

**Rainbow Air School - Circus**  
Student Training File

**Student Personal Information**

<b>Student Name</b>			
<b>Physical Address</b>			
		<b>Code</b>	
<b>Postal Address</b>			
		<b>Code</b>	

<b>ID Number</b>			
<b>Telephone Numbers</b>	<b>Home</b>		
	<b>Work</b>		
	<b>Cell</b>		
<b>e-Mail Address</b>			

<b>Next of Kin</b>			
<b>Relationship</b>			
<b>Contact Numbers</b>	<b>Home</b>		
	<b>Work</b>		
	<b>Cell</b>		

<b>Medical Aid Details</b>	<b>Scheme Name</b>		
	<b>Membership Number</b>		
	<b>Personal Physician</b>		
	<b>Contact Number</b>		

<b>Flying Medical Date</b>	<b>Valid from</b>		<b>To</b>	
<b>Student licence number</b>		<b>Expiry Date</b>		
<b>Membership Fees</b>	<b>R</b>			
<b>Annual Subscription</b>	<b>R</b>			
<b>Excess Insurance Payment</b>	<b>R</b>			
<b>Club Membership Number</b>				
<b>Excess Insurance Number</b>		<b>Expiry Date</b>		

**Rainbow Air School - Circus**  
**Student Training File**

STUDENT NAME

**STUDENT FILE CONTENTS**

1. Control Sheet
2. Licence Process Sheet
3. Student Financial Record
4. Pre-flight Inspection
5. Sequence of Exercises
6. Student Progress Listing
7. Pre-solo Check List and Circuit Training Requirements
8. Component Completion Record
9. Training Debrief Sheets
10. Exams
  - 10.1 Aircraft Technical
  - 10.2 Pre-Solo (Student License Exam)
11. Indemnity
12. Local Rules
13. Personal File
  - 13.1 Copy of ID
  - 13.2 2 x Photos
  - 13.3 Medical Certificate

# Rainbow Air School - Circus Student Training File

## STUDENT FILE CONTROL SHEET

STUDENT NAME

Personal Details Form Completed

Indemnity Signed

Local Rules

MISASA Membership (if applicable)

Theory Course Payment

Starter Pack Received

Insurance

Medical                      Class \_\_\_\_\_ Expires \_\_\_\_\_

ID Photos

Copy of ID

Pre – Solo Exam

Aircraft Technical Exam

SPL Application

SPL Obtained                      Date \_\_\_\_\_ Expires \_\_\_\_\_

License Number                      \_\_\_\_\_

Date of First Solo                      Date \_\_\_\_\_

Cleared for Solo in Logbook

Cleared for Solo GF in Logbook

Radio Course Completed

Radio License Obtained

Date Done	Passed	Signed

**Pass Mark %**

Theory Courses

Principles of Flight                      \_\_\_\_\_

Engine and Airframes                      \_\_\_\_\_

Air Law                      \_\_\_\_\_

Radio                      \_\_\_\_\_

Meteorology                      \_\_\_\_\_

Navigation                      \_\_\_\_\_

Human Performance                      \_\_\_\_\_

Flight Planning (PPL)                      \_\_\_\_\_

CFI Check 1 (10 Hours)

CFI Check 2 (20 Hours)

