



# Other Possible Demonstrations / Funding Opportunities for Model-Assisted POD Effort

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# Other Possible Demonstrations / Funding Opportunities



- **ISU - Currently being funded by AFRL, FAA, and NASA to lead the MAPOD working group. Norio Nakagawa is being funded to improve his boundary element eddy current models. Future funding is unknown.**
  - potentially could do more, if Congressional Plus-up funding level increases
- **FAA - \$.5 mil has been awarded to ISU to improve boundary element eddy current models and POD curves will be predicted with those models.**
  - potentially could leverage FAA Centers of Excellence
- **NASA- could approach Super Problem Resolution Team**
- **Potential AFRL Opportunities**
  - **NDE Research Branch (POC: Charlie Buynak) could start a funding wedge from FY06 core research funds**
  - **SBIR topics**
    - **VHM JSF topic (POC: Tom Moran)**
    - **SPO Topics: B-52 (These would start after 1.5 years.)**
  - **Congressional Plus-up program support (These would start 3Q FY06 or FY07)**
- **Potential ASC/AASS (USAF Aging Aircraft Program) funding (FY06? FY07?)**
- **Potential AFMC HQ funding (FY06? FY07?)**

**Need White Papers ASAP!**



# White Papers



- **Of course, need to address funding source requirements**
- **Need to demo technical feasibility of MAPOD concept on “cracks under fasteners” problem or “cracks in turbine disk” problem**
- **Desire broad teaming approach and participation**
- **Need ROM estimates of program cost.**