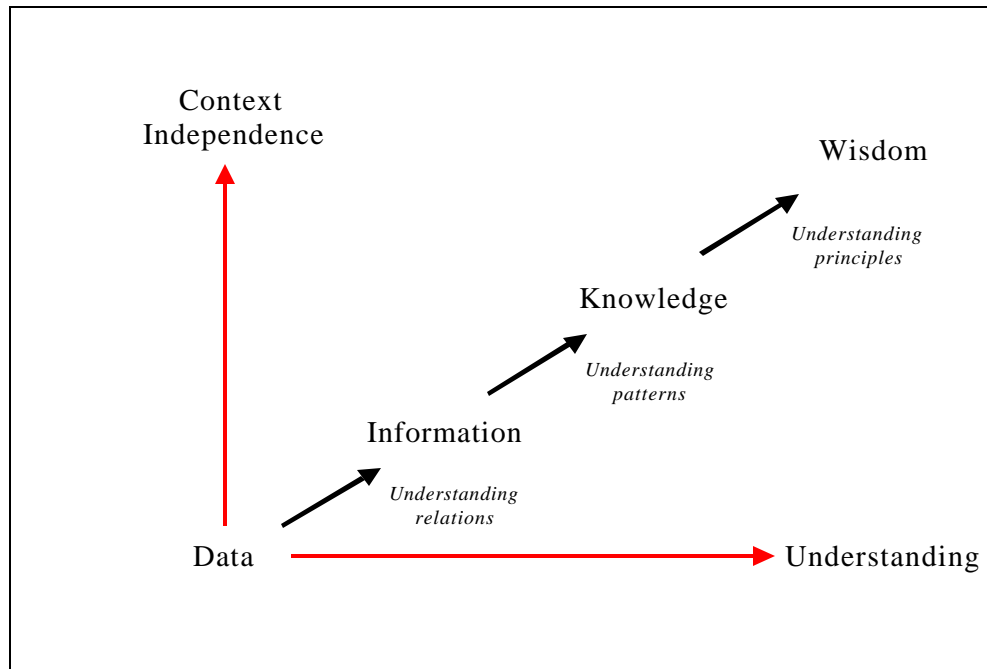


Knowledge Management Paper Proposal

Working Title: *Using Knowledge Management to Optimize Decision Making in Aviation*

The act of transforming data into information, information to knowledge, and knowledge to wisdom seems like an abstract, non-quantifiable event. While there is even debate about the major differences between these terms, there is more confusion surrounding the paths between them.



The aviation industry is heavily data and information laden. For every action a controller, pilot, traffic flow specialist takes, there is a paper trail left behind that is ripe for scrutiny. Some of this data is utilized and explained in summary reports. But for the most part, the utility of this data/information decreases as it slowly fades into the past. A knowledge management initiative could do wonders for this process. The ability to understand patterns and principles and the leverage the lessons learned into future activities would be a gain for the aviation community. By focusing on the generation and codification phases of KM, this paper will present a KM model which will lead to increased returns in organization (FAA) and system (National Airspace System) performance.