

Army Book 425.

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PILOT'S FLYING  
LOG BOOK.

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Name

*H. G. Cornell*

Rank

Regiment }  
or Corps }

*A. F. C.*

Books

425

2

(240) Wt. 10244/M1207. 12,000 Bks. 1/17. J. T. & S., Ltd.

Course.

Remarks.

\* INSTRUCTIONS FOR KEEPING LOG-BOOKS.

All columns (except the "Passenger") should be filled in, particular care being taken that in the wind column the direction and velocity of the wind are stated.

In the "Remarks" column against each flight, a short record of the flight should be given. For example :-

- (i) Commenced instruction under Lieut (Stepford), Practised straights, etc.
- (ii) Accompanied Lieut (Rankin) as passenger. Took temporary charge of controls for first time, etc.
- (iii) Made first solo flight. Circuits round aerodrome and practised straight and landings etc.

All entries will be made in ink.

Care and neatness facilitates the checking of the logs.

All Log-books will be handed in to the Flight Commander's Office by 9-30 a.m. on Wednesday mornings, with that morning's early flying included, made up as follows :-

Total time in air for week-ending	-/-/1917.
Total time in air Solo for " "	-/-/1917.
Total time solo to date.	-/-/1917.

Hours - Minutes.

-	-
-	-
-	-



Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Pilot Passenger.	Time.	Height.	Course.	Remarks.
10-8-17	S.E	MFSH					
8-45 pm	10 m.p.h	B4672	Lt Badger	10 mins	1000 ft	Aerodrome circuit	Passengers only
12-8-17 pm	S	MFSH					
7-10 to 7-30	10 mph	B4666	Capt Foster	20 "	2000 "	Aerodrome circuit	Too bumpy for dual work
Total Time in air for Week ending						Aug 14th 1917 :	30 minutes
Total Time in air Solo							Nil.
Grand Total Solo							Nil
Grand Total in Air							30 mins.
J. B. Leitch			Adj. Lt.				
No. 29 Training Squadron, A.F.C.							
15-8-17 pm	Calm.	MFSH					
8-45 - 9-00		4672	Capt Foster	15 mins	2000 "	Aerodrome Circuit	Dual 5 mins.
9-8-17	S	MFSH					
7-15 to 7-45 pm	10 m.p.h	B1959	Lt Badger	30 "	1000 "	" "	Straight Flying & Turns; 2 Landings.
Total Time in air for Week ending						Aug 21st 1917 :	45 minutes
Total Time in air Solo							Nil.
Grand Total Solo							Nil.
Grand Total in Air							1 hr 15 mins.
J. B. Leitch			Adj. Lt.		J. B. Leitch		
No. 29 Training Squadron, A.F.C.							

Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Pilot Passenger.	Time.	Height.	Course.	Remarks.
Total Time in Air for Week ending Aug. 28th 1917 :-							Nil
Total Time in Air Solo .. .. .							Nil
Grand Total Solo :-							Nil
Grand Total in Air :-							1 hr. 15 mins.
<i>S.P. Lt.</i>							<i>G. L. Light</i> Adjt. No. 29 Training Squadron, A.F.C.
Sept 3rd 7-35 to 8 pm	Calm.	M.F. 5H. B. 4664	A. Badger	25 mins	1000'	Aerodrome Circuit	30 L.H. Turns, 2 Landings
Total Time in Air for Week ending Sept 4th 1917 :-							25 mins
Total Time in Air Solo .. .. .							Nil
Grand Total Solo :-							Nil
Grand Total in Air :-							1 hr. 40 mins
<i>S.P. Lt.</i>							<i>G. L. Light</i> Adjt. No. 29 Training Squadron, A.F.C.
Sept 5th 8-30 am to 8-45	East 15 m/s.	M.F. 5H. B. 4664	A. Badger <del>Mr. Petre</del>	15 mins	1000'	Aerodrome Circuit	30 L.H. Turns
Sept 5th 7-40 pm to 8-10	East 10 m/s.	M.F. 5H. B. 4622	Mr. Petre	30 mins	1000'	Aerodrome Circuit	5 Landings
Sept 6th 5-30 pm to 6-0	West 10 m/s.	M.F. 5H. B. 1955	Mr. Petre	30 mins	700'	Aerodrome Circuit	4 Landings
Sept 6th 6-0 to 6-19 pm	West 10 m/s.	M.F. 5H. B. 1955	Solo	10 mins	500'	Aerodrome Circuit	
Sept 7th 8-40 am to 8-55	North 10 m/s.	M.F. 5H. B. 4076	Solo	15 mins	800'	Aerodrome Circuit	Undercarriage crashed

Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Pilot Passenger.	Time.	Height.	Course.	Remarks.
Sept 7th 7:15pm - 7:55pm	North 10 m.p.h.	M.F.S.H. 4672	Nir Petre	40 mins	1000'	Aerodrome Circuit	6 Landings
7:55 - 8:5pm	"	"	Solo	10 "	"	"	"
Sept 8th 8:20am to 5:30	N. E. 10 m.p.h.	M.F.S.H. 4664	Solo	30 mins	2600'	Outskirts of Aerodrome	Landed Tern Hill 10 minutes
Sept 9th 8:15am to 9:15am	S.E. 8 m.p.h.	M.F.S.H. 4664	Solo	2 hrs.	3200'	Madon Tern Hill Shawbury	Cloudy; Landed between Aerial Landing.
6:20pm to 8-10pm	E 20 m.p.h.	M.F.S.H. B.1955	Solo	1hr 50min	3000'	Crossing, Pres Heath Shrewsbury	Excess landing at Worcester.
Sept 10th 6:25pm to 6:0	S 10 m.p.h.	M.F.S.H. 4672	Solo	25 mins	1200'	Aerodrome Circuit	
Sept 11th 6:40pm to 7:30pm	N 10 m.p.h.	M.F.S.H. 4672	Solo	1hr 10min	1000'	Aerodrome Circuit	5 Landings
Total Time in Air for Week ending				Sept 11th 1917		:- 8 hrs 25 mins	
Total Time in Air Solo .. " "				" " "		:- 6 " 30 "	
Grand Total Solo				:		6 " 30 "	
Grand Total in Air				:		10 " 5 "	
<i>30 - 5 - 5</i> <i>for 20.000</i>				Checked R archa		Fifty	
				17 SEP 1917		<i>Sept 17th 1917</i> <i>30 - 5 - 5</i> Adj't., A.F.G.	



Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Pilot Passenger.	Time.	Height.	Course.	Remarks.
17-9-17	S.W	AVRO					
6:10pm-6:40	10 m/s	B3105	Lt Arkell	30 min	5000'	Aerodrome Circuit	1st Trip in Avro; R & L.H Turns
15-9-17	S.W.	AVRO					
9:55am-10:45	10 m/s	B3975	Lt Arkell	50 -	10,000'	" "	R & L.H Turns.
8:35pm-6:00	5 15 m/s	NIEUFORT A154	Capt Payne	25 -	3,000'	" "	10 mins. Dual
Total Time in Air for Week ending Sept 18th :-						1 hr 45 mins	✓
Total Time in Air Solo - " " :-						NIL	✓
Grand Total Solo :-						6 hrs 30 min.	✓
Grand Total in Air :-						11 hrs 50 min	✓
R.W. DAVES Lt. A/Adj.,							
For O.C. No. 43 Training Sqdn.							
ROYAL FLYING CORPS.							
19-9-17	S.	AVRO					
12:25 - 12:55pm	10 m/s	B.2105	Lt Arkell	30 mins	2000'	Aerodrome Circuit	Landings
6:15 - 6:50pm	S.W	AVRO	Lt Arkell	35 -	3000'	" "	" "
20-9-17		AVRO					
6:30 - 7:8	S.W	975	Lt Arkell	35 -	2000'	" "	" "
21-9-17		AVRO					
5:40 - 6:30	S.W	975	Capt Houston	40 "	6000'	" "	Turns & Landings.
22-9-17		AVRO					
7:45-8:15am	S.W	975	Lt Arkell	20 -	3000'	" "	Too bumpy for landings
Total Time in air for week ending Sept 25th -						2 hrs 50 mins.	✓
Total Time in air. Solo " " " :-						NIL	
Grand Total Solo :-						6 hrs 30 mins.	✓
Grand Total in Air :-						14 " 40 "	
R.W. DAVES Lt. A/Adj.,							
For O.C. No. 43 Training Sqdn.							
ROYAL FLYING CORPS.							

Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Pilot Passenger.	Time.	Height.	Course.	Remarks.
27-9-17	S.W	AVRO					
11-15 - 11-50		B977	Capt Pryn	35 mins	3000	Aerodrome Circuits	Turns & Landings Exp. hours.
28-9-17		AVRO	Coke	10 "			
6-50am - 7-15	S.W.	B 3105	Austen	25 "	3000	"	"
10-25 - 11-0	S.W	B 975	H Arkell	35 "	1000	"	Landings.
5-35pm - 6-5	S.W	B 3106	Capt Pryn	30 "	1000	"	"
29-9-17							
6 am - 6-10	N.W.	B 977	Capt Pryn	10 "	600'	"	3 Landings.
6-30am - 7-5	N.W	B 977	Solo	35 "	4000'	"	1 "
11-55 - 12-5	S.W.	B 977	Solo	10 "	2000'	"	1 "
5pm - 5-30	S	A 8570	Solo	30 "	1000'	"	3 "
1-10-17							
9-15 - 9-45	S.E	B 977	Solo	30 "	1500'	"	6 "
12-20 - 1-10	S.	A 8570	Solo	50 "	2000'	"	2 "
5-15 - 6-10	S.E	A 548	Solo	55 "	2000'	"	8 "
2-10-17							
10-10 - 11	S.E	975	Solo	50	5000'	"	Spins & Sideslips
2-20 - 3-0	S.E	977	Solo	40	6000	"	Loops.

Total Time in Air for week ending

Total Time in Air Solo

Grand Total Solo :-

Grand Total in Air :-

Oct 3rd :- 7 hrs 25 mins.

" " :- 5 hrs

11 hrs 30 mins.

2 hrs 25 mins.

F. D. Dawes C.O. Adj.,

For O.O. No. 43 Training Sqdn.  
ROYAL FLYING CORPS.

Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Passenger.	Time.	Height.	Course.	Remarks.
6-10-17		AVRO					
10-35 - 10-50	W	A8575	Solo	15m	500	Aerodrome Circuit	6 Landings
11-45 - 12-5	SW	AVRO	"	20	2000	"	Circuits
12-55 - 2-10	S.W	A8575	"	1hr 15m	5000'	"	Loops & Spins
7-10-17		AVRO					
11-18 - 11-40	S.E	B977	"	25m	4000'	"	Bumpy
8-10-17							
8-25 - 9-0	S.E	B3106	"	35m	6000'	"	Spins, Stalling Turns
9-10-17							
9-20 - 10-5	S.E	B977	"	45m	5000'	"	Igniter wire broken
4-50 - 5-5	S.E	A8570	"	15m	500'	"	4 Landings, Bumpy.

Total Time in Air for week ending Oct 9th. :- 3hrs 50 mins ✓

Total Time in Air Solo " " :- 3 " 50 " ✓

Grand Total Solo :- 15 " 20 " ✓

Grand Total in Air :- 25 " 55 " ✓

R.W. Dawes Capt. A/Adjt.  
 For O.C. No. 43 Training Sqdn.  
 ROYAL FLYING CORPS.



Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Pilot Passenger.	Time.	Height.	Course.	Remarks.
10-10-17		AVRO					
11.10 - 12.0	SE	B 3107	Solo	50mins	6000	Aerodrome Circuits	
4.0 - 5.5	SE	B 3107	"	1hr 50m	4000	Aerodrome	Formation Flying
11-10-17							
8.35 - 8.45	SW	B 3243	"	10min	1000	Aerodrome Circuit	
3.25 - 4.5	SW	B 3243	"	40 "	4000	"	2 Landings
12-10-17							
12.15 - 12.45	SW	B 3243	"	30 "	2000	"	9
13-10-17							
9.25 - 9.40	SE	B 3107	"	15 "	2000	"	4
10.55 - 11.35	SE	B 3105	"	40 "	5000	"	Circuits
4.25 - 4.50	SE	B 3243	"	25 "	5000	"	"
15-10-17							
9.5 - 9.40	SE	B 3243	"	35 "	5000	"	"
11-10-11.35	SE	B 3243	"	25 "	4000	"	"
1.00 - 1.35	SE	A 54E	"	35 "	3500	"	7 Landings
16-10-17							
11.5 - 11.50	SW	B 3243	"	35 "	4000	Shawbury, Drayton	
2.20 - 3.5	SW	B 3243	"	45 "	4000	Aerodrome Circuit	8 Landings
Total Time in Air for week ending						Oct 16th	7hrs 30mins
Total Time in Air Solo " "						"	7 " 30 "
Grand Total Solo						"	22 " 50 "
Grand Total in Air						"	33 " 25 "

R.W. Dawes C/M. A/Adjt.  
 For O.O. No. 43 Training Sqdn.  
 ROYAL FLYING CORPS.

Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Passenger.	Time.	Height.	Course.	Remarks.
17-10-17		AVRO					
4:35-5:30	S.W.	B3105	Solo	55min	4000'	Nantwich, Chester	3 landings
15-10-17							
9:0-9:25	S.W.	A 548	"	25"	2000	Aerodrome Circuit	
19-10-17		B.S.					
3:35-4:15	N.W.	A1781	"	40"	2000	"	1st. Solo on B.S.
5:25-5:35	N.W.	AVRO	"	10"	1500	"	"
20-10-17		B.2243					
6:35-7:35	S.E.	B.S.	"	60"	3000	"	Loops & Spins
10:40-11:5	S.E.	A1781	"	25-	1500	"	4 Landings
2:45-2:55	S.E.	AVRO	"	10"	2000	"	"
4:45-6:10	S.E.	B.2243	"				"
21-10-17		B.S.					
11:45-12:15	South	A1781	"	25-	2000	"	2 Landings.
23-10-17		AVRO	"	30"	3000	"	Strong wind
7:50-8:40	S.	B.S.	"	50"	1500	"	"
20-10-17		A1781	"	1-15-	2500'	Crewe, Whitechurch	9 Landings.
6:25-7:40	W.	B.S.	"				
10:45-11:20	S.W.	A1781 Sg. 2 Seater	"	35-	4000'	Aerodrome Circuits	1st Solo on Sg. 2 seater
		2574					

Total Time in Air for Week ending

Oct 23th :- 7hrs 20 mins ✓

Total Time in Air Solo

" :- 7hrs 20 " ✓

Grand Total

Solo :- 30 " 10 " ✓

Grand Total in Air

:- 40 " 45 " ✓

R.W. Dawes Cdt

A. Adjlt.

For O.C. No. 43 Training Sqdn,  
ROYAL FLYING CORPS.

Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Pilot Passenger.	Time.	Height.	Course.	Remarks.
27-10-17		Sop 2 Str		hr mm		Crew, Shawbury Wellington	Cross Country, Pent Tappet Rd.
7-10 - 9-30	S.E	B 2574 DH5	Solo	2-20	5000	Aerodrome Circuit	
3-45 - 4-30	W.	A 9216	"	45	5000	"	
29-10-17	S.E.	Sop Bomber A 6054	"	40	5000	"	
24-10-17		3782	"			Circuits	
8-0 - 8-20		7052	"	30	3000		
Total Time in Air for Week ending						Oct 30th :- 3 hrs.	30} ✓ 45 mins.
Total Time in Air Solo -				"	"	" :- 3	30} ✓ H.L.G.
Grand Total						Solo :- 33	30} ✓
Grand Total						in Air :- 43	30} ✓
R.W. Davies C/M							A/Adj.;
For O.C. No. 43 Training Sqdn.							
ROYAL FLYING CORPS.							
6-11-17		B. Scout		min.		Aerodrome Circuit	
2-15 - 3-0	S.W.	7052 DH5	Solo	45	5000	"	
3-30 - 4-0	"	A 9286	"	30	5000	"	2 Landings.
Total Time in Air for Week ending Nov. 6th						" :- 1 hr 15 mins 1	
Total Time in Air Solo				"	"	" :- 1 " 15 " 1	
Grand Total Solo						" :- 35 " 40 " ✓	
Grand Total in Air						" :- 45 " 15 " ✓	
R. E. Grant C/M							A/Adj.;
For O.C. No. 43 Training Sqdn.							
ROYAL FLYING CORPS.							



