

## IX. Emergency Operations

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