

Gripen seminar

#smartfighter



Ellen Molin

Head of Business Area Support & Services

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Agenda

01

Gripen program & market update

Eddy de la Motte

02

Gripen - more than a fighter

Ellen Molin

03

The Swedish Air Force and Gripen E

Torgny Fälthammar

04

Questions

Important information

This presentation may contain forward-looking statements which reflect Saab AB's current view on future events and financial and operational development. Words such as "intend", "expect", "anticipate", "may", "believe", "plan", "estimate" and other expressions which imply indications or predictions of future development or trends, and which are not based on historical facts, are intended to identify forward-looking statements. Forward-looking statements inherently involve both known and unknown risks and uncertainties as they depend on future events and circumstances. Forward-looking statements do not guarantee future results or development and the actual outcome could differ materially from the forward-looking statements.

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Eddy de la Motte

Head of Business Unit Gripen E/F

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Programme

Highlights

Last 12 months



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Gripen E/F Update

- Sweden and Brazil contracts 2013 and 2014
- First flight in 2017, with fully qualified software
- Flight tests now focus on sensors, weapons and tactical functions
- 6 Gripen E in flight test
- Deliveries and production continue in 2020



Flight tests with tactical systems & sensors





| Update: Sweden

- The first serial produced Swedish Gripen E aircraft entered the joint verification and validation (VoV) programme in the end of last year

Update: Brazil

- First Brazilian Gripen E aircraft was delivered to start the flight test programme
 - To arrive in Brazil by end of 2020
- Technology transfer progress
 - Systems Rig Gripen simulator inaugurated at GDDN in Brazil
 - First flight test conducted by Brazilian test engineers
- Gripen Flight Test Center (GFTC) at GDDN in 2020



First metal cut Gripen F

- Developed together with Brazilian partner companies within the Transfer of Technology programme
- Part of offer to Finland



Gripen to Finland

- Finnish flight evaluation HX Challenge completed successfully
- Gripen and GlobalEye
- A revised offer in response to the revised Request for Quotation for the Finnish HX programme submitted 31 January



| Gripen to Canada

- Gripen for Canada Team
- 88 Gripen E
- Offer to be submitted by end of June



Our global footprint



● = Gripen prospects

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Gripen

More than a fighter



Gripen Support

Deployable Maintenance

Main base capability while deployed

- Self-sufficient capability
- Multi-Spectral Protection
- Infrastructure optimization
- Enhanced maintenance capacity

