



**AV8ER LIMITED**

**PARAMOTOR COACHING PACKAGE**

BMAA Syllabus



**AV8ER Contact**

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**Paramotoring is Classified as a Dangerous Sport**



## Welcome to the World of Paramotoring

### What's Included In This Pack

We aim to make your time with us enjoyable, informative and safe by providing a professional and quality service. In order to do this - and ensure that there are no misunderstandings - we have detailed the Terms and Conditions, which will apply to your programme, should you accept this package. If you are unable to agree the terms enclosed – then your deposits will be refunded in full.

#### Within this pack we provide the information you require namely:

- Summary Information
- AV8ER Limited Membership Terms and Conditions
- Membership Regulations
- Individual Booking Form
- Proposed daily schedule - and our expectations

On completion of the application and payment you will in addition be provided with:

- Additional Course material - for reading during the course
- BMAA FLM Pilot Under Training Pack (additional payment for BMAA membership and pack @£55)

We would recommend to you the following books that are available from AV8ER Ltd:

- Understanding Flying Weather by Dennis Piggot ISBN 0-7136-5627-1;
- 'Paramotoring - From The Ground Up' Noel Whittall.
- The Air Pilots Manual 2 - Aviation Law & Meteorology - Trevor Thom
- Meteorology & Flight (ISBN0713642262) - Tom Bradbury
- Pilot Handbook (BHPA Syllabus) - Mark Dale

The books provide relevant background material, which will enable you to become a more proficient pilot and assist with the final exam.

Please read the enclosed terms and conditions carefully, if you are happy with the content you should sign and return a copy prior to attending the course. If there is anything we can explain further – please call.

We would like to thank you for your interest in AV8ER and we look forward to seeing you in the near future. Here's to many happy hours flying in the future and to offer a welcome to the exciting world of Paramotoring.

Best Regards and Happy Flying

**Paul & Sara**

AV8ER CFI and Club Secretary



## **Summary Information**

This form summarises the costs and scope of the coaching provided by AV8ER and its employees. Should you require additional information please contact Paul or Sara direct on the numbers shown below.

### ***Duration***

- For **Pilots Under Training** coaching will be over a minimum of 25 hours commencing with ground handling and progressing to powered flight.
- The course is a 10-day course but may be completed in a shorter period depending on ability and weather however, once you have completed your solo flights (generally the 5<sup>th</sup> day) additional theory may be completed at your convenience. On successful completion of the BMAA syllabus and exam you will be accredited with a FLM licence which has international validity.
- Those pilots deemed to be suitably proficient by the Coach-In-Charge will be invited to undertake a cross-country flight on the 6<sup>th</sup> day – Fuel and equipment rental costs are extra.
- For **existing Paraglider or Micro-light Pilots** coaching for Paramotoring generally takes 2-4 days depending on aptitude and weather

### ***Costs***

- The Charge per day/ per person is: is £125 for club members or £150 non-members or £450 per day for one instructor on one Pupil - AV8ER's personal training course.
- A 10% deposit is payable on booking up to a month in advance or full payment if the course is scheduled to commence within 28 days, each day will be a minimum of 6 hours, and in accordance with the BMAA syllabus.
- Equipment hire as arranged as a guide the charge will be:
  1. Paramotor £70 per flying day,
  2. Canopy & Harness £10-£30 depending on type,
  3. Helmet £10 per day
  4. Headset and Radio £10 per day.

We reserve the right to charge for any items damaged during training

### **Recommended Reading**

- Prior to the course, you are recommended to read Paramotoring from the Ground Up by Noel Whittall; Understanding Flying Weather by Denis Piggott and Pilot Handbook by Mark Dale.
- These are just a few of the excellent books on the subject for Novices entering the sport

### ***Location***

Training will take place at our Banbury Flying Site, which takes all wind directions.

### ***Equipment***

- You are required to provide your own equipment, unless alternative arrangements have been agreed.

### ***Insurance***

- Paramotoring is classified as a dangerous sport.
- You are strongly recommended to take out Insurance against any injury to yourself in addition to third party liability cover.



