Sport Pilot Requirements Checklist

Student: ADAM M. HILL **Instructor:** KENNETH W. SMITH

DOB: [redacted] Age: 42 English Proficient: YES

IACRA FTN: _____

Medical Class DL Date [redacted]

Minium Flight Hours	**Date Completed**
Total Hours (20)	
Dual Hours (15)	
Basic Flight Training in the folling areas: (13)	
Preflight preparation	9-23-18
Preflight precedures	9-23-18
Arport operations	9-23-18
Takeoffs, landings and go-arounds	
Preformance maneuvers	
Groiund reference maneuvers	
Navigation	9-23-18
Slow flight	
Stalls	
Emergency procedures	
Post-flight procedures	9-23-18
X-Country Dual (2)	
10 takeoffs and landings in a trafic pattern at an airport	
Test Preporation Dual (2) (Within the preceding 2 calender months of test)	
Solo Hours (5)	
Solo cross-country flight of at least 75 nautical miles total distance, with a full stop at two points and one segment of flight consisting of a straight-line distancew of at least 25 nautical miles between the takeoff and landing.	

rsments

	Citizenship	_____
-2	INITIAL SOLO KNOWLEDGE EXAM	_____
E-3	INITIAL SOLO TRAINING (LOCAL)	_____
E-4	SOLO FOR ADDITIONAL AIRPORTS WITHIN 25NM	_____
E-5	SOLO FOR ADDITIONAL 90 DAYS	_____
E-6	SOLO X-COUNTRY TRAINING	_____
E-6	SOLO X-COUNTRY PLANNING	_____
E-8	WRITTEN TEST (KNOWLEDGE)	_____
E-9	WRITTEN TEST (KNOWLEDGE) CORRECTIONS	_____
E-10	PRACTICAL FLIGHT TEST	_____
	FORM 8710-1 (IACRA) COMPLETE	_____

The Standard Pilot Log

Name Adam M Hill

Permanent Mailing Address [redacted]

Orleans IN 47452

Logbook Number 1

From

To

Certificates Held

Type	Date Issued	Certificate Number
STUDENT PILOT		
RECREATIONAL PILOT		
PRIVATE PILOT		
COMMERCIAL PILOT		
FLIGHT INSTRUCTOR		
AIRLINE TRANSPORT PILOT		
AVIATION TECHNICIAN		
GROUND INSTRUCTOR		

Rating Record

- ☐ AIRPLANE ☐ INSTRUMENT
- ☐ SINGLE ENGINE: ☐ LAND ☐ SEA
- ☐ MULTI-ENGINE: ☐ LAND ☐ SEA
- ☐ MULTI-ENGINE: Limited to Center Line Thrust
- ☐ GLIDER ☐ AERO TOW ☐ WINCH TOW
- ☐ ROTORCRAFT ☐ HELICOPTER ☐ GYROPLANE
- ☐ LIGHTER-THAN-AIR ☐ AIRSHIP ☐ BALLOON
- ☐ POWERED LIFT
- ☐ GI BASIC ☐ GI ADVANCED ☐ GI INSTRUMENT
- ☐ OTHER RATINGS (Specify)

Aircraft Type Ratings

YEAR 18 DATE	AIRCRAFT MAKE & MODEL	AIRCRAFT IDENT.	POINTS OF DEPARTURE & ARRIVAL FROM	TO	REMARKS, PROCEDURES, MANEUVERS	NO. INSTR. APP.	NO. LDG.
9/23	Rans S-12	N1094K	OEB	MQJ	PREFLIGHT, PREP & PROCEDURES, AIRPORT OPERATIONS, NAVIGATION & POST FLIGHT DUTIES		1
9/23	"	"	MQJ	6E2	[redacted]		1
9/26	Quicksilver MX II	N65708	private	7N5	INTRO TO CONTROLS AND TAXI		1
9/26	"	"	I1N5	5G1	SLOW FLIGHT & STALLS		1
9/26	Rans S-12	N1094K	6E2	I42	SLOW FLIGHT & STALLS, SOLO CIRCLES		2
9/30	"	"	I42	local			8
10/21	"	"	I42	local			5
					PAGE TOTAL		19
					AMT. FORWARD		0
					TOTAL TO DATE		19

I certify that the statements made by me on this form are true.

