

WE'LL COME TO YOU

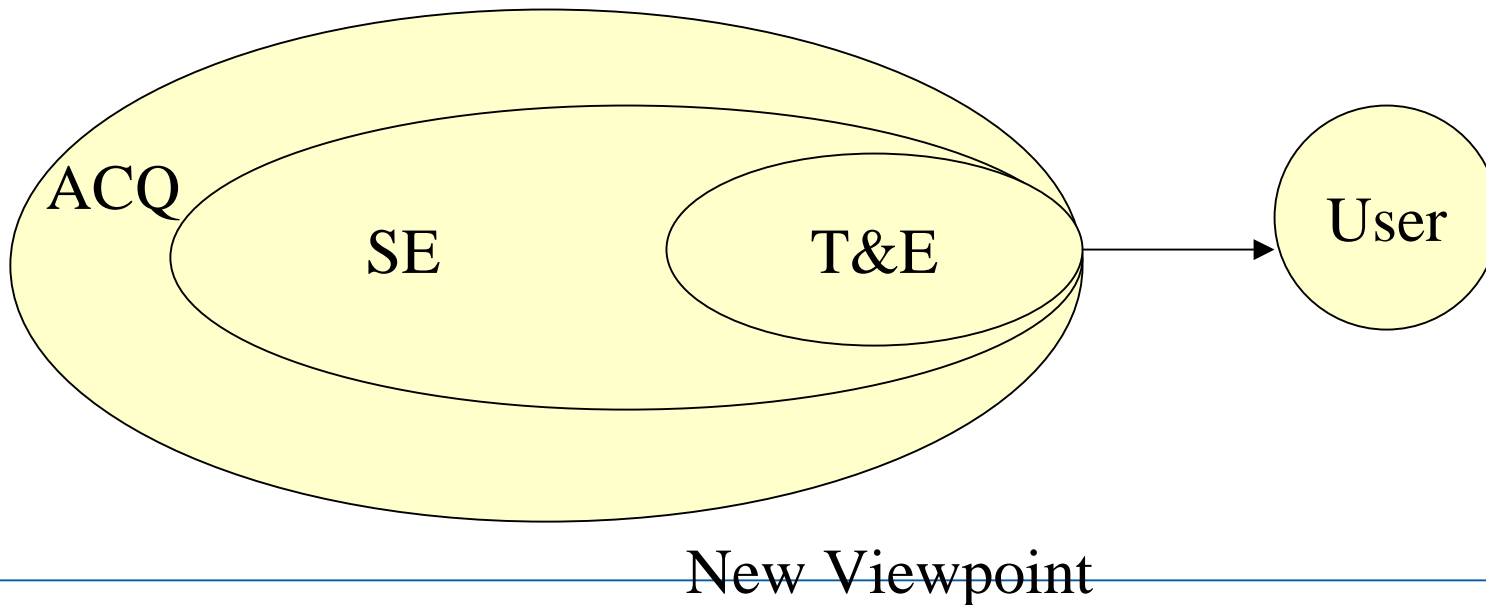
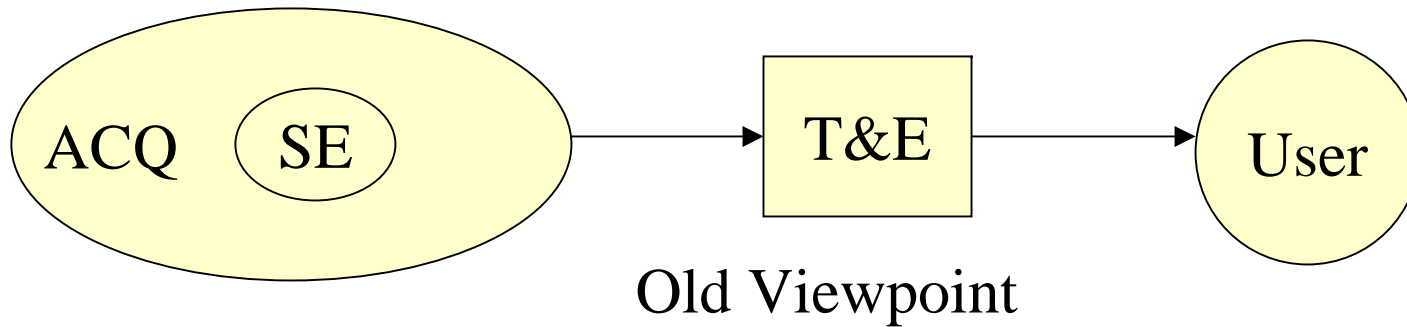
**DR. DONALD P. MCERLEAN
DEPUTY ASSISTANT COMMANDER FOR
RESEARCH AND ENGINEERING, NAVAL
AIR SYSTEMS COMMAND**

