![Australian Industry Standards logo] AUSTRALIAN INDUSTRY STANDARDS

AVIATION
IRC WORKPLAN

SECTOR OVERVIEW

EMPLOYMENT

SKILLS OUTLOOK

SECTORAL INSIGHTS

TRAINING PRODUCT REVIEW PLAN 2016-17 – 2019-20

IRC SIGNOFF

AVIATION IRC WORKPLAN

This Four-Year Workplan has been submitted by the Aviation Industry Reference Committee (IRC) to Australian Industry and Skills Committee (AISC) for approval.

The Workplan identifies the priority skill needs of the Aviation industry following a research and stakeholder consultation process conducted by Australian Industry Standards on behalf of the IRC.

Once approved by the AISC the Workplan informs the development of a four-year rolling National Schedule for development and review work of the Aviation Training Package. More information on the National Schedule can be found at: www.aisc.net.au/content/national-schedule

This Workplan was agreed to by the Aviation IRC Chair on Thursday, 22 September 2016:

Adam Burford
Aviation IRC Chair

HOW TO USE THIS DOCUMENT

This document contains links to assist the reader to navigate efficiently through the content of the Workplan. The tiles on the cover page, and the divider pages will link to the relevant content when clicked with a mouse, or touched on a tablet device.

The tiles at the bottom of pages can be clicked to return to the beginning of each section, or the front page of the Workplan as required.

FRONT PAGE

AVIATION INDUSTRY REFERENCE COMMITTEE

The Aviation Industry Reference Committee has been assigned responsibility for the Aviation Training Package.

The AVI Aviation Training Package provides the only nationally recognised Vocational Education and Training (VET) qualifications for occupations involved in: Aerodrome Operations, Airport Safety, Ground Operations, Cargo Services, Customer Service, Aviation Transport Protection, Aviation Search and Rescue, Management and Supervision, Air Traffic Control, Flight Operations (Pilots – aeroplane, helicopter, commercial, military, remote and pilot in command) and Flight Instruction.

More information about the Aviation IRC and its work can be found here:
http://www.australianindustrystandards.org.au/committee/aviation-industry-reference-committee/

Name	Organisation
Adam Burford	Aviation/Aerospace Australia
Adrian Young	QantasLink
Aidan Bruford	Department of Infrastructure and Regional Development
Allan Brooks	Aviation Australia
Andrew Goodlace	Australian Airports Association
Chris Hine	Rex Aviation
Colin Clarke	Australian Helicopter Industry Association
David Anderson	Flight Safety Foundation
Doug Nancarrow	Safeskies
Gavin Nicholson	Virgin Australia
Joanna Copeland	Qantas Airways Limited
Liam Quigley	Yamaha Motor Australia Pty Ltd
Lynda Douglas	Department of Defence
Matthew Rocks	Transport Workers Union of Australia
Michael White	Civil Aviation Safety Authority (CASA)
Milton Holmes	Royal Federation of Aero Clubs
Peter McKenzie	Rotor-Lift Aviation
Peter Sobey	Sharp Airlines
Rhys Mudford	Insitu Pacific
Stephen Angus	Airservices Australia
Stephen Leahy	Westpac Life Saver Rescue Helicopter

FRONT PAGE

AVIATION
SECTOR OVERVIEW

AVIATION INDUSTRY OVERVIEW

TRAINING PACKAGE OVERVIEW

BUSINESS ANALYSIS

KEY STAKEHOLDERS

INDUSTRY CHALLENGES AND OPPORTUNITIES

FRONT PAGE

AVIATION INDUSTRY OVERVIEW

The Aviation industry underpins Australian business and tourism and has an estimated annual revenue of $46 billion, adding $15.3 billion to the Australian economy in 2015-16. The industry employs more than 90,000 people across its five main sub-sectors: domestic commercial aviation, international commercial aviation, general aviation, air-freight transport and aviation support infrastructure.

The AVI Aviation Training Package provides the only nationally recognised Vocational Education and Training (VET) qualifications for occupations involved in: Aerodrome Operations, Airport Safety, Ground Operations, Cargo Services, Customer Service, Aviation Transport Protection, Aviation Search and Rescue, Management and Supervision, Air Traffic Control, Flight Operations (Pilots – aeroplane, helicopter, commercial, military, remote and pilot in command) and Flight Instruction.

The AVI Aviation Training Package comprises 21 qualifications, 44 skill sets, 216 units of competency and associated assessment requirements and covers Aviation Safety, Ground Operations and Flight Operations.

The Aviation Training Package contains the following qualifications:

- Certificate I in Aviation (Foundation Skills)
- Certificate II in Aviation Transport Protection (Checked Baggage Screener)
- Certificate II in Aviation (Flight Operations-Cargo Services)
- Certificate II in Aviation (Ground Operations and Service)
- Certificate II in Aviation Transport Protection (Passenger and Non-Passenger Screener)
- Certificate III in Aviation (Remote Pilot - Visual Line of Sight)
- Certificate III in Aviation (Ground Operations and Service)
- Certificate III in Aviation (Rescue Crewman)
- Certificate III in Aviation (Cabin Crew)
- Certificate III in Aviation (Aerodrome Operations)
- Certificate IV in Aviation (Aviation Supervision)
- Certificate IV in Aviation (Flight Operations Supervision)
- Certificate IV in Aviation (Aircrewman)
- Diploma of Aviation (Air Traffic Control)
- Diploma of Aviation (Commercial Pilot Licence - Aeroplane)
- Diploma of Aviation (Instrument Rating)
- Diploma of Aviation (Commercial Pilot Licence - Helicopter)
- Diploma of Aviation (Flight Instructor)
- Diploma of Aviation (Aviation Management)
- Advanced Diploma of Aviation (Pilot in Command)
- Advanced Diploma of Aviation (Chief Flight Instructor)

SECTOR OVERVIEW FRONT PAGE

AVIATION TRAINING PACKAGE ARCHITECTURE

AVIATION TRAINING PACKAGE

GROUND OPERATIONS
- AVIATION MANAGEMENT
- AIR TRAFFIC CONTROL
- FLIGHT OPERATIONS SUPERVISION
- AVIATION SUPERVISION
- AERODROME OPERATIONS
- AVIATION SCREENING
- GROUND OPERATIONS AND SERVICE

