

VI. Navigation

Task	C. <i>Diversion</i>
References	FAA-H-8083-2, FAA-H-8083-25; AIM; Navigation Charts
Objective	To determine that the applicant exhibits satisfactory knowledge, risk management, and skills associated with diversion.
Knowledge	The applicant demonstrates understanding of:
<i>PA.VI.C.K1</i>	Selecting an alternate destination.
<i>PA.VI.C.K2</i>	Situations that require deviations from flight plan or ATC instructions.
Risk Management	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.VI.C.R1</i>	Collision hazards, to include aircraft, terrain, obstacles, and wires.
<i>PA.VI.C.R2</i>	Distractions, loss of situational awareness, or improper task management.
<i>PA.VI.C.R3</i>	Failure to make a timely decision to divert.
<i>PA.VI.C.R4</i>	Failure to select an appropriate airport or seaplane base.
<i>PA.VI.C.R5</i>	Failure to utilize all available resources (e.g., automation, ATC, and flight deck planning aids).
Skills	The applicant demonstrates the ability to:
<i>PA.VI.C.S1</i>	Select a suitable destination and route for diversion.
<i>PA.VI.C.S2</i>	Make a reasonable estimate of heading, groundspeed, arrival time, and fuel consumption to the divert airport.
<i>PA.VI.C.S3</i>	Maintain the appropriate altitude ± 200 feet and heading $\pm 15^\circ$.
<i>PA.VI.C.S4</i>	Update/interpret weather in flight.
<i>PA.VI.C.S5</i>	Utilize flight deck displays of digital weather and aeronautical information, as applicable.