

Flight Syllabus

#	Lesson	PGI	Dual	Solo	Inst	Total
1	Basic Manoeuvring 1	1.0	1.0			1.0
2	Basic Manoeuvring 2	1.0	1.4			2.4
3	Upper Air Work 1	1.5	1.5			3.9
4	Upper Air Work 2	1.0	1.5			5.4
5	Circuits 1	0.5	1.4			6.8
6	Circuits 2	0.5	1.4			8.2
7	Circuits 3	0.5	1.4			9.6
8	Circuits 4	0.3	1.3			10.9
9	First Solo			0.3		11.2
10	Circuits 5		0.6			11.8
11	Circuits 6			1.0		12.8
12	Upper Air Work 3	1.2	2.0		0.6	14.8
13	Circuits 7			1.2		16.0
14	Lower Air Work 1	1.2	2.0		0.6	18.0
15	Circuits 8			1.2		19.2
16	Lower Air Work 2	0.8	2.0		0.6	21.2
17	Upper Air Work 4			1.8		23.0
18	Lower Air Work 3			1.8		24.8
19	Review 1		1.8			26.6
20	RPP Flight Test		1.2			27.8
21	Cross Country 1	1.0	2.0		1.0	29.8
22	Cross Country 2	0.8	3.0			32.8
23	Cross Country 3	0.5		3.0		35.8
24	Instrument 1		1.2		1.0	37.0
25	Review 2	0.8	1.6		0.6	38.6
26	Review 3	0.3	1.6		0.6	40.2
27	PPL Flight Test	0.4	1.6			41.8
28	Cross Country 4	0.3		3.2		45.0
TOTAL		13.5	31.5	13.5	5.0	45.0

Note: all flight times are estimates and geared towards ideal students. The student to achieve required standard prior to advancing to subsequent lessons.

Lesson 1 Basic Manoeuvring 1

Date: _____ Instructor: _____ Dual 1.0h

Min. Wx: 1500', Horizon visible, 20kt wind.

Alternate Lesson: nil

Aim: To introduce the student to the basic aircraft attitudes, movements, and manoeuvres.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
5	Attitudes and Movements	*	*	*			
6	Straight and Level Flight	*	*	*			
7	Climbing		*				
8	Descending		*				
9	Turns		*				
	Safety-Control & Lookout						
	Weather (brief only)						
	Airworthiness (brief only)						

Post-Flight Debriefing:

Lesson 2 Basic Manoeuvring 2

Date: _____ Instructor: _____ Dual 1.4h

Min. Wx: 1500', Horizon visible, 20 kt wind.

Alternate Lesson: nil

Aim: To introduce the student to the basic aircraft attitudes, movements, and manoeuvres.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
4	Taxiing	*	*	*			
5	Attitudes and Movements				*		
6	Straight and Level Flight				*		
7	Climbing	*	*	*			
8	Descending	*	*	*			
8	Go around	*	*	*			
9	Turns	*	*	*			
9	Climb./Des. Turns		*	*			
8	Descending turns to line		*	*			
9s	Steep Turns		*				
	Safety-Control & Lookout						

Post-Flight Debriefing:

Lesson 3 Introduction to Upper Air Work 1

Date: _____ Instructor: _____ Dual 1.5h

Min. Wx: 2500', Horizon visible, 20 kt wind.

Alternate Lesson: Circuits, Instrument flight.

Aim: To introduce the student to upper air work manoeuvres including steep turns, slow flight, and stalls.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Pre-Flight Inspection	*	*				
3	Mixture Control	*	*				
7	Climbing				*		
8	Descending turns to line				*		
8	Go around				*		
9s	Steep Turns	*	*	*			
10	Range and Endurance	*	*	*			
11	Slow Flight	*	*	*			
12	Stalls	*	*	*			
16	Take-off		*				
17	Circuit		*				
18	Landing		*				
30	Radio Communication		*				

Post-Flight Debriefing:

Lesson 4 Introduction to Upper Air Work 2

Date: _____ Instructor: _____ Dual 1.5h

Min. Wx: 2500', Horizon visible, 20 kt wind.

Alternate Lesson: Circuits, Instrument flight.

Aim: To introduce the student to upper air work manoeuvres including spins, spiral dives, and slips.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Pre-Flight Inspection			*			
4	Taxiing			*			
9s	Steep Turns				*		
10	Range and Endurance				*		
11	Slow Flight				*		
12	Stalls				*		
13	Spins	*	*				
14	Spiral Dives	*	*	*			
15	Slips	*	*	*			
16	Take-off	*	*	*			
17	Circuit to go-around	*	*	*			
18	Landing	*	*				
30	Radio Communication		*				

Post-Flight Debriefing:

Lesson 5 Circuits 1

Date: _____ Instructor: _____ Dual 1.4h

Min. Wx: 1500', 15 kt wind.