Flight Test preparation

Cross Country Flight Test

Practical Flight Test

Licence Application

Licence Obtained


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**LICENSE PROCESS SHEET**

PROCESS
Initial Forms
<ul style="list-style-type: none"> <li>○ Indemnity</li> <li>○ Student Pilot Information</li> <li>○ Accident Agreement</li> <li>○ Student Account Sheet</li> <li>○ Progress Sheet</li> </ul>
Lecture Notes, Books and Other
<ul style="list-style-type: none"> <li>○ Rainbow RAASA Syllabus</li> <li>○ Lecture Notes / Exam Prep, Air Law, Maps, Rotax Engine, Radio Work</li> <li>○ Check Lists</li> <li>○ Radio Telephony Book</li> <li>○ Jim Davis PPL Book</li> <li>○ Pilot Log Book</li> </ul>
Student Pilot License
<ul style="list-style-type: none"> <li>○ Class 4 Medical Certificate (&lt;40 Valid 5 Years / &gt;40 Valid 3 Years)</li> <li>○ Student Pilots License Application</li> <li>○ Pre-Solo Exam Completed</li> <li>○ Pre-solo check list complied with</li> <li>○ 2 Colour Photographs</li> <li>○ Certified Copy of ID</li> <li>○ Student Pilot Licence</li> </ul>
Light Sports Aircraft License
<p><b>Theory Exams Completed</b></p> <ul style="list-style-type: none"> <li>○ Principles of Flight</li> <li>○ Engines and Airframes</li> <li>○ Meteorology</li> <li>○ Navigation</li> <li>○ Air Law</li> <li>○ Human Performance Limitations</li> <li>○ Radio Telephony</li> <li>○ Radio Licence Lecture</li> <li>○ 15 hrs Solo</li> <li>○ 1 of 2 Dual Cross Countries</li> <li>○ 2 of 2 Dual Cross Countries</li> <li>○ 1 Solo Cross Country</li> <li>○ 3 Hours Dual &amp; 2 Hours Solo Controlled Airspace Flying</li> <li>○ Pilot Licence Application</li> <li>○ Flight Test Report</li> <li>○ Log Book Summary</li> <li>○ Certified copy of Log Book</li> </ul>

## Rainbow Air School - Circus Student Training File

### The National Pilot's Licence

To obtain your National Pilot's Licence you need to do a minimum of 35 hours of flight training. 20 hours must be done with an instructor and 15 hours must be solo (flying alone). Included in these hours you must complete 5 hours of solo cross-country flight time. You must be at least 17 years of age to qualify for a National Pilot's Licence. You must also be medically fit and able to pass a medical examination through an approved South African Aviation Medical Examiner. The medical examination includes chest x-rays, ECG, vision and hearing tests – and yes, you can fly with spectacles.

There are no minimum requirements for becoming a trainee, but you need to be literate in English and able to understand basic mathematics. The three basic requirements for becoming a good pilot are common sense, a desire to learn to fly and a willingness to stay within the boundaries of both flight regulations and personal piloting ability.

You will be required to write and pass examinations on Air Law, Meteorology, Navigation, Flight Planning, Principles of Flight, Human Performance and basic Technical and engine performance of the aircraft used for training. You will also be required to write and pass an examination on Radiotelephony to gain a Restricted Radiotelephony Operators Licence. Ground courses are available on the required subjects. Finally you will have to pass a practical general flight test as well as a practical navigation exercise conducted by a Grade A or Grade B flight instructor.

Once you have a valid National Pilot's Licence, you will be able to fly, within the limits of any rating held, as pilot-in-command of any aircraft endorsed on your licence and carry passengers, but not for hire or reward.

## Rainbow Air School - Circus Student Training File

STUDENT NAME

### STUDENT FINANCIAL RECORD

DATE	FLIGHT TIME	DESCRIPTION	AMOUNT CHARGED/PAID	RUNNING TOTAL	SIGNATURE

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**PRE-FLIGHT INSPECTION LOG**

STUDENT NAME

Date	Fuel (litres/gals)	Endurance (hrs)	Oil qty	QNH	Temp	Hobbs before/after	Hours to next MPI
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**Rainbow Air School - Circus**  
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**Sequence of Instruction Exercises**

