Contracting-Out

Technical Airworthiness Authority perspective on lessons-learned

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Owner	Operaton	Registration	
DND	DND	Military	**Maintenance is conducted at a variety of 1st, 2nd and 3rd Lines –**
Civil	DND	Military	
Civil	DND	Civil	**all three in some cases.**
Civil	Civil	Civil	

Maintenance conducted in civil industry

<u>Owned and Operated by DND</u> - examples

Airbus 310 Challenger

CF188 Twin Otter

CH149 Cormorant CP140 Aurora

<u>Maintenance contracted to civil industry</u>

Military Aircraft Type   Civil Owner

NATO Flying Training in Canada (NFTC)

Hawk

Harvard II

Maintained by the civil owners

Civil Aircraft Type   ## Civil Owner

Multi Engine Utility Flight (MEUF)

Canada Wings Aviation Training Centre (CWATC)

Maintained by the civil owners

Civil Owner   Military Missions

Authorized by DND as military aircraft, eg:

EW
Training

Sonobuoy
Trials

Surrogate
UAV (EO/IR)

Spec Para
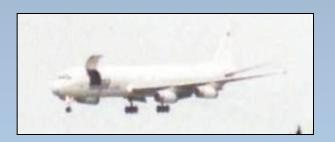Training

Maintained by civil owners

Routine Air Freight

DND has no airworthiness authority.

Therefore, standards enforced through contract.

We aim to avoid
incidents like this!

Maintained by civil owners

✓**Include airworthiness clauses in contracts**

✓**Ensure initial and continuing airworthiness assessments are part of the bid evaluation process**

✓**Ensure right of access to and ownership of data**

✓**Outsourced maintenance and engineering support results in reduced military expertise**

✓**Ensure Type Certificate holder and Senior Design Engineer internal to Crown**

Questions

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Canada