Alternate Lesson: nil

Aim: To introduce the student to take-off's, the circuit and landing as well as radio work.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Aircraft Documents	*	*				
2	Weather	*	*				
3	Carb Heat Control	*	*	*			
4	Taxiing			*			
16	Take-off			*			
17	Circuit			*			
18	Landing			*			
29	Engine Fire on Start	*					
30	Radio Communication			*			

Post-Flight Debriefing:

Lesson 6 Circuits 2

Date: _____ Instructor: _____ Dual 1.4h

Min. Wx: 1500', 15 kt wind.

Alternate Lesson: nil

Aim: To allow the student to practise normal take-off's, circuits, and landing.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Weight and Balance	*	*				
3	Mixture Control	*	*	*			
4	Taxiing			*			
16	Take-off			*			
17	Circuit			*			
18	Landing			*			
29	Electrical Discharge	*					
30	Radio Communication			*			
17	Runway Change	*	*	*			

Post-Flight Debriefing:

Lesson 7 Circuits 3

Date: _____ Instructor: _____ Dual 1.4h

Min. Wx: 1500', 15 kt wind.

Alternate Lesson: nil

Aim: To allow the student to practise normal take-off's, circuits, and landing.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Journey Log	*	*				
2	NOTAM's	*	*				
3	Heating and Ventilation	*	*	*			
4	Taxiing				*		
16	Take-off						3/
17	Circuit						3/
18	Landing						3/
16	Crosswind Take-off	*	*	*			2/
18	Crosswind Landing	*	*	*			2/
30	Radio Communication			*			

Post-Flight Debriefing:

Lesson 8 Circuits 4

Date: _____ Instructor: _____ Dual 1.3h

Min. Wx: 1500', 15 kt wind.

Alternate Lesson: nil

Aim: To allow the student to practise normal take-off's, circuits, and landing.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
1	Journey Log-Defects	*					
16	Take-off						3/
17	Circuit						3/
18	Landing						3/
29	Flapless Landing	*	*	*			
29	Electrical Fire	*					
29	Engine Failure	*	*	*			
29	Engine Fire in Flight	*	*	*			
29	Engine Failure on T/O	*	*	*			

Post-Flight Debriefing:

Lesson 9 First Solo

Date: _____ Instructor: _____ Solo 0.3h

Min. Wx: 1500', 10 kt wind.

Alternate Lesson: nil

Aim: To allow the student to conduct a solo circuit under instructor supervision.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
16	Take-off					*	
17	Circuit					*	
18	Landing					*	
30	Radio Communication					*	

Post-Flight Debriefing:

Lesson 10 Circuits 5

Date: _____ Instructor: _____ Dual 0.6h

Min. Wx: 1000', 25 kt wind.

Alternate Lesson: Upper Air Work, Instrument Flight

Aim: To review normal and crosswind take-off's, and landings preparing the student for extended solo circuit practise.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Cert of Airworthiness	*					
16	Take-off				*		
17	Circuit				*		
18	Landing				*		
16	Crosswind Take-off				*		
18	Crosswind Landing				*		
16	Soft Field Take-off		*				
18	Soft Field Landing		*				
29	Landing with Flat Tire	*	*	*			
29	Ditching	*					

Post-Flight Debriefing:

Lesson 11 Circuits 6

Date: _____ Instructor: _____ Solo 1.0h

Min. Wx: 1500', 15 kt wind.

Alternate Lesson: Upper Air Work, Instrument Flight

Aim: To allow the student to practise solo normal take-off's, and landings to build the student's confidence.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Cert. of Registration	*					
16	Take-off					*	
17	Circuit					*	
18	Landing					*	
16	Crosswind Take-off					*	
18	Crosswind Landing					*	
29	Cabin Fire	*					
29	Wing Fire	*					

Post-Flight Debriefing:

Lesson 12 Upper Air Work 3

Date: _____ Instructor: _____ Dual 2.0h

Min. Wx: 2000', 25 kt wind. Inst. 0.6h

Alternate Lesson: Lower Air Work, Instrument Flight

Aim: To review all upper air work, teach the soft field landing, and introduce instrument flying.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Weather				*		
16	Soft Field Take-off	*	*	*			
18	Soft Field Landing	*	*	*			
9s	Steep Turns				*		
11	Slow Flight				*		
12	Stalls				*		
13	Spins		*	*			
14	Spiral Dives				*		
15	Slips				*		
23	Pilotage	*	*				
24	Full Panel Instrument	*	*	*			
29	Engine Failure in Circuit						3/
22	Forced Approach		*				

Post-Flight Debriefing:

Lesson 13 Circuits 6

Date: _____ Instructor: _____ Solo 1.2h

Min. Wx: 1500', 15 kt wind.

