



Catapult CSV Calculator

FY09 TechSolutions project



OPERATIONAL NEED

Problem:

- Capacity selector valve (CSV) setting calculation requires a series of manual lookups in paper reference tables
- Time pressure creates stress and increases error potential

Value to Warfighter:

- Increased efficiency and safety
- Increased accuracy reduces wear on catapult machinery

Impact if Not Addressed:

- Manual process is slow
- Reduced accuracy increases wear on catapult machinery
- Errors could put aircraft and personnel at risk

Submitter: LCDR, NAS Whidbey Island



SOLUTION

The Technology:

- Ruggedized PDA containing electronic reference tables
- Simple, easy-to-use interface
- Automatic error checking

Status:

- Final shipboard user assessment Dec 2010

NRE Partner:

- NAVAIR Lakehurst

BUSINESS CASE

Project Cost:
\$85K

Start date: August 2009
End date: Dec 2010

Transition sponsor: PMA251

S&T Focus Area: Total Ownership Cost
(Manning Optimization)