

## SYL 1.0 AS350/E/L3

# Chapter	Chapter title	# Paragr.	Subject of course
-	Turbine Engine	1.	Standard Practices – Engines
		2.	Constructional arrangement and operation
		2.1	Turbomeca ARRIEL 2B Engine for Airbus Helicopters AS350 B3
		2.2	Turbomeca ARRIEL 2B1 Engine for Airbus Helicopters AS350 B3+
		2.3	Turbomeca ARRIEL 2D Engine for Airbus Helicopters AS350 B3e
		3.	Engine Performance
		4.	Powerplant
		4.1	Engine power control
		4.2	Variable power control
		4.3	Monitoring the gas generator (n1) and free turbine (n2) speeds
		4.4	Monitoring the gas temperature
		4.5	Principle of torque detection on the torquemeter shaft
		5.	Turboshaft Engine
		6.	Engine Fuel and control
		6.1	Operating principle of the twist grip
		6.2	Operating principle of the fuel metering unit
		6.3	Description of the back-up governing (EBCAU)
		6.4	Operation of the back-up governing (EBCAU)
		6.5	Engine control system components and their location
		7.	Air system
		8.	Oil
8.1	Engine oil cooling system and monitoring system		
8.2	System components		
8.3	Operation of engine oil cooling system		
8.4	Engine lubrication system monitoring		
8.5	Component location and main features		
9.	Starting		
9.1	Engine starting system		

# Chapter	Chapter title	# Paragr.	Subject of course
		9.2	Engine starting system electrical scheme
		9.3	Operation of the engine starting system
		9.4	Location of starting system components
		10.	Accessory Gear Boxes
		11.	Ignition system
		12.	Engine Indicating Systems