

## VIII. Basic Instrument Maneuvers

<b>Task</b>	<b><i>E. Recovery from Unusual Flight Attitudes</i></b>
<b>References</b>	FAA-H-8083-2, FAA-H-8083-3, FAA-H-8083-15
<b>Objective</b>	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.
<b>Knowledge</b>	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
<b>Risk Management</b>	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.
<b>Skills</b>	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.