

VIII. Basic Instrument Maneuvers

Task	E. Recovery from Unusual Flight Attitudes
References	FAA-H-8083-2, FAA-H-8083-3, FAA-H-8083-15
Objective	To determine that the applicant exhibits satisfactory knowledge, risk management, and skills associated with attitude instrument flying while recovering from unusual attitudes solely by reference to instruments.
Knowledge	The applicant demonstrates understanding of:
<i>PA.VIII.E.K1</i>	Flight instruments as related to:
<i>PA.VIII.E.K1a</i>	a. Sensitivity, limitations, and potential errors in unusual attitudes
<i>PA.VIII.E.K1b</i>	b. Correlation (pitch instruments/bank instruments)
<i>PA.VIII.E.K1c</i>	c. Function and operation
<i>PA.VIII.E.K1d</i>	d. Proper instrument cross-check techniques
Risk Management	The applicant demonstrates the ability to identify, assess and mitigate risks, encompassing:
<i>PA.VIII.E.R1</i>	Instrument flying hazards to include failure to maintain VFR, spatial disorientation, loss of control, fatigue, stress, and emergency off airport landings.
<i>PA.VIII.E.R2</i>	Failure to seek assistance or declare an emergency in a deteriorating situation.
<i>PA.VIII.E.R3</i>	Collision hazards, to include aircraft, terrain, obstacles, and wires.
<i>PA.VIII.E.R4</i>	Distractions, loss of situational awareness, or improper task management.
<i>PA.VIII.E.R5</i>	Failure to interpret flight instruments.
<i>PA.VIII.E.R6</i>	Failure to unload the wings in recovering from high G situations.
<i>PA.VII.E.R7</i>	Exceeding the operating envelope during the recovery.
Skills	The applicant demonstrates the ability to:
<i>PA.VIII.E.S1</i>	Recognize unusual flight attitudes; perform the correct, coordinated, and smooth flight control application to resolve unusual pitch and bank attitudes while staying within the airplane's limitations and flight parameters.