Anywhere, anytime



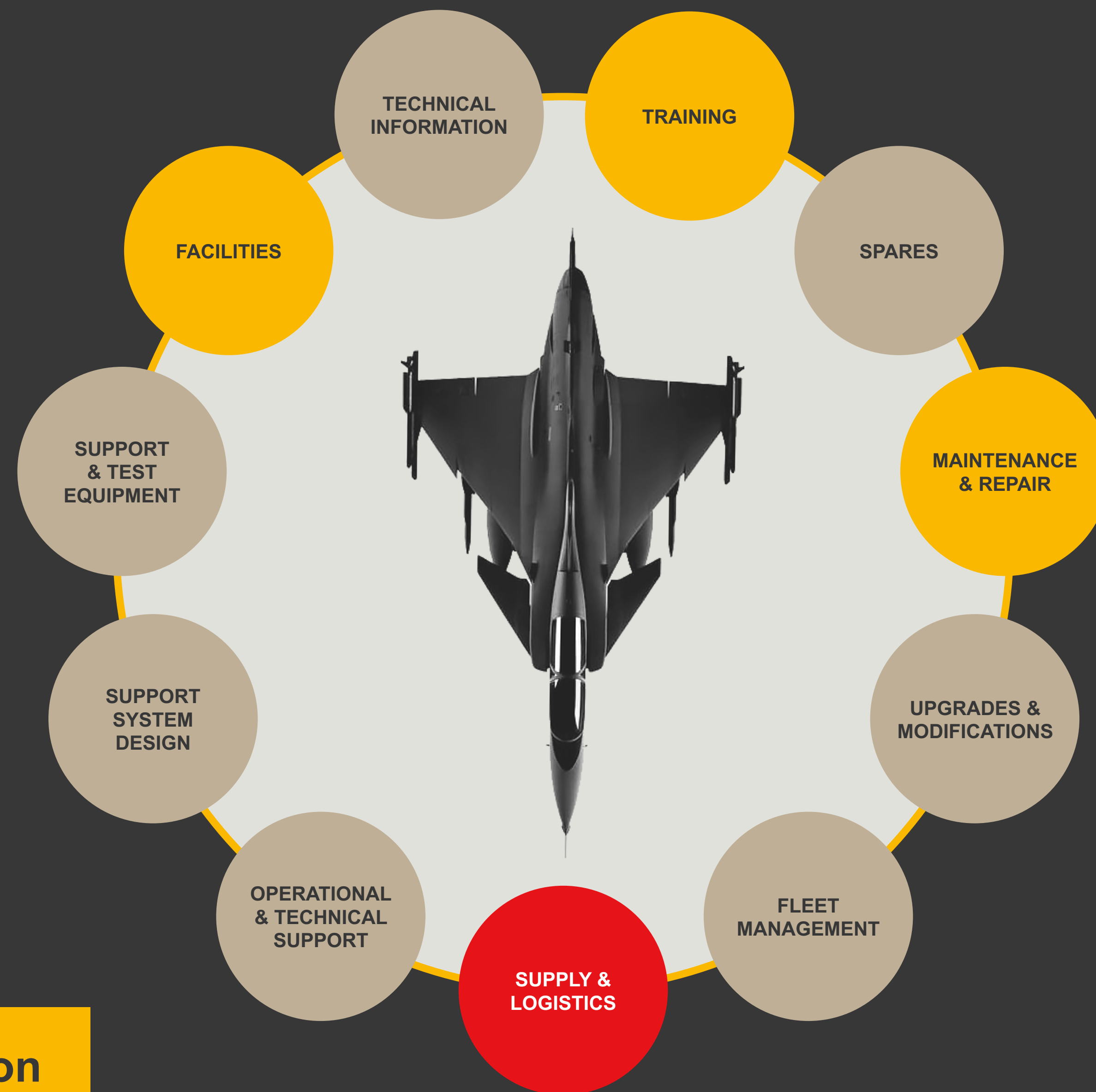
Gripen Support

Local presence

By establishing local support operations
Saab will help any Gripen customer to:

- Safeguard availability
- Maximise time in the air
- Increase operational effect

