

UNCLASSIFIED



Australian Government
Department of Defence
Defence Aviation Safety Authority

Oil Consumption Monitoring in CAMM2 – Update

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Presentation Overview

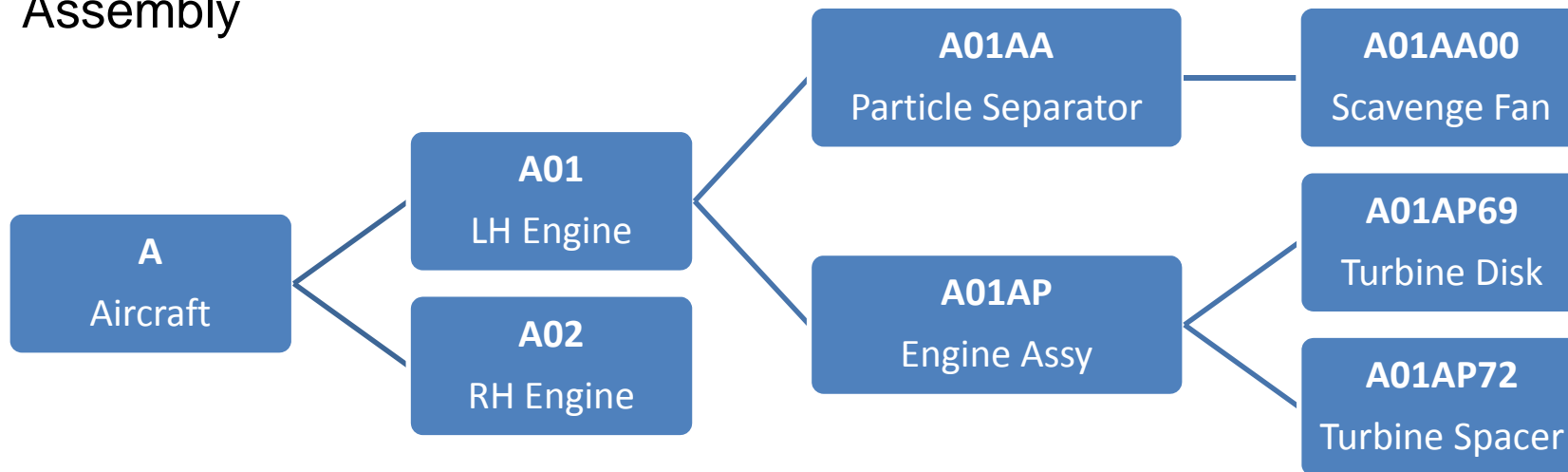
- Need for CAMM2 OCM
- Quick Definitions
- Proposed Change
- Progress to Date
- Plan for Completion
- Questions

Need for CAMM2 OCM

- What is OCM?
- Why do we do it?
 - Airworthiness Limitations
 - Defence Long Range Operations
 - Condition Monitoring
- Why CAMM2?
 - Pre-existing inputs
 - SQN spread sheets
 - Time and effort
 - Automatic warnings

Quick Definitions

- Replenishment/ Operational Consumables (ROC)
- ROC Type
- ROC Code
- Assembly



Proposed Change

- **Current System:**

- ROC types (e.g. Engine Oils) recorded against aircraft level
- Engine MLF (e.g. ENHR) recorded against engine level
- No tracking of ROC for assets
- No rate calculation
- No warnings
- No maintenance release triggers/prevention

Proposed Change – ROC Policy

- ROC Policy Update
 - Assign ROC Policy to Position
 - Warning Limit
 - MRO Required
 - Caution Limit
- MR Check
 - Amber: Nil update/ Caution
 - Red: Incomplete ROC update/ Warning
- Alerts on VASM

The screenshot displays a software interface for configuring ROC Policy. The title bar reads "CAMM2 - 75SQN (LIVE) - [Replenishment / Operational Consumables Type - Upd]". The menu bar includes "File", "Utilities", "Op/Maint", "Inquiry", "Policy", "Data/Management", and "System".

The main form area contains the following fields:

- BAC:** [Text input]
- LCN - ALC:** [Text input] - [Text input]
- ROC Type:** [Dropdown menu]
- ROC Code:** [Dropdown menu]
- Description:** [Text input]
- Max Quantity:** [Text input]
- Unit of Measure (UM):** [Dropdown menu]
- Counted Life:** [Text input]
- Warning Limit:** [Text input]
- Caution Limit:** [Text input]
- MRO Required?:**
- Certification Level:**
 - Tradesman
 - Tradesman/Supervisor
 - Tradesman/Supervisor/Inspector

Proposed Change – ROC Update

Replenishments / Operational Consumables - Update

Serial/Tail No:

Eng Name:

ROC Type:

ROC Code:

Roles

- STNDCONF

ROC Code	+/- Qty	Total	Tradesman	Supervisor/MM	Inspector
ROC Code Description	UI	UM	Date / Time	Date / Time	Date / Time
Position	Lif	Count	Rate	Warning Limit	Caution
Remarks/IMIC No					
LH ENG OIL	5.0	FULL	C.	NOT REQUIRED	NOT REC
LH ENG OIL	QT	QTU	02JUN16 03:00		
LH ENGINE	ENHR	27.4	0.18	0.45	0.35

