Occurrence Reporting

LTCOL Aaron Rose – DD 145 (Maintenance), DAVCOMP-DASA
Continuing Airworthiness Conference – Occurrence Reporting

Scope of Presentation

- Who reports occurrences?
- What do you report?
  - To who?
- What does the CAMO do?
- What does the authority do?
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Who reports occurrences?

DOSA to Pass to DASA Melb when
- Occurrences are not within their delegation scope or SALC
- Human factors related and associated with ongoing suitability of Org Approvals

Assessments of Unsafe condition are to be documented by DOSA and made available for Compliance Assurance of ongoing suitability for delegation

DASA-MELB

DASA Occurrence Reporting

DOSA

AMTCH
 MTCH delegate

Relevant 21J Design Org 21.A.3(b)

Production Organisation

Operator or MAOC holder

CAMO M.A.202

145 AMO 145.60

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What do you report?

- DASR Basic Regulation Appendix I
  - Intro on Process and Obligations
    - Section I: Aircraft Flight Operations
    - Section II: Aircraft Technical
    - Section III: Aircraft Maintenance and Repair
    - Section IV: Air Navigation Services, Aerodromes Facilities and Ground Services
    - Section V: Immediate Notification of Accidents and Serious Incidents

What does the CAMO do?

• CAMOs are to independently report on the occurrences to the NMAA, with focus on:
  • fleet implications and
  • ability to continue complying with the certified type design
• Ensure that the AMTC is informed
• CAME ‘Occurrence Reporting’ procedure
DOSA Obligations

- **Conduct Assessments and Manage IAW DOSA Letter**
- **DOSA to Pass to DASA Melb when**
  - Occurrences are not within their delegation scope or Self Assessed Level of Competency
  - Human factors related and associated with on-going suitability of Org Approvals
  - Or were issue is significant enough to warrant elevation (if you want DG support) (subjective, case by case)
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What does the authority do?

- **Oversight** the management of Unsafe Conditions to resolution
- **Assess** on-going validity of organisational approvals and individual delegates
- Longer term trending and **analysis**
- Authority does not develop the solution
# Example Authority Issues Register

<table>
<thead>
<tr>
<th>Authority Issue Docket Number</th>
<th>Platform</th>
<th>Date of Occurrence</th>
<th>Status</th>
<th>Issue Title Description</th>
<th>Report Format</th>
<th>Report External Reference</th>
<th>Report Reviewed Date</th>
<th>DOTA-ADF Obj Location</th>
<th>Technology Domain</th>
<th>Criticality</th>
<th>Authority Assessment Comments</th>
<th>Expected Rectification Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOTA-2016-001</td>
<td>A5X - Sniper</td>
<td>11-Aug-16</td>
<td>CLOSED</td>
<td>Missed Engine Front Frame Inspection, over due 12months</td>
<td>AE061 Failure, Malfunctions and Defect Report</td>
<td>47SQN-2016-071</td>
<td>13-Aug-16</td>
<td>A5X -Sniper</td>
<td>Propulsion Systems</td>
<td>Low</td>
<td>An SB released by the OEM was not actioned within the required time frame. TLS contractor responsible for processing of OEM SBs. MTC delegate has directed that an immediate inspection be conducted to incorporate the SB. MTC delegate has also directed that an organisation CAR be raised to investigate how the SB was missed. This issue is tied to DOTA-ADF CAR 2015 insufficient manning resources within the TLS contract and inability to correctly conduct TIR</td>
<td>Incorporation of SB RCA to determine why it occurred</td>
</tr>
<tr>
<td>DOTA-2016-002</td>
<td>A5X - Sniper</td>
<td>10-Aug-16</td>
<td>OPEN</td>
<td>Pitch Control Linkage Cracking</td>
<td>AE061 Failure, Malfunctions and Defect Report</td>
<td>47SQN-2016-067</td>
<td>13-Aug-16</td>
<td>A5X -Sniper</td>
<td>Helicopter Structures</td>
<td>Medium</td>
<td>Extent maint policy does not appear adequate to detect component damage sufficiently early</td>
<td>Release of AD to: 1) Baseline fleet using eddy current 2) Revise Maintenance policy</td>
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</table>

# DASHBOARD

<table>
<thead>
<tr>
<th>Platforms</th>
<th>ASX - Sniper</th>
<th>Low</th>
<th>Medium</th>
<th>High</th>
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</thead>
<tbody>
<tr>
<td>Number of registered issues in 2016</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
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<tr>
<td>Open</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Closed</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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Questions?

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