



PCAWO M3000 Syllabus

No	Topics
	Automatic Pilots—Aeroplanes/ Rotocraft
1	Flight Control Interface
2	Error Signals
3	Signal Processing
4	Demand Signals
5	Command Signal Outputs
6	Yaw Dampers
7	Pitch Trim Systems
8	Mach Trim
9	Alpha Trim
10	Auto-stabilisers
11	C of G Trimmers
12	Automatic Throttle Systems
13	Automatic Landing Systems
14	Flight Directors System
15	Radio Navigational Aids
16	Theory of Flight (Rotorcraft)
17	Rotorcraft Automatic Flight Control Systems (AFCS)
	Electrical Fundamentals
18	Basic Electrical Theory
19	Electrical Components
20	Batteries
21	Alternating Current Theory
22	Measuring Instruments
	Servomechanisms and Electronics
23	Error Signals
24	Signal Processing Devices
25	Control Systems
26	Semiconductors
27	Electronic Circuits
28	Digital test Equipment

Total Hours: 60 Hours