

# Users Experience and Expectations From Military Engineering Services

5<sup>th</sup> Batch MES- FC @ Dr. MCRHRDI, Hyderabad- 12 Jul 23

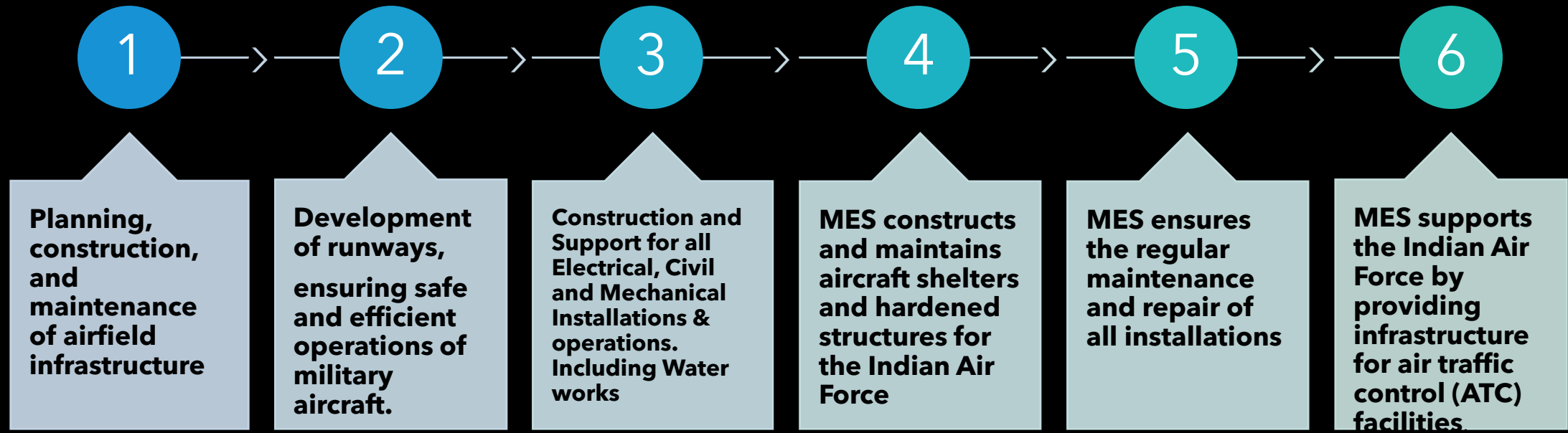


Wg Cdr (Dr) A K Srinivas (Retd)  
e Governance Professional  
International Trainer  
Consultant World bank Group

# Do you know what is expected from you

- Advice and Execute
- Responsible for the design, construction and maintenance of all works, buildings, airfields, dock installations, etc.
- We Have IDES , QS&C and Architects

# Importance of MES in supporting Indian Airforce



# Primary Expectations of Users from the MES

**Timely Project Completion**

**Quality Infrastructure**

**Effective Project Management**

**Responsive Communication**

**Safety and Security**


**Environmental Sustainability**

**Emergency Response Capability**

**Cost-effectiveness**

**Collaboration and Coordination**

**Adaptability to Changing Needs**



Air Force has  
different types  
of Equipment  
and their  
needs are  
different

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**Highly skilled force**

**Planned Vs maintenance works**

**Special Repairs and periodic Services**

**Timely support in terms of BOO etc**

**More proactive involvement from Assistant Garrison Engineers'**

# Users Expectations- Indian Air Force



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## Infrastructure Readiness

Timely maintenance, repair, and modernization of infrastructure are crucial to support aircraft operations and mission readiness

protection from adverse weather conditions, security threats, and provide a conducive environment for maintenance activities

Reliable communication systems, radar installations, and navigation aids are critical for safe and efficient air operations.

Fencing, access control systems, surveillance, and response capabilities should be in place to ensure the security of assets, personnel, and information

Quick and effective response during emergencies, such as accidents or natural disasters, is vital to minimize damage and ensure the safety of personnel and assets.

Emphasis on innovation, incorporating emerging technologies, and adopting best practices are essential to meet evolving operational need

# Healthy Interactions

Password - Security

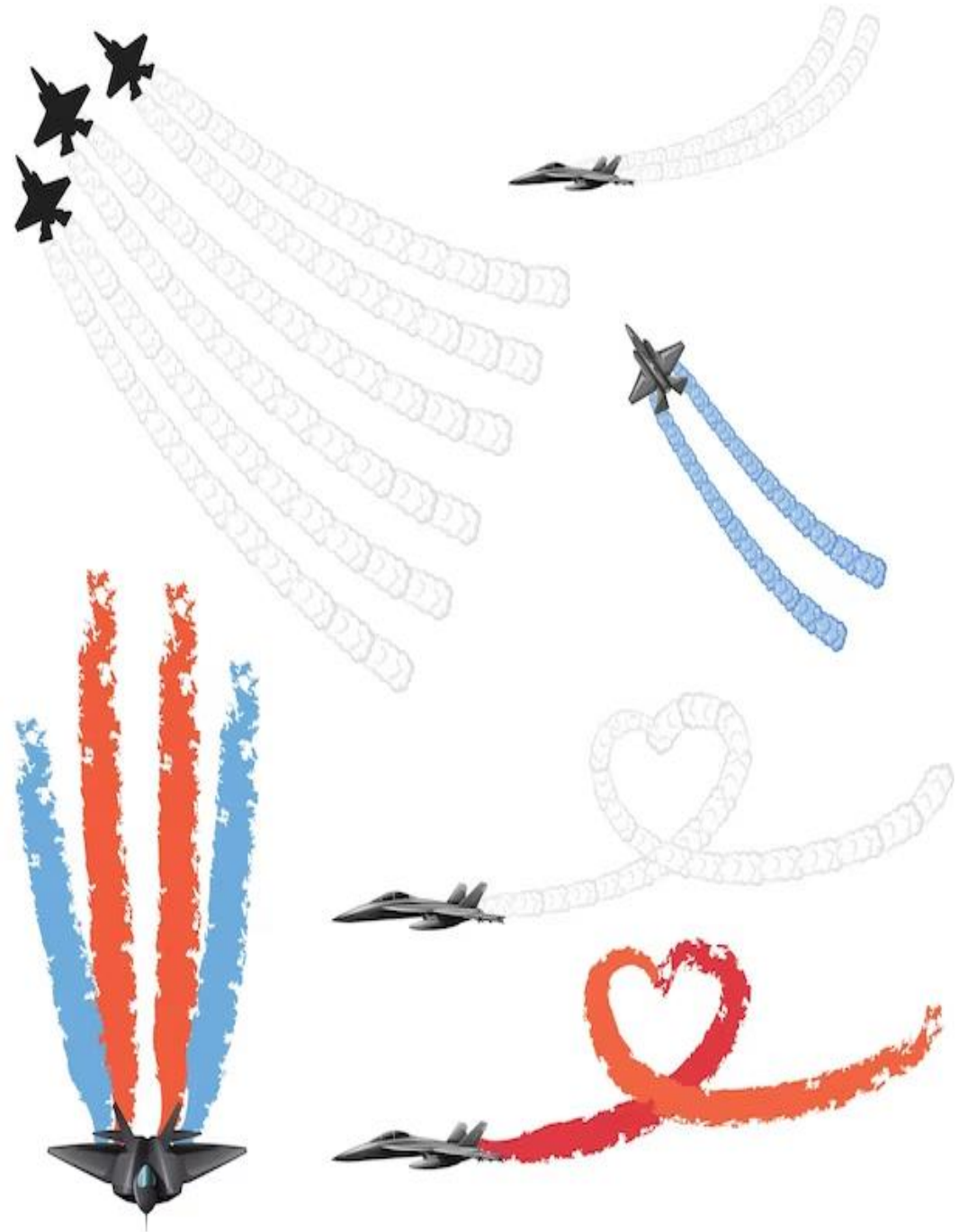
Pranks and Happy moments

AF Mindset different from sister services

Voltage issue- Bombs storage

Morning briefing- Arrestor Barrier- posting from army

Requirements are far different





# Challenges



- **Planning of major operational projects/ runway rehabilitation/ resurfacing**
- **Maintenance of high altitude bases/ border satellite bases**
- **Usage of Information Technology**
- **Understanding of budgetary allocations**
- **Change in environment - Needs changes in planning/ execution and provision of services**
- **Active cooperation and collaboration**
- **Understanding of sensitiveness of work and freedom of action**
- **Lack of sufficient funding, manpower, and equipment can hinder MES operations.**



# Probable solutions

- **Optimize resource utilization**
- **Consider public-private partnerships for infrastructure development**

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- **Establish partnerships with research institutions and industry experts to stay updated on the latest technological trends**
- **Streamline approval processes by carrying out Process Reengineering and implement efficient project management systems to ensure compliance without compromising project timelines**



Any questions?

Thank you!

You can reach me @ 8790724887  
aksri69@gmail.com

