

Module 8 -- Advanced Takeoffs/Landings and Emergency Operations

Flight Lesson8 – Advanced takeoffs and landings, emergency landings.

Ground lesson 8 must be completed before this flight lesson.

Objective:

For the student to become proficient in emergency situations, including system and equipment malfunctions, aborted takeoffs, and go-arounds.

Content:

Review

- ___ Pre-flight
- ___ Be the sole manipulator of the controls for the entire flight
- ___ Normal and crosswind takeoffs ___ Pattern work
- ___ Airport communications ___ Wake turbulence avoidance
- ___ Normal and crosswind landings ___ Post-flight procedures

New

- ___ Emergency approach and landings (simulated engine-out practice area)
- ___ Emergency approach and landings (simulated engine-out in pattern)
- ___ Aborted takeoff (warn Tower before starting)
- ___ Go-around procedures
- ___ Short Field Takeoff ___ Short Field landing
- ___ Rough/soft field takeoff ___ Rough/soft field landing

Scenario-based task (see toolbox page 78) _____

Hazards for Pilot _____

Aircraft _____

Environment _____

External Pressures _____

Results _____

Completion Standards:

This module is complete when the student can operate in emergency situations in all phases of flight: cruise, takeoff, and landing. Emergencies include: equipment and system malfunctions, conditions forcing an aborted takeoff, and forced landings. Flight in all phases must be within 100 feet, and 10 degrees heading maintained at all times.

Assignment for this lesson:

- Read FAA *Powered Parachute Flying Handbook* Chapter 12

Lesson Results:

Date of completion _____ Instructor Signature/ID _____

Student Signature _____ Time flown _____

Instructor remarks: