CIVIL AVIATION AUTHORITY OF MONGOLIA

PILOT’S LOGBOOK

CAA 1373

Year _____		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward
						Totals ➡

Total flight experience: Aeroplane _____

Columns 1 to 12 inclusive. Helicopter _____ Entries certified correct

Grand Total _____ Signature _____ Date _____

PILOT'S LOGBOOK

This pilot logbook is approved by the Mongolian Director of Civil Aviation for the purpose of recording flight and instrument time as prescribed in Civil Aviation Rules, Part 61. For details relating to the logging of flight and instrument time, refer to rules 61.29, 61.31 and 61.33.

Name		Licence No.	
Address			
Tel		Mobile	

INSTRUCTIONS

General

- All appropriate columns in the logbook are to be completed in respect of each flight.
- All details are to be entered in indelible ink. Correcting fluid is unacceptable. An incorrect entry in a logbook may be altered only by putting a line through the entry and by adding the correct information either beside the entry or on a new line.
- Computer generated flight records must be inserted permanently into the logbook with appropriately summarised total flighttimes.
- Flight time may be recorded in hours and minutes, but is more typically in hours and decimals of hours.
- Flight time means the total time from the moment an aircraft fi rst moves for the purpose of fl ight until the moment it comes to rest at the end of the fl ight including all associated push back, taxiing and subsequent holding time.
- Falsification of a logbook entry is an offence.

By minutes	By hour (decimal)
04 - 09	0.1
10 – 15	0.2
16 - 21	0.3
22 - 27	0.4
28 - 33	0.5
34 - 39	0.6
40 - 45	0.7
46 - 51	0.8
52 - 57	0.9
58 - 63	1.0

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Dual Practice		P in C	Co-pilot	Actual	Simu-	Ground			
1	2	3	4	5	6	7	9		10	11	13	14	15		16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Year _____		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward
						Totals ➡

Total flight experience: Aeroplane _____

Columns 1 to 12 inclusive. Helicopter _____ Entries certified correct

Grand Total _____ Signature _____ Date _____

Instrument Time

- Time spent at the controls while in flight under actual or simulated instrument conditions is to be recorded in columns 13 and 14 as well as being included in the appropriate columns 1 to 12.
- The safety pilot name must be entered into the co-pilot/student column.
- Time spent in approved synthetic flight trainers is to be entered in column 15 only and certified by the appropriately qualified instructor.

Cross-country Flights

- Details of routes flown on cross-country flights are to be entered, eg ZMUB-UUEE-EDDB-ZMUB.
- For the purpose of meeting the requirements of some licences or ratings, the recording of landings should be made as a separate entry, eg ZMUB-ZBAA ZBAA-ZMUB.

Dual Instruction

- In order to expedite logbook assessments and provide an informative record, instructor and student names are to be entered, together with appropriate recording of the flight exercise details.

Certification of Logbooks

- Columns 1 to 12 are to be totalled and the total flight experience transferred to the bottom of each left hand page. Logbook entries must be certified by the owner on each page, at the time they are completed.
- Following the satisfactory completion of any flight test, rating, authorisation, assessment or approval, the flight examiner or flight instructor who conducted the exercise is to certify competence in the logbook.
- An up-to-date, summarised and certified logbook is to be presented when required in accordance with Civil Aviation Rules.

Miscellaneous

- Columns 16 and 17 may be used for the recording of significantexperiencesuchas:
  instructor time, glider time, helicopter time, cross-country time, productive agricultural time etc.
- Productive agricultural time and associated ferry time should be recorded separately.
- Time spent in centre-line thrust aeroplanes shall not count as multi-engine time towards meeting a specific multi-engine time requirement.

STUDENT PILOT TRAINING RECORD - AEROPLANE

Students should obtain dual instruction in the exercises listed below prior to undertaking a PPL issue flight test. Each entry should be signed or countersigned by a Category A or B instructor as applicable when student PROFICIENCY is attained in that particular exercise.

GROUND TRAINING

Exercise	Instructor	Lic No.
Aircraft documents		
Preflight inspection		
Engine start, run-up, shut down		
Taxiing		
Refuelling		

Exercise	Instructor	Lic No.
Use of the radio / transponder		
Action in the event of fire		
Takeoff & landing performance		
Airframe & engine limitations		
Picketing		

BASIC TRAINING

Exercise	Instructor	Lic No.
Effect of primary flight controls		
Effect of ancillary controls		
Straight and level flight		
Climbing		
Descending (including gliding)		
Use of flap		
Medium turns		
Climbing and descending turns		
Stalling - Basic configurations		
Stalling - Other configurations		