**Summit on the Role of Test and
Evaluation in the Systems Engineering
Process**

17 August 2004

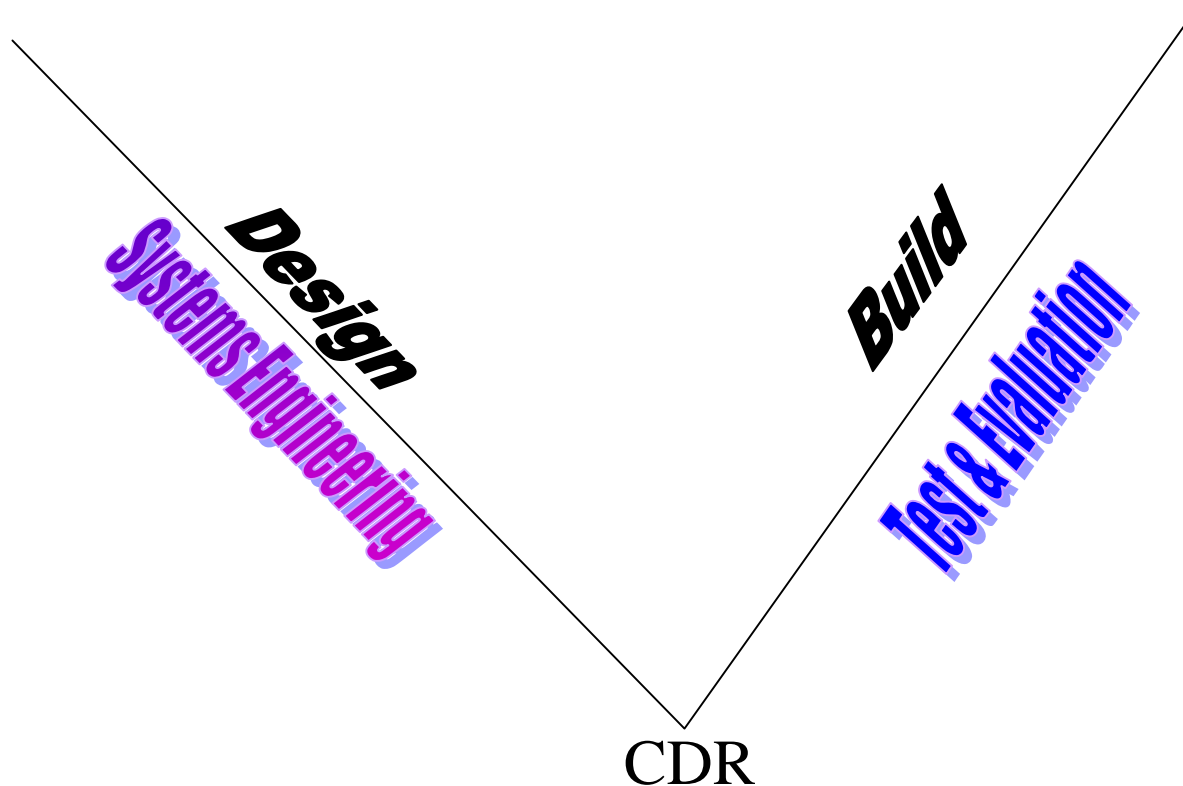
NAV  AIR

T&E and SE Relationship



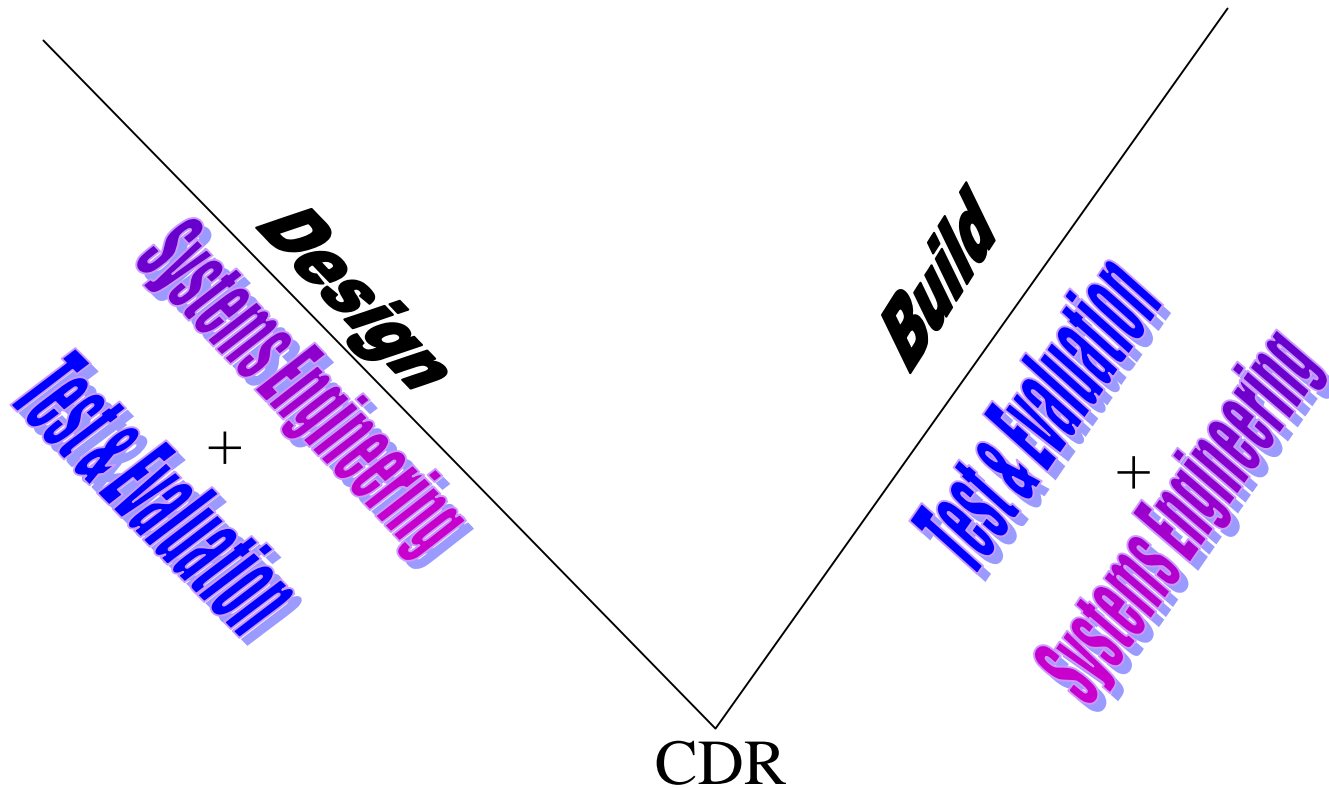
T&E and SE Relationship

Current View of Acquisition