Available by definition



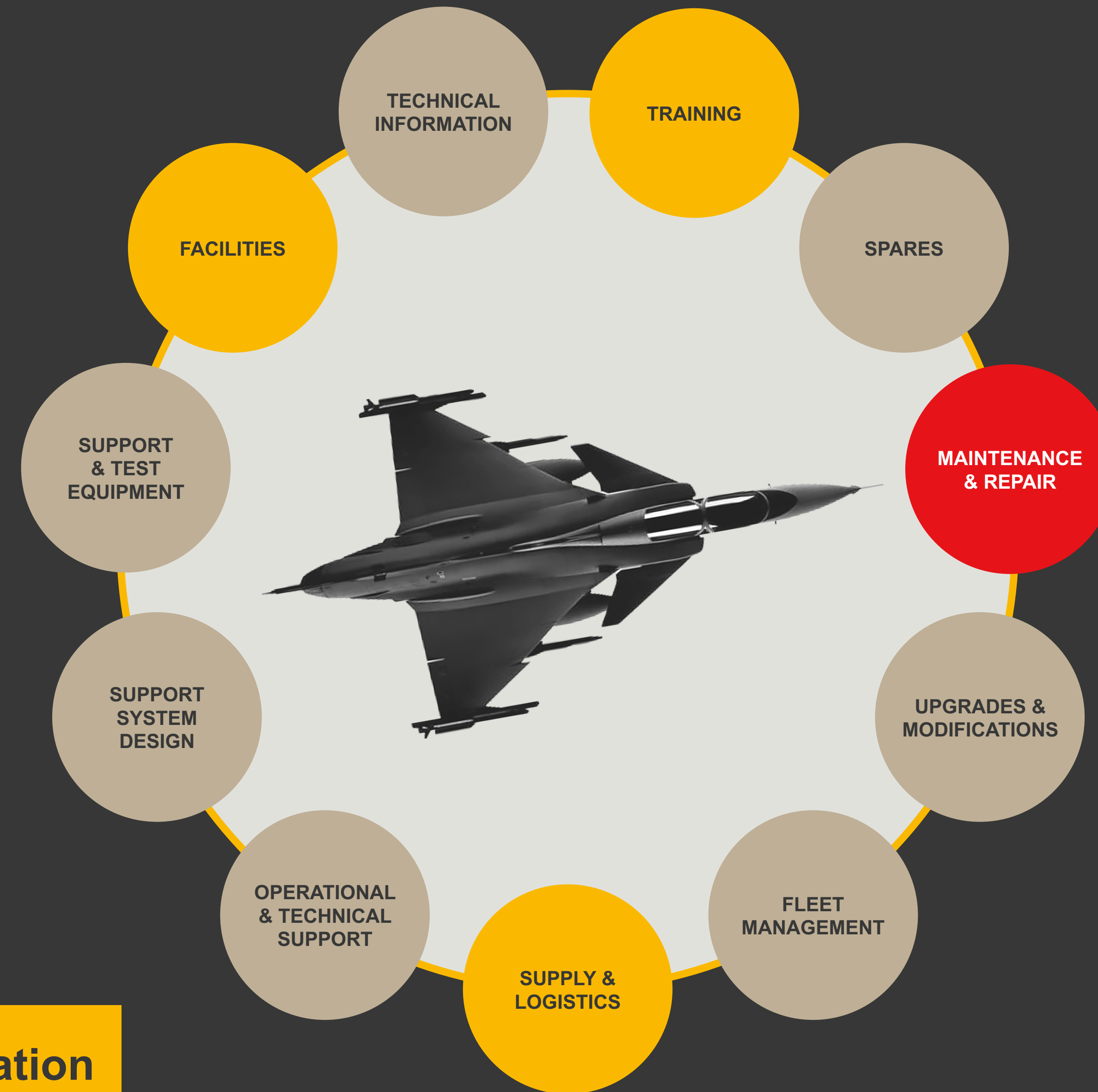
Gripen Support

3D-printed spare parts

Aircraft Battle Damage repair (ABD)

1. Print temporary parts quickly
2. Install on aircraft
3. Fly to home base
4. Replace part when available
5. Container based

