

Job Title: TAE – Type Airworthiness Engineer

Role Purpose (position scope)

Working as part of the Draken Europe Design Approved Organisation Scheme (DAOS) Air System Coordinating Design Organisation (AS CDO), the Type Airworthiness Engineer (TAE) will support the DAOS AS CDO with all aspects of the management of Type Airworthiness and coordination of modification activities in support of a number of Military Registered Air Systems.

The primary function of the TAE will be supporting the DAOS AS CDO Head of Airworthiness (HoA) in maintaining continued compliance with the Military Aviation Authority (MAA) Regulatory Article (RA) 1000 and 5000 series, in order to ensure continued approval as a DAOS AS CDO in accordance with RA 1014 and RA 5850.

Line Manager	Dotted Line	Direct Reports	Dotted Line
Head of Airworthiness	N/A	Nil	Nil

Key Responsibilities

The key responsibilities of the TAE are to support the DAOS CDO HoA with the following activities:

- Management of Air System Platform Integrity as detailed within the RA 5720 Series.
- Generation and continual review of Platform Integrity Management documents, such as Air-system Integrity Strategy Documents (AISD).
- Generation of meeting documents and support to biannual Platform Integrity Working Group (PIWG).
- Generation of meeting documents and support to biannual Platform Safety Panel (PSP) meetings.
- Drafting and review of Support Policy Statements and supplementary procedures.
- Support to Ageing Aircraft Audit activities.
- Support to Operational Data Recording (ODR)/Operational Load Measurement (OLM) activities.
- Generation and review of Statement of Operational Intent (SOI)/Statement of Operational Intent and Usage (SOIU) documents and usage validation.
- Monitoring of Air System occurrence reports for potential Air System Platform Integrity threats.
- Review of civil Airworthiness Directives (AD) and Service Bulletins (SB) for applicability.
- Creation and management of Special Instructions (Technical) (SI(T)).
- Generation of technical procedures and support with the management and promulgation of the air system documentation set.
- Liaison with external organisations such as Ministry of Defence (MOD) Delivery Teams (DT) and support at external meetings as required.
- Provide Subject Matter Expert (SME) input with respect to Type Airworthiness and modification process at key stakeholder meetings.
- Management of the modification process in response to customer requests.
- Generating specifications for sub-system equipment for design by a subcontracted Design Organisations.
- Support to the through-life configuration management of the air systems.
- Liaison with other areas of the Draken Europe business, including the CAMO, Part 145 and Aircrew.
- Work effectively as a key member in a team environment, liaising closely with in-house colleagues.

Core Competencies

- Experience of working within an airworthiness environment, preferably military Type Airworthiness.
- Ability to understand and accurately interpret airworthiness regulations and apply them practically.
- Working knowledge of civil and military Continuing Airworthiness Management requirements (EASA Part M and MRP Part M).
- Working knowledge of civil and military Aircraft Maintenance requirements (EASA Part 145 and MRP Part 145).
- Understanding of Military Registered Civil Owned Aircraft (MRCOA) philosophy.
- Competent at generating technical documents for review by the HoA.
- Understanding of Safety Assessments and Goal Structuring Notation (GSN).
- Must be able to build and maintain effective working relationships in order to deliver the responsibilities of the role
- Degree or HND/HNC or OND/ONC in mechanical or aeronautical engineering, or, a recognised engineering apprenticeship plus significant aviation industry related experience (this should be evidenced by the employment history on the Applicant/job holder CV).
- Membership of a related professional engineering body is desirable, ideally with IEng accreditation.
- Rotary Wing Air System background preferred.

Key Measures

- Safety first approach with the understanding to operate in accordance with Health and Safety standards set by Draken Europe.
- Analytical approach to airworthiness tasks, with the confidence to highlight observations to the HoA in a timely manner.
- The ability to work alone or within a team environment, and as a team member, playing a key role in the management of Type Airworthiness.
- Proficient in Microsoft Office suite of programmes and able to generate technical documents with limited or no re-work being required.
- A willingness and ability to travel within the UK and possibly abroad, sometimes short notice and extended periods may be required.
- Safety first approach with the understanding to operate in accordance with Health and Safety standards set by Draken Europe.

Job Holder: _____ Signed: _____

Manager: _____ Signed: _____

Date: _____