



*Adams Rite Aerospace*

**DDD Repair**

**Connecting  
A Better World.**



At Topcast, we pride ourselves as one-stop-shop for spare parts, components, raw materials and consumables sourcing service provider with our extensive network of business partners, global sourcing team and decades of experience servicing a vast and diverse customer base. We are a global connector, ultimately, we connect the world.

## A350/A380 DECOMPRESSION DECELERATION DEVICE OVERHAUL (10 YEARS)

**Product Usage and Value Proposition:**

**The Cockpit Security System is a SAFETY CRITICAL item ensuring the airframe DOES NOT deform when the cockpit loses pressure - A350s & A380s.**

The DDD prevents damages/injuries to aircraft/crew by blowing down the door, which prevents it from coming off its hinges due to extreme centrifugal force.

Topcast as Adams Rite's Authorized Repair Station leads to long-term cost savings due to reduced maintenance failures and downtime, as well as extended component life for AR7010-X (A380) and AR7011-X (A350).

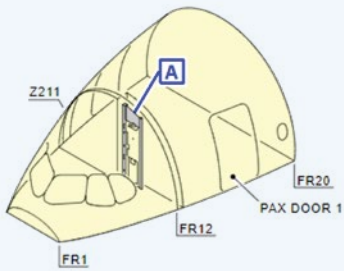
CMM for AR7010-x and AR7011-x DOES NOT allow the repair of the DDD belt component, a critical subcomponent to the cockpit security system. Only Adams Rite and its Authorized Repair Stations are trained to perform Overhaul workscope of the DDD. Adams Rite invested in and completed OEM training with Airbus to establish overhaul capabilities. Only Adams Rite authorized repair partners can overhaul to OEM standards."

### IMPORTANT INFO TO HIGHLIGHT

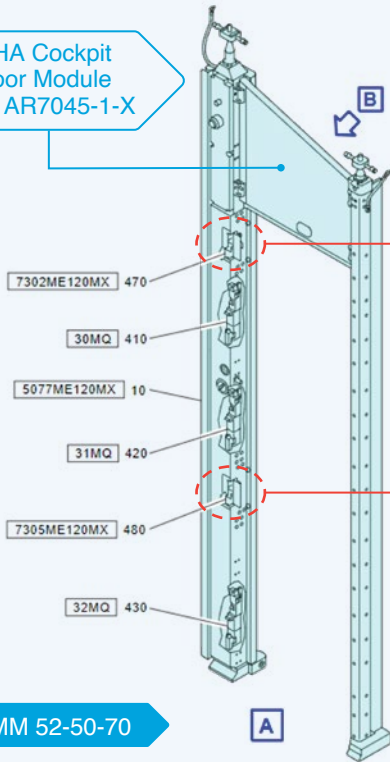
**CMM indicates the DDD Belt has a shelf life of 10 years, after which the belt requires to be replaced.**

**Prior to 2022, DDD belt replacement was not available, and operators were forced to replace the whole DDD.**

# A350 & A380 DDD (AR7011-X, AR7010-X) - Component Information



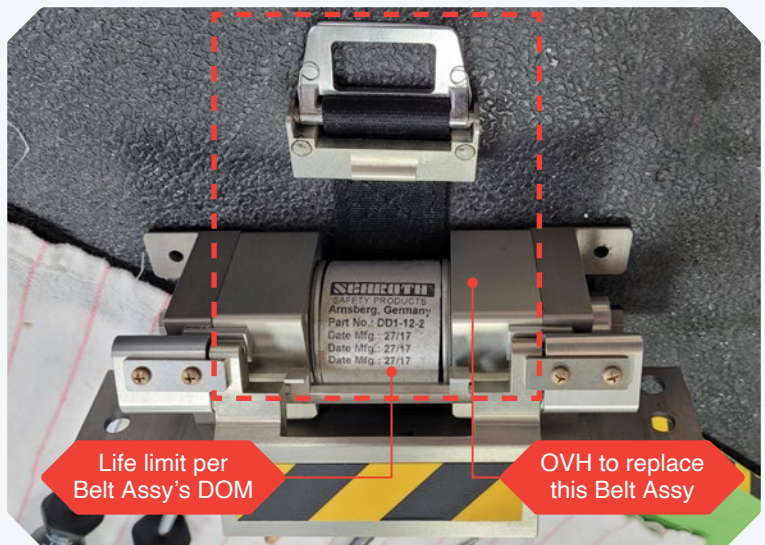
NHA Cockpit Door Module  
P/N: AR7045-1-X



Ref: CMM 52-50-70



Some units are found with 1-2 years time difference between DDD release to service date & Belt Assy's MFD



## Storage

- A. DDDs are to be protected from dampness, direct sunlight, contamination and chemicals.
- B. The useful storage and lifetime of the DDD is ten (10) years after date of manufacture (refer to the label on the belt).
- C. There is no recommended periodic check required for the A350 (DDD).

## Leading Particulars

### ITEM

### CHARACTERISTICS

Dimensions

Height

2.91 in. (74.0 mm) approx.

Width

8.35 in. (212.0 mm) approx.

Depth

3.33 in. (84.6 mm) approx.

Headquarters

# Hong Kong

 +852 2305 4111  +852 2305 4388 [inquiries@topcast.com](mailto:inquiries@topcast.com) 26/F Metropole Square,  
2 On Yiu Street, Shatin, Hong Kong

Website



LinkedIn



## Our Presence

### Asia

India      Korea      Thailand  
Indonesia      Philippines      Malaysia  
Japan      Singapore

### Greater China

Beijing      Shanghai  
Chengdu      Shenzhen  
Guangzhou      Taipei

### America

United States      Colombia  
Brazil  
El Salvador

### Oceania

Australia

### EMEA

United Kingdom      United Arab Emirates



## AOG SUPPORT

We are committed to providing our support to you at any location worldwide, with a team of highly skilled, trained, and experienced aircraft maintenance licensed engineers as soon as possible.

[inquiries@topcast.com](mailto:inquiries@topcast.com)

**At your service.  
Anytime, Anywhere.**