

Module 14. Propulsion

	Level
	B2
14.1 Turbine Engines	
(a) Constructional arrangement and operation of turbojet, turbofan, turboshaft and turbopropeller engines;	1
(b) Electronic Engine control and fuel metering systems (FADEC).	2
14.2 Engine Indicating Systems	2
Exhaust gas temperature/Interstage turbine temperature systems;	
Engine speed;	
Engine Thrust Indication: Engine Pressure Ratio, engine turbine discharge pressure or jet pipe pressure systems;	
Oil pressure and temperature;	
Fuel pressure, temperature and flow;	
Manifold pressure;	
Engine torque;	
Propeller speed.	
14.3 Starting and Ignition Systems	2
Operation of engine start systems and components;	
Ignition systems and components;	
Maintenance safety requirements.	