

I. Preflight Preparation

Task	D. Cross-Country Flight Planning
References	14 CFR part 91; FAA-H-8083-2, FAA-H-8083-25; Navigation Charts; Chart Supplements; AIM; NOTAMs
Objective	To determine that the applicant exhibits satisfactory knowledge, risk management, and skills associated with cross-country flights and VFR flight planning.
Knowledge	The applicant demonstrates understanding of:
<i>PA.I.D.K1</i>	Route planning, including consideration of different classes and special use airspace (SUA) and selection of appropriate and available navigation/communication systems and facilities.
<i>PA.I.D.K2</i>	Altitude selection accounting for terrain and obstacles, glide distance of the airplane, VFR cruising altitudes, and the effect of wind.
<i>PA.I.D.K3</i>	Calculating:
<i>PA.I.D.K3a</i>	a. Time, climb and descent rates, course, distance, heading, true airspeed, and groundspeed
<i>PA.I.D.K3b</i>	b. Estimated time of arrival to include conversion to universal coordinated time (UTC)
<i>PA.I.D.K3c</i>	c. Fuel requirements, to include reserve
<i>PA.I.D.K4</i>	Elements of a VFR flight plan.
<i>PA.I.D.K5</i>	Procedures for activating and closing a VFR flight plan.
Risk Management	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.I.D.R1</i>	Pilot.
<i>PA.I.D.R2</i>	Aircraft.
<i>PA.I.D.R3</i>	Environment (e.g., weather, airports, airspace, terrain, obstacles).
<i>PA.I.D.R4</i>	External pressures.
<i>PA.I.D.R5</i>	Limitations of air traffic control (ATC) services.
<i>PA.I.D.R6</i>	Improper fuel planning.
Skills	The applicant demonstrates the ability to:
<i>PA.I.D.S1</i>	Prepare, present, and explain a cross-country flight plan assigned by the evaluator including a risk analysis based on real-time weather, to the first fuel stop.
<i>PA.I.D.S2</i>	Apply pertinent information from appropriate and current aeronautical charts, Chart Supplements; NOTAMs relative to airport, runway and taxiway closures; and other flight publications.
<i>PA.I.D.S3</i>	Create a navigation plan and simulate filing a VFR flight plan.
<i>PA.I.D.S4</i>	Recalculate fuel reserves based on a scenario provided by the evaluator.