

IX. Emergency Operations

Task	B. Emergency Approach and Landing (Simulated) (ASEL, ASES)
References	FAA-H-8083-2, FAA-H-8083-3; POH/AFM
Objective	To determine that the applicant exhibits satisfactory knowledge, risk management, and skills associated with emergency approach and landing procedures. Note: See <u>Appendix 6: Safety of Flight</u> .
Knowledge	The applicant demonstrates understanding of:
<i>PA.IX.B.K1</i>	Immediate action items and emergency procedures.
<i>PA.IX.B.K2</i>	Airspeed, to include:
<i>PA.IX.B.K2a</i>	a. Importance of best glide speed and its relationship to distance
<i>PA.IX.B.K2b</i>	b. Difference between best glide speed and minimum sink speed
<i>PA.IX.B.K2c</i>	c. Effects of wind on glide distance
<i>PA.IX.B.K3</i>	Effects of atmospheric conditions on emergency approach and landing.
<i>PA.IX.B.K4</i>	A stabilized approach, to include energy management concepts.
<i>PA.IX.B.K5</i>	ELTs and other emergency locating devices.
<i>PA.IX.B.K6</i>	ATC services to aircraft in distress.
Risk Management	The applicant demonstrates the ability to identify, assess, and mitigate risks, encompassing:
<i>PA.IX.B.R1</i>	Failure to consider altitude, wind, terrain, obstructions, gliding distance, and available landing distance.
<i>PA.IX.B.R2</i>	Failure to plan and follow a flightpath to the selected landing area.
<i>PA.IX.B.R3</i>	Collision hazards, to include aircraft, terrain, obstacles, and wires.
<i>PA.IX.B.R4</i>	Improper airplane configuration.
<i>PA.IX.B.R5</i>	Low altitude maneuvering including stall, spin, or CFIT.
<i>PA.IX.B.R6</i>	Distractions, loss of situational awareness, or improper task management.
Skills	The applicant demonstrates the ability to:
<i>PA.IX.B.S1</i>	Establish and maintain the recommended best glide airspeed, ± 10 knots.
<i>PA.IX.B.S2</i>	Configure the airplane in accordance with the POH/AFM and existing conditions.
<i>PA.IX.B.S3</i>	Select a suitable landing area considering altitude, wind, terrain, obstructions, and available glide distance.
<i>PA.IX.B.S4</i>	Plan and follow a flightpath to the selected landing area considering altitude, wind, terrain, and obstructions.
<i>PA.IX.B.S5</i>	Prepare for landing as specified by the evaluator.
<i>PA.IX.B.S6</i>	Complete the appropriate checklist.