

IX. Emergency Operations

Task	C. Systems and Equipment Malfunctions
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 system and equipment malfunctions appropriate to the airplane provided for the practical test and analyzing the situation and take appropriate action for simulated emergencies.
Knowledge	The applicant demonstrates understanding of:
<i>PA.IX.C.K1</i>	Partial or complete power loss related to the specific powerplant, including:
<i>PA.IX.C.K1a</i>	a. Engine roughness or overheat
<i>PA.IX.C.K1b</i>	b. Carburetor or induction icing
<i>PA.IX.C.K1c</i>	c. Loss of oil pressure
<i>PA.IX.C.K1d</i>	d. Fuel starvation
<i>PA.IX.C.K2</i>	System and equipment malfunctions specific to the airplane, including:
<i>PA.IX.C.K2a</i>	a. Electrical malfunction
<i>PA.IX.C.K2b</i>	b. Vacuum/pressure and associated flight instrument malfunctions
<i>PA.IX.C.K2c</i>	c. Pitot/static system malfunction
<i>PA.IX.C.K2d</i>	d. Electronic flight deck display malfunction
<i>PA.IX.C.K2e</i>	e. Landing gear or flap malfunction
<i>PA.IX.C.K2f</i>	f. Inoperative trim
<i>PA.IX.C.K3</i>	Smoke/fire/engine compartment fire.
<i>PA.IX.C.K4</i>	Any other system specific to the airplane (e.g., supplemental oxygen, deicing).
<i>PA.IX.C.K5</i>	Inadvertent door or window opening.
Risk Management	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.IX.C.R1</i>	Failure to use the proper checklist for a system or equipment malfunction.
<i>PA.IX.C.R2</i>	Distractions, loss of situational awareness, or improper task management.
Skills	The applicant demonstrates the ability to:
<i>PA.IX.C.S1</i>	Describe appropriate action for simulated emergencies specified by the evaluator, from at least three of the elements or sub-elements listed in K1 through K5 above.
<i>PA.IX.C.S2</i>	Complete the appropriate checklist.