Supportable by innovation



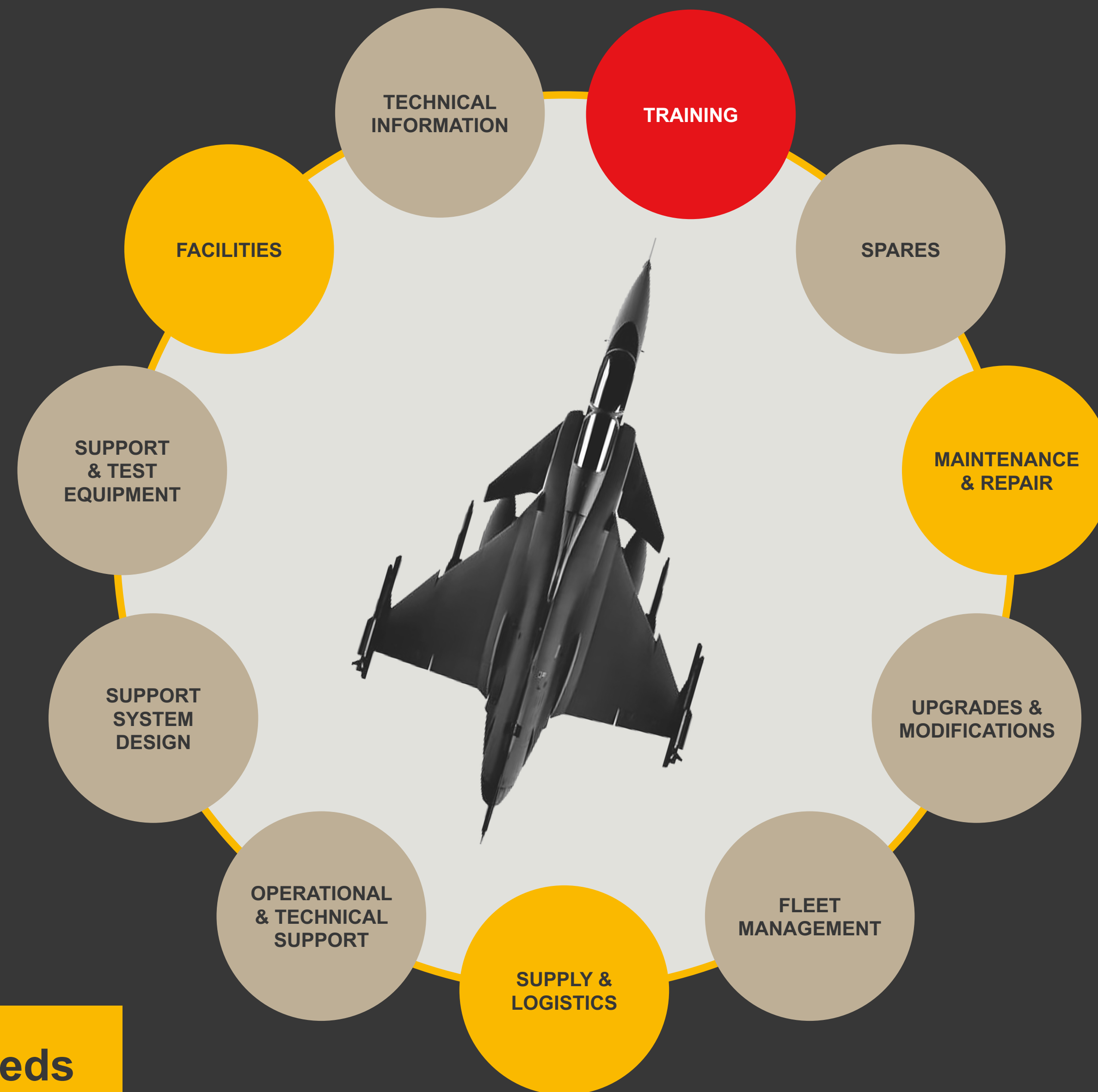
Gripen Support

Training

Training is always a challenge!

- Saab is expanding capabilities
- Both Pilot & Technician training
- Meets current and forthcoming training requirements

Tailored to your needs



Torgny Fälthammar

Head of Gripen Program, Air Staff, Swedish Air Force





FÖRSVARSMAKTEN

SWEDISH AIR FORCE

March 26, 2020

Head of Gripen Program
Swedish Air Force Air Staff
Colonel Torgny Fälthammar

EMERGENCY OPENING
CUE



AGENDA

SWEDISH AIR FORCE TODAY

INTRODUCING THE GRIPEN E



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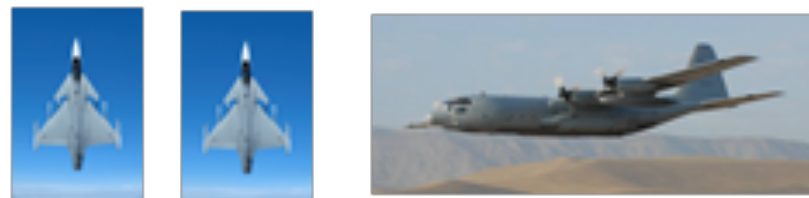
SWEDISH AIR FORCE — MISSION

- Together with other military services and in cooperation with other nations, organizations and public authorities:
 - Monitor, protect and defend the Swedish airspace
 - Conduct Counter-Air operations
 - Conduct Anti-Surface Force Air Operations
 - Conduct Air and Space Reconnaissance and Surveillance
 - Support the civil society
 - Support other nations during crises and war
- To staff, equip, educate and continually train our combat units. So they are prepared to perform missions at all times.