FLIGHT OPERATIONS
- CARGO SERVICES
- CABIN CREW
- REMOTE PILOT OPERATIONS
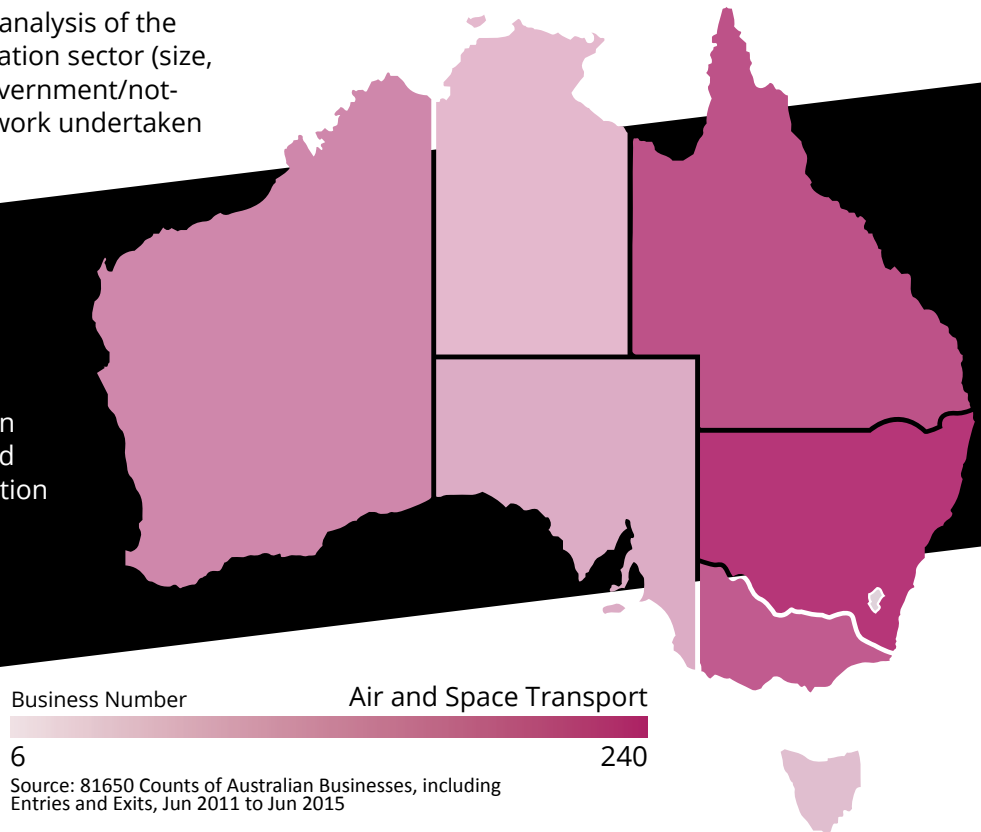- AIRCREW OPERATIONS
- COMMERCIAL PILOT OPERATIONS
- FLIGHT INSTRUCTION

AVIATION BUSINESS ANALYSIS

The following image provides analysis of the businesses involved in the Aviation sector (size, local/state/national/global, government/not-for-profit/for-profit, scope of work undertaken by those businesses).

The figure shows that while the greatest density of Aviation enterprises is in NSW, QLD and WA have a greater representation per capita.
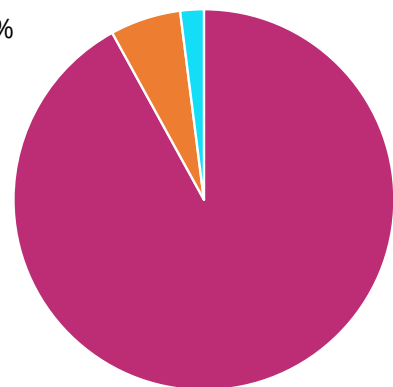
Air and Space Transport

Business Number

6   240

Source: 81650 Counts of Australian Businesses, including Entries and Exits, Jun 2011 to Jun 2015

Business Analysis Metrics

Revenue ($m)	46,011.80
Profit ($ m)	4024.8
Average Wage ($)	79,774.54
No. of Businesses	1917
Employment Growth (% to 2021)	2%

Scope: Airport Operations, Domestic and International Airlines, Air Freight Services, Non-scheduled Air Transport.

Business Size (Composition)

- Small   92%
- Medium   6%
- Large   2%

SECTOR OVERVIEW FRONT PAGE

KEY AVIATION STAKEHOLDERS

Stakeholder Category	Organisation	
Large Businesses	Airbus Group Asia Pacific Airports – Major, Regional and Remote Airport security providers – Major, Regional and Remote Airservices Australia Alliance Airlines Aviation Australia Cobham Aviation Services	Heliwest Jetstar Qantas Airways Limited QantasLink Regional Express Sharp Airlines Virgin Australia Yamaha Motor Australia Pty Ltd
Small Businesses	Basair Aviation College Becker Helicopters Council operated aerodromes Dedale Asia Pacific Flight Academy Australia Insitu Pacific LifeFlight	Medical Rescue Moorabbin Flying Services Rotor-Lift Aviation Royal Aeronautical Society Safeskies Australia Westpac Lifesaver Rescue Helicopter
Employer Associations	Australian Helicopter Industry Association Australian Airports Association Aviation-Aerospace Australia Flight Safety Foundation	Regional Aviation Association of Australia Recreational Aviation Australia (RAAus) Royal Federation of Aero Clubs
Employee Representatives	Australian & International Pilots Association Australian Federation of Air Pilots Australian Services Union	Flight Attendants Association of Australia Transport Workers Union
Licensing/ Regulatory	Airservices Australia Civil Aviation Safety Authority (CASA)	Department of Defence
Federal/State Government	Department of Defence Department of Infrastructure and Regional Development	State & Territory Departments of Transport
Industry Advisory	Industry Skills Advisory Council - NT Logistics Training Council (LTC) - WA	
Training Organisations	TAFEs, Private RTOs, Enterprise RTOs	

The Aviation Training Package is in the Scope of Registration of 74 Registered Training Organisations.

SECTOR OVERVIEW
FRONT PAGE

INDUSTRY CHALLENGES AND OPPORTUNITIES

AVIATION SAFETY REGULATION REFORM

The new Civil Aviation Safety Regulations (CASRs)[1] are designed to improve aviation safety, address known risks, and maintain Australia's reputation of the aviation industry being one of the safest in the world. They align Australia with international standards, and incorporate lessons learned from aviation accidents around the world.

CASA has released a new timetable for its regulation reform program through 2016-2020, which has been developed using industry feedback following months of extensive consultation with the aviation community. The new program establishes a revised timetable for finalising, making and commencing the outstanding new Parts of the Civil Aviation Safety Regulations 1998 (CASR), updating recently made CASR Parts and other major regulatory initiatives.

The regulatory reform timetable outlines legislative changes that will have effects on the AVI Aviation Training Package in the following areas:

- Fatigue Management
- Flight Crew Licensing
- Flight Training and Checking
- Aerodromes
- Air Transport Operators
- Aerial Work
- Unmanned Aircraft

AUTOMATION

Flight deck automation will continue to have an impact on the skill requirements of the piloting workforce, with a growing demand for analytical and problem solving skills to interact with more highly sophisticated systems.

Automation within the Aviation sector is also being seen with Remote Pilot Aircraft Systems (RPAS) and their use within commercial aviation sectors. The increase of RPAS flights raises issues around air space monitoring, control and safety. Recent incidences of unsafe RPAS operations include a potential collision between a drone and an emergency services aircraft[2].

While RPAS operating skills are aviation-related it is forecast that the following industries will be adopting the use of this technology on a broad scale:

- Surveying and Mapping
- Agriculture
- Environmental Monitoring
- Rescue, Incident/Fire Monitoring, Surveillance
- Film/Photography
- Mining

SECTOR OVERVIEW
FRONT PAGE

EMERGING ECONOMIES

Asia's economies are continuing to outpace global economic growth at about 4.1 per cent a year. Asia's airlines have estimated a net profit of US$5.8 billion in 2015 and likely to be more than US$6 billion in 2016[3].

Emerging Asian economies are looking to enter the aviation market through growth in airlines, airport capacity and passenger traffic[4].

Asian operators are looking to Australia as a possible supplier of trained aviation crew members. Other training organisations are also looking to expand operations to suit the Asian market.

SECTOR OVERVIEW
FRONT PAGE

EMPLOYMENT

EMPLOYMENT STATISTICS

WORKFORCE CHALLENGES AND OPPORTUNITIES

EMPLOYMENT

EXPLANATORY NOTES

Workforce

The size of an industry's workforce is established by the Australian Bureau of Statistics (ABS) using two different approaches. The Labour Force survey, which provides a 30-year view of the industry, assigns each industry category based on the main job of the respondent. The Australian Industry dataset (which the Workforce Projections charts are based on), uses a top-down approach where industries are primarily classified by the single predominant industry class associated with a business' ABN. An industry's workforce therefore is bounded in the first instance by the occupations of workers and in the second by the primary business of an enterprise. The different approaches can therefore result in quite different workforce figures.

