

IX. Emergency Operations

Task	A. Emergency Descent
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 an emergency descent. Note: See <i>Appendix 6: Safety of Flight</i> .
Knowledge	The applicant demonstrates understanding of:
<i>PA.IX.A.K1</i>	Situations that would require an emergency descent (e.g., depressurization, smoke, or engine fire).
<i>PA.IX.A.K2</i>	Immediate action items and emergency procedures.
<i>PA.IX.A.K3</i>	Airspeed, to include airspeed limitations.
Risk Management	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.IX.A.R1</i>	Failure to consider altitude, wind, terrain, obstructions, and available glide distance.
<i>PA.IX.A.R2</i>	Collision hazards, to include aircraft, terrain, obstacles, and wires.
<i>PA.IX.A.R3</i>	Improper airplane configuration.
<i>PA.IX.A.R4</i>	Distractions, loss of situational awareness, or improper task management.
Skills	The applicant demonstrates the ability to:
<i>PA.IX.A.S1</i>	Clear the area.
<i>PA.IX.A.S2</i>	Establish and maintain the appropriate airspeed and configuration appropriate to the scenario specified by the evaluator and as covered in POH/AFM for the emergency descent.
<i>PA.IX.A.S3</i>	Maintain orientation, divide attention appropriately, and plan and execute a smooth recovery.
<i>PA.IX.A.S4</i>	Use bank angle between 30° and 45° to maintain positive load factors during the descent.
<i>PA.IX.A.S5</i>	Maintain appropriate airspeed +0/-10 knots, and level off at a specified altitude ±100 feet.
<i>PA.IX.A.S6</i>	Complete the appropriate checklist.