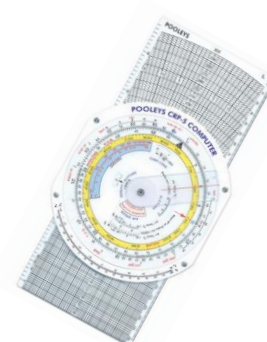
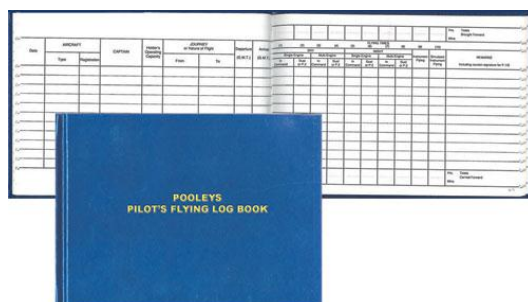


With The Compliments Of



CRANFIELD FLYING SCHOOL



Private Pilot's Licence

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CRANFIELD FLYING SCHOOL LIMITED

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Telephone:	01234 752272
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email:	info@cranfieldflyingschool.com
Website	www.cranfieldflyingschool.com

CRANFIELD FLYING SCHOOL LIMITED

Student/Pilot Personal Information

Name:			
Address:			
Post Code:			
Telephone Nos.	H:	W:	M:
E-Mail:			

Date of Birth:		Passport No:	
Nationality:		Licence No:	
Medical Issued:		Medical Expiry:	

Previous Flying Experience (if applicable)			
Total Hours:		Tail Wheel:	
In Command:		Instructor:	
Include a summary of any training you may be entitled to credit:			
Other Qualifications (Military, Night, IR etc):			

Aircraft Types Flown			

Next of Kin:	
Address:	
Contact Phone No:	

Previous Flying Appointments (if any):	
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PPL Course Overview

Welcome to Cranfield Flying School and the start of your Private Pilot's Licence!

This Brochure contains some useful information about the course and what can be expected.

The course consists of 45 hours of flying training, all of which is logged in both your Personal Flying Log Book and also your training record.

The 45 hours of training comprises at least 25 hours of dual instruction with your instructor and at least 10 hours of solo flying. The remaining 10 hours will be a mixture of dual and solo flying.

During the 10 hours of solo flying you must complete a solo navigation cross country flight landing at two other airfields and returning to Cranfield.

Typically, most students are ready for their first solo after about 10 hours of initial training. The initial training focuses on getting you ready for your first solo flight so the training is geared towards the safe handling of the aircraft during take-off, level flight, turning and landing.

Your first solo is followed by a period of solo flying to enable you to gain further confidence handling the aircraft on your own, in particular during the landing phase.

Next we concentrate on your navigation skills in preparation for your solo cross country flight, landing at two other airfields. During this period of your training you will practice navigating to and landing at other airfields, with your instructor, before you are sent off to do the same on your own.

When your instructor is satisfied that your navigation skills and general handling are up to the required standard your instructor will send you off on the solo navigation qualifying cross country flight.

Once the solo navigation qualifying cross country flight has been completed your instructor will ensure that you are ready for the General Flying Test.

Prior to taking the General Flying Test you must have completed the following written exams:

- Air Law (this must be passed before your first solo flight)
- Meteorology
- Human Performance and Limitations
- Navigation
- Aircraft Technical
- Flight Performance and Planning
- Radiotelephony

The General Flying Test is taken with one of our resident Flight Examiners. The test lasts about 2 hours during which time you will be required to perform a number of tasks. They will have all been covered during your training, so there will not be any surprises!!

On successfully passing the flying test you will be entitled to apply to the Civil Aviation Authority for the issue of your Licence.

The books and equipment you will need to complete the course of training are set out in the next section.

If any of the above is not clear please do not hesitate to contact us for help.

Equipment Required for the PPL Training Course

<u>Product</u>	<u>Price</u>
1. Air Pilot's Training Manuals	
➤ Book 1 (Flying training) :	£23.00
➤ Book 2 (Air law and meteorology) :	£23.00
➤ Book 3 (Air navigation) :	£23.00
➤ Book 4 (Aeroplane technical):	£23.00
➤ Book 5 (Radio Navigation and Instruments)	£28.00
➤ Book 6 (Human factors/performance):	£20.00
➤ Book 7 (Radiotelephony) :	£20.00
2. Logbook	£9.51
3. Pre-Flight Checklist	£9.00
4. Stopwatch	From £13.00
5. VFR chart 1:500,000	£15.99
6. Scale ruler (Navigation)	£5.50
7. Protractor (Navigation)	£5.50
8. Map pens	£6.50
9. CRP 1 (Flight Computer)	£45.99
10. Knee board	£20.99

Cranfield Flying School Ltd can supply all the above items of equipment. Prices are subject to change without notice.