ORGANISATION & UNITS

F 7 SKARABORG WING



F 21 NORRBOTTEN WING



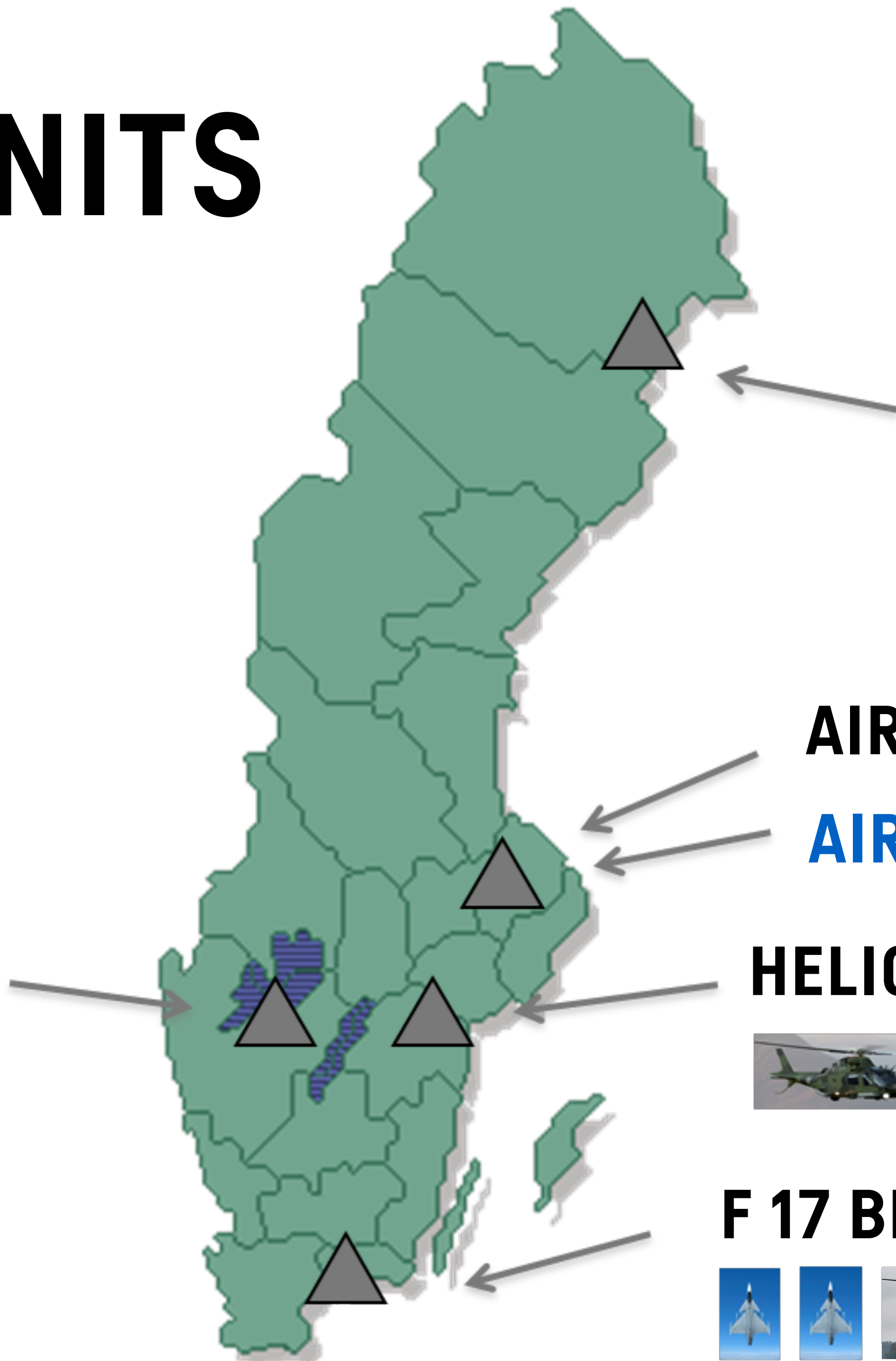
AIR WARFARE CENTER

AIR STAFF

HELICOPTER WING



F 17 BLEKINGE WING



AIR FORCE ACTIVE DUTY PERSONNEL

Military personnel

Officers

~ 1,000

Non-commissioned officers

~ 1,500

Airmen

~ 900

Conscripts (annually)