- We are able to provide details of insurer if required. Provision of this information should not be seen as a recommendation and you should satisfy yourself as to the cover you require against third party liability and personal injury or death.
- Two companies providing different aspects of cover are Independent Underwriting Service (3<sup>rd</sup> Party Liability) [perry.lux@dial.pipex.com](mailto:perry.lux@dial.pipex.com) and Sportscover Direct (personal injury) [www.sportscoverdirect.co.uk](http://www.sportscoverdirect.co.uk)

### ***Certification***

- Certification is available on completion of the relevant activities in accordance with the BMAA FLM syllabus. Our instructors are able to recommend a testing centre where your current experience can be certified under this scheme

**Please ensure you have read and understand all of the attached documents.  
Commencement of the course signifies you have read and understood all of the liabilities and potential dangers of the sport to life, limb and third party liabilities.**



### **Av8er Limited Terms and Conditions**

A deposit of 40% of the agreed fee is payable on confirmation of your booking – cheques should be made payable to “AV8ER Ltd”

The balance of the agreed fee is payable on the first day of the course - Day 1 – payable to “AV8ER Ltd”.

Payment may be by cash, cheque or by Bank Transfer into the AV8ER Ltd account. We do not accept credit cards in order to keep costs to a minimum.

Whilst we will make every effort to undertake coaching sessions on the day booked this is inevitably subject to suitable weather conditions. We receive forecast weather from [www.metcheck.com](http://www.metcheck.com) and a range of other sites.

Where coaching days are cancelled due to poor weather - alternative dates will be offered.

#### ***What we will provide***

- Temporary membership to the Paramotoring park
- Number of coaching days as agreed (6 hrs per day incl. lunch & comfort breaks) either at the AV8ER Paramotoring Park or other site chosen by your coach
- At least one, and when required two coach(es)
- One day Cross Country Flying on successful completion of the course (day 6). This is at the discretion of the coach and prevailing weather conditions: additional cost
- Fuel and oil for the paramotors during training periods at cost

#### ***What You Need To Provide***

You will provide the following: (unless alternative arrangements have been made and agreed in advance with AV8ER LIMITED).

- Strict Compliance with the Paramotoring Park Membership Rules (see below)
- Paramotor (including propeller and harness)
- Wing – suitable for use with a paramotor and your experience
- Suitable clothing – specifically boots which provide ankle support and eyelets rather than hooks for laces (Hooks are dangerous and can catch your lines whilst training),
- Helmet
- Communications from the 3<sup>rd</sup> day on (MPR are fine)
- Local Accommodation
- Breakfast, Lunch & Evening meal
- Recommended - Third party insurance and personal accident insurance

*Anyone failing to provide their own equipment or attempting to use equipment which is damaged or unsafe or which your instructor considers to be dangerous, will be advised to rectify the deficiency or hire alternatives from AV8ER Limited during the course.*



## Individual Booking Form

To be completed and signed by each applicant

Mr/Mrs/Miss	Family Name:	Given Name:
Membership no	BHPA:	BMAA:
Address: House No/Name		
Street		
Area		
City		
Postcode		
Tel No. (Day)	Night:	Mobile No.
Email Address		
Age Group	<18; 18-35; 36-55; >55 years	Weight:
Please advise of any Special Dietary Requirements (for packed lunches).		

### Previous Flying Experience

Are you a Pilot	Yes/No
Have You Flown within the Last 5 years?	Yes/No
Type of Aircraft	Paraglider Hang-Glider Fixed Wing Glider PPL Other
	Months/Years Months/Years Months/Years Months/Years Months/Years
Please detail any injuries or illness which may affect your flying	
Please advise of any medication which you are taking/need to take	



