## Human Systems Integration (HSI)



From Science & Technology to Acquisition: HSI Execution in the U.S. Air Force

#### **Col Bill Mueller**

Director, Human Systems Integration 711<sup>th</sup> Human Performance Wing Air Force Research Laboratory

### U.S. AIR FORCE

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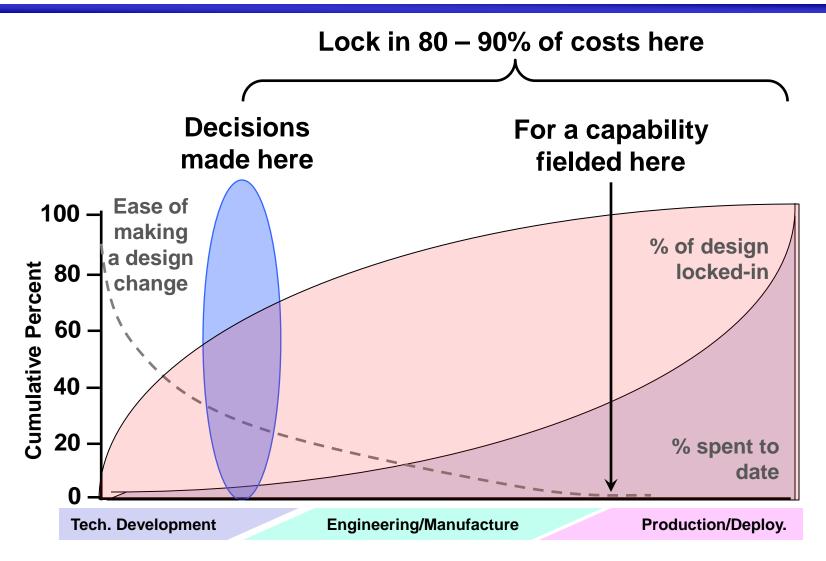
## **The Human Element**

• The Human Element

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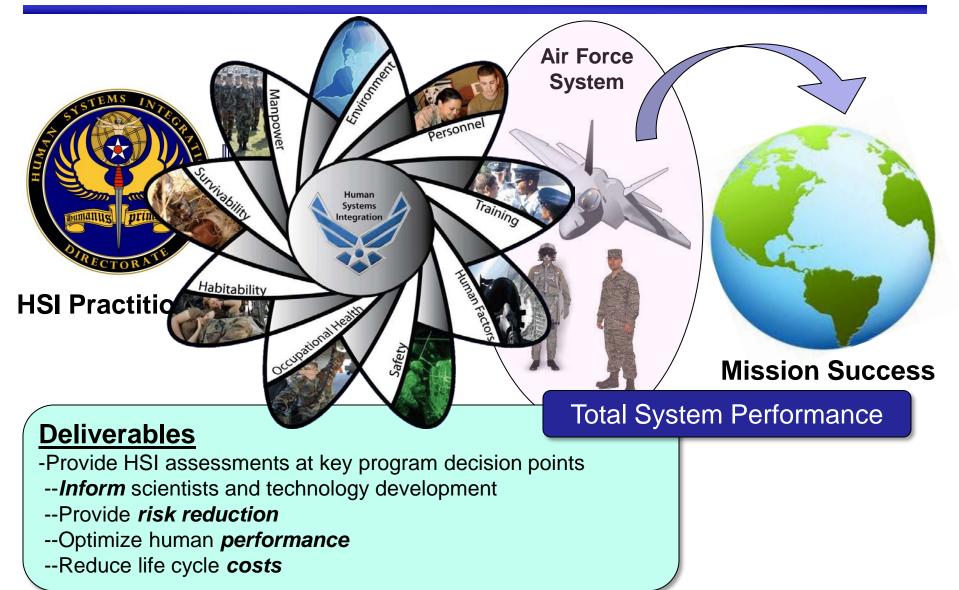


## **Early HSI**





## HSI in the USAF



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# Future HSI Considerations

- Who are operators of the future?
- **Operator workload/overload**
- In what environments will we fight?
- Medical standards/fitness for UAS operations
- How will we train for future/nonexistent systems?
- Mental health effects of remote warfare
- Autonomous operations and HSI implications



Manpower



Personnel Survivability



Personnel



Training



**Occ Health** 



**Human Factors** 



**Habitability** 

**Environment** Safety DISTRIBUTION STATEMENT A.Approved for public release: distribution unlimited.



## **Questions?**

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