

ANNEX B TO AC 145-04 V2.3

Syllabus/record of theory/practical

Use only those portions relevant to the category, systems or exclusion that the candidate is being trained for. AMO quality assessor is to determine which aspects are to be included for an aircraft type.

AMO and location _____

AMO Quality Assessor _____

Aircraft type _____

Name of Trainee AME _____ ARN _____

ATA chapter	Required? Y/N	Elements	Theory Assessment Person/Sign/ Date	Practical Assessment Person/Sign/ Date	Quality Assurance Person/Sign/ Date
05		Time limits and maintenance checks			
06		Dimensions and areas, for example weights, maximum take-off weight (MTOW)			
07		Lifting and shoring			
08		Levelling and weighing			
09		Towing and taxiing			
10		Parking, mooring, storing and return to service			
11		Placards and markings			
12		Servicing			
		Standard practices — only type particular			
Helicopters					
18		Vibration and noise analysis (blade tracking)			
25		Emergency flotation equipment			
53		Airframe structure (helicopter)			

ATA chapter	Required? Y/N	Elements	Theory Assessment Person/Sign/ Date	Practical Assessment Person/Sign/ Date	Quality Assurance Person/Sign/ Date
60		Standard practices rotor			
62		Rotor(s)			
62A		Rotors – Monitoring and indicating			
63		Rotor drive(s)			
63A		Rotor drive(s) – Monitoring and indicating			
64		Tail rotor			
64A		Tail rotor – Monitoring and indicating			
65		Tail rotor drive– Monitoring and indicating			
65A		Tail rotor drive			
66		Folding blades and pylon			
67		Rotors flight control			
Aircraft structures					
27A		Flight control surfaces (all)			
51		Standard practices and structures (damage classification, assessment and repair)			
52		Doors			
53		Fuselage			
54		Nacelles and pylons			
55		Stabilisers			
56		Windows			
57		Wings			
		Zonal and station identification			

ATA chapter	Required? Y/N	Elements	Theory Assessment Person/Sign/ Date	Practical Assessment Person/Sign/ Date	Quality Assurance Person/Sign/ Date
		systems			
Aircraft systems					
21		Air-conditioning			
21A		Air supply			
21B		Pressurisation			
21C		Safety and warning devices			
22		Autoflight			
23		Communications			
24		Electrical power			
25		Equipment and furnishings			
25A		Electronic equipment including emergency equipment			
26		Fire protection			
27		Flight controls			
27A		Systems operation: electrical and fly-by-wire			
28		Fuel systems			
28A		Fuel systems monitoring and indicating			
29		Hydraulic power			
29A		Hydraulic power monitoring and indicating			
30		Ice and rain protection			
31		Indicating and recording systems			
31A		Instrument systems			
32		Landing gear			

ATA chapter	Required? Y/N	Elements	Theory Assessment Person/Sign/ Date	Practical Assessment Person/Sign/ Date	Quality Assurance Person/Sign/ Date
32A		Landing gear monitoring and indicating			
33		Lights			
34		Navigation			
35		Oxygen			
36		Pneumatic			
36A		Pneumatic monitoring and indicating			
37		Vacuum			
38		Water and waste			
41		Water ballast			
42		Integrated modular avionics			
44		Cabin systems			
45		On Board maintenance systems (except if the element is covered in the element for ATA chapter 31)			
46		Information systems			
50		Cargo and accessory compartments			
Turbine engines					
49		Auxiliary power (APUs)			
70		Standard practices-engines			
70A		Constructional arrangement and operation (installation, inlet, compressors, combustion section, turbine section, bearings)			

ATA chapter	Required? Y/N	Elements	Theory Assessment Person/Sign/ Date	Practical Assessment Person/Sign/ Date	Quality Assurance Person/Sign/ Date
		and seals, lubrication systems)			
70B		Engine performance			
71		Powerplant			
72		Engine turbine and turboprop and ducted fan and unducted fan			
73		Engine fuel and control			
73A		FADEC			
74		Ignition			
75		Air			
76		Engine controls			
77		Engine indicating systems			
78		Exhaust			
79		Oil			
80		Starting			
82		Water injections			
83		Accessory gearboxes			
84		Propulsion augmentation			
Piston engines					
70		Standard practices-engines			
70A		Constructional arrangement and operation (carburettors, fuel injection systems, induction, exhaust and cooling systems, supercharging/ turbocharging, lubricating			

ATA chapter	Required? Y/N	Elements	Theory Assessment Person/Sign/ Date	Practical Assessment Person/Sign/ Date	Quality Assurance Person/Sign/ Date
		systems)			
70B		Engine performance			
71		Powerplant			
73		Engine fuel and control			
73A		FADEC			
74		Ignition			
76		Engine control			
77		Engine indicating Systems			
79		Oil			
80		Starting			
81		Turbines			
82		Water injection			
83		Accessory gearboxes			
84		Propulsion augmentation			
Aeroplane propellers					
60A		Standard practices – propellers			
61		Propellers/ Propulsion			
61A		Propeller construction			
61B		Propeller pitch control			
61C		Propeller synchronising			
61D		Propeller electronic control			
61E		Propeller ice protection			
61F		Propeller maintenance			