Alternate Lesson: Upper/Lower Air Work, Instrument Flight

Aim: To have the student practice soft field take-off's, and landings.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	NOTAMs	*					
2	Journey Log–Mtc Sched	*					
16	Soft Field Take-off					*	
18	Soft Field Landing					*	
29	Ditching	*					
29	Pitot/Static Blockage	*					

Post-Flight Debriefing:

Lesson 14 Lower Air Work 1

Date: _____ Instructor: _____

Dual 2.0h

Min. Wx: 1500', 25 kt wind.

Inst. 0.6h

Alternate Lesson: nil

Aim: To evaluate the student's upper air work and introduce the student to forced approaches.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	POH	*					
9s	Steep Turns						3/
11	Slow Flight						3/
12	Stalls						3/
13	Spins						3/
14	Spiral Dives						3/
15	Slips						3/
16	Short Field Take-off	*	*	*			
18	Short Field Landing	*	*	*			
20	Illusions Caused by Drift	*	*	*			
22	Forced Approaches	*	*	*			
23	Pilotage			*			
24	Full Panel Instrument			*			
23	Diversions		*				

Post-Flight Debriefing:

Lesson 15 Circuits 7

Date: _____ Instructor: _____ Solo 1.2h

Min. Wx: 1500', 20 kt wind.

Alternate Lesson: Upper/Lower Air Work, Instrument Flight

Aim: To allow the student to practise soft and short field take-off's, and landings solo.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Review of Documents				*		
16	Soft Field Take-off					*	
18	Soft Field Landing					*	
16	Short Field Take-off					*	
18	Short Field Landing					*	

Post-Flight Debriefing:

Lesson 16 Lower Air Work 2

Date: _____ Instructor: _____

Dual 2.0h

Min. Wx: 1500', 25 kt wind.

Inst. 0.6h

Alternate Lesson: nil

Aim: To teach the student diversions and precautionary approaches.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Aircraft Knowledge						3/
16	Obstacle Take-off	*	*	*			
18	Obstacle Landing	*	*	*			
22	Forced Approaches				*		
23	Diversions	*	*	*			
21	Precautionary Landings	*	*	*			
24	Full Panel Instrument				*		
24	Unusual Attitudes	*	*	*			
29	Rough Engine or Overheat	*					

Post-Flight Debriefing:

Lesson 17 Upper Air Work 4

Date: _____ Instructor: _____ Solo 1.8h

Min. Wx: 2500', 20 kt wind.

Alternate Lesson: Instrument Flight

Aim: To allow the student to practise all upper air work solo and practise navigating to/from the practise area.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
9s	Steep Turns					*	
11	Slow Flight					*	
12	Stalls					*	
15	Slips					*	
16	Short Field Take-off					*	
18	Short Field Landing					*	
16	Soft Field Take-off					*	
18	Soft Field Landing					*	
16	Obstacle Take-off					*	
18	Obstacle Landing					*	
29	Loss of Oil Pressure	*					

Post-Flight Debriefing:

Lesson 18 Lower Air Work 3

Date: _____ Instructor: _____ Solo 1.8h

Min. Wx: 2000', 20 kt wind.

Alternate Lesson: Instrument Flight

Aim: To allow the student to practise forced approaches, diversions, and precautionary landings solo.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
9s	Steep Turns					*	
11	Slow Flight					*	
12	Stalls					*	
15	Slips					*	
21	Precautionary Landings					*	
22	Forced Approaches					*	
23	Diversions					*	
16	Short Field Take-off					*	
18	Short Field Landing					*	
16	Soft Field Take-off					*	
18	Soft Field Landing					*	
16	Obstacle Take-off					*	
18	Obstacle Landing					*	
16	Short Field Take-off					*	
29	Partial Power Failure	*					

Post-Flight Debriefing:

Lesson 19 Review 1

Date: _____ Instructor: _____ Dual 1.8h

Min. Wx: 2000', 25 kt wind.