## Reservation Conditions

- I confirm that I have read and accept the “AV8ER Limited Terms and Conditions” and the “Membership Regulations”.
- Furthermore, I understand that by making a course payment, I will become a Temporary Member of the AV8ER Paramotoring Club and will abide by the rules. This membership is valid for the coaching period only and will in any event expire twelve (12) months from Day one of the original booked coaching period where coaching is delayed or not completed.
- I have by this notice been clearly warned and advised that paragliding and Paramotoring are dangerous and can cause serious injury. I understand fully the risk involved and accept that risk. I understand that I will be provided with instruction before commencing the activity. If I have any questions or concerns I will raise these with the instructor.
  - I will follow all instructions given to me
  - I will use all safety equipment provided to me
  - I will use my reasonable endeavours to protect my health and safety and that of others
- I confirm that I am fit to carry out the activity. In particular I confirm that I am not pregnant or fitted with a pace maker nor suffering from heart problems or back or leg problems and I agree to disclose any medical conditions which I have or may have to AV8ER Limited before carrying out the activity. I agree to accept all these conditions, which are additional to my statutory rights, which are unaffected. I also agree to **insure myself for personal injury and third party liability** during my coaching from one of the approved insurance services offered or a company of my own choice.
- These conditions form the sole contract between AV8ER Limited, and myself which is effective when this fully completed and signed form has been received by AV8ER. I am 18 years old or older. (If not your guardian must sign the form on your behalf). Except in respect of death or personal injury caused by AV8ER Limited’s negligence or as expressly provided above, AV8ER Limited shall not be liable to me by reason of misrepresentation (unless fraudulently) or any implied warranty, condition, term or any statutory or common law duty for any loss of profit or any indirect, special or consequential loss damage costs expenses or other claims (whether caused by the negligence of AV8ER Limited its servants or agents or otherwise) which arise in connection with my participation in the activity.

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_



**Daily Coaching Schedule-BMAA Syllabus**

**The programme may be adjusted to take account of individuals ability, aptitude and weather conditions**

**Day 1**

Student Arrival	9–9.30	Coffee
Booking in	1 hour	Admin Booking forms Payment Student cards Insurance issues BMAA Membership
General Introduction	1 hour	What is Paramotoring A Brief History Levels of responsibility BMAA CAA etc Establish Differing Levels Of Experience Discipline between Student and Coach Dangers of the Sport And Airports in particular Personal Equipment Boots, Gloves, and Clothing
Motor Introduction	3 hours	Individual Subjects include: Propeller Reduction System Exhaust Fuel System Electrical Engine & mountings Frames Harness Instrumentation
Motor handling	2 Hours	Assembly of the Unit Exercising Checklist Dangers Of Propellers Safety, Standing Zone for Spectators Dangers of loose Clothing/Objects and the Propeller Correct method of Starting (Demonstration) Points Of Note Warming Up the engine * Tuning the carburettor Familiarisation with the engine instrumentation Correct running temperatures and redlining Kick Start
Debrief	15 mins	Progress Resume of the days activities Questions Issues to be carried forward



**Day 2 - The Wing**

Arrival	9.00 – 9.15	Coffee
Introduction		The nature Of air Aerofoil Section Drag- Parasitic – Induced What Is A stall Basic principles of Polar Curve
Basic Controls and There effect on Flight		The Toggles Wing Tip Steering
Coffee Break	15 Mins	
		A Brief Introduction to the sport of paragliding, outlining the development first of tow launching and then of hill flying and finally motorised
Introduction to Equipment		Wing Fabric Line attachments and reinforcing Line Construction and configuration Riser webbing construction, including the fittings Engineering of a canopy Methods of laying out a canopy Getting in and out of the harness Untangling Folding and Looking after the canopy
Lunch	1 Hour	
		Basic Airflow Landing Practice Choosing a launch site
The environment		Access Safety Noise Suitable outdoor equipment
Coffee Break	15 mins	
Outside Practical Ground Handling and tandem introduction		Layout Equipment How to deflate a canopy Reverse launch Forward launch First Tandem Flight
Debrief	15 mins	Review the days progress Identify day 3 activities Set tasks End of day two



### Day 3 First Flights

Arrival	10.00 – 10.15	Coffee
Dual Flying		Equipment and Take-Off Weights
Motor launch Practice		<p>Whilst one student is being flown tandem, the rest of the group to be practising the following:</p> <ul style="list-style-type: none"> <li>Check lists on the equipment that has been allocated</li> <li>Starting the motor safely with due consideration to bystanders</li> <li>Use of the kick start once the engine is warm</li> <li>Clipping into the wing ready for launching</li> <li>Proper use of the kill switch and throttle</li> <li>Getting used to the engine running on their backs and its effect</li> <li>Launching with the engine on their backs but without it running</li> <li>Going through the initial stages of launch with the engine running</li> </ul>
Effects of Motor on Wing	2 hours	Lecture
Practice Sessions		Practice launch techniques and continue with tandem experience flights
Debrief	15 mins	End of day 3