Date and Hour.	Wind Direction and Velocity.	Machine Type and No.	Passenger.	Time.	Height.	Course.	Remarks.
7-10-17		DH5					
7-5-7-10	S	A9286	Solo	h. m. .5	300'	Aerodrome Circuit	Forced Landing, Machine written off.
7-10-8-10	S	DH5	"	.30	4000'	"	"
9-10-17		A9415	"				
11-15-11-50	S.W.	DH5	"	.36	5000	"	"
		A9415	"				
2-25-3-20	S.W.	DH5	"	.55	5000	"	"
		A9287	"				
11-10-17		B-5	"				
9-25-9-40	S	7052	"	.15	2000	"	Engine Trouble
		B-5	"				
11-35-11-40	S	5560	"	.5	1000	"	Engine running badly
		DH5	"				
12-25-12-40	S.W.	A9415	"	.15	2000	"	Aerial Firing
		DH5	"				
2-5-2-20	S.W.	A9205	"	.15	2500	"	"
		D.H.5	"				
3-50-4-40	S.W.	B4905	"	.50	3000	"	8 Landings
12-10-17		DH5	"				
12-00-12-20	W	A9287	"	.30	1500	"	"

Total Time in Air for Week ending Nov. 13th :- 4 hrs. 5 mins. ✓  
 " " " " Solo " " :- 4 " 5 " ✓  
 Grand Total Solo :- 39 " 45 " ✓  
 " " in Air :- 49 " 20 " ✓

Major.  
 43 T.S.  
 R.E.







1 DRL 212

# TRAINING BRIGADE TRANSFER CARD.

Name CORNEILL, H.G.  
 Rank ~~CADET~~ 2/lieut -  
 Regiment A. F. C.  
 Date posted or attd. to R.F.C. \_\_\_\_\_

## HISTORY OF TRAINING.

(To be filled in by Squadron Adjutants.)

	From	To	Date
*			
1		29 T.S., A.F.C.	9/8/17
2	29 T.S. A.F.C.		13/9/17
3	30 T.S.	43 T.S.	12-9-17
4	43 T.S.	for Overseas. (T.D. H.O.Y.S.)	13-11-17
5	2 ASD	68 2nd A.F.C. in the field	22-11-17
6			

\*Insert School or Squadron—last entry to show date proceeding overseas.

School of  
Instruction

READING  
OR  
OXFORD.

Passed Cert. A. Date \_\_\_\_\_

\_\_\_\_\_  
Commandant.

## Elementary Training Squadron. FLYING.

	Machine	No. of Hours	Signature of Officer Commanding
Dual Control	M.F.S.H.	3.35	<i>Henry Peter</i> Major.
"			Major.
"			Major.
Solo	M.F.S.H.	6.30	<i>Henry Peter</i> Major.
"			Major.
"			Major.

Total hours Dual Control *3435 hrs*

Total hours Solo *6630 hrs*

Recommended for\* *29<sup>th</sup> Squadron*

*Henry Peter*  
Major,

Commanding *29<sup>th</sup>* Squadron.

*29<sup>th</sup>* Wing.

*13<sup>th</sup> Sept 1917* Date.

\*Corps or Army Squadron.

## Elementary Training Squadron.

### WIRELESS, ARTILLERY and SIGNALLING.

			Certified Passed.
1	BUZZING	Six words per minute sending and receiving—Test three minutes' duration.	<i>Henry Peter</i> Capt. <i>29<sup>th</sup></i> O.C. "....." Flight.
2	ARTILLERY CODE	Written examination of six questions. "Passed" = 50% correct.	<i>Henry Peter</i> Capt. <i>29<sup>th</sup></i> O.C. "....." Flight.
3	ARTILLERY PICTURE TARGET	Ranging three Targets correctly, sending their map co-ordinates and using Artillery code and ground signals without error.	<i>Henry Peter</i> Capt. <i>29<sup>th</sup></i> O.C. "....." Flight.
4	PANNEAU SIGNALLING	Reading miniature Panneau accurately from distance of 100 yards at rate of four words per minute.	<i>Henry Peter</i> Capt. <i>29<sup>th</sup></i> O.C. "....." Flight.
5	SENDING ON SILENCED KEY	Clearly readable Tape record produced at rate of six words per minute.	<i>Henry Peter</i> Capt. <i>29<sup>th</sup></i> O.C. "....." Flight.
6	AIR TRAINING	Five times fully let out and wind up Aerial from machine in flight.	<i>Henry Peter</i> Capt. <i>29<sup>th</sup></i> O.C. "....." Flight.



# Elementary Training Squadron.

## PHOTOGRAPHY.

<b>7</b>	<b>PHOTO- GRAPHY</b>	Theory of Photography and ground practice.	Certified Passed.
			.....Capt.
			O.C. "....." Flight.

