Assessment Requirements for AVIF0030 Manage safe flight operations

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- accepting responsibility for flight outcomes
- accepting responsibility for own performance
- applying relevant aeronautical knowledge
- implementing work health and safety (WHS) procedures and relevant regulations
- managing and mitigating risk
- managing contingency flight operations, including:
    - abnormal situations
    - emergency conditions
- monitoring flight path, aircraft configuration and systems to achieve desired performance using a systematic scan technique
- operating effectively as a crew member
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- responding appropriately to cultural differences in the workplace
- selecting and using appropriate instruments, displays, communications equipment and aids
- taking initiative and responding to changing conditions
- using appropriate normal, abnormal and emergency aviation terminology.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- crew coordination, including:
    - basic principles of crew coordination
    - verbal and non-verbal communication factors
    - barriers to communication
    - listening skills
    - assertion skills

- factors affecting decision-making processes
- communication, including:
  - attitude
  - personality
  - judgement
  - leadership style
- leadership qualities
- poor crew coordination factors
- effective decision-making processes, including:
  - identifying problems and causal factors
  - assessing component parts systematically and logically
  - employing analytical techniques to identify solutions and consider the value and implications of each
  - generating solution and/or alternative courses of action
  - assessing alternative solutions and risks with other flight crew members
  - determining course of action
  - communicating decision and delegate tasks to flight crew
  - monitoring progress against agreed plan
  - evaluating decisions in accordance with changing circumstances
  - ensuring decision making is improvement-focused and directed towards achieving optimum outcomes
- fatigue risk management processes, including:
  - proactive
  - predictive
  - reactive
- flight rules, including:
  - documentation
  - aircraft nationality and registration
  - airworthiness of aircraft
  - personnel licencing
  - rules of the air
  - procedures for air navigation
  - air traffic services
  - aeronautical information service
  - aerodromes
  - facilitation
  - search and rescue
  - security
  - aircraft accidents and incidents – crew responsibilities
  - air service operations

- judgment and decision making, including:
    - pilot judgment concepts:
        - types of judgment
        - motor skills and human factors
    - aeronautical decision making:
        - decision-making concepts
        - pilot responsibilities
        - behavioural aspects
    - identification of hazardous aircraft attitudes:
        - physical factors
        - psychological factors
        - social influences and interface between people
    - pilot judgment awareness:
        - risk assessment
        - cockpit stress management
    - applying decision-making concepts:
        - practical application
        - managing resources
        - safety awareness
- task management, including:
    - workload organisation and priority setting to ensure optimum safe flight outcome
    - event planning, in a logical and sequential manner
    - anticipating events to ensure sufficient opportunity is available for completion
    - using technology to reduce workload and improve cognitive and manipulative activities
    - task prioritisation and protection while filtering and managing real time information.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations

- acceptable means of simulation assessment
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

Links

AVI Training Package Companion Volume Implementation Guide available on VET Net: - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816