



Australian Government

Department of Defence

Defence Aviation Safety Authority

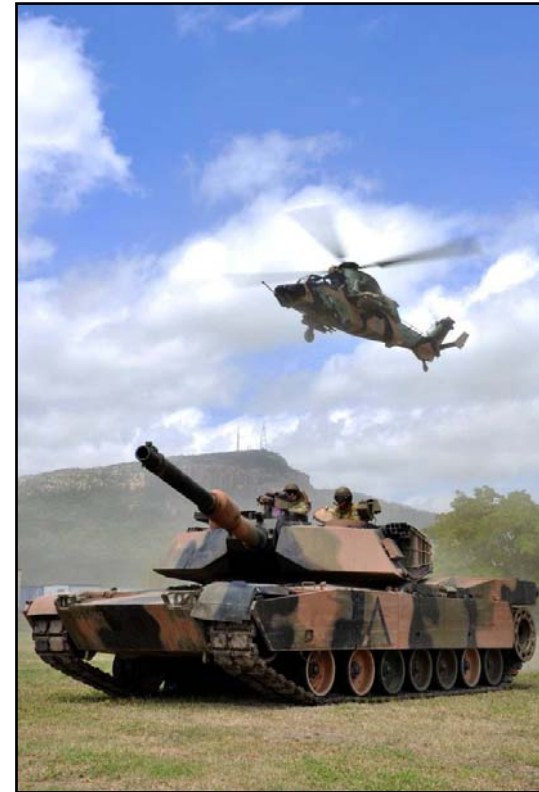
# Occurrence Reporting

LTCOL Aaron Rose – DD 145 (Maintenance), DAVCOMP-DASA



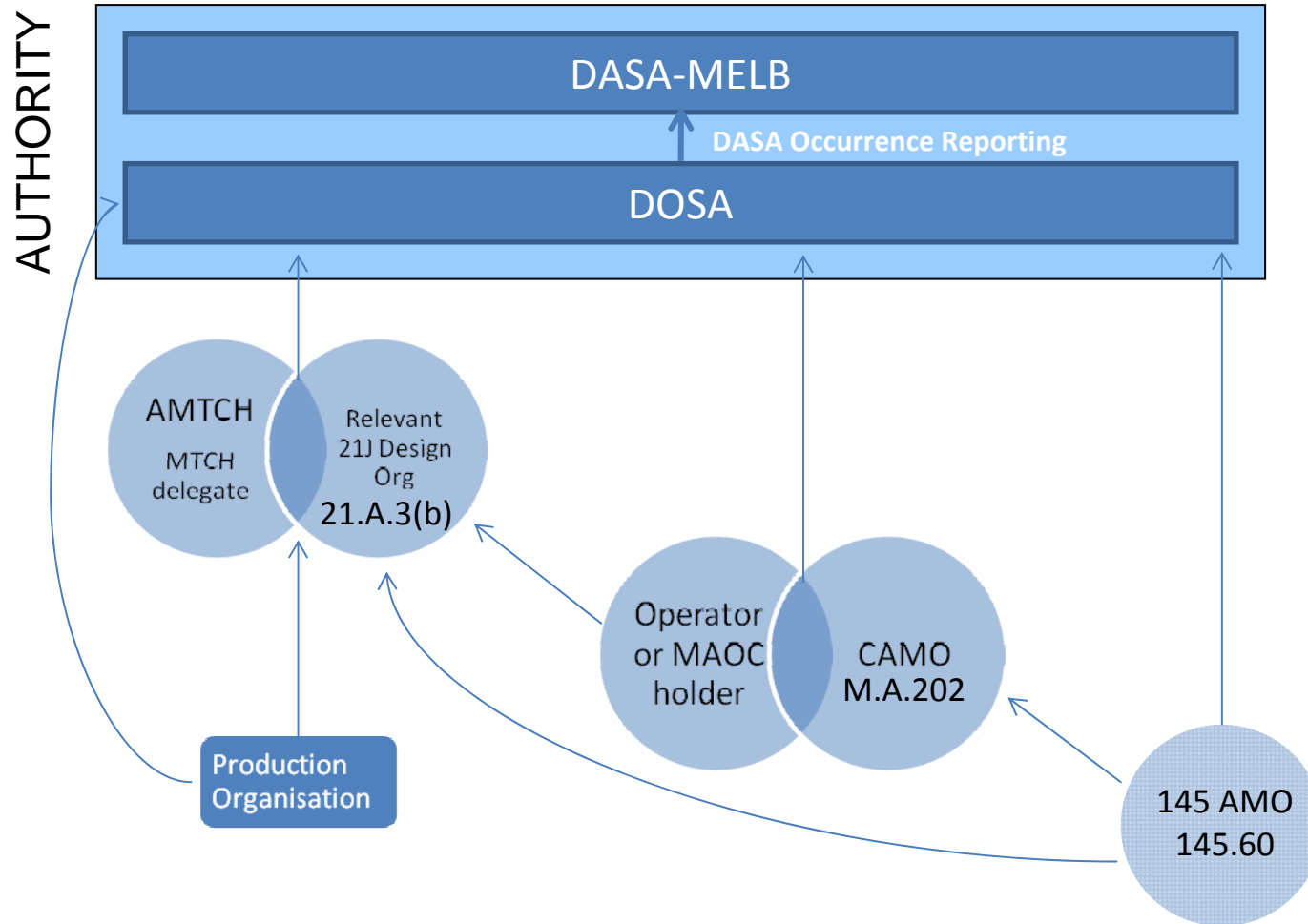
## Scope of Presentation

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



# Continuing Airworthiness Conference – Occurrence Reporting

## 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 on-going 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

### What do you report?

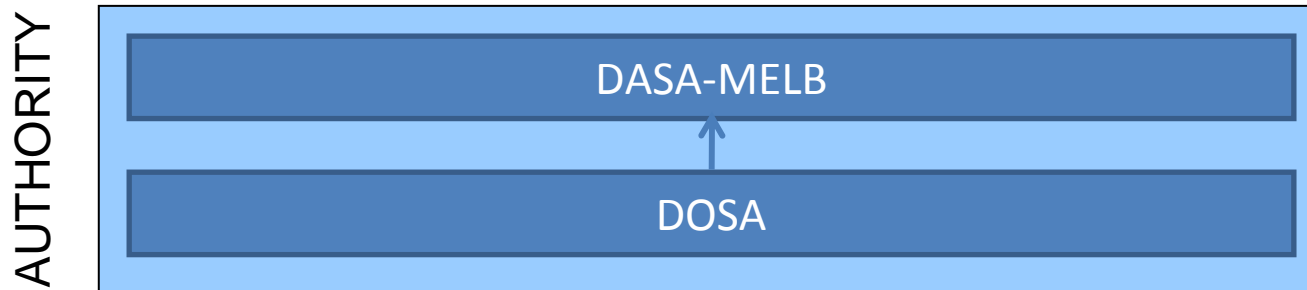
- DASR Basic Regulation Appendix I
  - Intro on Process and Obligations
    - **Section I:** Aircraft Flight Operations
    - **Section II:** Aircraft Technical
    - **Section III:** Aircraft Maintenance and Repair
    - **Section IV:** Air Navigation Services, Aerodromes Facilities and Ground Services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

<http://www.defence.gov.au/DASP/Docs/Manuals/8000-011/DASRWeb/index.htm#8797.htm>