### Day 4 – Pre Solo flight Lecture

Pre Solo Flight Lecture	2 hours	<p>Key points:</p> <ul style="list-style-type: none"> <li>A level wing during flight</li> <li>Better to run a few steps in the air rather than lift legs too early</li> <li>Non reliance on radio communication</li> <li>Importance of climbing and keeping the engine up to speed (height = safety and time to plan)</li> </ul>
First Solo Flights		<p>Important notes about the airfield layout:</p> <p>General: Field layout: Signals: Conditions: Equipment:</p>
First Hops		Straight Flights from one end of the field to the other
First Solo Flight		
		<p>First Flight Practice –</p> <ul style="list-style-type: none"> <li>Straight and level flight</li> <li>The effect of brakes together – on then off, and repeat as necessary</li> <li>The effects of the throttle – On and Off, and repeat as necessary</li> <li>Gentle left and right hand turns with toggles as many times as necessary</li> </ul>



		<ul style="list-style-type: none"> <li>• Gentle left and right hand turns with wing tip steering only</li> <li>• 180 degree turn using above</li> <li>• 360 degree turns using the above</li> <li>• Exercise gentle turns without power on. Repeat the climb out as necessary</li> </ul>
First Landings	Solo	
Debrief		End of day 4

**Day 5 – Dual In-flight Exercises**

Arrival		Coffee
1 <sup>st</sup> navigational Lecture		The process as flight and tasks is from now on repeated throughout the training programme
Standard briefings	Pre-flight	
Basic Weather Lecture		
Basic Micro-meteorology Lecture		
Airfields and Flying with others		
Basic Air law		
Fuel Management		
In-Flight Starting		
Precision Flying		
When Not To go Flying Lecture		
How To Repair a wing		
Debrief		

**Days 5 – 10**

**Continuation of tasks, becoming increasingly complex**

Additional Material Supplied

- CAA Regulations
- CAA Guidance Notes



**AV8ER Paramotoring Club - Application Form**

<b>Membership Type (please tick)</b>			<b>Silver £95</b>	<b>Gold £125</b>	<b>Platinum 165</b>
<b>I am Interested In (please tick)</b>	Coaching	Motors	Wings	Equipment	
	Monthly Talks	X-Country	Trips	Site Flying	
	Other				
<b>First/Given Name</b>					
<b>Family Name</b>					
<b>Address 1</b>					
<b>Address 2</b>					
<b>Area</b>					
<b>Town</b>					
<b>Country (if other than UK)</b>					
<b>Post Code</b>					
<b>Tel: No:</b>					
<b>Fax No:</b>					
<b>Mobile No:</b>					
<b>Email address:</b>					
<b>Are you a Pilot?</b>	Yes/No* No hours flown				
<b>If yes, please tick which type of aircraft you currently fly/have flown</b>		<b>Current</b>	<b>Have Flown</b>	<b>Hours</b>	
	PPL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Fixed Wing Glider	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Microlight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Hang glider	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Paramotor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Paraglider	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Registration/Licence Number(s)</b>					
<b>What wing do you currently fly?</b>					
<b>What Paramotor do you Fly &amp; how many hours</b>					



**\*Delete**

<b>Are you looking to purchase new flying equipment?</b>	Yes */No *Budget £
<ul style="list-style-type: none"> <li>• <b>If Yes please advise what type of equipment e.g. wing, motor etc</b></li> </ul>	
<b>When do you think you will be ready to purchase?</b>	
<ul style="list-style-type: none"> <li>• <b>Next 6 months</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>6-12 months</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>12-18 months</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Greater than 18 months</b></li> </ul>	



**Additional Information**

<b>Weight</b>		<b>Height</b>		<b>Age</b>	
<b>*Please detail any back or leg problems</b>					
<b>Kindly detail any medication you are currently taking:</b>					
<b>*Please advise if you are pregnant, fitted with a pace maker suffering from heart problems or on any medication</b>					
<b><i>You may be required to obtain confirmation from your Doctor that you are fit to take part in this sport</i></b>					

