ATA Knowledge level/Task	LOC, T/S, SGH
b	Learning Objectives	To gain the required knowledge in identifying
	Learning Objectives	components location, troubleshooting and servicing of Tail Rotor Drive.
С	Category	B 1.3
d	Training Method	This training provides:
		1) General understanding and identifying component location and indication system of tail rotor drive as per AMPI 89-A-65-00-00-00A-028A-A and 89-A-65-40-00-00A-028A-A.
		 Detailed inspection on components during tail rotor drive installation per AMPI 89-A-65-11-00- 00A-311A-A.
		 Detailed inspection on chip detector in tail gearbox indicating system rotor drive installation per AMPI 89-A-65-43-00-00A-311A- A.



 Troubleshooting on faulty monitoring indicating of tail rotor drive system as per AFIP Section 65- 40.
5) Detailed inspection on number 1 & 2 bearing support as per AMPI 89-A-65-11-13-00A-31AA-A and 89-A-65-11-14-00A-31AA-A.

	ROTOR FLIGHT CONTROL		
1	Chapter/ATA	67 – Rotors Flight Control	
а	Knowledge level/Task	LOC, FOT, TS	
b	Learning Objectives	To gain the required knowledge in identifying	
		components location, performing functional test and	
		troubleshooting Rotors Flight Control.	
С	Category	B 1.3	
d	Training Method	This training provides:	
		 General understanding and identifying component location of rotor flight control as per AMPI 89-A-67-00-00-00A-028A-A. Operational test of servoactuators of servo control system per AMPI 89-A-67-30-00-00A-320A-A. Leak check of main rotor servoactuators during AMPI 89-A-67-31-00-00A-364A-A. Troubleshooting of faulty system of rotor flight control as per AFIP Chapter 67-30. 	



	TURBINE ENGINES		
1	Chapter/ATA	71 – Power Plant	
а	Knowledge level/Task	LOC	
b	Learning Objectives	To gain the required knowledge in general system, identifying components location, performing general visual inspection in power plant.	
С	Category	B 1.3	
d	Training Method	This training provides: 1) General understanding in power plant system	
		as per AMPI 89-A-71-00-00-00A-028A-A.	
		General visual inspection on engine	
		components during engine installation per AMPI 89-A-71-01-00-02A-310A-A.	
2	Chapter/ATA	72 - Engine	
а	Knowledge level/Task	LOC	
b	Learning Objectives	To gain the required knowledge in general system of CT7-2E engine.	
С	Category	B 1.3	
d	Training Method	This training provides: 1) General understanding in CT7-2E engine as per CT7-2E MM 72-00-00.	
3	Chapter/ATA	73- Engine Fuel Control	
а	Knowledge level/Task	LOC	
b	Learning Objectives	To gain the required knowledge in component location of engine fuel and control.	
С	Category	B 1.3	
d	Training Method	This training provides: 1) General understanding of component location as per AMPI 89-A-71-01-00-02A-310A-A.	



Knowledge level/Task Learning Objectives	LOC, R/I
Learning Objectives	
	To gain the required knowledge in component location,
	removal and installation of engine ignition system.
Category	B 1.3
Training Method	This training provides:
	 General understanding of component location as per CT7-2E MM 74-00-00-870-801. Removal and installation of engine 1 LH igniter as per CT7-2E MM 74-00-00-400-801.
	3) Inspection of igniter as per CT7-2E MM 74-00-00-200-801.
Chapter/ATA	75 - Air
Knowledge level/Task	LOC
Learning Objectives	To gain the required knowledge in component location, of engine air system.
Category	B 1.3
Training Method	This training provides:
	 General understanding of engine air as per AMPI 89-A-75-00-00-00A-028A-A. Inspection of an Anti-Ice Star Bleed Valve as per CT7-2E MM 75-00-00-200-802.
Charles /ATA	7C Forton Controlls
•	76 – Engine Controls
	LOC, TS To gain the required knowledge in component location
Learning Objectives	and troubleshoot of engine air system
Category	B 1.3
	This training provides:
	 Troubleshooting of engine controls as per AFIP Chapter 76-10. Component location of engine controls as per AMPI 89-A-76-00-00-00A-028A.
	Chapter/ATA Knowledge level/Task Learning Objectives Category



7	Chapter/ATA	77 – Engine Indicating
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge in component location
		of engine indicating system.
С	Category	B 1.3
d	Training Method	This training provides:
		Component location of engine controls as per
		CT7-2E MM 74-00-00-400-801.
8	Chapter/ATA	78 – Exhaust
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge in component location
		of exhaust system.
С	Category	B 1.3
d	Training Method	This training provides:
		Component location of engine exhaust as per
		CT7-2E MM 74-00-00-400-801.
9	Chapter/ATA	79 – Oil
а	Knowledge level/Task	LOC
b	Learning Objectives	To gain the required knowledge in component location
		of engine oil system.
С	Category	B 1.3
d	Training Method	This training provides:
		2) Component location of engine oil system as per
		CT7-2E MM 79-00-00-870-802.