

Flight Review Lesson Plan

Pilot: _____

Date: _____

Lesson: Flight Review

Time: 02:30

Objectives:

- To ensure that the pilot satisfies the flight review requirements of FAR 61.56

Elements/Schedule:

- Review of pilot's recent flight experience 00:15
- Review current general operating and flight rules (FAR part 91) including 01:00
 - Operating rules applicable to class A, B, C, D, E and G airspace
 - Operating rules applicable to special use airspace
 - Visual flight rules
 - Equipment and instrument requirements
- Review flight maneuvers including 01:00
 - Normal, crosswind, short and soft field takeoffs and landings
 - Navigation by dead reckoning and pilotage
 - Flight at minimum controllable airspeed
 - Stall/spin awareness
 - Basic flying by reference to instruments
 - Engine out procedures
- Post-Lesson Debriefing 00:15

Equipment:

- POH/AFM for airplane to be used
- VFR Sectional (and Terminal) chart for local area
- View limiting device (hood, foggles, etc.)
- Current FAR/AIM

Instructor Actions:

1. Review of pilot's recent flight experience
 - Instructor should try to determine what the pilot's flying experience has consisted of over the past year or two in order to identify any areas which might require more or less emphasis during the remainder of the lesson.
2. Review of Current General Operating and Flight Rules (FAR Part 91)
 - Review characteristics of the various classes of controlled and uncontrolled airspace
 - Review operating rules applicable to various classes of airspace (communication and transponder requirements).
 - Review visibility and cloud clearance requirements applicable to various classes of airspace.
 - Review preflight and fuel requirements for cross country VFR flight during day and night
 - Review rules pertaining to special use airspace (MOAs, restricted and prohibited areas, etc.)
 - Review equipment and instrument requirements (transponders, ELT, ELT Battery replacement, etc.)

Flight Review Lesson Plan

Pilot: _____

Date: _____

Lesson: Flight Review (Continued)

3. Review Flight Maneuvers
 - Have pilot perform a variety of takeoffs and landings as deemed appropriate (normal, crosswind, short and soft field)
 - Have pilot navigate to some nearby place solely by pilotage and dead reckoning or have pilot identify current location on the appropriate aeronautical chart.
 - Have pilot perform flight at MCA including turns to headings and climbs and descents.
 - Have pilot demonstrate knowledge of stall and spin awareness by performing power on and power off stalls (or incipient stalls if aircraft limitations prohibit actual stalls [e.g. C-172 in Normal category]).
 - Have pilot perform straight and level flight, turns to headings, constant airspeed climbs and descents solely by reference to instruments.
 - Have pilot perform recovery from unusual attitudes solely by reference to instruments
4. Post Lesson Debriefing
 - Critique pilot's performance of maneuvers with constructive suggestions to improve technique.
 - If the instructor feels that the pilot's performance was not satisfactory in any area to the extent that the instructor feels that the pilot requires additional training before signing off on the review, then the instructor must provide the pilot with a list of areas in which to get further training.
 - Answer pilot questions
 - If the pilot's performance was satisfactory provide the appropriate signoff in the pilot's logbook.

Pilot Actions:

1. Review of pilot's recent flight experience
 - Pilot should summarize recent flying experience.
 - Pilot should identify any areas in which they feel they are weak.
2. Review of Current General Operating and Flight Rules (FAR Part 91)
 - Describe the configuration (dimensions, altitudes, etc.) of Class A, B, C, D, E and G airspace; Describe configuration of Victor airways.
 - Describe equipment and communications requirements for operation in various classes of airspace.
 - State visibility and cloud clearance requirements applicable to various classes of airspace.
 - Describe pre-flight planning and fuel requirements for VFR day and night cross country flight.
 - Describe operating rules pertaining to special use airspace (MOAs, restricted and prohibited areas, etc.)
 - Describe equipment and instrument requirements (transponders, ELT, ELT Battery replacement, etc.)

Flight Review Lesson Plan

Pilot: _____

Date: _____

Lesson: Flight Review (Continued)

3. Review Flight Maneuvers
 - Performs various types of takeoffs and landings as requested by the instructor (normal, crosswind, short and soft field)
 - Demonstrate knowledge of pilotage and dead reckoning by navigating to some nearby place or by identifying current location on the appropriate aeronautical chart.
 - Perform flight at MCA including turns to headings and climbs and descents; Divides attention between airplane control and outside orientation; Maintains altitude +/- 100 feet; Headings +/- 10 degrees and specified airspeed +10/-5 Knots.
 - Demonstrate knowledge of stall and spin awareness by performing power on and power off stalls (or incipient stalls if aircraft limitations prohibit actual stalls [e.g. C-172 in Normal category]); Maintains specified heading +/- 10 degrees; announces first indications of the stall and recovers with a minimum loss of altitude using smooth coordinate control inputs.
 - Perform straight and level flight, turns to headings, constant airspeed climbs and descents solely by reference to instruments; Maintains altitude +/- 200 Feet, Headings +/- 20 degrees, airspeed +/- 10 Knots.
 - Perform recoveries from unusual attitudes solely by reference to instruments.
4. Post Lesson Debriefing
 - Ask questions about the lesson.

Completion Standards:

This lesson will be completed when the pilot is able to demonstrate a satisfactory knowledge of the general operating and flight rules in FAR Part 91 and is able to perform the maneuvers as specified in the *Pilot Actions* section.

References:

- Airplane Flying Handbook (FAA-H-8083-3A)
- Pilot's Handbook of Aeronautical Knowledge (FAA-H-8083-25)
- PRIVATE PILOT or COMMERCIAL PILOT – ASEL, ASES, AMEL PTS
- FAR Part 91
- NTSB 830
- Airman's Information Manual