AIS has chosen to distinguish these approaches using the terms **Workforce – Occupation based** and **Workforce – Employer based**.
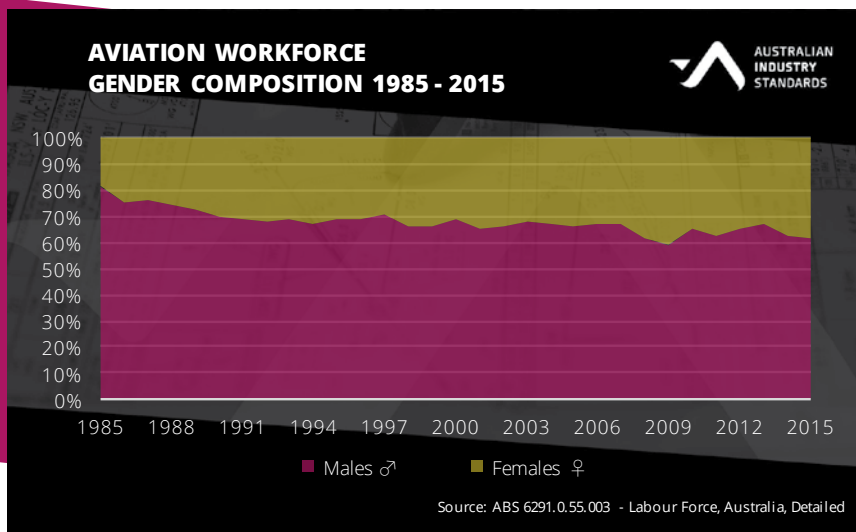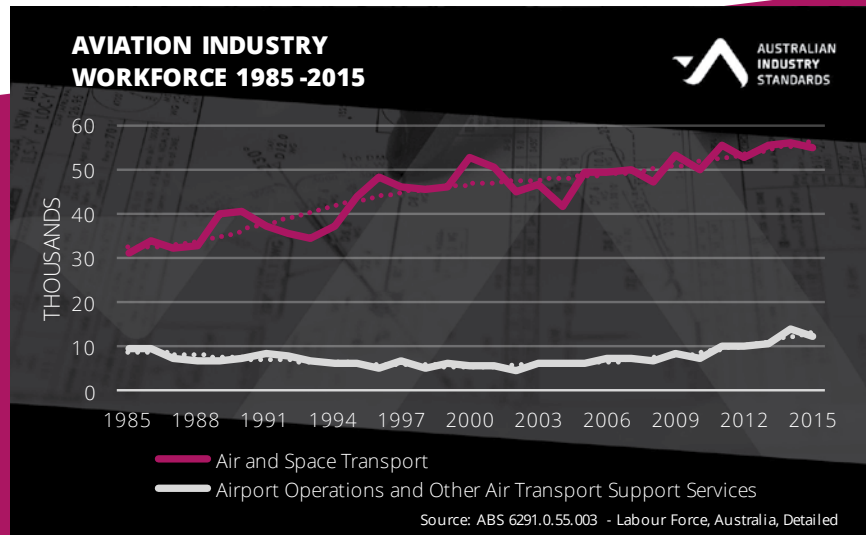
Enterprise size

Industry definition by ABN also applies to the Counts of Australian Businesses data (size and distribution). Furthermore, low level values in these tables are subject to perturbation to anonymise the data. This may result in some areas with a low level value being perturbed to zero.

Exemptions

The scope of the Labour Force Survey is limited to the civilian population of Australia and therefore members of permanent defence forces are excluded from the survey.

EMPLOYMENT FRONT PAGE

EMPLOYMENT HISTORY - OCCUPATION BASED

While the Airport Operations workforce has remained mostly flat, Freight and Passenger transport services have grown to meet demand.
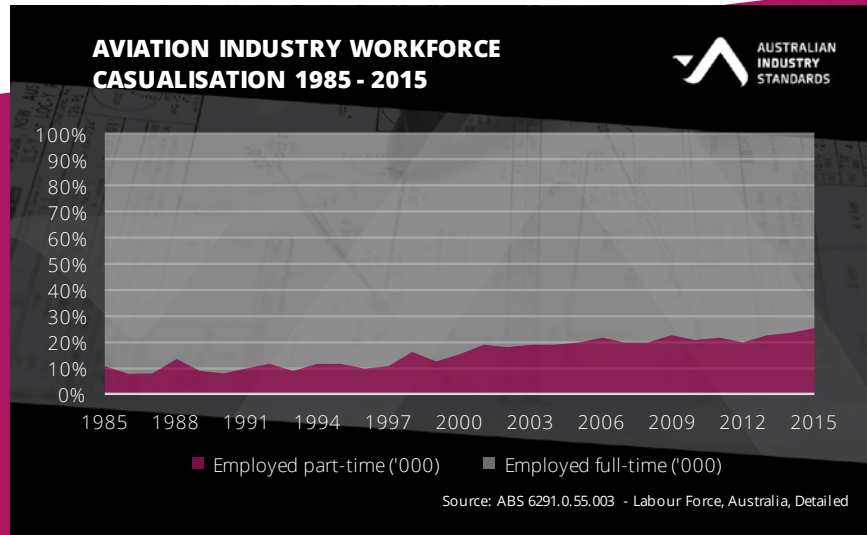
AVIATION INDUSTRY WORKFORCE 1985 -2015

— Air and Space Transport
— Airport Operations and Other Air Transport Support Services

Source: ABS 6291.0.55.003 - Labour Force, Australia, Detailed

AVIATION WORKFORCE GENDER COMPOSITION 1985 - 2015

■ Males ♂   ■ Females ♀

Source: ABS 6291.0.55.003 - Labour Force, Australia, Detailed

Workforce participation among women in Aviation has nearly doubled from 20% to 38%.

EMPLOYMENT FRONT PAGE

AVIATION INDUSTRY WORKFORCE CASUALISATION 1985 - 2015
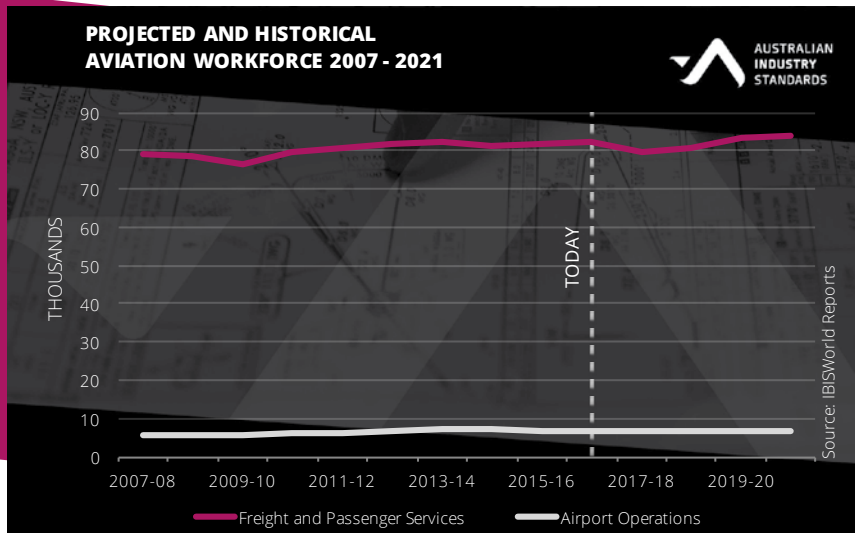
Part-time workers have grown from around 10% of the Aviation workforce thirty years ago to more than one in four today.