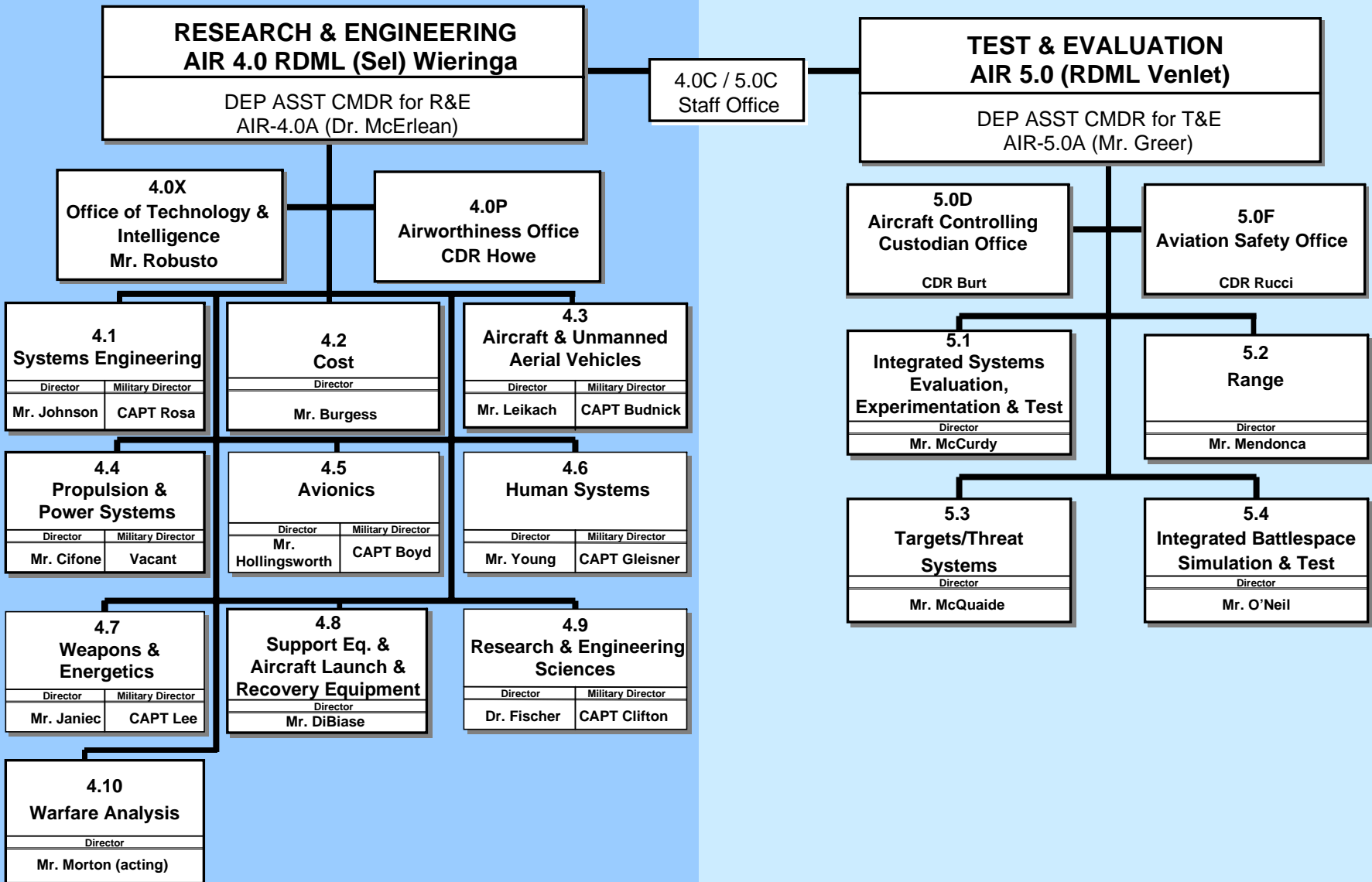


T&E and SE Relationship

Proper View of Acquisition



What Are We Standing Up (as of 1 Nov)



PROPOSED

Assistant Commander for Research, Engineering, Test & Evaluation (RDML (Sel) Wieringa)

Deputy Assistant Commander for Research & Engineering 4.0A (Dr. McErlean)

Deputy Assistant Commander for Test & Evaluation 5.0A (Mr. Greer)

Shared / Combined Services
 4.0C / 5.0C Staff Offices
 In-Service Engineering
 New Projects Office
 4.0P Airworthiness Office
 5.0F Aviation Safety Office

4.0X
 Office of Technology & Intelligence
 (Mr. Robusto)