Exercise	Instructor	Lic No.
Circuits		
Going around procedure		
Aborted take-off		
Engine failure after take-off		
Glide approach		
Flapless landing		
Radio communication procedures		
Loss of radio in the circuit		
First solo		
Solo consolidation		

ADVANCED TRAINING

Exercise	Instructor	Lic No.
Training area familiarisation		
Circuit joining procedures		
Forced landing without power		
Steep turns		
Stalling revision		
Wing drop stalling		
Spin recovery (as applicable)		
Sideslipping (as applicable)		
Compass turns		
Crosswind take-off		
Crosswind landing		
Short field take-off		
Short field landing		

Exercise	Instructor	Lic No.
Instrument flying - full panel		
Instrument flying - limited panel		
Instrument - unusual attitudes		
Low flying poor visibility		
Precautionary landing technique		
Terrain awareness		
MAUW assessment		
Map reading		
Dual cross-country		
Solo cross-country		
PPL flight test revision		
PPL experience requirements met		
Night flying (as applicable)		

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward
						Totals ➡

Total flight experience: Aeroplane ____________

Columns 1 to 12 inclusive. Helicopter ____________ Entries certified correct

Grand Total ____________ Signature ________________ Date __________

STUDENT PILOT TRAINING RECORD - HELICOPTER

Students should obtain dual instruction in the exercises listed below prior to undertaking a PPL issue flight test. Each entry should be signed or countersigned by a Category A or B instructor as applicable when student PROFICIENCY is attained in that particular exercise.

GROUND TRAINING

Exercise	Instructor	Lic No.
Aircraft documents		
Preflight inspection		
Engine start, run-up, shut down		
Clutch engagement		

Exercise	Instructor	Lic No.
Use of the radio / transponder		
Action in the event of fire		
Takeoff & landing performance		
Airframe & engine limitations		

BASIC TRAINING

Exercise	Instructor	Lic No.
Effect of controls		
Straight and level flight		
Climbing		
Descending		
Hovering		
Medium turns		
Climbing and descending turns		
Hover taxiing		
Hover patterns		
Transitions		

Exercise	Instructor	Lic No.
Takeoff and landing to/from hover		
Normal take-off and circuit		
Approach to IGE hover		
Basic autorotation		
Going around procedure		
Aborted takeoff		
Radio communication procedures		
Loss of radio in the circuit		
First solo		
Solo consolidation		

ADVANCED TRAINING

Exercise	Instructor	Lic No.
Autorotation consolidation		
Autorotation 180 degree		
Autorotation - varying IAS/RPM		
Steep turns		
Low hover take-off/zero speed ldg		
Running take-off and landing		
Towering take-off/steep approach		
Crosswind circuits		
Quick stops - into wind		
Confined area operations		
Slope operations		
Terrain awareness		
Mountain flying		
Low flying		

Exercise	Instructor	Lic No.
Map reading		
Dual cross-country		
Solo cross-country		
Cross-country flight test		
Instrument flying (as applicable)		
Night flying (as applicable)		
Tail-rotor emergencies		
Vortex ring state - onset		
Engine failure in the hover		
Sling load operations (optional)		
MAUW assessment		
PPL flight test revision		
PPL experience requirements met		

LICENCES AND ASSOCIATED RATINGS

Details	Date of Issue

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

Totals ➡

Total flight experience: Aeroplane ____________________

Columns 1 to 12 inclusive. Helicopter ____________________ Entries certified correct

Grand Total ____________________ Signature __________________________ Date _______________

DETAILS OF FLIGHT TESTS, CHECKS, REVIEWS, ASSESSMENTS, AND AUTHORISATIONS

Pilot's name		Licence No.	

Certified that in accordance with the Civil Aviation Rules the above-named has satisfactorily completed the following Flight Test, Flight Check, Flight Review, Flight Assessment, or has been granted the following Authorisation.

Date	Instructor/Examiner Name	Cat.	Licence No.	Signature	Details of Flight, Including Check Type	Next Check Due

Note: Flights for the purpose of a Test, Check, Review, Assessment, or the granting of an Authorisation are those required for the continued use of an aviation licence or rating.

DETAILS OF FLIGHT TESTS, CHECKS, REVIEWS, ASSESSMENTS, AND AUTHORISATIONS

Pilot's name		Licence No.	

Certified that in accordance with the Civil Aviation Rules the above-named has satisfactorily completed the following Flight Test, Flight Check, Flight Review, Flight Assessment, or has been granted the following Authorisation.

Date	Instructor/Examiner Name	Cat.	Licence No.	Signature	Details of Flight, Including Check Type	Next Check Due

Note: Flights for the purpose of a Test, Check, Review, Assessment, or the granting of an Authorisation are those required for the continued use of an aviation licence or rating.