PILOT'S SIGNATURE [redacted]

AIRCRAFT CATEGORY: AIRPLANE SEL	AIRPLANE MEL	CROSS-COUNTRY	CONDITIONS OF FLIGHT: DAY	NIGHT	ACTUAL INSTRUMENT	SIMULATED INSTRUMENT	GROUND TRAINER	TYPE OF PILOTING TIME: DUAL RECEIVED	PILOT-IN-COMMAND		TOTAL DURATION OF FLIGHT
			2.6					2.6			2.6
			4					4			4
			7					7			7
			1.5					1.5			1.5
			1.7					1.0			1.7
			1.2								1.2
			1.5								1.5
			9.6								9.6
			0.0								0.0
			9.6								9.6

YEAR 18 DATE	AIRCRAFT MAKE & MODEL	AIRCRAFT IDENT.	POINTS OF DEPARTURE & ARRIVAL FROM	TO	REMARKS, PROCEDURES, MANEUVERS	NO. INSTR. APP.	NO. LDG.
11/8	Rans S12	N1094K	I42	local			12
11/18	"	"	I42	local			13
11/21	"	"	I42	FRH			1
11/21	"	"	FRH	I83			1
11/21	"	"	I83	BFR			1
11/21	"	"	BFR	7I4			2
11/21	"	"	7I4	I42			1
					PAGE TOTAL		31
					AMT. FORWARD		19
					TOTAL TO DATE		50

I certify that the statements made by me on this form are true.

PILOT'S SIGNATURE [redacted]

AIRCRAFT CATEGORY: AIRPLANE SEL	AIRPLANE MEL	CROSS-COUNTRY	CONDITIONS OF FLIGHT: DAY	NIGHT	ACTUAL INSTRUMENT	SIMULATED INSTRUMENT	GROUND TRAINER	TYPE OF PILOTING TIME: DUAL RECEIVED	PILOT-IN-COMMAND		TOTAL DURATION OF FLIGHT
			8								8
			10								10
			3								3
			4								4
			8								8
			3								3
			3								3
			39								39
			96								96
			135								135

YEAR 18 DATE	AIRCRAFT MAKE & MODEL	AIRCRAFT IDENT.	POINTS OF DEPARTURE & ARRIVAL FROM	TO	REMARKS, PROCEDURES, MANEUVERS	NO. INSTR. APP.	NO. LDG.
11/21	Beech 58	N894K	I42	local			6
11/24	"	"	I42	local			2
11/24	"	"	I42	FRH			1
11/24	"	"	FRH	I42			4
11/25	"	"	I42	local			1
11/30	"	"	I42	FRH			2
12/5	"	"	I42	local			1
					PAGE TOTAL		17
					AMT. FORWARD		50
					TOTAL TO DATE		67

I certify that the statements made by me on this form are true.

PILOT'S SIGNATURE [redacted]

AIRCRAFT CATEGORY AIRPLANE SEL	AIRPLANE MEL	CROSS-COUNTRY	CONDITIONS OF FLIGHT DAY	NIGHT	ACTUAL INSTRUMENT	SIMULATED INSTRUMENT	GROUND TRAINER	TYPE OF PILOTING TIME DUAL RECEIVED	PILOT IN-COMMAND		TOTAL DURATION OF FLIGHT
			1 0								1 0
			1 0								1 0
			5								5
			5								5
			7								7
			7								7
			1 2								1 2
			5 6								5 6
			13 5								13 5
			19 1								19 1

YEAR 18 DATE	AIRCRAFT MAKE & MODEL	AIRCRAFT IDENT.	POINTS OF DEPARTURE & ARRIVAL FROM	TO	REMARKS, PROCEDURES, MANEUVERS	NO. INSTR APP.	NO. LDG.
4/9	Rans S12	N794K	I42	local			2
5/16	"	"	I42	BFR local			2
12/13	"	"	I42	72H local			8

I certify that the statements made by me on this form are true.

PILOT'S SIGNATURE: [redacted]

PAGE TOTAL	
AMT. FORWARD	67
TOTAL TO DATE	

AIRCRAFT CATEGORY: AIRPLANE SEL	AIRPLANE MEL	CROSS-COUNTRY	CONDITIONS OF FLIGHT: DAY	NIGHT	ACTUAL INSTRUMENT	SIMULATED INSTRUMENT	GROUND TRAINER	TYPE OF PILOTING TIME: DUAL RECEIVED	PILOT-IN-COMMAND		TOTAL DURATION OF FLIGHT
			8								8
			10								10
			5								5
			19	1							19 1

NOTES

"I certify that ADAM MICHAEL HILL has presented me a U.S. birth certificate / U.S. passport, and the relevant control or sequential number on the document is [redacted] which establishes that [he or she] is a U.S. citizen or national in accordance with 49 CFR 1552.3(h).

