DEPLOYABLE AIRCRAFT MAINTENANCE FACILITY
One of the most essential parameters of an aircraft fleet is availability, particularly when operating remotely and out of dispersed forward bases.

Saab’s Deployable Aircraft Maintenance Facility enhances vital aircraft maintenance capacity during deployed operations and increases aircraft accessibility. It is also suitable as a complement or substitute to stationary maintenance facilities at main bases.

Utilising Saab’s thinking edge technology, the system requires minimum logistical footprint and is rapidly deployed for additional flexibility. The rigid design and compliance with NATO environmental standards facilitates operation in the toughest of climates.

The Deployable Aircraft Maintenance Facility features:

- First line maintenance hangar
- Maintenance containers
- Integrated Saab Barracuda multispectral protection

Multispectral Protection

Saab Barracuda multispectral camouflage covers the hangar and containers. It provides protection against detection in the visual, near infrared, short wave infrared, thermal infrared and broadband radar wavebands. The multispectral camouflage also limits the effect of sun radiation, contributing to reduced internal temperature in the covered objects.

First Line Maintenance Hangar

The hangar enables enhanced aircraft maintenance capacity at the forward operating base and has integrated multispectral camouflage to protect the aircraft and personnel. Its versatile design provides a great level of flexibility, as most available military fighters and helicopters can be fitted inside the hangar.

Designed with a structural strength equivalent to fixed infrastructure, the hangar has an ability to withstand significant environmental strains. This, plus the minimal maintenance required, makes for an ideal semi-permanent solution at forward bases as well as main bases.

Six maintenance containers can be connected to the first line maintenance hangar via docking modules, providing a completely sealed and protected maintenance environment.

The first line maintenance hangar is rapidly deployed, requiring only man power.

The hangar is transported in specially designed air transport platforms weighing 66% less than ISO transport containers. Enabling significant weight and cost savings during air transportation.
FACTS AND FIGURES

Length  ~38 m
Width    20 m
Height   8 m
Weight   15,000 kg (incl. 2 air transport platforms)
Covered surface  610 m²
Indoor volume  3300 m³
Transportability  Air, land, railway and sea

MAINTENANCE CONTAINER SYSTEM

The maintenance container system consists of standard 20 feet ISO containers and is designed as a modular concept to facilitate main base workshop maintenance capacity in deployable format. The containers are fully protected with integrated Saab Barracuda multispectral camouflage.

Fully customisable, the furnishings can be adapted e.g. to the specific aircraft types operated by the customer, mission profile and doctrine.

THE CONTAINER SYSTEM INCLUDES:

- Aircrew equipment
  - Aircrew equipment maintenance container
  - Pilot locker room container
- Maintenance and mission planning
  - Maintenance support container
  - Mission support container
- Maintenance support
  - Consumables and dangerous goods container
  - Ejection seat maintenance container
  - Ground support equipment container
  - Spares and storage container
  - Weapon maintenance container
  - Wheel and brake maintenance container

FACTS AND FIGURES

Length  6.06 m
Width    2.44 m
Height   2.44 m
Weight   <9000 kg
Transportability  Air, land, railway and sea
DEPLOYABLE AIRCRAFT MAINTENANCE FACILITY: ENHANCED CAPABILITY DURING DEPLOYED OPERATIONS

1. FIRST LINE MAINTENANCE HANGAR
2. GROUND SUPPORT EQUIPMENT CONTAINER
3. WHEEL AND BRAKE MAINTENANCE CONTAINER
4. MAINTENANCE SUPPORT CONTAINER
5. EJECTION SEAT MAINTENANCE CONTAINER
6. WEAPON MAINTENANCE CONTAINER
7. PILOT LOCKER ROOM CONTAINERS
8. AIRCREW EQUIPMENT MAINTENANCE CONTAINER
9. SPARES & STORAGE CONTAINER
10. CONSUMABLES & DANGEROUS GOODS CONTAINER
11. MISSION SUPPORT CONTAINER
Saab’s Deployable Aircraft Maintenance solution combines over 50 years’ experience in signature management with mission verified excellence. The Deployable Aircraft Maintenance concept has been utilised by the Swedish Air Force during several international operations.

**MISSIONS**

**SWEDISH AIR FORCE**
- Joint Air Patrol, Iceland Air Space Enforcement (2014)
- Operation Unified Protector, Sigonella/Libya (2011)
- ISAF/Afghanistan (2004 – present)

**ITALIAN AIR FORCE**
- ISAF/Afghanistan (2007 – present)

**EXERCISES**

**SWEDISH AIR FORCE**
- Nordic Air Meet – Joint Winter
- Frisian Flag – Dragon Nest
- Nordic Fighter Meet – Battle Griffin
- Nordic Air Meet – Cold Response
- Continuity of Operations Jaguar – Red Flag, Alaska
- Continuity of Operations Key – COOP Chance
- Air Defense Exercise – BALTOPS
- Loyal Arrow – Red Flag, Nellis/Las Vegas
### MAINTENANCE CONTAINERS

The maintenance containers provide main base workshop maintenance capacity. The container concept is modular with fully customizable furnishing.

#### AIRCREW EQUIPMENT MAINTENANCE
- **Preventive and corrective maintenance capacity**

#### PILOT LOCKER ROOM
- Specially designed aircraft equipment assembly cabinets for storing and drying of flight equipment

#### MAINTENANCE AND MISSION PLANNING MAINTENANCE SUPPORT
- **Planning, analysis and management of maintenance data and information**

#### MISSION SUPPORT
- **Planning, analysis and management of mission data and information**

#### MAINTENANCE SUPPORT
- **CONSUMABLES & DANGEROUS GOODS**
  - Storage and management of consumables and dangerous goods/liquids

#### EJECTION SEAT MAINTENANCE
- Preventive and corrective maintenance capacity

#### GROUND SUPPORT EQUIPMENT
- Equipped for packaging, handling, storage and transportation (PHST)

#### SPARES & STORAGE
- Secured storage of spare parts

#### WEAPON MAINTENANCE
- Preventive and corrective maintenance capacity

#### WHEEL & BRAKE MAINTENANCE
- Preventive and corrective maintenance capacity