Employed part-time ('000)   Employed full-time ('000)

Source: ABS 6291.0.55.003 - Labour Force, Australia, Detailed

EMPLOYMENT PROJECTION - EMPLOYER BASED

PROJECTED AND HISTORICAL AVIATION WORKFORCE 2007 - 2021

The Aviation workforce is projected to fall slightly in 2017 but should increase by 2% by 2021.

Source: IBISWorld Reports

Freight and Passenger Services   Airport Operations

EMPLOYMENT FRONT PAGE

WORKFORCE SUPPLY-SIDE CHALLENGES AND OPPORTUNITIES

WORKFORCE AGEING

The Aviation industry recorded the fasted growth in the share of workers aged 45 years and over of all transport and logistics sectors between 2006 and 2011[5]. With the continuation of this trend, wholesale retirement could pose a significant risk to businesses.

Organisations will need to be prepared for this and look at ways to attract the next generations of flight crew, flight operations and ground operations personnel. Providing career opportunities and removing barriers to entry, such as the training cost burden, will help. With a growing need for both ground and operational staff, appropriate training and mentoring of new recruits by experienced staff will help capture and retain industry knowledge.

TRAINER/INSTRUCTOR SHORTAGES

With the number of pilots predicted to increase substantially in the medium to long term, the need for qualified and appropriately skilled flight instructors, flight examiners and flight operations inspectors has increased.

A number of shortages have been consistently identified as high risk[6] and critical risk over the decade, with experienced flight instructors and flight examiners in high demand across both fixed and rotary wing sectors.

SKILL BASED ERRORS

As technology advances continue to change both ground and flight operations, the impact of this change on the aviation workforce will be visible. The ability to work with new technologies, including real-time analytics, and to be able to problem solve in high-pressure environments is critical.

Human factors, such as communication, decision making and technical shortfalls, are responsible for between 70 and 80 per cent of aviation accidents[7]. These errors are usually skills based either from:

• Inadequate training: landing errors, not maintaining physical clearance or visual lookout
• Poor decision making: Improper pre-flight planning, poor inflight planning
• Aviation violations: Visual Flight Rules (VFR) into Instrument Meteorological Conditions (IMC) and low-level flying.

EMPLOYMENT FRONT PAGE

TRAINING COSTS

The implementation of current Aviation regulatory reforms, coupled with the dual costs of maintaining separate RTO and Flying School accreditation continues to be raised as a concern by RTOs, with many questioning the cost/benefit ratio of continued operations. High compliance costs drive up training costs, which flow on to employers. Significant issues were raised during industry consultations regarding the status of aviation safety regulatory reform in Australia and the potential impact of these on key occupations involved in the reforms, at the employer and individual level.

EMPLOYMENT FRONT PAGE

SKILLS OUTLOOK

INTERNATIONAL / NATIONAL WORKPLACE TRENDS

PRIORITY SKILLS

SKILLS OUTLOOK

INTERNATIONAL AVIATION REGULATORY EFFECTS

Australia was one of the first countries in the world to have a State Safety Programme (SSP)[8] consistent with International Civil Aviation Organization (ICAO) requirements. It is a key means of demonstrating how each ICAO Contracting State intends to achieve an acceptable level of safety performance in civil aviation in its own State.

The pace of technological change within the global aviation industry has led to an identified lag between the use of new aviation systems and equipment, and the associated SSP regulatory requirements for safe use within the domestic or international aviation industry. Factors related to aviation security, airspace management, and broader aviation industry issues have all impacted on the skilling needs of the global aviation industry.

FUNDING

Variations in jurisdictional funding and traineeship arrangements are reported as impacting the viability of delivering training, in particular for narrow markets and in specialist technical areas. Longer-term this situation may lead to capacity constraints for employers and training organisations alike. These conditions also present challenges for RTOs and when considering future investment in training infrastructure and equipment, particularly those involved in new technology.

SKILLS OUTLOOK
FRONT PAGE

PRIORITY SKILLS

AVIATION TECHNICAL SKILLS

Australian Industry Standards has developed a list of technical skills from analysis of the qualifications in the Aviation Training Package.

These skills can be grouped into two categories:

1. Skills related to Aviation Licencing Standards
2. Aircraft Operation and Traffic Management

An overwhelming number of IRC responses indicated that Aviation Techincal Skills were the highest priority for the industry

GENERIC SKILLS

Ranking of the 12 generic workforce skills in order of importance to the Aviation industry.

Skill	Priority
Learning agility / Information literacy / Intellectual autonomy and self-management	1
Design mindset / Thinking critically / System thinking / Solving problems	2
Managerial / Leadership	3
Technology	4
Communication / Virtual collaboration / Social intelligence	5
Science, Technology, Engineering, Mathematics (STEM)	6
Customer service / Marketing	7
Language, Literacy and Numeracy (LLN)	8
Data analysis	9
Entrepreneurial	10
Financial	11
Environmental and Sustainability	12

5 per cent of Aviation IRC responses indicated that Generic Skills were more important than Technical Skills

SKILLS OUTLOOK
FRONT PAGE

CROSS-SECTORAL SKILLS

A list of cross-sector skills was derived from analysis of the qualifications in the Transport and Logistics, Aviation and Maritime Training Packages.

Ranking of the five most important cross-sectoral workforce skills in order of importance to the Aviation industry.

Skill	Priority
Safety	1
Training	2
Situational Awareness	3
Quality Assurance	4
Equipment and Systems Operations	5

10 per cent of Aviation IRC responses indicated that the five most important Cross-Sectoral workforce skills were more important than Technical Skills.

SKILLS OUTLOOK
FRONT PAGE

AVIATION SKILLS - RELATED INSIGHTS

The Aviation industry is a vital and growing industry, underpinning Australian business and tourism. It faces a number of challenges to acknowledge an ageing workforce, adopt and implement new technology, attract and train new recruits, and ensure proper training and development pathways for the workforce.

