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Motivation:

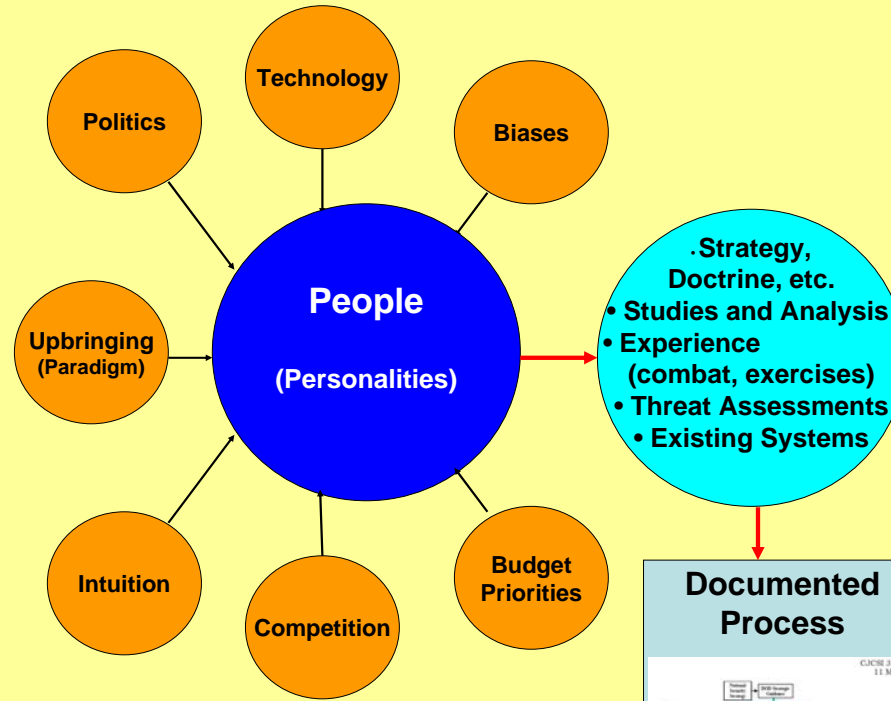
The process to determine needs for new aircraft has produced some notable successes...



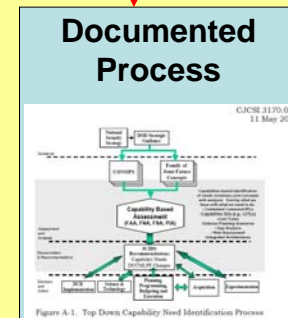
As well as some that were not well aligned with Air Force capability deficiencies.



Numerous inputs which are not formalized in the current process shape needs. This research seeks to understand mechanisms by which useful inputs and detrimental inputs can be identified as such.



NEEDS Documentation



Specific Research Questions:

- What are the “undocumented” inputs (from outside the formal process) into Need Determination for new aircraft?
- How detrimental or useful are these “undocumented” inputs?
- Can the formal process be altered to eliminate the detrimental inputs and capture the useful inputs?

Methodology:

Historical case studies of both successes and shortfalls will be examined.

Results:

The results of this research will improve the ability of the enterprise to identify inputs to the processes used to define needed capabilities, resulting in improved performance.