### What does the CAMO do?

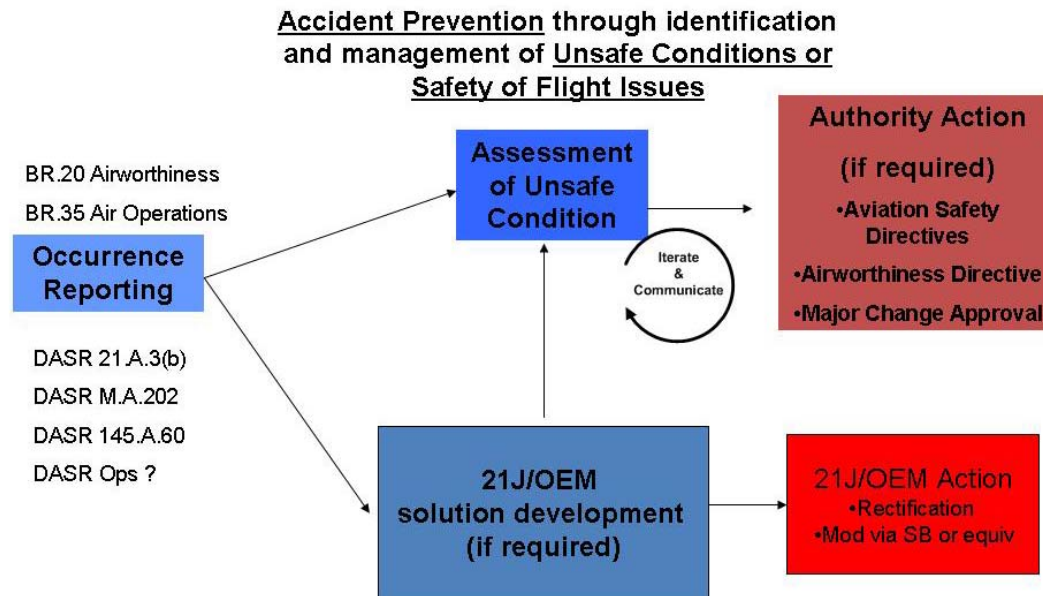
- CAMOs are to independently report on the occurrences to the NMAA, with focus on:
  - fleet implications and
  - ability to continue complying with the certified type design
- Ensure that the AMTC is informed
- CAME 'Occurrence Reporting' procedure

## 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)

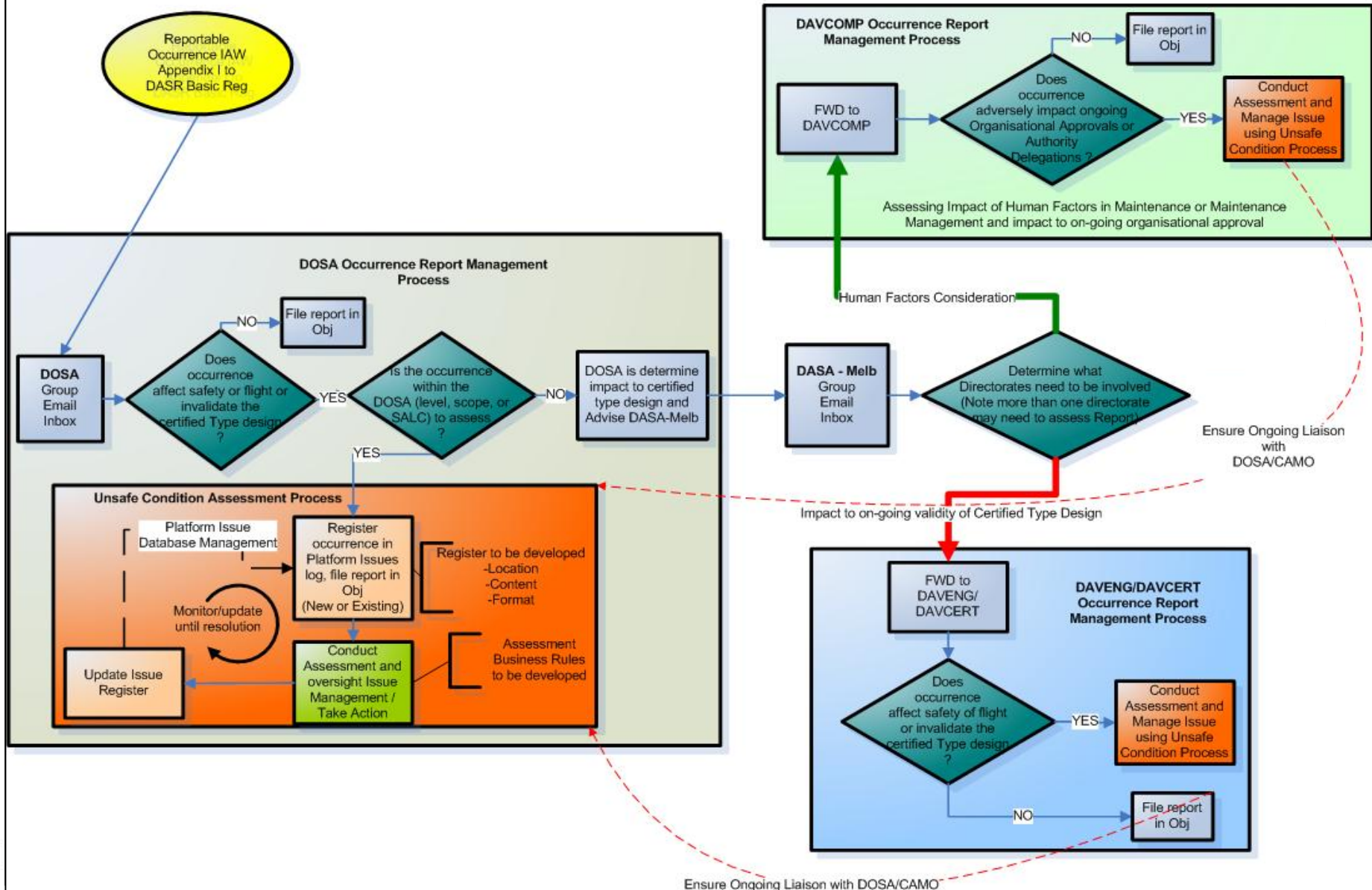
## What does the authority do?



