

Application of S1000D for a complex technical information project

ATA E-business forum/S1000D User forum

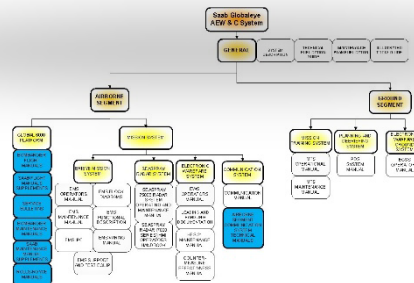
Renton, June 22, 2022

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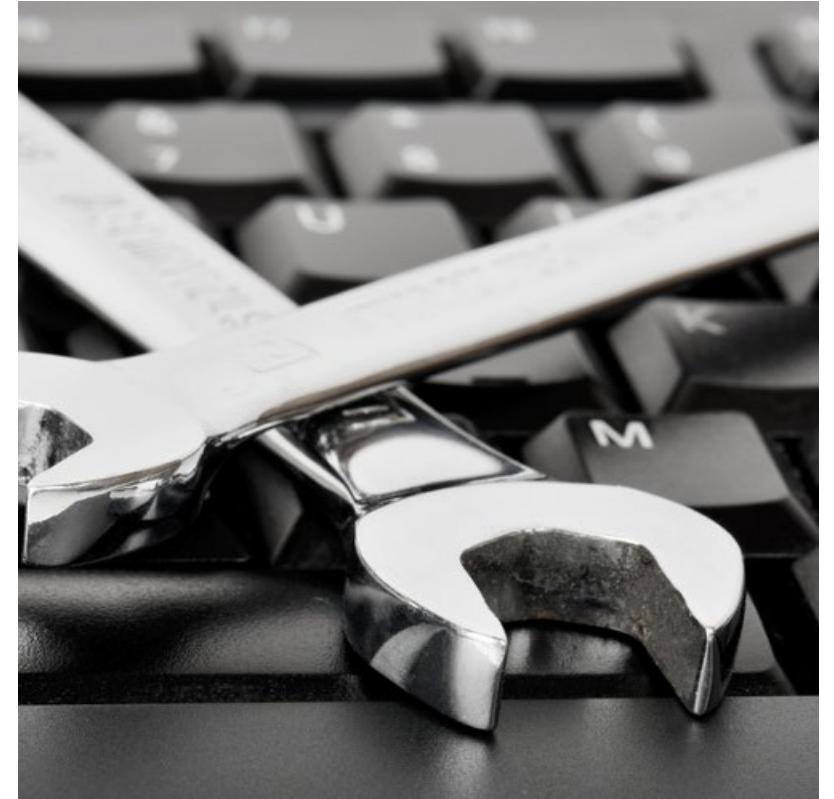
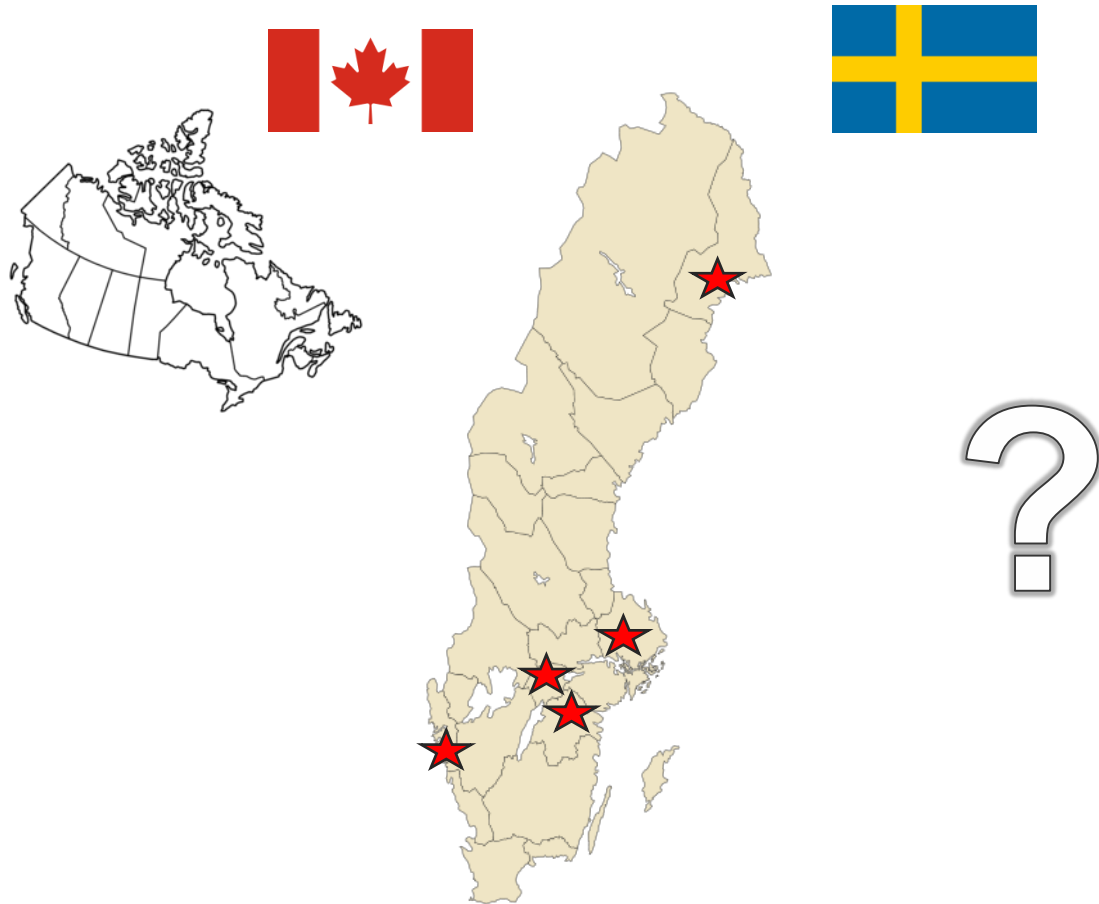
Scope



We had a plan ...



