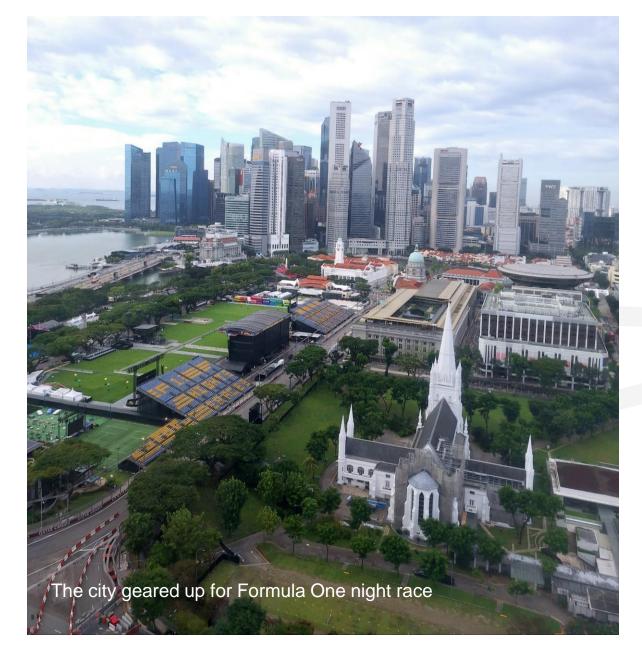
# Singapore

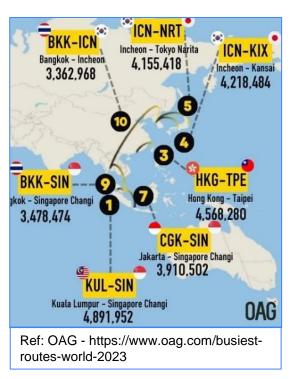


Global Market Information Day 24 Sep 2024

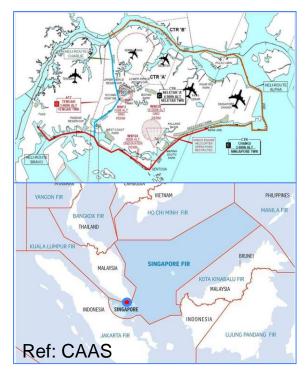




# Air connectivity is our economic lifeblood



Singapore on 3 of the top 10 busiest international air routes.



Singapore has 5 airports and manages a Flight Information Region that extends to S.China Sea.



A 1,080 ha expansion and new Terminal 5, adding 50 mil pax to capacity. Completion in mid 2030s.



#### **Economic contribution**

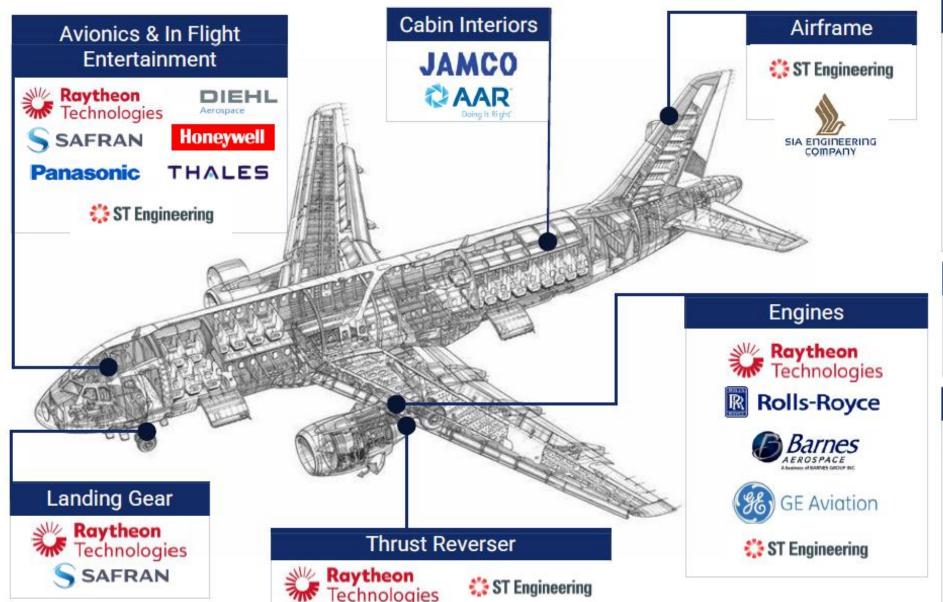
- The Aviation hub contributes about 5% to GDP, employing 200,000.
- Aerospace manufacturing and MRO accounted for S\$15 billion (US\$11.4 billion) in output and employed 22,000 in 2023.

