

Part-BFCL BPL Examinations – 100 Balloon Systems, Planning and Procedures

Syllabus Reference	AMC1 BFCL.130 Reference	Syllabus Details & Associated Learning Objective
023.00.00.00	8	AIRCRAFT GENERAL KNOWLEDGE
023.01.00.00	8.1	System design, loads, stresses and maintenance
023.02.00.00	8.2	Envelope
023.03.01.00	8.3.1	Burner (hot-air balloons only)
023.03.02.00	8.3.2	Basket
023.04.01.00	8.4.1	Fuel cylinders (hot-air balloons only)
023.04.02.00	8.4.2	Lifting gas (gas balloons only)
023.05.00.00	8.5	Ballast (gas balloons only)
023.06.00.00	8.6	Fuel (hot-air balloons only)
023.07.00.00	8.7	Instruments
023.08.00.00	8.8	Emergency equipment
035.00.00.00	7	FLIGHT PERFORMANCE AND PLANNING
035.01.00.00	7.1	Mass
035.01.01.00	7.1.1	Purpose of mass considerations
035.01.02.00	7.1.2	Loading
035.02.00.00	7.2	Performance
035.02.01.00	7.2.1	Performance: general
035.03.00.00	7.3	Flight planning and flight monitoring
035.03.01.00	7.3.1	Flight planning: general
035.03.02.01	7.3.2.1	Fuel planning (hot-air balloons only)
035.03.02.02	7.3.2.2	Ballast planning (gas balloons only)
035.03.03.00	7.3.3	Pre-flight preparation
035.03.04.00	7.3.4	ICAO flight plan (ATS flight plan)
035.03.05.00	7.3.5	Flight monitoring and in-flight re-planning
071.00.00.00	6	OPERATIONAL PROCEDURES
071.01.00.00	6.1	General requirements
071.02.00.00	6.2	Special operational procedures and hazards (general aspects)
071.03.00.00	6.3	Emergency procedures
083.00.00.00	5	PRINCIPLES OF FLIGHT
083.01.00.00	5.1	Principles of flight
083.02.00.00	5.2	Aerostatics
083.03.00.00	5.3	Loading limitations
083.04.00.00	5.4	Operational limitations