

RA 4213 - Control of Air System Components used in Ground Test Facilities

Rationale

Ground test facilities may include components that have been modified for their function in the ground test facility, yet are still physically capable of being fitted to an operating Air System. It is therefore imperative that all ground test facility components are uniquely identified and strictly controlled. Without adequate control and Maintenance of such components there is increased Risk to Airworthiness and subsequent Risk to Life. ► This RA ◀ requires that ► the Accountable Manager (Maintenance) (AM(M))¹ and / or the ◀ Military Continuing Airworthiness Managers (Mil CAMs)² ◀ ensure that ► aviation engineering ◀ orders and / or ► local ◀ procedures³ ◀ are issued, detailing the control measures required for the strict control of all Air System components allocated to ground test facilities.

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Regulation 4213(1)

Control of Air System Components used in Ground Test Facilities

4213(1) The ► AM(M)¹ and / or the ◀ Mil CAM² shall ensure that ► aviation engineering ◀ orders and / or ► local ◀ procedures³ ◀ are promulgated to control Air System components utilized within ground test facilities ► on Government Property⁴. ◀

Acceptable Means of Compliance 4213(1)

Control of Air System Components used in Ground Test Facilities

1. Where ground test facilities are used, the ► AM(M)¹ and / or the ◀ Mil CAM² ◀ should ensure that ► aviation engineering ◀ orders and / or ► local ◀ procedures³ ◀ are in place controlling the use of Air System components within ground test facilities, which include as a minimum:
 - a. How to identify components⁵ used in ground test facilities.
 - b. The requirements for the segregation of components that have been modified for use in the ground test facilities, to prevent the uncontrolled release of components to an Air System or into the supply chain.
 - c. The requirements for detailing the component's status.
 - d. A process to ensure that Air System components are not used in, or modified for use in, ground test facilities without the Authorization of the relevant Type Airworthiness Authority.
 - e. ► A process to detail the Maintenance and / or de-modification procedures and any serviceability requirements, including removal of any additional marking⁶, which should be carried out before the component can subsequently be certified for release⁷ and be fitted to an Air System⁸. ◀

¹ ► Refer to RA 4806(1): Accountable Manager (Maintenance) (MRP 145.A.30(a)). ◀

² Refer to RA 1011 – Military Continuing Airworthiness Manager Responsibilities.

³ ► Refer to RA 4009 – Aviation Engineering Orders and Local Procedures.

⁴ Sponsorship of each aviation engineering order and / or local procedure is to be clearly documented in accordance with RA 4009(1): Aviation Engineering Orders and Local Procedures. ◀

⁵ Ground test facility components may be classified as: specifically manufactured for the ground test facility; permanently modified; temporarily modified or unmodified.

⁶ Such as 'Ground Use Only'.

⁷ ► Refer to RA 4812(4): Certification of Component Release and Cannibalization (MRP 145.A.50(d)).

⁸ Refer to RA 4809(2): Suitability of Components (MRP 145.A.42(b)). ◀

**Guidance
Material
4213(1)**

Control of Air System Components used in Ground Test Facilities

2. Supporting documentation for temporarily modified components will state that the component has been temporarily modified and describe the Modification. ▶◀