The Aviation industry employs more than 90,000 people and has an estimated annual revenue of $46 billion, adding $15.3 billion to the Australian economy in 2015-16. Aviation has five main sub-sectors: domestic commercial aviation, international commercial aviation, general aviation, air freight transport and aviation support infrastructure.
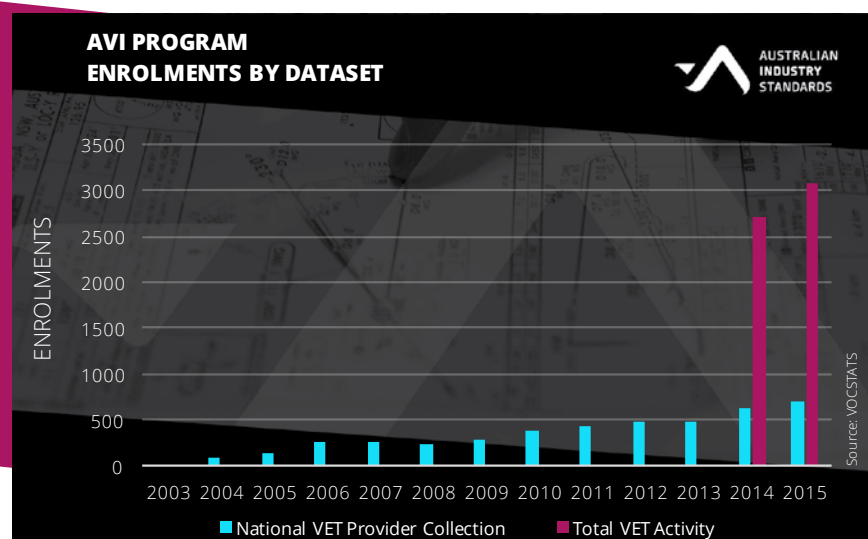
The Aviation Industry Reference Committee (IRC) has overwhelmingly indicated that Aviation Technical Skills are the highest priority for the industry. It has highlighted the need for a balance of technical and human skills to prepare the workforce for current and future challenges. Technical skills focus on areas related to Aviation Licencing Standards, and Aircraft Operation and Traffic Management.
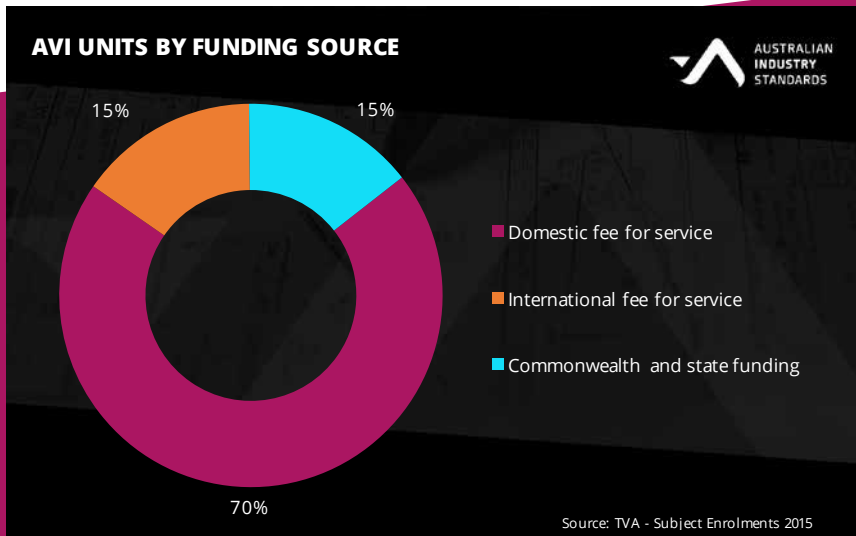
Human factors, such as communication, decision making and technical skills shortfalls, are reported as responsible for between 70 and 80 per cent of aviation accidents, which means they are important in creating safe and effective industry outcomes

Flight systems automation will continue to have an impact on the skill requirements of the flight operations workforce, with a growing demand for analytical and problem solving skills to interact with more highly sophisticated systems such as real-time analytics.

The industry is supported by the AVI Aviation Training Package consisting of a range of flight and ground operations qualifications. Total VET activity enrolments have increased steadily over the past 10 years.

The figure shows that Total VET activity enrolments are more than four times larger than previously measured.

AVI PROGRAM ENROLMENTS BY DATASET

ENROLMENTS — 0, 500, 1000, 1500, 2000, 2500, 3000, 3500

2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

■ National VET Provider Collection   ■ Total VET Activity

Source: VOCSTATS

FRONT PAGE

AVI UNITS BY FUNDING SOURCE

AUSTRALIAN
INDUSTRY
STANDARDS

15%   15%

- Domestic fee for service
- International fee for service
- Commonwealth and state funding

70%

Source: TVA - Subject Enrolments 2015

The Aviation industry attracts as much Government funding (15 per cent) as International fees for service, with the remaining delivery of the Aviation Training Package (70 per cent) funded by industry.

The Aviation workforce is projected to fall slightly in 2016-17 but increase by approximately 2 per cent through to 2021. While the airport operations workforce has remained fairly flat, freight and passenger services have grown to meet demand. Workforce participation among women has almost doubled, from 20 per cent to 38 per cent, over the past 30 years.

The aviation regulator, the Civil Aviation Safety Authority (CASA), has released a new timetable for regulation reform through to 2020, using industry consultation and feedback. The timetable outlines a progression of changes that will affect the development and delivery of AVI Training Packages in a range of areas involving technical and non-technical skills.

The new Civil Aviation Safety Regulations (CASRs) are designed to improve aviation safety and maintain the Australian industry's reputation as one of the safest in the world.

The ageing aviation workforce and attraction and training of young workers is a major issue confronting the industry. It is important that appropriate training and mentoring of new recruits by experienced staff will retain industry knowledge and develop a defined pathway for new workers.

Recruitment and training of pilots is forecast to increase substantially in the medium to long term, indicating a need for qualified and appropriately skilled flight instructors, flight examiners and flight operations inspectors to deliver this knowledge and provide the pathway. This shortage is across both fixed and rotary wing sectors.

Emerging Asian economies are looking to enter the aviation market through growth in airlines, airport capacity and passenger traffic. Asian operators are looking to Australia as a possible supplier of trained aviation crew members. Other training organisations are also looking to expand operations to suit the Asian market.

FRONT PAGE

EXPLANATORY NOTES

The Training Enrolments charts compare two datasets; the **National VET Provider Collection** and the **Total VET Activity (TVA)** dataset. The primary distinction between the two is that Total VET Activity data is collected from all types of providers and not only those in receipt of Commonwealth or state funding. TVA data collection commenced in 2014.

Exemptions

Where the submission of training data to TVA conflicts with defence or national security legislation, or jeopardise the security or safety of personnel working in defence, border protection, customs or Australian police departments, an exemption from reporting training data is available.

Organisations that deliver training for vital services to the community (such as emergency, fire, first-aid and rescue organisations) may have received an exemption to submit data to TVA. From 1 January 2016 however, the exemption from reporting will apply only in respect of training activity not delivered on a fee-for-service/commercial basis.

REFERENCES

INDUSTRY CHALLENGES AND OPPORTUNITIES

[1] CASA Regulation Reform. https://www.casa.gov.au/rules-and-regulations/standard-page/regulation-reform

[2] Drone and helicopter in near miss. http://www.abc.net.au/news/2016-07-06/drone-in-near-miss-with-westpac-chopper-goldcoast/7574520

[3] Boeing Long Term Market Outlook. http://www.boeing.com/commercial/market/long-term-market/world-regions/#/asia

[4] Financial Post. http://business.financialpost.com/news/transportation/severe-asia-pacific-pilot-shortage-poses-significantopportunity-for-trainers

WORKFORCE SUPPLY-SIDE CHALLENGES AND OPPORTUNITIES

[5] Australian Bureau of Statistics. Census 2006 and 2011.
[6] TLISC Aviation Workforce Skill Study. TLISC 2016.
[7] Close Call Sport Aviation Special 2016. Civil Aviation Safety Authority. 2016

SKILLS OUTLOOK

[8] https://infrastructure.gov.au/aviation/safety/ssp/introduction.aspx

FRONT PAGE

AVIATION TRAINING PACKAGE REVIEW PLAN 2016/17 - 2019/20

Australian aviation safety rules are contained in the Civil Aviation Act 1988, Civil Aviation Regulations 1988 (CAR), Civil Aviation Safety Regulations 1998 (CASR) and associated legislative instruments. The Civil Aviation Safety Authority (CASA) is progressively migrating and updating rules from the CARs to CASRs as part of the regulation reform program. In parallel, CASA continues to maintain CAR, CASR and associated legislative instruments outside the regulation reform program. A significant proportion of AVI Aviation Training Package products (qualifications, skill sets and units of competency) are aligned to specific requirements described within these legislative instruments.

CASA has released a new timetable for its regulation reform program (attachment B), which has been developed using industry feedback following months of extensive consultation with the aviation community. The new program establishes a revised timetable for finalising, making and commencing the outstanding new Parts of the Civil Aviation Safety Regulations 1998 (CASR), updating recently made CASR Parts and other major regulatory initiatives.

The alignment of AVI Aviation Training Package review and development activities with the aviation safety regulatory reform timetable is critical to industry's implementation of revised rules and skilling needs, in a cost-effective and efficient manner.