<b>Exercise 1</b>	<b>Familiarisation with the aircraft</b>
<b>Exercise 1E</b>	<b>Emergency drills (with respect to ground emergencies)</b>
<b>Exercise 2</b>	<b>Preparation for and action after flight</b>
<b>Exercise 3</b>	<b>Air experience</b>
<b>Exercise 4</b>	<b>Effect of controls</b>
<b>Exercise 5</b>	<b>Taxiing</b>
<b>Exercise 5E</b>	<b>Emergencies (with respect to braking and steering)</b>
<b>Exercise 6</b>	<b>Straight and level</b>
<b>Exercise 7</b>	<b>Climbing</b>
<b>Exercise 8</b>	<b>Descending</b>
<b>Exercise 9</b>	<b>Turning</b>
<b>Exercise 10A</b>	<b>Slow flight</b>
<b>Exercise 10B</b>	<b>Stalling</b>
<b>Exercise 11</b>	<b>Spin avoidance</b>
<b>Exercise 12</b>	<b>Take-off and climb to downwind position</b>
<b>Exercise 13</b>	<b>Circuit, approach and landing</b>
<b>Exercise 12/13E</b>	<b>Emergencies (with respect to take-offs, landings, go-arounds &amp; engine failure)</b>
<b>Exercise 14</b>	<b>First solo</b>
<b>Exercise 15</b>	<b>Advanced turning</b>
<b>Exercise 16</b>	<b>Forced landing without power</b>
<b>Exercise 17</b>	<b>Precautionary landing</b>
<b>Exercise 18A</b>	<b>Navigation</b>
<b>Exercise 18B</b>	<b>Navigation problems at lower levels and in reduced visibility</b>
<b>Exercise 18C</b>	<b>Radio navigation</b>
<b>Exercise 19</b>	<b>Basic instrument flight</b>







## Rainbow Air School - Circus Student Training File

STUDENT NAME

### Pre-Solo Checklist

*Note: All the items on this checklist must be evaluated and signed off by the instructor. When the instructor deems the student to be ready for solo, this form must be submitted to the Chief Flying Instructor for his approval. Once the signature of approval has been obtained, the student may then be checked out for solo flight by a grade I or grade II instructor.*

Before submitting this form to the CFI, complete all the items below by checking the items completed and signing against each item, together with the date on which the item was completed. Finally, this form should then be inserted in the student's training file.

Item	Description	Date	Instructor	Signature
1	Aircraft Technical exam passed.			
1a	Marks obtained:			
2	Pre-Solo exam passed.			
2a	Marks obtained:			
3	Student Pilot Licence issued			
3a	Licence Number:			
4	Spinning exercise completed and endorsed in logbook.			
5	FLWOP demonstrated (exercise 16).			
6	Total number of hours of training completed (Minimum six hours):			
7	Circuits and Landings Training Requirements complied with.			
8	Other (Specify):			

Note 1: The pass mark for Items 1 & 2 is 80%.

Signature of CFI: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of instructor: \_\_\_\_\_

Date: \_\_\_\_\_

## Rainbow Air School - Circus Student Training File

STUDENT NAME

### Circuits and Landings Training Requirements.

*Note: The instructor must certify that, prior to the student going solo, he has successfully completed sections 1 to 13 of this list. Sections 14 to 17 should be completed after going solo.*

Section	Description	Date	Instructor's Signature	Student's Signature
1	Full stop landing without use of brakes.			
2	Glide approach & landing 1000' base.			
3	Forced landing in circuit.			
4	Directional control emergencies on the ground.			
5	Engine Failure After Take-off			
6	Stuck/jammed throttle from downwind, on finals and on runway.			
7	Cross wind landings 10-15 Kts.			
8	Emergencies – Fire.			
9	Action in the event of radio failure			
10	Completion of workbook Quiz 1 & 2.			
11	Going-around Procedure.			
12	Diversion to A/P close by. (FAVV)			
13	Orbit on downwind and on finals.			
<b>AFTER SOLO: Section 14 to 17:</b>				
14	Short field take-off with & w/o flaps.			
15	Short field landings full flaps.			
16	Landing at critical airfields. (e.g. FAKR)			
17	Circuits at controlled airfield. (FAGM)			