Date: 23 SEP 18

Kenneth w. Smith [redacted] CFI [redacted]

How to Become a Sport Pilot

1. Meet Medical and Eligibility
2. Pass a FAA Sport Pilot Knowledge Test
3. Receive flight instruction in an appropriate aircraft.
4. Pass a FAA Sport Pilot Practical Test
5. Sport Pilot Certificate Issued (All Category and Class Privileges Endorsed in Logbook)

If you are a FAA Certificated Pilot

and Want to Exercise Sport Pilot Privileges:

1. Hold at Least a Recreational Pilot Certificate (X-C Training if a Rec Pilot 61.101(c))
2. Hold Category and Class Ratings for the LSA Flying (Additional Category and Class Privileges Endorsed in Logbook)
3. U.S Drivers License, FAA Medical, or compy with BasicMed.
4. Current Flight Review
5. 3 Takeoffs and Landings within 90 days (if carrying a passenger)
6. Operate only FAA Certificated LSA
7. Comply with all Sport Pilot Privileges and Limits
8. Exercise Sport Pilot Privileges

SPORT PILOT AND SPORT PILOT FLIGHT INSTRUCTOR CERTIFICATION

[redacted]

OKLAHOMA CITY, OK 73125

TELEPHONE

[redacted]

E-MAIL

[redacted]

DEFINITION OF A LIGHT SPORT AIRCRAFT

14 CFR PART 1.1

Light-sport aircraft means an aircraft, other than a helicopter or powered-lift that, since its original certification, has continued to meet the following:

(1) A maximum takeoff weight of not more than--
(i) 1,320 pounds (600 kilograms) for aircraft not intended for operation on water; or
(ii) 1,430 pounds (650 kilograms) for an aircraft intended for operation on water.

(2) A maximum airspeed in level flight with maximum continuous power (VH) of not more than 120 knots CAS under standard atmospheric conditions at sea level.

(3) A maximum never-exceed speed (VNE) of not more than 120 knots CAS for a glider.

(4) A maximum stalling speed or minimum steady flight speed without the use of lift-enhancing devices (VS1) of not more than 45 knots CAS at the aircraft's maximum certificated takeoff weight and most critical center of gravity.

(5) A maximum seating capacity of no more than two persons, including the pilot.

(6) A single, reciprocating engine, if powered.

(7) A fixed or ground-adjustable propeller if a powered aircraft other than a powered glider.

(8) A fixed or autofeathering propeller system if a powered glider.

(9) A fixed-pitch, semi-rigid, teetering, two-blade rotor system, if a gyroplane.

(10) A nonpressurized cabin, if equipped with a cabin.

(11) Fixed landing gear, except for an aircraft intended for operation on water or a glider.

(12) Fixed or retractable landing gear, or a hull, for an aircraft intended for operation on water.

(13) Fixed or retractable landing gear for a glider.

MEDICAL REQUIREMENTS FOR SPORT PILOT

[14 CFR part 61.23/53/303]

A Medical, U.S. Driver's License, or comply with Basic Med

(Other than Balloon or Glider)

- ☐ A Student Pilot Seeking Sport Pilot Privileges in a Light-Sport Aircraft
- ☐ A Pilot Exercising the Privileges of a Sport Pilot Certificate
- ☐ A Flight Instructor Acting as PIC of a Light-Sport Aircraft

A Person Using a Current and Valid U.S. Driver's License Must

- ☐ Comply With Each Restriction and Limitation Imposed on Your Drivers License
- ☐ Comply With Any Judicial or Administrative Order Applying to the Operation of a Motor Vehicle
- ☐ Not Have Been Denied Your Most Recent Application for a Medical Certificate (If You Have Applied for Medical Certificate)
- ☐ Not Have Your Most Recently Issued Medical Certificate Suspended or Revoked (If You Have Been Issued a Medical Certificate)
- ☐ Not Had Your Most Recent Authorization for a Special Issuance of a Medical Certificate Withdrawn (A Special Issuance Is Not a Denial)

A Person Using a Valid Medical, Current and Valid U.S. Driver's License or BasicMed Must

- ☐ Not know or have reason to know of any medical condition that would make that person unable to operate a Light-Sport Aircraft in a safe manner

If You Are a Flight Instructor and You Want to Train Sport Pilots and SP CFIs:

1. Hold a Current and Valid CFI (Valid Pilot Certificate, Meet Currency, Hold Appropriate Endorsements)
2. Appropriate Category and Class Ratings in LSA (Additional Category and Class Privileges Endorsed in Logbook)
3. U.S Drivers License, FAA Medical, or comply with BasicMed (If acting as PIC)
4. Comply with all Sport Pilot CFI Privileges and Limits
5. Exercise CFI Privileges

ADAM HILL

9/26

PRESOLO KNOWLEDGE TEST

Airplane make/model: Rans S-12

1. List the airspeeds and their definitions for your airplane.

Airspeed		Definition
V_{SO}	_____	TPA _____
V_{S1}	_____	_____
V_R	_____	_____
V_X	_____	_____
V_Y	_____	_____
V_{FE}	_____	_____
V_A	_____	_____
V_H	_____	_____
V_{NE}	100	Max _____

