

SAF On Track For Next-Gen Transformation

Advanced platforms and modern training areas developed both locally and overseas will ensure the Singapore Armed Forces (SAF) is ready to tackle new and increasingly complex security challenges.

ARMY



The **TPQ-53 Weapon Locating Radar** provides improved acquisition and identification of hostile rocket, artillery and mortar threats for early warning to enhance force protection and enable swift destruction of hostile threats.

The **BELREX Protected Combat Support Vehicle (Mortar)**, equipped with the **120mm Advanced Mortar System**, requires less manpower and can be quickly deployed for responsive fire support.



The **VELOCE 15 mini-Unmanned Aerial Vehicle (mUAV)**, which will replace the SKYBLADE III mUAV, has an improved operating range and can provide high-resolution live imagery to forces for real-time situational awareness.

NAVY



The Navy inaugurated the **Maritime Security and Response Flotilla** in Jan 2021 to add capacity and capabilities to protect Singapore's waters and respond to expanded maritime threats.



The Navy will employ the **Maritime Security Unmanned Surface Vessels (USVs)** to conduct round-the-clock patrols for more persistent surveillance of Singapore's waters and enhanced operational response. In Jan 2021, the Navy's **Mine Countermeasure USV** successfully neutralised an underwater threat in a first-of-its-kind firing.



The Navy utilises **Augmented Reality Glasses** to enhance deployed ships' ability to consult Subject Matter Experts ashore to rectify defects. This enables more effective and longer operations at sea.

AIR FORCE



The **A330 Multi-Role Tanker Transport's** enhanced air-to-air refueling capability extends the endurance of fighter aircraft. It can also transport supplies or evacuate sick and injured personnel.

The **H225M Medium-Lift Helicopter** has about 20 per cent longer-range capability than the AS332M Super Puma, and can carry out search and rescue (SAR) and humanitarian assistance and disaster relief (HADR) operations.



The **CH-47F Heavy-Lift Helicopter**, which will replace the older Chinooks, will provide the SAF with robust heli-lift capability for a wide range of operations (e.g. SAR and HADR).



The **Island Air Defence System** is multi-layered, networked and intelligent — integrating advanced sensors, weapon systems, decision-making tools and command and control elements to neutralise air threats.



INFRASTRUCTURE



The SAF's Instrumented Battle Circuits will be progressively operationalised, beginning with **Mural Urban Battle Circuit** in 2022. SAFTI City is on schedule to be completed by 2024.

Singapore and the US are working closely to develop the design and construction plans for the facilities and training space at the **RSAF's Fighter Training Detachment In Guam**, which will be completed in 2029.



Major construction for the **expanded Shoalwater Bay Training Area** in Australia, including facilities like the Combined Arms Air-Land Ranges and Urban Operations Live-Firing Facilities, is on track for completion in 2024.