...and then we started to work...



... and found a way ...



...we took a right turn...

Uptime: Authoring - Publication 28.0.0

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Object Search

Installation of the Mission ...

References with newer versions detected.

techName Installation of the Mission Computer Unit

infoName

Outline

[TASK-93-71-01-000-801]: Removal of the Mission Computer Unit (MCU) </dmRef> </para>

</proceduralStep>

<para changeMark="1">Obey all the electrical/electronic safety precautions

<dmRef referredFragment="TASK-24-00-00-910-801">SRSS-A-24-00-00-00801-9130-A

[TASK-24-00-00-910-801]: Electrical/Electronic Safety Precautions </dmRef> </para>

</proceduralStep>

<para>Obey all the electrostatic-discharge safety precautions (<externalPubRef>24-00-00-910-802 - Electrostatic Discharge Safety Precautions </externalPubRef>). </para>

</proceduralStep>

</proceduralStep>

2 <title>Procedure </title>

<para>Refer to <internalRef internalRefTargetType="irrt01" internalRefId="fig0001">Fig 1 </internalRef>. </para>

</proceduralStep>

<warning internalRefId="wd7d03ea59c804e11bef1a95a00d984e1">

<warningAndCautionPara>MAKE SURE YOU CAN HOLD THE COMPONENT BEFORE YOU MOVE/INSTALL IT. THE COMPONENT IS HEAVY. IF IT FALLS, IT CAN CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT. </warningAndCautionPara>

</warning>

<para>Put the MCU (1) on the scissor lift. </para>

</proceduralStep>

<para>Lift the MCU (1) into position for installation. </para>

</proceduralStep>

Context Details

Installation of the Mission Computer Unit

SRSS-A-93-71-01-00801-700B-A

content

XML Attributes Translations

Profiles Structure Views

S1000D/4.1/Data Modules/Procedural

Is template

Change Tracking

Locked By

Created 2021-03-09 14:23:03

Created by CORP\w061636

Modified 2021-08-19 13:57:57

Modified by CORP\w057007

General

Name Installation of the Missi

Description

Version 2

Status Approved

Language en-US

Base Language en-US

SAAB G6000 SRSS

AIRCRAFT MAINTENANCE MANUAL (SYSTEM DESCRIPTION SECTION) SUPPLEMENT

EMPENNAGE ACCESS PANELS

Introduction

This supplement section gives the access identification data for the SAAB G6000 SRSS vertical stabilizer fairings.

The empennage contains access components that you can open or remove for aircraft servicing or maintenance. Because many of the access components in the horizontal and the vertical stabilizers have a relation, they are frequently identified as one unit. A five-digit alphanumeric code identifies the location of these components in relation to the aircraft structure (BA SDS 06-40-00).

General Description

The vertical stabilizer has the components that follow:

- Fairings.

IDENT. CODE LEFT/RIGHT	TYPE OF ACCESS	ACCESS TO EQUIPMENT/COMPONENT
346BT	Fairing	Bullet fairing forward-cap assy, Vertical/HorizontalStabilizer Interface, gives access to the electrical wires, tail strobe-light power supply
346MT	Fairing	Aft Cap Assembly
346NB	Cap	Bullet fairing aft assy, Vertical/HorizontalStabilizer Interface
346PB	Cover	Tailcone

Table 1

SAAB

2020-03-31 001

SRSS-A166N-AE234-00

NOT EXPORT CONTROLLED

UNCLASSIFIED

3 Airborne Segment

The SRSS aircraft is a Global 6000 from Bombardier, fitted with Sensors, Self-Protection System, Communication System and Operator Work Stations (OWS) from Saab.

Figure 2 Saab G6000 SRSS aircraft interior

3.1 Global G6000 SRSS

The aircraft is, as mentioned a Bombardier Global 6000, modified to be able to carry the sensor equipment integrated by Saab AB.

For further and more detailed information of the aircraft systems, refer to:

- Aircraft Maintenance Manual (System Description Section)
- Aircraft Maintenance Manual (System Description Section) Supplement

3.1.1 Interior

The aircraft is divided in to flight deck, galley, rest area, mission crew area and equipment area.

3.1.1.1 Operator Workstation (OWS)

In the mission crew area there are five Operator Workstations (OWS). OWS number one is the most forward while number five is the furthest aft. The operator logs on with a personal user name and password. The operator is then granted access to applications defined by the system manager when logging up the user account.

All OWS are similar, there are only small differences in specific equipment control panels.

Applicability: All

SRSS-A-00-00-01-01AAA-040B-A

Chap 1

Page 2

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...and made sure everyone was onboard...



...a few pitfalls...

- Do not start producing without business rules for the complete scope.
- And do not forget the BREX!



...lessons learned, think ahead...

- We should have developed a List Of Applicable Publications (LOAP) at the start of the project.
- We should have thought more about the long-term consequences of delivering hard copy.
- Try to engage the customer in order to get acceptance for the manual setup.



...road to success...

- Appoint a coordinator on an overall level.
- Write a comprehensive description of technical information package design.
- Wait until the product design is stable, before producing the technical information.





Any questions?



Thank you!

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