The Aviation IRC is proposing a staged review of the AVI Aviation Training Package in accordance with the timings in Attachment A, to ensure that Training Package products are reflective of national policies and standards, contain contemporary and relevant units of competency, and are available for use by industry at a point in time when aviation safety legislative requirements take effect.

Where individual AVI qualification and skill set products are listed within a given year, it is proposed to review native and imported units of competency within scope of these review activities. It is anticipated that all review activities will be commenced and completed within the indicated year period. The timing and sequence of all review and development activities will ensure that all AVI Aviation Training Package products will have undergone IRC led industry review by no later than June 2020.

2016-17 REVIEW

The AVI Aviation Training Package Release 3.0 was endorsed on the 18th of February 2016 in line with the Standards for Training Packages. Since that time a number of imported units used within the AVI Training Package qualifications have also undergone transition to the Standards for Training Packages, and have been endorsed and approved on the National Register. As a result, 27 imported units of competency from three interdependent Training Packages have a usage status of 'Superseded' on the National Register. These units are included within the core and elective packaging rules of six AVI qualifications. The need has arisen to undertake review of the affected qualifications and / or a major upgrade (full endorsement process) to ensure imported units of competency are current and valid for industry use over the life of the 2016-2020 Workplan period.

AVI Aviation Training Package products proposed for review of only imported units of competency during 2016-17 are:

- AVI20216 Certificate II in Aviation (Ground Operations and Service)
- AVI30416 Certificate III in Aviation (Ground Operations and Service)
- AVI30116 Certificate III in Aviation (Cabin Crew)
- AVI50516 Diploma of Aviation (Flight Instructor)
- AVI60116 Advanced Diploma of Aviation (Chief Flight Instructor)
- AVI50616 Diploma of Aviation (Aviation Management)

27 imported units of competency will be reviewed during 2016-17 to ensure industry validity and currency. This is as a result of these units being superseded since the most recent endorsement of the AVI Aviation Training Package. AIS will have ongoing consultation will the relevant Skills Service Organisations.

2016-17 - DEVELOPMENT

No additional AVI Aviation Training Package products have been identified for development during 2016-17.

2017-18 - REVIEW

AVI Aviation Training Package products proposed for review during 2016-17 as a result of new or revised aviation safety regulations, industry feedback or changing operational requirements are:

- AVI20216 Certificate II in Aviation (Ground Operations and Service)
- AVI30316 Certificate III in Aviation (Remote Pilot - Visual Line of Sight)
- AVI30416 Certificate III in Aviation (Ground Operations and Service)
- AVI30516 Certificate III in Aviation (Aerodrome Operations)
- AVI40116 Certificate IV in Aviation (Aircrewman)
- AVI50215 Diploma of Aviation (Commercial Pilot Licence - Aeroplane)
- AVI50315 Diploma of Aviation (Commercial Pilot Licence - Helicopter)
- AVI50415 Diploma of Aviation (Instrument Rating)
- AVI50516 Diploma of Aviation (Flight Instructor)
- AVI60116 Advanced Diploma of Aviation (Chief Flight Instructor)
- AVI60216 Advanced Diploma of Aviation (Pilot in Command)
- AVISS00031 Aerobatic Pilot Skill Set
- AVISS00053 Aerodrome Reporting Officer Skill Set
- AVISS00073 Aerodrome Reporting Officer Supervisor Skill Set
- AVISS00055 Aerodrome Works Safety Officer working on Time Limited Works Skill Set
- AVISS00054 Aerodrome Works Safety Officer working with a Method of Works Plan Skill Set
- AVISS00074 Aeronautical Radio Operator Skill Set
- AVISS00071 Aviation Risk Management Skill Set
- AVISS00072 Aviation Safety Management Skill Set
- AVISS00061 Aviation Shift Supervisor Skill Set
- AVISS00060 Dangerous Goods Pack and Accept Skill Set
- AVISS00039 External Load Pilot Skill Set

- AVISS00070 Flight Examiner Pilot Skill Set
- AVISS00040 Formation Pilot Skill Set
- AVISS00041 Handle Dangerous Goods/Hazardous Substances Skill Set
- AVISS00044 Marine Transfer Pilot Skill Set
- AVISS00063 Multi-Crew Operations Pilot Skill Set
- AVISS00069 Multi-Engine Aeroplane Pilot Skill Set
- AVISS00067 Multi-Engine Helicopter Pilot Skill Set
- AVISS00045 Night Vision Imaging System Skill Set
- AVISS00046 Night Visual Flight Rules Pilot Skill Set
- AVISS00048 Rappelling and Hoisting Pilot Skill Set
- AVISS00057 Remotely Piloted Aircraft Systems Observer Skill Set
- AVISS00049 Simulator Operator Skill Set
- AVISS00050 Simulator Operator/Trainer Skill Set
- AVISS00051 Simulator Trainer Skill Set
- AVISS00068 Single Engine Aeroplane Pilot Skill Set
- AVISS00066 Single Engine Helicopter Pilot Skill Set
- AVID0001 Package dangerous goods for air transport
- AVID2001 Accept dangerous goods for air transport
- AVIE0001 Operate aeronautical radio
- AVIE2005 Conduct radio procedures in an aviation operational environment
- AVIE4001 Maintain aircraft radio communications
- AVIF0005 Implement aviation fatigue risk management processes

2017-18 - DEVELOPMENT

Civil Aviation Safety Regulation Part 101 sets out the requirements for the operation of unmanned aircraft (including model aircraft), and (to the extent that the operation of rockets and fireworks affects or may affect the safety of air navigation) the operation of rockets and the use of certain fireworks. Part 101 also outlines the legislative requirements applicable to Remote Pilot Aircraft Systems (RPAS), commercially and more commonly known as an 'Unmanned aerial vehicle' (UAV) or 'drones'.

As a result of the rapid expansion of commercial RPAS activities in Australia and internationally, there is an identified requirement to enhance the vocational skills required to safely operate and control RPAS within a broader range of operating environments than previously approved. Areas identified as requiring additional RPAS operator and controller skills and knowledge include:

- Operations by night
- Operations at non-controlled aerodromes
- Operations at controlled aerodromes
- Operations in controlled airspace above 400 feet above ground level (AGL)
- Operations under instrument flight rules
- Autonomous flight operations
- Liquid fuel engines
- Sub 25kg RPAS type endorsements
- Operational endorsements
- Infrastructure Inspections
- Survey and mapping
- Aerial photography/imagery and analysis

It is proposed to develop up to an additional 10 AVI units of competency to address the skilling requirements of RPAS operators across the above listed skill areas. Units may be included within existing RPAS qualification and skill sets as core and/or elective outcomes, or within allied AVI qualifications or skill sets.

In support of this broadening RPAS operational environment is an increased focus on skilling requirements related to safety management systems, aviation compliance and control, and the functions associated with a designated Chief Remote Pilot. It is proposed to develop an AVI qualification at the AQF4/5 level to address the skilling requirements of individuals required to undertake Chief Remote Pilot duties and compliance functions aligned to the CASR Part 101. This will include development of up to an additional six AVI units of competency, in addition to pre-existing AVI and imported units of competency.

RPAS operators are required to abide with technical instructions and related maintenance compliance requirements to maintain the requirements of an issued UAV Operator Certificate (UOC). The functions and roles of an RPAS Maintenance Controller are critical to the safe and effective operation of a single RPAS, or to the ongoing fleet maintenance of a wide range of fixed and/or rotary wing RPAS types. It is proposed to develop an AVI skill set to address the skilling requirements of individuals required to undertake Maintenance Controller duties and compliance functions aligned to the CASR Part 101. This will include development of up to an additional four AVI units of competency, in addition to pre-existing AVI and imported units of competency.