**Declaration**

- I confirm that I have read and accept the AV8ER Paramotoring Club "Membership Regulations".
- Furthermore, I understand that by making a membership payment, I will become a Member of the AV8ER Paramotoring Club and be bound by the club rules. This membership is for 2003 and will expire 31 December 2003
- I have - by this notice - been clearly warned and advised that paragliding and Paramotoring are dangerous and can cause serious injury. I understand fully the risk involved and accept that risk. I understand that I will be provided with equipment demonstrations before commencing any activity. If I have any questions or concerns, I will raise these with the instructor.
- I also undertake that
- I will follow all instructions given to me
- I will use all safety equipment provided to me at all times
- I will use my reasonable endeavours to protect my health and safety and that of others
- I confirm that I am fit to carry out the activity. In particular I confirm that I am not pregnant or fitted with a pace maker nor suffering from heart problems or back or leg problems and I agree to disclose any medical conditions which I have or may have to AV8ER Limited before carrying out the activity. I agree to accept all these conditions, which are additional to my statutory rights, which are unaffected. I also agree to insure myself for personal injury and third party liability during my coaching from one of the approved insurance services offered or a company of my own choice.
- These conditions form the sole contract between AV8ER Limited, and myself which is effective when this fully completed and signed form has been received by AV8ER. I am 18 years old or older. (If not your guardian must sign the form on your behalf). Except in respect of death or personal injury caused by AV8ER Limited's negligence or as expressly provided above, AV8ER Limited shall not be liable to me by reason of misrepresentation (unless fraudulently) or any implied warranty, condition, term or any statutory or common law duty for any loss of profit or any indirect, special or consequential loss damage costs expenses or other claims (whether caused by the negligence of AV8ER Limited its servants or agents or otherwise) which arise in connection with my participation in the activity.

**Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_



## Membership Regulations

### Please return one copy of this form with your Booking Form

All members of the AV8ER Paramotoring Club will comply with the following requirements. Failure to do so may result in immediate termination of their membership.

Payment of membership fees – whether daily, event, weekend, monthly, quarterly or annual - will be payable prior to using the facilities or as agreed with the site organiser. Failure to pay membership fees when due may result in the termination of that members rights of access to the facility.

Fees will be reviewed on an annual basis and all members will be notified at least 14 days before the introduction of the new scale.

### 2005 Rates

- All membership fees will be payable to **AV8ER LIMITED**.
- Annual Membership commences **1<sup>st</sup> January – 31 December**
- Payment may be by Cash or Cheque with Guarantee Card
- Types of Member: Affiliate rate (non Flying)
- Bronze; Silver; Gold and Platinum Flyer Membership

*All membership packages provide discounted access to Monthly talks; in addition, flyer memberships provide differing level of free take off and landing fees for AV8ER flying sites*

*Should any membership dispute arise - the decision of AV8ER Limited and its management team will be final. Anyone found breaching the club rules or behaving in a manner which may jeopardize other flyers, members of the public or cause nuisance will have their membership revoked, no refund will be payable.*

### All pilots

- Will check in with the site organiser and gain approval to fly from designated sites prior to flying from the site
- Will sign in and out when using the dedicated sites
- Use the designated sites at their own risk and the organiser, management or landowners will not be held responsible for any loss, damage or injury to the pilot or their equipment resulting from their use of the facilities
- Will comply with the briefing instructions and in particular avoid flying over those areas annotated on the site map or as advised by the site supervisor or assistant as 'no fly-zones'
- Will log a flight plan prior to take off
- Will fly with communication (radio or mobile phone)
- Pilots under training and newly qualified pilots will **not** fly alone until they have gained at least 8 hours air time and then only with the express permission of the site supervisor
- Will fly in compliance with the Civil Aviation Authority ('CAA') regulations and fly within the conduct as stated within the Air Navigation Order and the current Paramotoring Exemption will respect other pilots, spectators and any other persons using the facilities and avoid causing nuisance by not revving engines unnecessarily or low flying over spectators and buildings

*Anyone failing to provide their own equipment or attempting to use equipment which is damaged or unsafe or which the site supervisor considers to be dangerous, will be advised to rectify the deficiency or hire alternatives from AV8ER Limited, if available. Where no suitable equipment is available for loan or hire management reserve the right to prohibit flying from the site.*

ime: \_\_\_\_\_

Signature: \_\_\_\_\_

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