

SILVER EXPRESS



FLIGHT TRAINING

Biennial Flight Review Record

⇒ **Pilot:** _____

⇒ **Instructors:** _____

FLIGHT REVIEW

In order to have a complete B.F.R. and at the same time reduce your costs, it is suggested that you come prepared with the following completed and ready for the flight instructor's review.

- 1) Bring your logbook, pilot certificate, and current medical certificate. Also, bring the Operator's handbook for the aircraft, all aircraft papers legally required, and the engine and airframe logbooks.

- 2) Prepare a cross-country flight including a complete flight log from _____ to _____ .

- 3) Obtain and bring with you a complete weather briefing for the time of the flight.

- 4) Obtain all relevant information regarding the flights from the Airport Facility Directory and any N.O.T.A.M.'s affecting the flight.

- 5) Do a weight and balance with _____ people on board weighing _____ , baggage weighing _____ and full fuel. If the limits are exceeded, adjust as necessary.

- 6) Answer the enclosed questions.

FLIGHT INSTRUCTOR CHECKLIST

BFR pilot has:

Current Medical Certificate _____

Pilot License _____

Aircraft to be flown _____

Aircraft is legal and airworthy _____

PIC for this flight is _____

BFR completed satisfactorily on _____

(Note in logbook also)

BFR Pilot Signature _____

Flight Instructor Signature _____

Date _____

FLIGHT REVIEW

ORAL REVIEW

- See Attached Questions

PREFLIGHT

- Weight and Balance
- Use of Preflight Checklist

FLIGHT (AT INSTRUCTOR'S DISCRETION)

- Takeoff and Landings
 - Normal
 - Crosswind
 - Short Field
 - Soft Field
- Ground Reference Maneuvers
 - Rectangular Courses
 - 720' Turn About A Point
 - S-Turns over a Road
- Stalls
 - Approach to Landing
 - Takeoff and Departure
 - Accelerated
- Minimum Controllable Airspeed and Slowflight
 - With and Without Flaps
 - Straight and Level, Turning, Climbing, and Descending
- Basic Attitude Instrument Flying
- Cross Country
 - Track a VOR Radial
- Emergency
 - Partial Power Loss
 - Full Power Loss
 - Emergency Landing
 - Fire

Answer to the following questions are contained in Federal Aviation Regulations, Part 61 and 91.

GENERAL QUESTIONS

1. What personal documents and endorsements are you required to have before you fly?

2. What must you have accomplished before carrying passengers during the day? At night?

3. Explain visibility and cloud clearance minimums in controlled airspace and uncontrolled airspace.

4. Who has the final authority and responsibility for the operation of the aircraft?

5. Discuss what preflight action concerning the airport and aircraft performance is specified in the regulations for a flight not in the vicinity of an airport.

6. During engine run-up, you cause rocks, debris, and propeller blast to be directed toward another aircraft or person. Could this be considered careless or reckless operation of an aircraft?

7. You should not fly as pilot of a civil aircraft within _____ hours after consumption of any alcoholic beverage.

8. How do you know if you have an alternator failure? How will it affect your flight?

9. If you receive ATC instructions that you feel may compromise safety or will cause you to violate an FAR, what should you do?

10. What is the meaning of each of the following ATC light signals?

IN FLIGHT:

Steady green _____
Flashing green _____
Flashing red _____
Steady red _____

ON THE GROUND:

Flashing red _____
Flashing green _____

11. What equipment is required in your aircraft to fly within class B airspace?

12. Explain the general transponder equipment and use requirement(s) when operating within or near class B airspace.

13. Describe the class B airspace boundaries that affect Miami. Explain how you can use navigation equipment and/or ground reference points to identify the class B airspace boundaries. (Draw a diagram, if necessary.)

14. You have called ATC just prior to entering the class B airspace, and the controller tells you to, "Squawk 2466 and ident." Are you now allowed to enter the class B airspace without further instructions? Explain.

15. What are the dimensions of a class D airspace?

16. Explain the minimum visibility and ceiling requirements for VFR flight in a class D airspace.

AIRCRAFT QUESTIONS

1. List the minimum equipment and instruments that must be working properly in your aircraft for day VFR flight.

2. Fill in the V-speeds definitions and the corresponding speed for your training airplane.

DEFINITION	SPEED
Stall, landing configuration	_____
Stall, clean configuration	_____
Best angle of climb	_____
Best rate of climb	_____
Maximum flap extension	_____
Maneuvering	_____
Maximum structural cruise	_____
Never exceed	_____

3. What is the best glide speed for your airplane?

4. What is the maximum allowable flap setting for takeoff in your aircraft?

5. The total usable fuel capacity for your aircraft is _____ gallons. On a standard day (sea level temperature, 59 F, altimeter 29.92 in. Hg), the fuel consumption rate during normal (approximately 75% power) cruise is _____ gallons per hour.

6. What grade or grades of fuel can be safely used in your aircraft? What are the colors of the recommended fuels? What happens to the color of the fuel if two grades are mixed?

7. The maximum oil capacity of your aircraft is _____ quarts, and the minimum oil capacity to begin a flight is _____ quarts.

8. The maximum crosswind component for takeoffs and landings in your aircraft is _____ knots.

9. When do you use carburetor heat? What are the indications of carburetor icing?

10. What is the takeoff and landing distance over a 50-foot obstacle for your aircraft at your airport? Assume maximum certificated takeoff weight, 80 F, winds calm, and an altimeter setting of 29.52.