Proposed new AVI Training Package products that meet revised the CASR Part 101 and the associated Manual of Standards legislative requirements are anticipated to be included as part of a wider RPAS qualification framework, inclusive of units of competency, skill sets and qualifications that meet the skilling needs of RPAS operators within Australian industry.

2018-19 - REVIEW

AVI Aviation Training Package products proposed for review during 2018-19 as a result of new or revised aviation safety regulations, industry feedback or changing operational requirements are:

• AVI20116 Certificate II in Aviation (Flight Operations-Cargo Services)
• AVI30116 Certificate III in Aviation (Cabin Crew)
• AVI30216 Certificate III in Aviation (Rescue Crewman)
• AVISS00037 Cabin Crew Supervisor Skill Set

2018-19 - DEVELOPMENT

No additional AVI Aviation Training Package products have been identified for development during 2018-19.

2019-20 - REVIEW

AVI Aviation Training Package products proposed for review during 2019-20 as a result of new or revised aviation safety regulations, industry feedback or changing operational requirements are:

- AVI10116 Certificate I in Aviation (Foundation Skills)
- AVI20316 Certificate II in Aviation Transport Protection (Passenger and Non-Passenger Screener)
- AVI20416 Certificate II in Aviation Transport Protection (Checked Baggage Screener)
- AVI40216 Certificate IV in Aviation (Aviation Supervision)
- AVI40316 Certificate IV in Aviation (Flight Operations Supervision)
- AVI50115 Diploma of Aviation (Air Traffic Control)
- AVI50616 Diploma of Aviation (Aviation Management)
- AVISS00058 Aeromedical Operator Skill Set
- AVISS00064 Aeroplane Maintenance Test Pilot Skill Set
- AVISS00032 Airborne Rappelling Skill Set
- AVISS00033 Airborne Rappelling Supervisor Skill Set
- AVISS00034 Airborne Recovery Skill Set
- AVISS00035 Aircraft Underwater Escape Skill Set
- AVISS00036 Aviation Operator Skill Set
- AVISS00059 Baggage Handler Skill Set
- AVISS00043 Cargo Hold Baggage Handler Skill Set
- AVISS00038 Emergency Breathing System Skill Set
- AVISS00062 Flight Dispatcher Skill Set
- AVISS00065 Helicopter Maintenance Test Pilot Skill Set
- AVISS00042 Helicopter Wireman Skill Set
- AVISS00056 Maintain Security Awareness and Vigilance in the Aviation Workplace Skill Set
- AVISS00047 Notice to Airmen Skill Set

2019-20 - DEVELOPMENT

No additional AVI Aviation Training Package products have been identified for development during 2019-20.

LEGISLATIVE REQUIREMENTS

Updates, changes and modifications to aviation legislation, policies and operating standards are required to be reflected within the skilling requirements of personnel undertaking flight and ground operational occupations and roles. Aviation sector areas that are aligned to legislative requirements include:

- Work Health and Safety Act and Regulations relevant to flight and ground operational occupations and roles
- Components of the Civil Aviation Act 1988 relevant to flight and ground operational occupations and roles

- Components of Civil Aviation Safety Regulations (CASR) 1998 relevant to flight and ground operational occupations and roles. This includes Manuals of Standards (MOS), Advisory Circulars (AC), Airworthiness Directives (AD), and Acceptable Means of Compliance and Guidance Material (AMC/GM)
- Components of Civil Aviation Regulations (CAR) 1988 relevant to flight and ground operational occupations and roles. This includes Civil Aviation Orders (CAO), and guidance material within Civil Aviation Advisory Publications (CAAP). Legislative requirements described here are being progressively removed and transitioned to the CASR described above
- Components of the Aviation Transport Security Act 2004 and Aviation Transport Security Regulations 2005 relevant to aviation transport security occupations and roles
- Components of the Transport Safety Investigation Act 2003 and Transport Safety Investigation Regulations 2003 relevant to flight and ground operational occupations and roles
- Components of aviation legislation supporting materials (including non-legislative instruments) relevant to flight and ground operational occupations and roles. This includes aviation approvals, designations, determinations, exemptions, and instructions.

INTERDEPENDENCIES

Aviation Training Package qualifications are reliant upon imported units of competency, within qualification packaging rules. Industry sector interdependencies that will potentially initiate future AVI qualification and/or skill set reviews include imported units from eight interdependent Training Packages (inclusive of predecessor releases).

- BSB Business Services Training Package
- CPP Property Services Training Package
- HLT Health Training Package
- PSP Public Sector Training Package
- PUA Public Safety Training Package
- SIT Tourism, Travel and Hospitality Training Package
- TAE Training and Education Training Package
- TLI Transport and Logistics Training Package

FRONT PAGE

IRC Training Product Review Plan – 2016/17 – 2019/20
Aviation Industry Reference Committee
Contact details: GM IRC Operations, Australian Industry Standards
Date submitted: 30 September 2016

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2016-17	**AVI**	Aviation Training Package	Imported units of competency to be reviewed for validity and currency as a result of being superseded are listed adjacent to individual AVI qualifications below.			
2016-17	**AVI**	Aviation Training Package	AVI20216	Certificate II in Aviation (Ground Operations and Service)	Review imported unit	
2016-17	**AVI**	Aviation Training Package	AVI30416	Certificate III in Aviation (Ground Operations and Service)		
2016-17	**AVI**	Aviation Training Package	AVI30116	Certificate III in Aviation (Cabin Crew)		
2016-17	**AVI**	Aviation Training Package	AVI50516	Diploma of Aviation (Flight Instructor)		
2016-17	**AVI**	Aviation Training Package	AVI60116	Advanced Diploma of Aviation (Chief Flight Instructor)		
2016-17	**AVI**	Aviation Training Package	AVI50616	Diploma of Aviation (Aviation Management)		
2017-18	**AVI**	Aviation Training Package	Review AVI units of competency as a result of Civil Aviation Safety Regulation amendments. All units	AVID0001	Package dangerous goods for air transport

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2017-18	**AVI**	Aviation Training Package	are aligned to legislative requirements that are anticipated to be implemented within 2017-18.		AVID2001	Accept dangerous goods for air transport
2017-18	**AVI**	Aviation Training Package			AVIE0001	Operate aeronautical radio
2017-18	**AVI**	Aviation Training Package			AVIE2005	Conduct radio procedures in an aviation operational environment
2017-18	**AVI**	Aviation Training Package			AVIE4001	Maintain aircraft radio communications
2017-18	**AVI**	Aviation Training Package			AVIF0005	Implement aviation fatigue risk management processes
2017-18	**AVI**	Aviation Training Package	AVI20216	Certificate II in Aviation (Ground Operations and Service)	Review AVI units of competency as a result of Civil Aviation Safety Regulation amendments. All units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.	
2017-18	**AVI**	Aviation Training Package	AVI30316	Certificate III in Aviation (Remote Pilot - Visual Line of Sight)	Develop up to an additional 10 units of competency related to RPAS operations across varying operational environments and conditions.	