2. The maximum gross weight for your airplane is 975 lb.
3. The maximum takeoff weight for your airplane is 975 lb.
4. Fuel: Maximum capacity 18 gal. of which 16 gal. is usable
   Minimum to start a solo flight 4 gal.
   Grade 87
   Color Clear
   Optional grades and colors _____
5. Oil: Maximum capacity 3 qt.
   Minimum to start a solo flight 1 qt.
   Grade Aeroil
6. Compute the location of the center of gravity (CG) for a solo flight with full fuel in your airplane. Is the CG within limits?
   yes
7. What is the takeoff ground roll and the distance over a 50-ft. obstacle for your airplane at your airport with full fuel, a temperature of 29° C, 5-kt. headwind, and an altimeter setting of 29.64?
   250' +/-

8. What is the ground roll and total landing distance over a 50-ft. obstacle for your airplane at your airport with 3/4 fuel, a temperature of 32° C, calm wind, and an altimeter setting of 30.10?

400'

9. What are the indications of carburetor icing? When is carburetor heat recommended to be used in your airplane?

10. What are the radio frequencies used at your airport?

CTAF 122.8

UNICOM _____

FSS _____ if appropriate

Clearance Delivery _____ if appropriate

ATIS _____ if appropriate

Ground _____ if appropriate

Tower _____

Approach/Departure _____

11. At your airport:

a. What runways are available? 02-20

b. What is the direction of the traffic pattern for each runway? left

c. What is the traffic pattern altitude? 2416 MSL 1600 AGL

d. In what class of airspace is the airport located? G

12. How do you enter and depart the traffic pattern at your airport? 45°

13. What radio communication procedures are required at your airport? none

14. Explain the procedures you would use to land at your airport if the communication radio(s) failed.

go ahead

15. List the meaning of the following ATC light signals:

	In Flight	On Surface
Steady green		
Flashing green		
Steady red		
Flashing red		
Alternating red and green		

16. What airplane certificates and documents must be on board the aircraft prior to every flight?

Registration / yearly condition inspection

17. What personal documents and endorsements must you have before beginning a solo flight?

Drivers license / Student Pilot

18. Who is directly responsible and is the final authority as to the operation of your airplane when you are flying solo?

I am

19. You may not fly as a pilot within 8 hours after the consumption of an alcoholic beverage or with .04 % by weight or more alcohol in the blood.

20. Explain the regulatory preflight action requirements. check everything on plane

21. Explain your use of safety belts and shoulder harnesses while flying solo. All the Time

22. When aircraft are approaching each other head-on, or nearly so, what action should be taken?

Turn Left and pass

23. Except for takeoff or landing, at what minimum safe altitudes should you operate your airplane?

1000 AGL

24. Explain the altimeter setting procedures.

Turn To Pressure setting / set To runway/APT

25. When practicing ground reference maneuvers (i.e., S-turns, rectangular course, and turns around a point), you should select an altitude that allows the maneuver to be completed no lower than

1000' AGL

15. List the meaning of the following ATC light signals:

	In Flight	On Surface
Steady green	_____	_____
Flashing green	_____	_____
Steady red	_____	_____
Flashing red	_____	_____
Alternating red and green	_____	_____

16. What airplane certificates and documents must be on board the aircraft prior to every flight?

17. What personal documents and endorsements must you have before beginning a solo flight?

18. Who is directly responsible and is the final authority as to the operation of your airplane when you are flying solo?

19. You may not fly as a pilot within _____ hours after the consumption of an alcoholic beverage or with _____% by weight or more alcohol in the blood.

20. Explain the regulatory preflight action requirements.

21. Explain your use of safety belts and shoulder harnesses while flying solo.

22. When aircraft are approaching each other head-on, or nearly so, what action should be taken?

23. Except for takeoff or landing, at what minimum safe altitudes should you operate your airplane?

24. Explain the altimeter setting procedures.

25. When practicing ground reference maneuvers (i.e., S-turns, rectangular course, and turns around a point), you should select an altitude that allows the maneuver to be completed no lower than _____

26. Explain the go-around procedures in your airplane. When would you use the go-around procedures?

obstruction on runway / other traffic

27. The best glide airspeed for your airplane (at maximum gross weight) is 60+

a. What airplane configuration is specific to obtain the maximum glide?

28. Explain the actions you would take if the airplane engine failed in the following situations:

a. Right after liftoff land ahead

b. During the takeoff climb at an altitude of 100 ft. AGL

land ahead

c. During the en route portion of a cross-country

Find open field

29. Explain the recommended use of flaps for takeoff in your airplane.

not needed

30. For a sport pilot, what are the minimum visibility requirements?

1 mile

31. For a sport pilot, what are the restrictions to flight above clouds?

4000 ft

32. For a student sport pilot, what are the limitations of carrying passengers?

No passengers

33. What are the day-VFR fuel requirements?

30 min

END OF EXAM