## Logistics Officer Association Symposium 2018

Data Analytics Condition
Based Maintenance Plus
12 october 2018

Flightline of the Future

MAXIMIZED PART LIFE

**Prognostics & Health** 

**Management (PHM)** 

MONITORING

RELIABILITY CENTERED MAINTENANCE (RCM)



Health & Usage Monitoring
System (HUMS)

DATA DRIVEN
DECISIONS

HOLISTIC FLEET KNOWLEDGE Minimize Unscheduled Downtime, Maximize Availability, Reduce Maintenance Cost.

**Condition Based Maintenance Plus** 

CULTURE CHANGE

NO MISSION ABORTS

Predictive Maintenance

Early Detection of Failures
Enables Life Cycle Management.



BIG DATA
ANALYTICS

MAINTENANCE STEERING GROUP-3 (MSG-3)



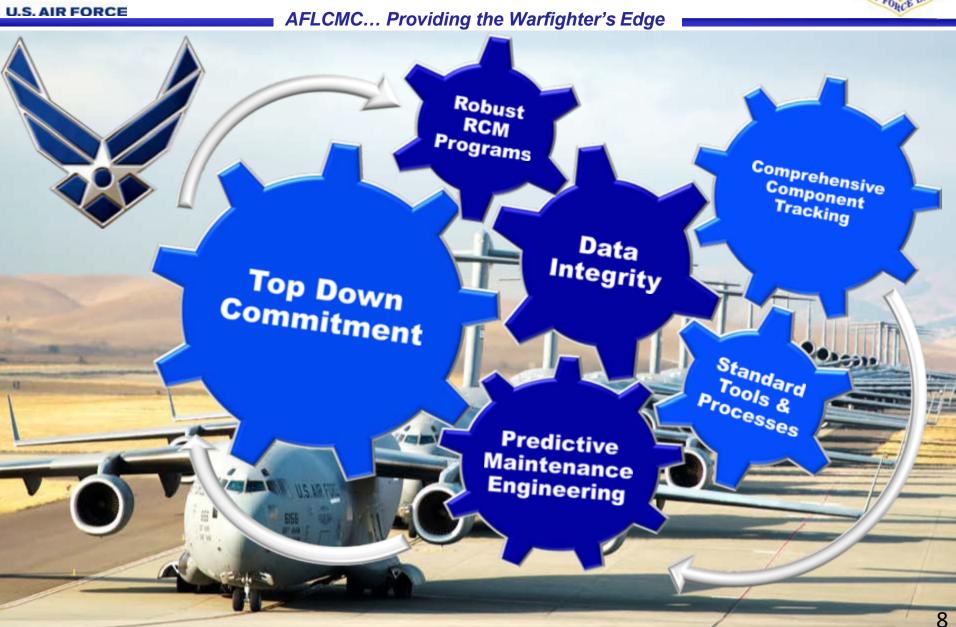
Integrated Vehicle Health Management (IVHM)

**CBM+** is the foundation!



## **CBM+ Foundation**







## **Panelists**



AFLCMC... Providing the Warfighter's Edge





Mr. Jeffery Vaughn, USAF, B-1 Chief Engineer



 Ms. Melanie Jonason, USAF, Propulsion Chief Engineer



- Mr. Craig Amadeo, Delta Air Lines ADELTA
- Mr. Serg Posadas, Clockwork Solutions, LLC clockwork
- Mr. Kevin McCormick, Lockheed Martin Rotary and Mission Systems