Alternate Lesson: Instrument Flight

Aim: To conduct a final evaluation on the student's flying abilities prior to the private pilot licence flight test.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Documents						3/
2	Airplane Performance						3/
2	Weight & Balance						3/
2	Pre-flight Inspection						3/
2	Eng. Starting, Checklists						3/
4	Taxiing						3/
11	Slow Flight						3/
12	Stalls						3/
14	Spirals						3/
15	Slips						3/
22	Forced Approach						3/
21	Precautionary Landing						3/
23	Navigation						3/
16	Take-off						3/
18	Landing						3/
17	Circuit						3/
16	Take-off						3/
18	Landing						3/
29	Emergency						3/

Post-Flight Debriefing:

Lesson 20 Recreational Pilot Permit Flight Test

Date: _____ Examiner: _____ Dual 1.2h

Aim: To complete the flight test for the Private Pilot Licence

Post-Flight Debriefing:

Lesson 21 Cross Country 1

Date: _____ Instructor: _____

Dual 2.0h

Min. Wx: 2000', 25 kt wind.

Inst 1.0h

Alternate Lesson: Instrument Flight

Aim: To introduce the student cross country pre-flight preparation and enroute navigation.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
23	Pre-Flight Planning			*			
23	Set Heading Procedure	*	*	*			
23	Enroute Procedure	*	*	*			
24	Full Panel Instrument				*		
24	Unusual Attitudes				*		
23	Diversions				*		
29	In-flight Icing	*					

Post-Flight Debriefing:

Lesson 22 Cross Country 2

Date: _____ Instructor: _____ Dual 3.0h

Min. Wx: 2000', 25 kt wind. Inst 1.0h

Alternate Lesson: Lower Air Work, Instrument Flight

Aim: To allow the student to conduct a dual cross-country flight.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
23	Pre-Flight Planning						/3
23	Set Heading Procedure						/3
23	Enroute Procedure						/3
29	Emergencies						/3

Post-Flight Debriefing:

Lesson 23 Cross Country 3

Date: _____ Instructor: _____

Solo 3.0h

Aim: To observe the student plan and conduct an extended cross-country flight.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
23	Pre-Flight Planning					*	
23	Set Heading Procedure					*	
23	Enroute Procedure					*	

Post-Flight Debriefing:

Lesson 24 Instrument 1

Date: _____ Instructor: _____

Dual 1.2h

Inst. 1.0h

Aim: To evaluate the student’s abilities to fly in instrument conditions and recover from unusual attitudes as well as introduce nav aids.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Aircraft Documents				*		
24	Full Panel Instrument						3/
24	Unusual Attitudes						3/
24	Nav aids	*	*	*			
30	Pitot/Static Failure	*	*	*			
24	Partial Panel Instrument	*	*	*			
30	Gyro Failure	*					

Post-Flight Debriefing:

Lesson 25 Review 2

Date: _____ Instructor: _____

Dual 1.6h

Inst. 0.6h

Aim: To evaluate the student on all items covered on the Private Pilot Licence Flight Test.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Preparation for Flight						
23	Pre-Flight Planning						3/
23	Set Heading Procedure						3/
23	Enroute Procedure						3/
9s	Steep Turns						3/
11	Slow Flight						3/
12	Stalls						3/
13	Spins						3/
15	Slips						3/
22	Forced Approach						3/
21	Precautionary Landing						3/
23	Diversion						3/
24	Full Panel Instrument						3/
24	Unusual Attitudes						3/
16	Take-off						3/
18	Landing						3/
17	Circuit						3/
16	Take-off						3/
18	Landing						3/
	Emergency						3/

Post-Flight Debriefing:

Lesson 27 Review 3

Date: _____ Instructor: _____

Dual 1.6h

Inst. 0.6h

Aim: To conduct a final evaluation on the student’s flying abilities prior to the private pilot licence flight test.

#	Exercise	PGI	Demonstration	Student Performance	Review	Solo Practice	Evaluate
2	Preparation for Flight						3/
23	Pre-Flight Planning						3/
23	Set Heading Procedure						3/
23	Enroute Procedure						3/
9s	Steep Turns						3/
11	Slow Flight						3/
12	Stalls						3/
13	Spins						3/
15	Slips						3/
22	Forced Approach						3/
21	Precautionary Landing						3/
23	Diversion						3/
24	Full Panel Instrument						3/
24	Unusual Attitudes						3/
16	Take-off						3/
18	Landing						3/
17	Circuit						3/
16	Take-off						3/
18	Landing						3/
	Emergency						

Post-Flight Debriefing:

Lesson 27 Private Pilot License Flight Test

Date: _____ Examiner: _____ Dual 1.6h

Aim: To complete the flight test for the Private Pilot Licence

Post-Flight Debriefing:

