

JOHN LEE KOON SUM
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EDUCATION

Diploma in Mechanical Engineering	06 1989
- Ngee Ann Polytechnic	
Advance Diploma in Aerospace	07 2006
- Singapore Polytechnic	
Bachelor of Science in Aerospace Engineering (BSE) – <u>First Class Honors</u>	09 2013
- Singapore University of Social Science	
Promotion to Air Force Major rank – Republic of Singapore Air Force	07 2018

EXPERIENCE

US AIR FORCE – Hill AFB, USA.

www.hill.af.mil | 2020 - today

F-16 Foreign Liaison Officer (FLO).

- ✓ Country Lead representing the Republic Singapore Air Force (RSAF) to promote and solicit solutioning to common engineering and programmatic issues among the 46 international F-16 users, the US Government, and the related F-16 worldwide industry.
 - Through several formalized meeting channels with the F-16 international partners to discuss and strengthen the aircraft sustainment and new upgrade options, assist RSAF for strategic decision of the F-16 fleet budget expenditure.
 - In direct relationship with the US F-16 Industry and the USG, look for better and new opportunities and supportability in the sustainment of the F-16.
 - Advise to the RSAF on the F-16 upgrading modernization program, on budget, MRO, engineering, and supply chain perspectives. Direct relationship with the OEM Lockheed Martin Co. for the development of RSAF F-16 modernization project.
 - Lead and represent the RSAF to liaise, direct and work with various equipment suppliers and specialists in procurement and timely deliveries to support the operational needs and capabilities of RSAF.

REPUBLIC OF SINGAPORE AIR FORCE (RSAF).

| 2000 - 2014

F-16 Maintenance, Repair & Overhaul (MRO) Lead.

- ✓ Lead of the military RSAF F-16 fleet maintenance and logistics support office.
 - Set up the CONUS based, RSAF F-16AB Fighter Squadron at 425FS, Luke Air Force Base, Arizona. Conceptualized, developed, and coordinated with the USAF leadership to operationalize the maintenance operations and logistics supportability and sustainment for O, I and D Levels.
 - Set up the CONUS based, RSAF F-16CD Fighter Squadron at 428FS, Cannon Air Force Base, New Mexico. Conceptualized, developed, and coordinated with the USAF leadership to operationalize the maintenance operations and logistics supportability and sustainment for O, I and D Levels.
 - Set up the RSAF F-16D+ Maintenance and Logistics, 808 Fighter Squadron to support the then newly acquired F-16D+ Fighter Squadron based in Singapore.
 - Assumed the appointment as the MXO lead. Provided direct mission generation support of aircraft support by consolidation and executing on-equipment activities necessary to produce properly configured, mission-ready weapon system to meet operational contingency, or training mission requirements. As the Squadron Maintenance Lead, coordinated the engineering and technical services, manages Group programs, support plans, maintenance facilities, budgets, external commercial contracts, workforce structure, solidified communications and status of resources and training reporting.

REPUBLIC OF SINGAPORE AIR FORCE (RSAF).

| 2014 - 2017

Military Maintenance Group Officer.

- ✓ As the RSAF officer, supervised and managed the maintenance tasks on several military aircraft and helicopters (A4, F-16AB, F-16CD, F-16D+).
 - Involved in the process management and acceptance of the F-16 V-Upgrade program.
 - Worked with Lockheed Martin as well as the various systems' OEMs and suppliers for spares and ground support equipment to support the life cycle management and sustainment of the F-16.

REPUBLIC OF SINGAPORE AIR FORCE (RSAF).

| 2017 - 2021

Maintenance Standards Office

Developed and led the RSAF Maintenance Standards covering technical competencies and expertise of the technicians and engineers for various RSAF aircraft platforms (F-15, F-16, AH-64, UAV, Chinooks).

- ✓ As the governance of the Maintenance Standards lead, audited the maintenance squadrons of the RSAF.
 - Formalised the RSAF Maintenance Standards handbook.
 - Significantly improved the Engineering Maintenance Standards for the RSAF.
 - Maintenance Standards covered audits and engineering training related to the aforementioned topics on different levels of severity, helping the RSAF raised both awareness and high standards to comply the regulations and keeping the operation safe.
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ADDITIONAL INFORMATION

RESUME

RESUME

- ✓ **Technical Skills.** RSAF Licensed Aircraft Engineer.
Systems Engineering
Coaching and Mentoring and leadership skills.
Continuous improvement, Planning control,
Aeronautical business market knowledge and effective negotiation skills,
technology knowledge and engineering process abilities.
- ✓ **PC** CRM, Microsoft Office & Project, Excel Solve, Maple, Solid Works.
- ✓ **Languages** English | Mandarin | Malay
- ✓ **Work Authorization** Currently VISA A-2
- ✓ **Sports** Soccer, Tennis, Hiking and Pickleball.
- ✓ **References** **See the next page.**

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REFERENCES

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