Please note that the equipment is not required all at once and can be purchased as and when required during your course of flying training. Your instructor will advise you.

Any other equipment you may require can also be ordered through Cranfield Flying School.

FIRST SOLO BRIEFING CERTIFICATE

Student	
----------------	--

The above named Student has been fully briefed on and demonstrated their ability to handle the items listed below. The Student has also produced evidence that items a to e below have been completed:

Emergency drills completed:	Signature	Date
(a) EFATO and glide approaches	_____	/ /
(b) Fire drills – ground and air	_____	/ /
(c) Stalling Parts 1 and 2	_____	/ /
(d) Communications failure drill	_____	/ /
(e) Aircraft evacuation	_____	/ /
 Pre-Solo Aviation Law Examination (Pass Mark 75%)	 _____	 / /
Class 1 Medical (CPL/IR Students) or Class 2 Medical (PPL Students)	_____	/ /
Operations Manual/FOB read and signed as understood & will comply	_____	/ /
Dual check completed at Cranfield (if applicable)	_____	/ /

The student named above is authorised to undertake solo flight following a satisfactory dual check flight. Unless circumstances dictate otherwise, the first solo flight shall consist of just one circuit and landing.

Instructors Signature _____	Date / /
Students Signature _____	Date / /

Comments/Observations During First Solo
--

SOLO NAVIGATION BRIEFING CERTIFICATE

1. When completed this form is to be retained on the Student's file.
2. This Certificate must be completed by the PPL Student when conducting the qualifying flight. It must be returned, duly completed, to the authorising instructor and retained on the Student's file

Student Pilot _____ has been briefed for the following solo navigation flight.	
From _____	to _____
From _____	to _____
From _____	to _____
Their estimated time of departure is _____ UTC on the ____ / ____ / ____	

I am satisfied that is competent to carry out the detailed flight. I have checked the navigation flight log and the student has been briefed on the following items. Where necessary the required facts have been noted on his/her flight log.

Signature of Supervising Instructor _____	Licence No _____
---	------------------

Weather

Current forecasts for route and destination	
Destination(s) actual	

Route

Altitude to fly and the MSA	
The method and need for maintaining VMC	
Current Navigation Warnings and Current Edition Chart	
Altimeter Setting Regions	
Military zones and Controlled Airspace and the procedures for crossing them	
Danger and Restricted areas	
NOTAM's, temporary restricted airspace and entry/exit lane procedures	
Royal Flights	

Destination

PPR / Position Reports / Joining Procedures / Landing Runways / Circuit Pattern	
Land away procedure (i.e. booking in/out, refuelling etc)	

Abnormal and Emergency Procedures

Knowledge of controlled airspace - minimum altitudes - (e.g. maximum 2400' around Luton, Heathrow, Gatwick)	
Student action in event of entering controlled airspace	
Student action in the event of deteriorating weather or fuel shortage	
Student action on becoming lost	
Use of R/T including position reports - use of D/F - RTF PAN procedures	
Action in the event of an unscheduled landing	

Aeroplane

Is it full of fuel and oil? Is the aeroplane serviceable?	
Weight and Balance and Performance	

Radio

Use of Radio if student becomes lost i.e. RTF MAYDAY procedure	
Selection and noting of frequencies for normal and emergency operation (121.500)	

I certify that I have been briefed for the navigation detail above and understand that, in the event of an unscheduled landing, I will contact the Chief Flying Instructor or the Operations Manager by the quickest possible means and follow his/her instructions.

Student's Signature _____	Date ____ / ____ / ____ Time _____
---------------------------	------------------------------------

CRANFIELD FLYING SCHOOL Ltd – AFTO 178

JAA – PPL Qualifying Cross Country Certificate

Notice to Pilot:

In the event of a landing at a place other than the aerodromes named below, the authorization for the flight is automatically terminated. The Chief Flying Instructor at Cranfield Flying School Ltd must be notified immediately on 01234 752272. The flight must not be continued without specific authorisation.