Proposed Change – ROC History

Replenishment/Operational Consumable History - Inquiry

Serial/Tail No: A15-301 Start Date: 01APR15
 Eng Name: CHINOOK AIRCRAFT End Date: 28APR17
 ROC Type: LE ▾ LUBRICANT ENGINE
 ROC Code: OIL ENG NO 1 ▾

ROC Code	+/- Qty	Total	Tradesman	Supervisor/MM	Inspector
ROC Code Description	UI	UM	Date / Time	Date / Time	Date / Time
Position	Lif	Count	Rate	Warnina Limit	Caution Limit
Remarks/IMIC No					
OIL ENG NO 1	1.0	FULL	D. FOREM	N/A	N/A
OIL ENG NO 1	QT	QTU	11NOV16 04:10		
LH ENG	ENHR	2	0.50	0.45	0.35
OIL ENG NO 1	1.0	FULL	D. FOREM	N/A	N/A
OIL ENG NO 1	QT	QTU	01NOV16 04:10		
LH ENG	ENHR	10	0.10	0.45	0.35
OIL ENG NO 1	1.0	FULL	T. WOOD	N/A	N/A
OIL ENG NO 1	QT	QTU	26APR15 22:57		
LH ENG	ENHR	10	0.10	0.45	0.35

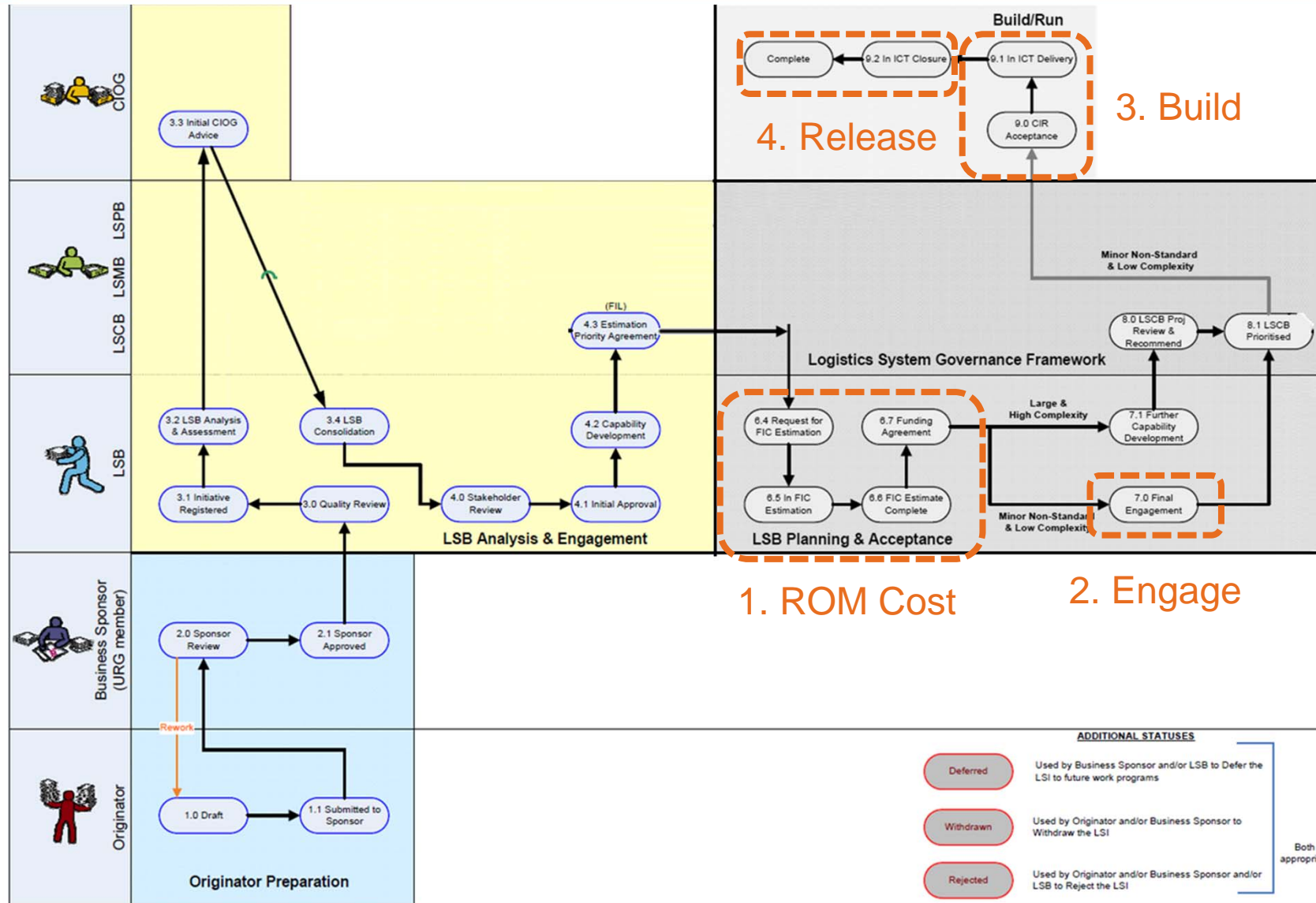
Average Consumption 0.10
 Recent ROC % 500

OK Close Help

Progress To Date

- High Level Design
- Conference Call w/ Stakeholders
- Rough Order of Magnitude Cost

Plan For Completion



Questions?