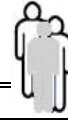


## Error Precursors (short list)



<b>Task Demands</b>	<b>Individual Capabilities</b>
<input type="checkbox"/> Time pressure (in a hurry)	<input type="checkbox"/> Unfamiliarity w/task / First time
<input type="checkbox"/> High Workload (memory requirements)	<input type="checkbox"/> Lack of knowledge (mental mode)
<input type="checkbox"/> Simultaneous, multiple tasks	<input type="checkbox"/> New technique not used before
<input type="checkbox"/> Repetitive actions, monotonous	<input type="checkbox"/> Imprecise communication habits
<input type="checkbox"/> Irrecoverable acts	<input type="checkbox"/> Lack of proficiency / Inexperience
<input type="checkbox"/> Interpretation requirement	<input type="checkbox"/> Indistinct problem-solving skills
<input type="checkbox"/> Unclear goals, roles, and responsibilities	<input type="checkbox"/> "Hazardous" attitude for critical task
<input type="checkbox"/> Lack of or unclear standards	<input type="checkbox"/> Illness / Fatigue
<b>Work Environment</b>	<b>Human Nature</b>
<input type="checkbox"/> Distractions / Interruptions	<input type="checkbox"/> Stress (limits attention)
<input type="checkbox"/> Changes / Departures from routine	<input type="checkbox"/> Habit patterns
<input type="checkbox"/> Confusing displays or controls	<input type="checkbox"/> Assumptions (inaccurate mental picture)
<input type="checkbox"/> Workarounds / OOS instruments	<input type="checkbox"/> Complacency / Overconfidence
<input type="checkbox"/> Hidden system response	<input type="checkbox"/> Mindset ("tuned" to see)
<input type="checkbox"/> Unexpected equipment conditions	<input type="checkbox"/> Inaccurate risk perception (Pollyanna)
<input type="checkbox"/> Lack of alternative indication	<input type="checkbox"/> Mental shortcuts (biases)
<input type="checkbox"/> Personality conflicts	<input type="checkbox"/> Limited short-term memory