This is to certify that was authorized to leave Cranfield EGTC, as pilot of G-....., at hours on200... and to land at and, for the purpose of completing his/her qualifying cross country flight for the JAA – PPL.

Signed
For CFI
Supervising Instructor CAA No.

This is to Certify that the above named pilot landed at at hrs on
..... 200..

The LANDING was excellent/good/average/poor.

The standard of AIRMANSHIP was excellent/good/average/poor.

As far as can be ascertained the pilot was alone and unaccompanied by any other aircraft.

Signed CFI/Instructor/ATCO

This is to Certify that the above named pilot landed at at hrs on
..... 200..

The LANDING was excellent/good/average/poor.

The standard of AIRMANSHIP was excellent/good/average/poor.

As far as can be ascertained the pilot was alone and unaccompanied by any other aircraft.

Signed CFI/Instructor/ATCO

The above record of the Qualifying Cross Country flight for the issue of a JAA PPL was carried out in accordance with the requirements of JAR-FCL.

Signed
CFI – Cranfield Flying School Ltd

This form must be submitted to CAA with Licence Application

STUDENT TRAINING LOG

Student Name:				H: W: Mob:			<i>Cranfield Flying School Ltd</i>			
Date	Pilot/ Instructor	Aircraft Reg	Aircraft Type	Details Ex No. etc	Authorised By	Off Chocks	On Chocks	Duration		Notes
								D	S	
Totals:										

SAMPLE ONLY

**EXAMPLE RADIO CALLS –
YOUR CALLS ARE
HIGHLIGHTED**

[Over-flying another airfield]

Sywell – Golf Alpha Whisky Oscar Tango

Golf Alpha Whisky Oscar Tango, Sywell, pass your message

Golf Alpha Whisky Oscar Tango – C150, Cranfield to passing [Olney] at 2500ft, QNH 1023, Request flight information service/traffic information and routing via your overhead

Golf Oscar Tango – roger, runway in use 21 right hand, QNH 1025, report overhead the field not below 2000ft

Runway 21 right hand, QNH 1025, wilco – Golf Oscar Tango

Golf Oscar Tango - overhead the field, 2500ft QNH 1025

Roger, report leaving the frequency.

Wilco - Golf Oscar Tango

Golf Oscar Tango – changing to Leicester, 122 decimal 125

Roger Golf Oscar Tango, freecall

[At Leicester]

Leicester Radio, Golf Alpha Whisky Oscar Tango

Golf Alpha Whisky Oscar Tango, Leicester– Pass your message

Golf Alpha Whisky Oscar Tango C150, NavEx Cranfield to Cranfield, overhead Market Harborough, 2500ft QNH 1025, request turn in your overhead

Golf Oscar Tango, runway in use 28, left hand circuits, QNH 1025, report overhead the field

Runway 28 left hand, QNH 1025, wilco, Golf Oscar Tango

Golf Oscar Tango, overhead the field and turning back to Cranfield

Golf Oscar Tango, roger, report leaving the frequency

Golf Oscar Tango, changing to Sywell, 122 decimal 700

Roger, Golf Oscar Tango, freecall Sywell

[Arriving and Landing at Leicester]

Leicester Radio, Golf Alpha Whisky Oscar Tango, inbound

Golf Oscar Tango, Leicester Radio, runway in use 28 with a left hand circuit, QFE 1011, standard overhead join, report overhead

28 left hand, 1011, overhead join, wilco, we have 8 miles to run - Golf Oscar Tango

Golf Oscar Tango – overhead the field, descending deadside

Golf Oscar Tango, roger

Golf Oscar Tango Crosswind/Downwind /Left Base runway 28 left hand

Golf Oscar Tango, finals to land

Golf Oscar Tango, land your discretion, wind 290 10 knots

Golf Oscar Tango

[After Landing]

Golf Oscar Tango request parking instructions

Golf Oscar park

[Read to Depart]

Leicester Radio Golf Alpha Whiskey Oscar Tango request airfield information and radio check

Golf Oscar Tango reading you 5, runway in use 28 left hand, QNH 1025

Runway 28 left hand, 1025, taxiing to the hold for runway 28, Golf Oscar Tango

Golf Oscar Tango ready for departure to Cranfield

