

Appendix III Private Pilot Licence written examination syllabus

Air law

Candidates are required to have a broad knowledge of the purpose and content of the following documents or groups of documents:

Civil Aviation Act 2000.

Civil Aviation Rules (CARs).

Civil Aviation Advisory Circulars (ACs).

Papua New Guinea Aeronautical Information Publication (PNGAIP):
Volume 1 and AGA
Flight Supplement

Visual Terminal Charts

Civil Aviation Act 2000

Candidates are required to have knowledge of the following sections of the Act:

63 – Duties of Pilot-in-Command

64 – Duties of Pilot-in-Command and operator during emergencies

Civil Aviation Rules (CARs)

Candidate must demonstrate knowledge of the following Rules parts. The level of knowledge for each section of the Rules is specified by the following grading.

Level Standard

- 1 Candidates are to thoroughly understand the operational provisions of this essential knowledge.
- 2 Candidates are to have a working understanding of this knowledge.

CAR Part 1 - Definitions and abbreviations

Definitions

Candidates must demonstrate a working understanding (Level 2) of the meaning of the following terms:

Accident	Aerobatic flight
Aerodrome	Aerodrome control service
Aerodrome Control Tower	Aerodrome Flight Information service
Aerodrome operational area	Aerodrome Traffic
Aerodrome traffic circuit	Aerodrome Traffic Zone
Aeronautical Information Circular	Aeronautical Information Publication (AIP)
AIP Supplement	Aeroplane
Aircraft	Aircraft Flight Manual

Aircraft radio station	Air Traffic
Air Traffic Control (ATC) service	Air Traffic Service
Airworthiness certificate	Airworthy condition
Alerting service	Altitude
Apron	ATC clearance
Aviation Medical Assessor	Clearance limit
Control area	Controlled airspace
Controlled flight	Control zone
Cost sharing flight	Cross county flight
Cruising level	Day
Designated Medical Examiner	Document
Dual flight time	Fit and proper person
Flight Examiner	Flight Information service
Flight instruction	Flight plan
Flight time	General Aviation Area
Incident	Manoeuvring area
Movement area	Night
NOTAM	Operate
Owner	Pilot-in-command
Rating	SARTIME
SIGMET information	Synthetic flight trainer
Take-off weight	Taxi
Type	Valid
VFR flight	Visibility
Visual Meteorological Conditions	

Abbreviations

Candidates must have an awareness (generally Level 2) of the abbreviations listed in CAR Part I.

CAR PART 12 - Accidents Incidents and Statistics

Section		Level
	General	
12.3	Definitions	1
	Notification, Investigation and Reporting of Occurrences	
12.51	Notification of an accident	1
12.53	Details of an accident	1
12.55	Notification of an incident	1
12.57	Details of an incident	1

CAR PART 61 - Pilot Licences and Ratings

Section		Level
	General	
61.5	Licences and ratings	2
61.13	Written examinations - prerequisites and grades	2
61.15	Cheating or other unauthorised conduct	1
61.17	Flight test prerequisites	2
61.19	Flight tests - general procedures	2
61.25	Pilot logbooks - general	1
61.29	Pilot logbooks – crediting ground time	1
61.31	Medical requirements	1
61.33	Recent flight experience	1
61.35	Biennial Flight Review	1
61.39	Examination for continued fitness or proficiency	2
	Aircraft Type Ratings	
61.53	Eligibility requirements	2
61.55	Aircraft type ratings	2
	Student Pilots	
61.133	General	2
61.137	Privileges and solo flight requirements	1
61.139	Limitations	1
	Private Pilot Licences	
61.153	Eligibility requirements	2
61.155	Privileges and limitations	1

CAR PART 61 - Pilot Licences and Ratings

Section		Level
61.157	Currency requirements	1

CAR PART 67 - Medical Standards and Certification

Section		Level
	Medical Certification	
67.51	Application	2
67.55	Issue of Medical Certificates	2
67.57	Duration of Medical Certificates	1
	Medical Standards	
67.107	Class 2 medical certificate	1
67.109	Class 3 medical certificate	1
	Responsibilities of medical certificate holders	
67.203	Changes in medical conditions	1
67.205	Continuance of functions	1

