Implementation of the Swedish Armed Forces CAMO

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Outline

• Background: SE MAA and RML

• History of Swedish Air Force continuing airworthiness

• SwAF, one operator concept

• FMV as subcontractor of CAMO tasks

• Return of responsibility for Logistic Support to Swedish Armed Forces
Swedish Air Force

**Fixed wing:**
- Saab Gripen A/B/C/D/E/F
- Saab 105 (Basic trainer)
- C-130H Hercules (TP)
- Saab 340 (TP/AEW)
- Gulfstream IV/550
- UASs

**Helicopters:**
- NH 90 (TP/SAR/ASW)
- Sikorsky UH-60M
- Agusta 109 (LBO+SBO)
SE MAA and RML

• Gripen accident Stockholm 1993
• Responsibilities between:
  - Swedish Armed Forces
  - FMV (Defence Material Administration)
  - Industry
• FLYGI (SE MAA) established in 1997
• RML V-6D (Part-M) implemented in 2005
Organisation of Swedish Military Aviation Authority (FLYGI)

Flight Safety Inspector, FSI
Col. Anders Janson
Director of FLYGI

Certification Section
Thomas Ebeling M.Sc
DOA, Type Approval, POA, CoA
From “birth” to CoA…

Operational Section
Lt.Col. Jonas Larsson
Operators, MO, AML etc.
After CoA…

Aeromedical Supervision
Decentralized CAMO (pre 2007)

HQ

"Global" Fleet Management office

Contracted Maint.Org.

F7 Wing Såtenäs

F17 Wing Kallinge

F21 Wing Luleå

Helo Wing Linköping

CAMO Maint.

CAMO Maint.

CAMO Maint.

CAMO Maint.
Decentralized CAMO
(+/- MAA perspective)

+ Chain of command

- Correction of audit findings
  - HQ not in the loop
  - HQ funds

- Administration of approvals, CAME, NP etc.
- Not standardized procedures
SwAF, one operator concept

- Report by the Director of the MAA in cooperation with the Chief of the Air Force
- Decision to organize the Air Force as one operator
- The implementation should be complete in 2007
- One operator ➔ one CAMO, one MO etc.
Centralized CAMO (2007-2014)

- F7 Wing Såtenäs
- F17 Wing Kallinge
- F21 Wing Luleå
- Helo Wing Linköping
Centralized CAMO
(+/- MAA perspective)

+ HQ and Air Force Command in the loop
  + NP’s in the HQ (SwAF Command) ➔ stronger mandate

+ Administration of approvals
  + One NP as POC for the approval

+ Standardized procedures, (one CAME)

- Chain of command, complicated (functional chain)
Subcontracted CAMO (2014- )

- Contracted Maint.Org.
  - CAMO
    - Maint.
  - CAMO
    - Maint.
  - CAMO
    - Maint.
  - CAMO
    - Maint.

- Subcontracted CAMO tasks
  - F7 Wing
  - F17 Wing
  - F21 Wing
  - Helo Wing
Subcontracted CAMO tasks
(+/- MAA perspective)

+ HQ and Air Force Command in the loop
  + NP´s in the HQ ➔ stronger mandate

+ Administration of approvals
  + One NP as POC for the approval

+ Standardized procedures (one CAME)

- Chain of command, complicated

- Complicated procedures

- MAA resources for auditing and quality monitoring
Summary

From the MAA perspective:

- Oversight of the centralized CAMO solution worked well
- SwAF HQ in the loop a success
- Oversight of the subcontracted CAMO solution took a larger part of the MAA resources for the implementation
Questions?