~ 500-600

Civilian personnel

~ 1,400

Total Personnel

~ 4,800

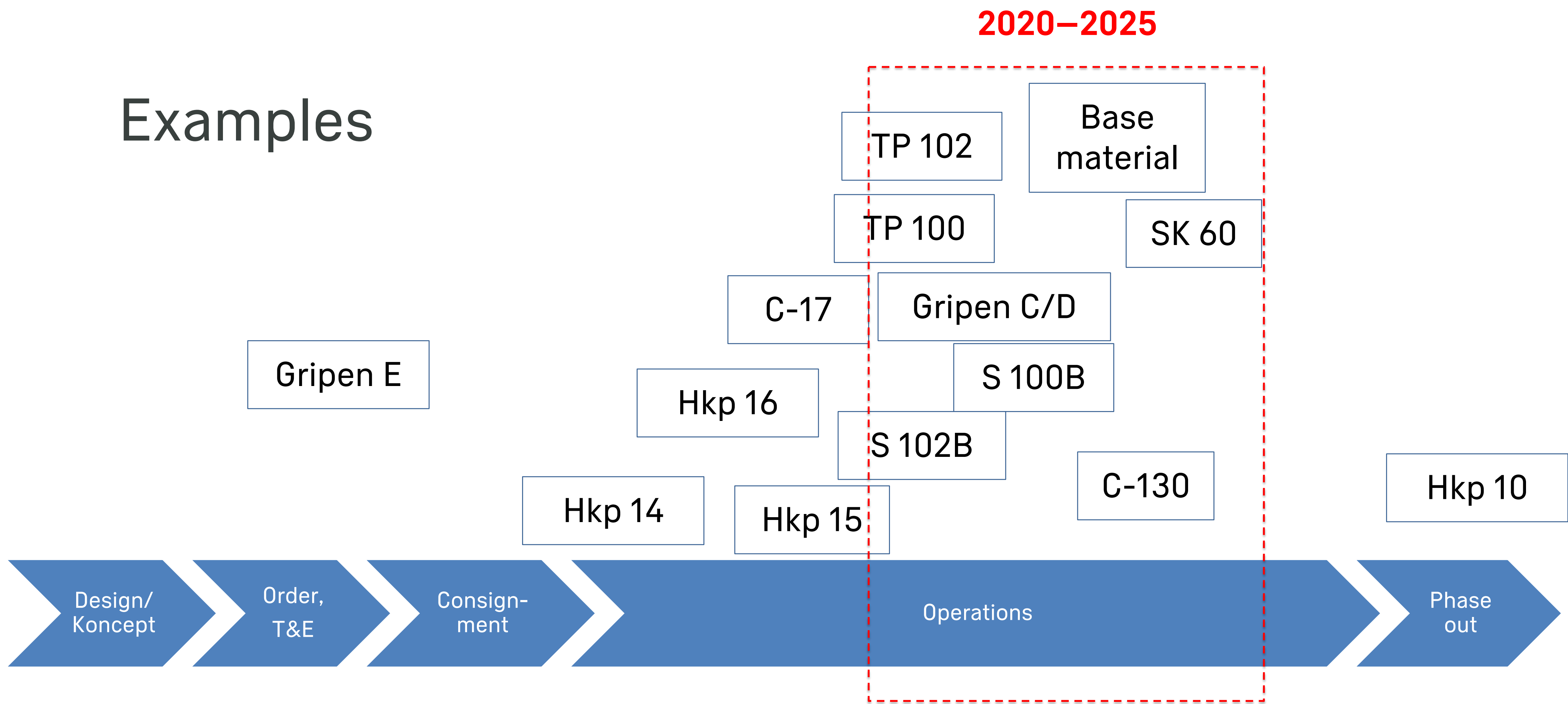
Total Conscripts

~ 500-600



DEFENSE MATERIAL

Examples



THREATS

Examples of
Air Force
threats in our
vicinity

2020

-

2035

Cyber/
Strat acquisition/
Classic espionage
(mil/ind)
/ Psyops



AA-12b



S-300/400



SU-57



SS-26 Iskander



A-50/100



SU-35



SS-C-5 (Antiship)



SOF



SU-34

SWEDISH TERRITORIAL INTEGRITY - AIR POLICING

- 365 and 24/7 Air Space Surveillance
- Readiness Alert – QRA
- Readiness Alert – Reconnaissance



SWEDISH AIR FORCE FUTURE FIGHTERS



**SMART FIGHTER — GRIPEN C/D
UNTIL 2035/2040**



**EVEN SMARTER FIGHTER — GRIPEN E
FROM 2023**

TRAINING



FÖRSVARSMAKTEN



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