- 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

# Continuing Airworthiness Conference – Occurrence Reporting

## 'Authority' Unsafe Condition Assessment (Occurrence Reporting) Management Process





# Continuing Airworthiness Conference – Occurrence Reporting

## Example Authority Issues Register

Authority Issue Docket Number	Platform	Date of Occurrence	Status	Issue Title Description	Report Format	Report External Reference	Report Reviewed Date	DGTA-ADF Obj Location	Technology Domain	Criticality	Authority Assessment Comments	Expected Rectification Requirements
DGTA-2016-001	A5X - Sniper	10-Aug-16	OPEN	Pitch Control Linkage Cracking	AE061 Failure, Malfunctions and Defect Report DAHRTS ASOR Email from MTCH delegate SB from OEM	47SQN-2016-067 47SQN-ASOR-2016-001 Y56578349 Lockheed-Boeing 2016-XX-3	13-Aug-16 16-Aug-16 24-Aug-16 25-Aug-16	AH678000XX AH678000XX AH678000XX AH678000XX	Helicopter Structures	Medium	Cracking has been identified on the Snipe helicopter pitch control linkage. PN SNI-09-20102 MTCH delegate has directed as before next flight NDT inspection using HF eddy current. DAVENG-DGTA don't not consider this a suitable inspection type and has requested rebaselining of flight using eddy current  Extant maint policy does not appear adequate to detect component damage sufficiently early	Release of AD to: 1) Rebaseline fleet using eddy current 2) revise Maintenance policy
DGTA-2016-002	A5X - Sniper	11-Aug-16	CLOSED Closed by WCCDR S.D. Engineer	Missed Engine Front Frame Inspection, over due 12months	Email from MTCH delegate AE061 Failure, Malfunctions and Defect Report	Y56578349 47SQN-2016-071	12-Aug-16 13-Aug-16	AH678000XX AH678000XX	Propulsion Systems	Low	An SB released by the OEM was not actioned within the required time frame. TLS contractor responsible for processing of OEM SBs. MTCH delegate has directed that an immediate inspection be conducted to incorporate the SB. MTCH delgate has also directed that an organisation CAR be raised to investigate how the SB was missed. This issue is tied to DGTA ADF CAR 2015 insufficient manning resources within the TLS contract and inability to correctly conduct TIR	Incorporation of SB RCA to determine why it occurred

### DASHBOARD

Platform	A5X - Sniper	Low	Medium	High
Number of registered Issues in 2016	2	1	1	0
Open	1	0	1	0
Closed	1	1	0	0

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## Questions?