4.1
 Systems Engineering

Director	Military Director
Mr. Johnson	CAPT Rosa

4.2
 Cost

Director
Mr. Burgess

4.3
 Aircraft & Unmanned Aerial Vehicles

Director	Military Director
Mr. Leikach	CAPT Budnick

5.1
 Integrated Systems Evaluation, Experimentation & Test

Director
Mr. McCurdy

5.2
 Range

Director
Mr. Mendonca

4.4
 Propulsion & Power Systems

Director	Military Director
Mr. Cifone	Vacant

4.5
 Avionics

Director	Military Director
Mr. Hollingsworth	CAPT Boyd

4.6
 Human Systems

Director	Military Director
Mr. Young	CAPT Gleisner

5.3
 Threat/Target Systems

Director
Mr. McQuaide

5.4
 Integrated Battlespace Simulation & Test

Director
Mr. O'Neil

4.7
 Weapons & Energetics

Director	Military Director
Mr. Janiec	CAPT Lee

4.8
 Support Equipment & Aircraft Launch & Recovery Equipment

Director
Mr. DiBiase

4.9
 Research & Engineering Sciences

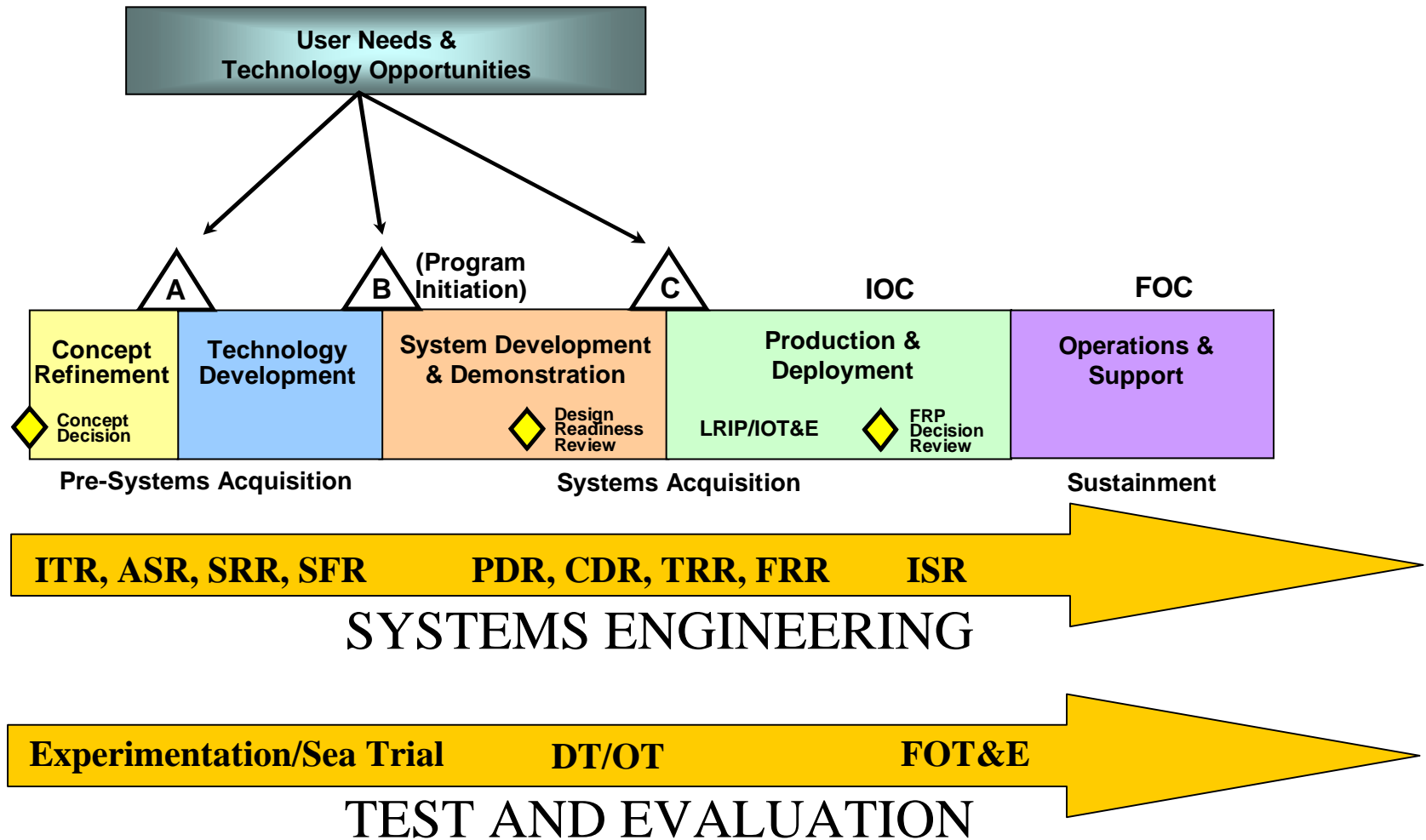
Director	Military Director
Dr. Fischer	CAPT Clifton

