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Fact Sheet – NDP 2024 Air Participation Components

RSAF Flypasts in the Heartlands

1. Prior to the National Day Parade (NDP) at the Padang on 9 August, the Republic of Singapore Air Force (RSAF) will reach out to Singaporeans in the heartlands through the “Fly Our Flag” flypast and the “Island Flypast”.

i) Fly Our Flag. Into its fifth year, the “Fly Our Flag” segment has become an NDP favourite. Two CH-47SD/F Heavy Lift Helicopters, each escorted by two AH-64D Apache Attack Helicopters, will carry the State Flag into the heartlands around Singapore. From 5.45pm to 6.30pm, they will be flying our State Flag via two routes to bring the NDP festivities to Singaporeans in the heartlands. The Western Route will comprise locations such as Woodlands, Choa Chu Kang, Bukit Batok, Jurong and West Coast. The Eastern Route will comprise locations such as Seletar, Sengkang, Punggol, Pasir Ris, Bedok and East Coast.

ii) Island Flypast. Six F-16s will conduct a flypast through the heartlands of Singapore. From around 6pm to 6.30pm, the flypast will greet Singaporeans at various locations around the island, such as Clementi, Jurong West, Choa Chu Kang, Bukit Batok, Woodlands, Toa Payoh, Seletar, Punggol and Bendemeer.

Air Participation at the Padang and Marina Bay Area

2. Pre-Parade. In the pre-parade segment at the Padang, the RSAF’s C-130 transport aircraft will fly the Red Lions over the Padang to conduct the crowd favourite Military Free Fall segment.

3. Parade and Ceremony. During the Parade and Ceremony segment, iconic favourites – the “State Flag Flypast” and “Salute to the Nation” segments – will showcase the pride and respect we have for our nation.

i) State Flag Flypast. An iconic part of the NDP, a CH-47SD/F Heavy Lift Helicopter, escorted by two AH-64D Apache Attack Helicopters, will carry the State Flag past the Padang during the National Anthem.

ii) Salute to the Nation. Five F-16 fighter aircrafts will carry out the bomb-burst manoeuvre over the Padang after the National Anthem as a mark of respect and a salute to our nation.



4. Total Defence 40 Dynamic Defence Display. In commemoration of 40 years of Total Defence, there will be a series of aerial displays from two pairs of F-16s and two AH-64D Apache Attack Helicopters in the Total Defence 40 Dynamic Defence Display (TD40 D3). Two RSAF Surface-to-Air Python-5 and DERby (SPYDER) Ground Based Air Defence (GBAD) system will also be partaking in this segment.

i) F-16 Air Threat Interception. The first aerial profile of the TD40 D3 segment will showcase two pairs of F-16s being scrambled to intercept suspicious aircraft heading toward Singapore. The public can see the first pair flying across the Padang symbolising how the F-16 protects our nation, while the second pair will fly in from the rear of the National Gallery Singapore (NGS) and perform a vertical climb to demonstrate the agility and capability of the fighter jet.

ii) SPYDER Ground Based Air Defence Deployment. During the F-16 aerial display, two RSAF SPYDERs will enter the Padang's show centre in support of the aerial activities. The SPYDERs will be featured in its deployed mode, showcasing its capabilities in defending our skies through the use of pyrotechnics to simulate a missile firing and neutralising of the air target.

iii) AH-64D Air-Sea Integrated Operation. The second aerial display will showcase an air-sea integrated operation with two AH-64D Apache Attack Helicopters executing a target engagement manoeuvre over the Marina Bay and the Padang in support of the maritime operations.

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For further queries, please contact:



Ms Lim Wei Qin



Assistant Manager (Media Relations)

Tel: +65 9617 3066

Email: Lim_Wei_Qin@mindef.gov.sg

Annex A: The RSAF's Participating Assets

S/N	Name of Asset	Description
1	CH-47SD/F Heavy Lift Helicopter 	<p>The CH-47F Heavy Lift Helicopter is an advanced multi-mission helicopter with a fully integrated, digital cockpit management system, providing pilots with more information on their surroundings and advanced autopilot capabilities. It is also equipped with advanced cargo-handling capabilities, advanced avionics, and capabilities such as Satellite Communication systems and self-protection suite to enable greater connectivity and better aircraft survivability.</p> <p>With better lift and reach capabilities, the CH-47F Heavy Lift Helicopters complement the RSAF's fleet of helicopters to provide the Singapore Armed Forces (SAF) with a robust lift capability for a wide range of operations including Search and Rescue, aeromedical evacuation, troop lift, fire-fighting and Humanitarian Assistance and Disaster Relief (HADR) operations.</p>
2	AH-64D Apache Attack Helicopter 	<p>The AH-64D Apache Attack Helicopter is a multi-mission attack helicopter, designed to fight and survive in day, night, and adverse weather conditions. It is the first tandem-seat helicopter in the RSAF, with the pilot located in the rear seat and co-pilot in the front seat. The AH-64D can be equipped with a highly sophisticated Fire Control Radar, which gives it the ability to detect, classify and prioritise stationary and moving targets both on the ground and in the air.</p>
3	F-16C/D Fighting Falcon	<p>The F-16 is a multi-role tactical fighter aircraft with full air-to-air and air-to-surface capabilities. The aircraft features modern core avionics, Common Colour Multi-Function Display, sophisticated radar, smart weapon compatibility and</p>

S/N	Name of Asset	Description
		<p>state-of-the-art navigation and targeting systems.</p>
4	<p>Surface-to-Air PYthon-5 and DERby-Air Defence System (SPYDER)</p> 	<p>The SPYDER GBAD system is an all-weather air defence system with anti-aircraft, anti-munition capabilities and advanced infrared and radar-guided missiles with an effective interception range of up to 15km. The SPYDER missile system is equipped for 360-degree engagement against aerial threats and is able to engage multiple aerial targets simultaneously.</p>

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