CAR PART 71 - Designation of Airspace

Section		Level
	General	
71.13	Visual reporting points	1
71.15	QNH zones	2
	Requirements of Designated Airspace	
71.51	Control areas	1
71.53	Control zones	1
71.55	Aerodrome traffic zones	1
71.57	Mandatory Broadcast Zones	1
71.59	VFR transit lanes	2
	Airspace Classification	
71.105	Class C airspace	1
71.107	Class D airspace	1
71.109	Class E airspace	1
71.111	Class F airspace	

CAR PART 71 - Designation of Airspace

Section		Level
71.113	Class G airspace	1

CAR Part 73 – Special Use Airspace

Section		Level
	Airspace Designation	
73.53	Restricted areas	1
73.55	Danger areas	1
73.57	Prohibited areas	1
73.59	Low flying areas	1
73.63	Temporary airspace	1

CAR PART 91 - General Operating and Flight Rules

Section		Level
	General	
91.9	Carriage and discharge of firearms	1
	Operating Rules	
91.101	Aircraft airworthiness	1
91.109	Aircraft flight manual	1
91.111	Documents to be carried	1
91.125	Simulated instrument flight	1
91.127	Use of aerodromes	1
91.129	Restricted danger and prohibited areas	1
91.131	Low flying areas	1
91.133	Volcanic hazard areas	1
91.135	Mandatory Broadcast Zones	1
	General Flight Rules	
91.201	Safety of aircraft	1
91.203	Authority of pilot-in-command	1

CAR PART 91 - General Operating and Flight Rules

Section		Level
91.207	Occupation of seats and wearing of restraints	1
91.209	Use of oxygen equipment	1
91.211	Passenger briefing	1
91.213	Carry-on baggage	1
91.217	Pre-flight actions	1
91.219	Familiarity with operating limitations and emergency equipment	1
91.221	Flying equipment and operating information	1
91.223	Operating on and in the vicinity of an aerodrome	1
91.225	Radio communications for operations on or in the vicinity of aerodromes	1
91.227	Operating near other aircraft	1
91.229	Right-of-way rules	1
91.235	Dropping of objects	1
91.239	Altimeter settings	1
91.241	Compliance with ATC clearances and instructions	1
91.243	ATC light signals	1
91.245	Operations in classified and designated airspace	1
91.249	Use of SSR transponder and altitude reporting equipment	1
91.251	Aircraft callsigns	1
	Visual Flight Rules	
91.301	VFR meteorological minima	1
91.303	Special VFR weather minima	1
91.305	Fuel requirements for flight under VFR	1
91.307	VFR flight plans	1
91.309	Position reports	1
91.311	Minimum heights for VFR flights	1
91.313	VFR cruising altitude and flight level	1
	Instrument and Equipment Requirements	

CAR PART 91 - General Operating and Flight Rules

Section		Level
91.501	General requirements	1
91.505	Seating and restraints	1
91.509	Minimum instruments and equipment	1
91.511	Night instruments and equipment	1
91.513	VFR communication equipment	1
91.515	Communication and navigation equipment VFR over water	1
91.523	Emergency Equipment	
91.525	Flights over water	1
91.529	Emergency locator transmitter	1
91.537	Inoperative instruments and equipment	1
	Operator Maintenance Requirements	
91.617	Operation after maintenance	1
91.629	Technical log	1
	Special Flight Operations	
91.701	Aerobatic flight	2
91.709	Towing gliders	2
91.711	Towing objects other than gliders	2

CAR PART 92 – Carriage of Dangerous Goods

Section

General

92.7	General Carriage Requirements	2
92.11	Exceptions	2
92.13	Carriage by passenger or crew member	2

Advisory circulars

Candidates must have a working knowledge of the following subparts of the current Advisory Circulars:

- AC 12-1 Mandatory Occurrence Notification and Information
- AC 61-2 Aircraft type rating

AC 61-3 Aircraft class rating
AC 61-4 Student pilot licence
AC 61-5 Private pilot licence

PNG Aeronautical Information Publication

Volume 1

Candidates for the Private Pilot licence must have a satisfactory working knowledge of the information contained in the PNGAIP Volume 1, particularly the following sections:

GEN Section

COM Section

MET Section

SAR Section

Flight Supplement

Candidates for the Private Pilot licence must have a satisfactory working knowledge of the information contained in the PNGAIP Flight Supplement, particularly the following:

Aerodrome landing charts
Emergency