## BOMB DROPPING.

<b>8</b>	<b>BOMB DROPPING</b>	Theory and ground practice in Bomb Dropping and Camera Obscura.	.....Capt.
			O.C. "....." Flight.

## GROUND GUNNERY.

VICKERS	Tests	Date Passed	Marks	Signature of Instructor
LEWIS	1	} 24/8/17	90	} <i>Munro</i> for
	2		95	
	3		90	
	5		95	
VICKERS	A	} 9/9/17	90	29 <sup>th</sup> WING GUNNERY OFFICER
	B		95	
	C		90	

Certified correct,

*Chas. Peter*

Major,

Commanding

29 T. B. Squadron.

A.F.C.

# Higher Training Squadron.

## FLYING.

	Machine	No. of Hrs.	Signature of Officer Commanding
Dual Control	Avro.	7-0	<i>W. R. ...</i>
" "			Major
" "			Major
" "			Major
Solo	Avro.	19-30	<i>H. B. ...</i>
"	B/Sect	6-10	<i>H. B. ...</i>
"	S. Bom.	- 40	<i>H. B. ...</i>
"	S2Stk	2-55	<i>H. B. ...</i>
"	DH6	5-0	<i>H. B. ...</i>
Fighting in the Air	No fighting instructor in Squadron		
Contact Patrol			Major
Formation Flying	Avro	1-5	<i>W. R. ...</i>
"	Sep 25th	2-20	<i>H. B. ...</i>
"	Aerial Training	7-5	<i>H. B. ...</i>
"	(500 Rounds)	- 30	<i>H. B. ...</i>

\* Special Training as may be ordered.

Hours Flown Solo since Graduation	Date	Type of Machine	No. of Hrs.
		24/10/17	Sep. 2. Str.
		Types of Machines	
	n. m.	Sep. 2. Str.	DH5.
	6. 45.	Sep. Bom.	
		B/Scout.	

**List of Service Machines and Special Qualifications required from  
their Pilots.**

	Wireless Antilley and Signalling as per page 8	Bomb Dropping page 9	Photography page 9	Aerial Gunnery page 9	Contact Patrol	Formation Flying
DeH. 2, F.E. 8	—	—	—	Yes		Yes
DeH. IV.	—	Yes	Yes	Yes		Yes
DeH. V.	—	—	<i>Yes</i>	Yes		Yes
Bristol Fighter	—	—	—	Yes		Yes
Bristol Scout	—	—	—	Yes		Yes
Bristol Monoplane	—	—	—	Yes		Yes
S.P.A.D.	—	—	—	Yes		Yes
S.E. 5	—	—	—	Yes		Yes
Sopwith Scout	—	—	—	Yes		Yes
Sopwith 2-seater	—	—	—	Yes		Yes
Sopwith Triplane	—	—	—	Yes		Yes
R. E. 8	Yes	Yes	Yes	—		Yes
A.W. (160)	Yes	<i>Yes</i>	Yes	—		Yes
B.E. 2	Yes	Yes	Yes	—		Yes
Nieuport 2-seater	Yes	—	—	—		Yes
Nieuport Scout	—	—	—	Yes		Yes
Morane S. Seater	—	—	—	Yes		Yes
Morane Parasol	Yes	—	Yes	—		Yes
Morane Biplane	Yes	—	Yes	—		Yes
Martinsyde 120	—	Yes	Yes	Yes		Yes
Martinsyde 160	—	Yes	Yes	Yes		Yes
Martinsyde 250RR	—	Yes	Yes	Yes		Yes
Vickers (Hart)	—	—	—	Yes		Yes
F.E. 2b	—	Yes	Yes	Yes*		Yes
F.E. 2d.	—	Yes	Yes	Yes*		Yes

\*Lewis only.

\*Vickers only.