4.10
 Warfare Analysis

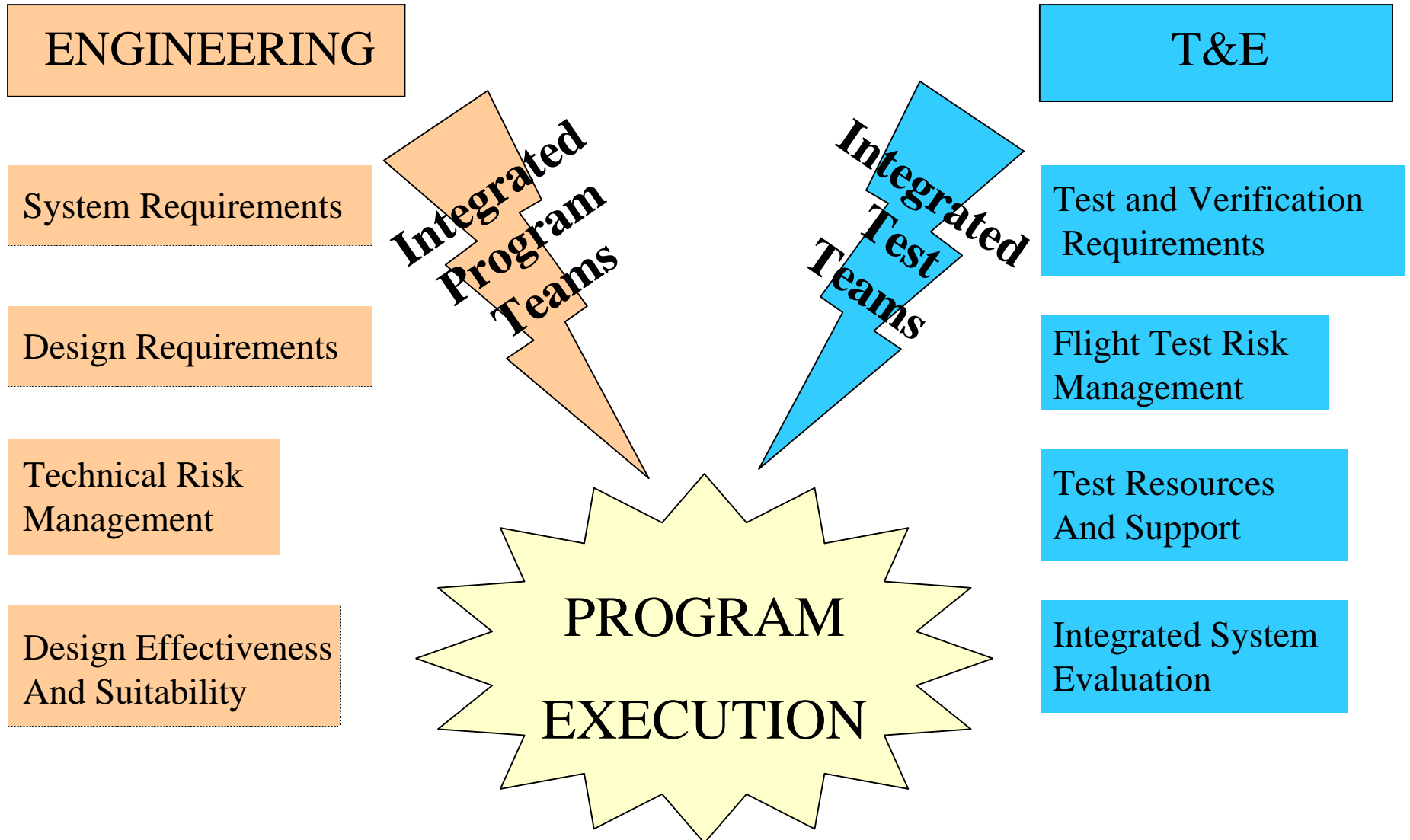
Director
Mr. Morton (acting)

SE AND T&E WITHIN THE ACQUISITION PROCESS

THE 5000 MODEL



ENGINEERING AND TEST TEAMING



Benefits of Integrating Engineering and Test

- Rapid delivery of solutions
 - Affordable
 - Integrated
 - Capabilities-based
- Innovation breakthroughs
 - Warfare
 - Technology
 - Business