#### Recent announcements:

- ST Engineering 4-bay hangar S\$170 million
- Safran Electrical & Power manufacturing, MRO for aeronautical electrical equipment
- Barnes Aerospace new component repair facility
  50% increase in Singapore footprint
- Singapore Aero Engine Services (RR JV) invests
  US\$180 million to grow capacity by 40%
- Collins Aerospace US250 million new plant at Seletar to replace Bedok facility
- Eagle Services Asia (P&W JV) 48,000 sqft expansion of GTF overhaul capacity
- GE Aerospace "smart factory" for aircraft engine repair
- Thales to recruit more than 1000 people over 3 years for avionics and digital sectors



#### **Nose to Tail Capabilities for MRO**







**APUs** 















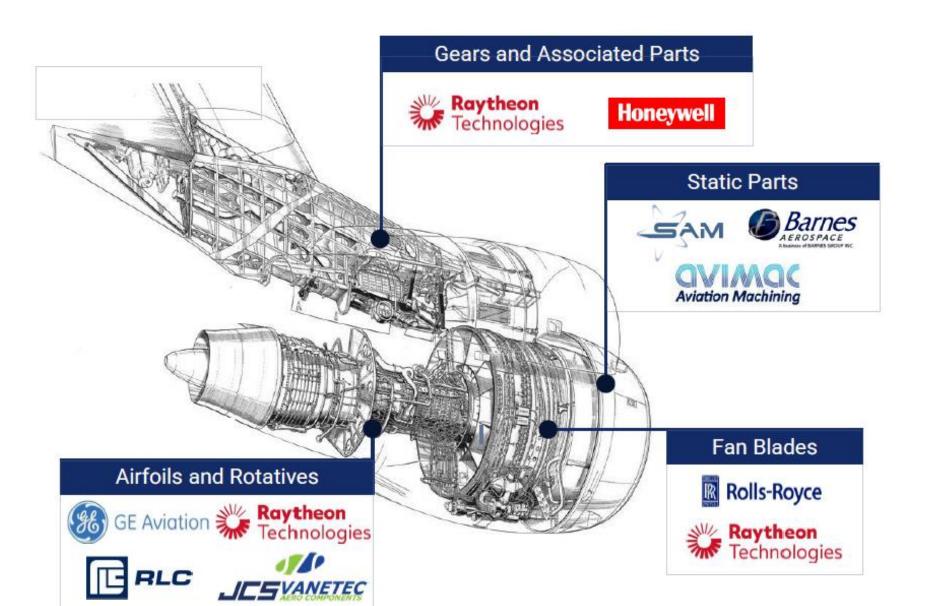






Ref: Singapore EDB

### **Manufacturing High Value Components**





Ref: Singapore EDB

## Defence – aircraft operated by RSAF



#### SINGAPORE'S SPACE JOURNEY

low-light camera

KACIFIC 1

Commercial Ka-band

POPSAT-HIP 1

system nanosatellite

TELEOS-1

VELOX P-II



AOBA VELOX-III Demonstrator satellite with electric propulsion



GALASSIA Photon correlation verification demonstrator



NUX-1 loT satellite





VELOX-CI satellite demonstrating



ATHENOXAT-1 Satellife with **AOBA VELOX-IV** low-light vision Demonstrator satellite for propulsion and



KENT-RIDGE 1 maging microsatellite

SCOOB-I

3U student cubesat

with solar spectral



SPATIUM Space-precision utility mission



VELOX-1



VELOX-PIII Phone-sized picosatellite







TELEOS-2



**ORB-12 STRIDER** demonstrator satellite



VELOX-AM demonstrator satellite



Platform for science



GALASSIA-2

EO imaging satellite

LUMELITE-5

Small satellite

demonstrator

SPEQTRAL-1

QKD satellite

Space

- More than 15 SATELLITES built and launched since 2011
- FIRST COMMERCIAL satellite launched in 2015
- OVER 50 local and international companies
- **OVER 2,000** professionals across engineering, research and business roles within the sector

Ref: Office of Space Technology and Industry https://www.space.gov. sg/singapore-spaceecosystems/highlights/

>15 Satellites built and launched since 2011

Satellite projects in the pipeline



Space environment satellite



DS-SAR



LUMELITE-1/2/3 Formation flying



LUMELITE-4

VDES for maritime

ELITE

VLEO remote

sensing satellite

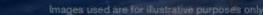
SCOOB-II Cubesat to test













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