# Higher Training Squadron.

## WIRELESS ARTILLERY and SIGNALLING.

1	BUZZING	Eight words per minute (five letters to a word). Sending and receiving. Test to be of three minutes duration only.	Certified Correct. <i>L. Steyer</i> O.C. "30.4" Sqdn.
			.....Major. O.C. "....." Sqdn.
2	ARTILLERY CODE	Written examination of six questions. "Passed" = 80% correct.	.....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.
3	ARTILLERY PICTURE TARGET	To range three targets correctly, sending their map co-ordinates and using Artillery Code and miniature ground signals without error.	.....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.
4	PANNEAU SIGNALLING	Reading Panneau accurately from the air at rate of four words per minute.	.....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.
5	SENDING ON SILENCED KEY	Clearly readable Tape Record, produced at rate of eight words per minute.	.....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.
6	ARTILLERY PUFF TARGET	One series of 10 Puffs to be ranged correctly. Map co-ordinates of target to be sent and Artillery Code and ground signals correctly used.	.....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.
7	GROUND SIGNALS	To send from the air correctly the meaning of 10 out of 12 Artillery Code signals placed on the ground.	.....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.

Vaccinated Nov. 1916

# Higher Training Squadron. PHOTOGRAPHY.

8	PHOTO-GRAPHY	Take six successful photographs of given pin points	Certified Passed. .....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.

## BOMB DROPPING.

9	BOMB DROPPING	Three flights over Camera Obscura or Bachelor Button. Limit of error at 2000 ft. 30 yds. range, 50 yds. line.	.....Major. O.C. "....." Sqdn.
			.....Major. O.C. "....." Sqdn.

## GROUND GUNNERY.

Tests	Date passed	Marks	Signature of Instructor	
LEWIS	4	4/20/17	90%	
	6	16/10/17	90%	
	7	14/10/17	90%	
	8	13/10/17	90%	
	VICKERS'	D	3/10/17	85%
		F	9/10/17	90%
		F	14/10/17	90%
		G	9/10/17	90%

*W. M. ... for King Gunnery*

Tests	Date Passed	Marks	Signature of Instructor
AERIAL GUNNERY TURNBERRY	LEWIS	9	
	LEWIS	10	
	VICKERS	H	
	VICKERS	J	

*Fixed 500 rounds from the air Nov. 17/17*

*W. M. ... for King Gunnery*

GUNNERY IN AIR. With Instructor, hrs. mins.

*Announced Oct 1917.  
Yamamoto Nov. 1916*



**A. To graduate, a pilot must have:—**

1. Received certificate A at Oxford or Reading.
2. Had 20 hours solo in the air.
3. Flown a service aeroplane satisfactorily.
4. Carried out a cross-country flight of at least 60 miles successfully—during which he must have landed at two outside landing places under supervision of a R.F.C. officer.
5. Climbed to 8,000 ft. and remained there for at least 15 mins., after which he will land with his engine stopped, the aeroplane first touching the ground within a circular mark of 50 ft. in diam.
6. Made two landings in the dark, assisted by flares (only applicable to B.E. and F.E. 2 pilots; pilots of other machines may do this at discretion of Wing Commanders and Commandant C.F.S.).

**SERVICE PILOT.**

**B. Pilots will not wear wings until they are qualified for service overseas as under:—**

1. Passed tests applicable on p. 6—7.
2. Have had air experience 30 hours solo, of which not less than five hours must be done on a service type.
3. Carried out 15 "tail down" landings on service type.

**He will then be known as a service pilot and will wear wings.**

- C.** If a service pilot is required for overseas on a type other than that on which he qualified as such, he must do a further five hours solo and 15 "tail down" landings on new type.

**A. To grad**

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**B. Pilots will not wear wings until they have passed tests applicable on page 6-7.**

*(Authority to wear wings will appear in Wing Orders.)*

1. Pilots of the undermentioned machines will not be sent overseas until they have had air experience as under:—

A total of 25 hours solo, of which not less than five have been spent on any one machine.

DeH. II. F.E. 8 DeH. IV. DeH. V.  
All Sopwiths. Vickers-Hart. S.E. 5.  
All Moranes. All Bristols. All Nieuports.  
All Martinsydes. S.P.A.D.

2. Other than above, a total of 25 hours, of which two must have been spent on the machine for which they are sent out.

To Pilot \_\_\_\_\_

### AT HOME.

1. Do not lose this card or your graduation will be delayed.

2. On being transferred from one Unit to another, show this card to the Officer Commanding Unit you are leaving, who will fill in what sections you have passed and will leave the others blank.

3. On arrival at your New Unit, show it again to the Officer Commanding your New Unit and ask him to fill it in before you leave. If you fail to do this you are liable to be sent back to pass again.

### ABROAD.

On being posted to a Unit with the E.F. show this card to the Officer Commanding there. He will dispose of it as he thinks fit.