Annex C

FACTSHEET ON SKILLS FRAMEWORK FOR AEROSPACE BY SKILLSFUTURE SINGAPORE

About Skills Framework

The Skills Framework is an integral component of the Industry Transformation Maps and it is co-created for the Singapore workforce by employers, industry associations, unions, education and training institutions and the government. The Skills Framework provides key information about the sector, career pathways, occupations and job roles, as well as existing and emerging skills required for the occupations and job roles.

2 The Skills Framework aims to create a common skills language for individuals, employers, and education and training providers. It will facilitate skills development and recognition for the Singapore workforce and supports their career development in terms of employment and employability. It will also support the development of industry-relevant training programmes, and enhance business competiveness.

About Skills Framework for Aerospace

3 The Skills Framework for Aerospace aims to enable skills mastery in the Aerospace sector. Jointly developed by SkillsFuture Singapore, Workforce Singapore (WSG), and the Singapore Economic Development Board (EDB), together with employers, industry associations, education and training providers and unions, the Skills Framework for Aerospace has identified key skills and competencies for the sector, including emerging skills such as Rapid Prototyping, Advanced Composite Failure Analysis, and Data Mining Techniques for Manufacturing Excellence.

Who is it for?

4 The Skills Framework for Aerospace can be used by the following groups:

- Individuals who wish to join or progress within the Aerospace sector will be able to assess their career interest, identify relevant training programmes to upgrade their skills, and prepare for their desired jobs;

- Employers will be able to recognise these skills and invest in training their employees for career development and skills upgrading;

- Education and training providers can gain insights on sector trends, existing and emerging skills that are in demand, and design programmes to address the sector needs accordingly; and

- Government, unions and professional bodies will be able to analyse skills gaps and design appropriate SkillsFuture initiatives to upgrade the manpower capability and professionalise the sector.

Key Components of the Skills Framework

5 The Skills Framework for Aerospace contains information on the sector, career pathways, occupations and job roles, skills and competencies, and training programmes*. The key components include:

- Sector information – provides information on key statistics, trends and workforce profiles in the Aerospace sector

- Career pathways – depict the pathways for vertical and lateral progression for advancement and growth. Four tracks have been identified which include Aircraft Maintenance, Fleet Management, Aircraft Engine/Component Maintenance and Manufacturing covering 86 job roles.

- Occupations and job roles – covers a total of 264 existing and emerging skills and competencies, and their respective descriptions. Some of the emerging skills identified include Rapid Prototyping, Advanced Composite Failure Analysis, Safety and Risk Management in Engineering and Data Mining Techniques for Manufacturing Excellence.

- Training programmes* for skills upgrading and mastery – provides information on training programmes which will help aspiring individuals and in-service employees acquire skills required for various jobs.

**The training programmes for the Skills Framework for Aerospace are available at www.skillsfuture.sg/skills-framework/aero*