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Year _____		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward
						Totals ➡

Total flight experience: Aeroplane _____

Columns 1 to 12 inclusive. Helicopter _____ Entries certified correct

Grand Total _____ Signature _____ Date _____

DETAILS OF FLIGHT TESTS, CHECKS, REVIEWS, ASSESSMENTS, AND AUTHORISATIONS

Pilot's name		Licence No.	

Certified that in accordance with the Civil Aviation Rules the above-named has satisfactorily completed the following Flight Test, Flight Check, Flight Review, Flight Assessment, or has been granted the following Authorisation.

Date	Instructor/Examiner Name	Cat.	Licence No.	Signature	Details of Flight, Including Check Type	Next Check Due

Note: Flights for the purpose of a Test, Check, Review, Assessment, or the granting of an Authorisation are those required for the continued use of an aviation licence or rating.

AIRCRAFT TYPE RATINGS

This is to certify that_____has successfully demonstrated to the instructor whose signature appears below, technical knowledge of the aircraft and ability to perform competently all normal, abnormal, and emergency manoeuvres appropriate to the aircraft type in accordance with the requirements of the Mongolian Civil Aviation Rules.

Aircraft Type	Instructor/Examiner Name	Cat.	Licence No.	Signature	Date

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Dual		P in C	Co-pilot	Actual	Simu-lated	Ground			
1	2	3	4	5	6	7	9		10	11	13	14	15		16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Year ________		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

Totals ➡

Total flight experience: Aeroplane ____________________

Columns 1 to 12 inclusive. Helicopter ____________________ Entries certified correct

Grand Total ____________________ Signature ________________________ Date ______________

AIRCRAFT TYPE RATINGS

This is to certify that____has successfully demonstrated to the instructor whose signature appears below, technical knowledge of the aircraft and ability to perform competently all normal, abnormal, and emergency manoeuvres appropriate to the aircraft type in accordance with the requirements of the Mongolian Civil Aviation Rules.

Aircraft Type	Instructor/Examiner Name	Cat.	Licence No.	Signature	Date

SUMMARY OF

Aircraft types flown	Remarks	Specialist flight times	

I CERTIFY that the information on this and the facing page is accurate to the best of my knowledge

Signature   Date

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

Totals ➡

Total flight experience: Aeroplane ____________

Columns 1 to 12 inclusive. Helicopter____________

Grand Total____________

Entries certified correct

Signature________________ Date ________

PREVIOUS LOGBOOK

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

SUMMARY OF

Aircraft types flown	Remarks	Specialist flight times	

I CERTIFY that the information on this and the facing page is accurate to the best of my knowledge

Signature

Date

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

PREVIOUS LOGBOOK

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

Totals ➡

Total flight experience: Aeroplane ____________________

Columns 1 to 12 inclusive. Helicopter____________________

Grand Total____________________

Entries certified correct

Signature________________________ Date ______________

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

SUMMARY OF PREVIOUS LOGBOOK

Aircraft types flown	Remarks	Specialist flight times	

I CERTIFY that the information on this and the facing page is accurate to the best of my knowledge

Signature

Date

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Year _____		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

NOTES

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

EXPERIENCE

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

SUMMARY OF

Aircraft types flown	Remarks	Specialist flight times	

EXPERIENCE

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

SUMMARY OF

Aircraft types flown	Remarks	Specialist flight times	

EXPERIENCE

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

SUMMARY OF

Aircraft types flown	Remarks	Specialist flight times	

Year ___________		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward
						Totals ➡

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1		3		5		7		9		11		13		15		17

Total flight experience: Aeroplane ___________________

Columns 1 to 12 inclusive. Helicopter ___________________ Entries certified correct

Grand Total ___________________ Signature ________________________ Date ______________

Year Month	Date	Aircraft Type	Reg'n	Pilot in Command	Co-pilot or Student	Details of Flight
						Totals brought forward
						Totals ➡

Total flight experience: Aeroplane ___________________

Columns 1 to 12 inclusive. Helicopter ___________________ Entries certified correct

Grand Total ___________________ Signature ________________________ Date ______________

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1		3		5		7		9		11		13		15		17

Year		Aircraft		Pilot in Command	Co-pilot or Student	Details of Flight
Month	Date	Type	Reg'n			
						Totals brought forward

Totals ➡

Total flight experience: Aeroplane ____________

Columns 1 to 12 inclusive. Helicopter ____________

Grand Total ____________

Entries certified correct

Signature ____________ Date ____________

Single-engine Aircraft				Multi-engined Aircraft								Instrument Time				
Day		Night		Day				Night				Flight				
Dual	P in C	Dual	P in C	Dual	P in C	Co-pilot	Comm'd Practice	Dual	P in C	Co-pilot	Comm'd Practice	Actual	Simu-lated	Ground		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1		3		5		7		9		11		13		15		17