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2017-18	**AVI**	Aviation Training Package	AVIXXXXX AQF4/AQF5	Certificate/Diploma of Aviation (Chief Remote Pilot)		Develop up to an additional six AVI units of competency for task/functions related to a Chief Remote Pilot.
2017-18	**AVI**	Aviation Training Package	AVISS000XX	RPAS Maintenance Controller Skill Set		Develop up to an additional four AVI units of competency for task/functions related to an RPAS Maintenance Controller.
2017-18	**AVI**	Aviation Training Package	AVI30416	Certificate III in Aviation (Ground Operations and Service)		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 139 Aerodromes amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVI30516	Certificate III in Aviation (Aerodrome Operations)		
2017-18	**AVI**	Aviation Training Package	AVI40116	Certificate IV in Aviation (Aircrewman)		Review AVI units of competency as a result of proposed Civil Aviation Safety Regulation (CASR) Part 138 Aerial work operations. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVI50215	Diploma of Aviation (Commercial Pilot Licence - Aeroplane)		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 61 Flight Crew Licensing amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVI50315	Diploma of Aviation (Commercial Pilot Licence - Helicopter)		

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2017-18	**AVI**	Aviation Training Package	AVI50415	Diploma of Aviation (Instrument Rating)		
2017-18	**AVI**	Aviation Training Package	AVI50516	Diploma of Aviation (Flight Instructor)		
2017-18	**AVI**	Aviation Training Package	AVI60116	Advanced Diploma of Aviation (Chief Flight Instructor)		
2017-18	**AVI**	Aviation Training Package	AVI60216	Advanced Diploma of Aviation (Pilot in Command)		
2017-18	**AVI**	Aviation Training Package	AVISS00031	Aerobatic Pilot Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00053	Aerodrome Reporting Officer Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 139 Aerodromes amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00073	Aerodrome Reporting Officer Supervisor Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00055	Aerodrome Works Safety Officer working on Time Limited Works Skill Set		

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2017-18	**AVI**	Aviation Training Package	AVISS00054	Aerodrome Works Safety Officer working with a Method of Works Plan Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00074	Aeronautical Radio Operator Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 64 Authorisations for non-licensed personnel amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00071	Aviation Risk Management Skill Set		Review AVI units of competency as a result of Civil Aviation Order (CAO) 48.1 Instrument 2013 Fatigue Management. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00072	Aviation Safety Management Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00061	Aviation Shift Supervisor Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00060	Dangerous Goods Pack and Accept Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 92 Consignment and carriage of dangerous goods amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2017-18	**AVI**	Aviation Training Package	AVISS00039	External Load Pilot Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 61 Flight Crew Licensing amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00070	Flight Examiner Pilot Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00040	Formation Pilot Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00041	Handle Dangerous Goods/Hazardous Substances Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 92 Consignment and carriage of dangerous goods amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00044	Marine Transfer Pilot Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 61 Flight Crew Licensing amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00063	Multi-Crew Operations Pilot Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00069	Multi-Engine Aeroplane Pilot Skill Set		

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2017-18	**AVI**	Aviation Training Package	AVISS00067	Multi-Engine Helicopter Pilot Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00045	Night Vision Imaging System Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00046	Night Visual Flight Rules Pilot Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00048	Rappelling and Hoisting Pilot Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00057	Remotely Piloted Aircraft Systems Observer Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 101 Unmanned aircraft and rocket operations amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00049	Simulator Operator Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 61 Flight Crew Licensing amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00050	Simulator Operator/Trainer Skill Set		

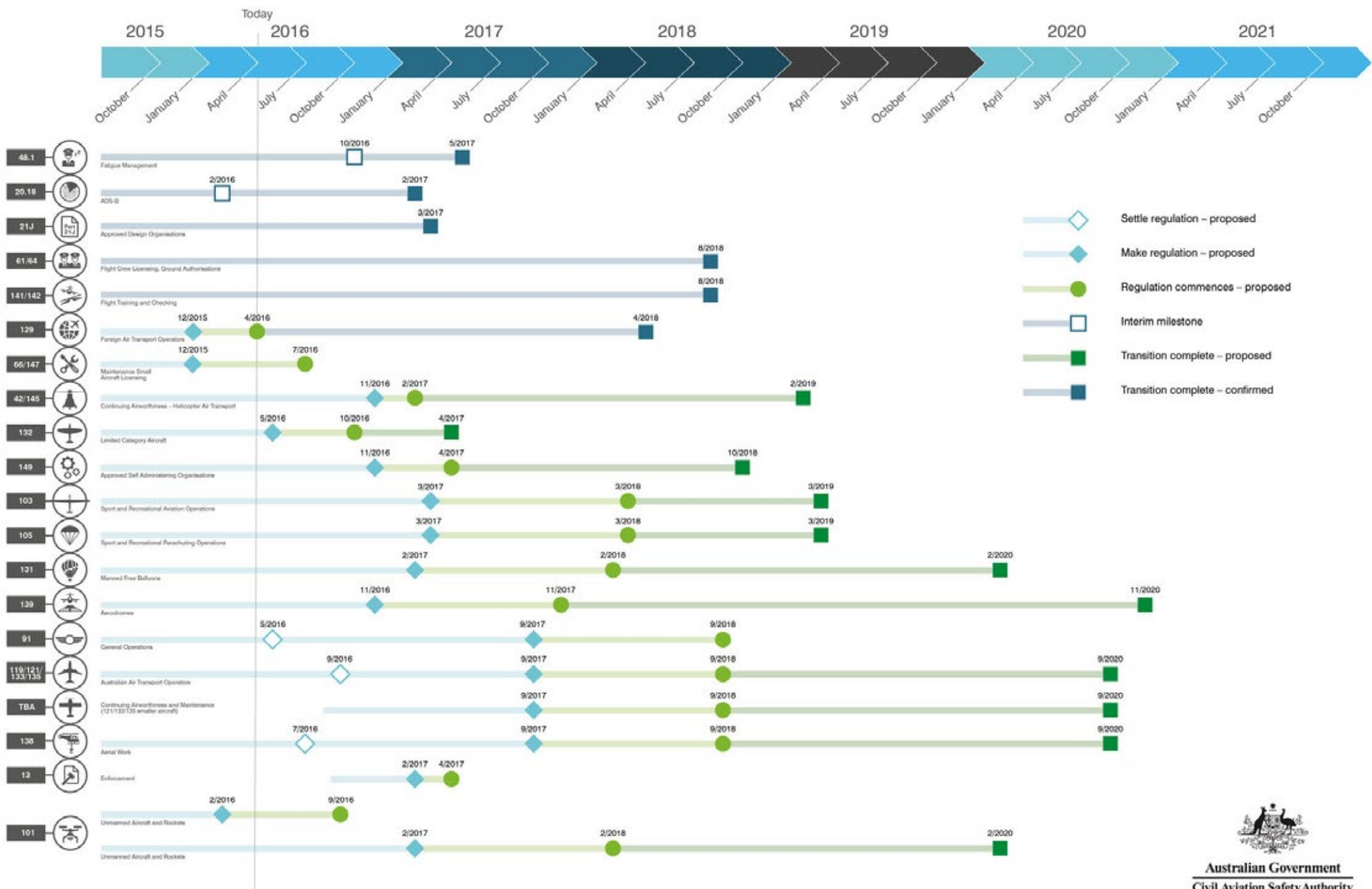| Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2017-18	**AVI**	Aviation Training Package	AVISS00051	Simulator Trainer Skill Set		
2017-18	**AVI**	Aviation Training Package	AVISS00068	Single Engine Aeroplane Pilot Skill Set		Review AVI units of competency as a result of Civil Aviation Safety Regulation (CASR) Part 61 Flight Crew Licensing amendments. Units are aligned to legislative requirements that are anticipated to be implemented within 2017-18.
2017-18	**AVI**	Aviation Training Package	AVISS00066	Single Engine Helicopter Pilot Skill Set		
2018-19	**AVI**	Aviation Training Package	AVI20116	Certificate II in Aviation (Flight Operations-Cargo Services)		Review AVI qualifications and units of competency as a result of Civil Aviation Safety Regulation and Civil Aviation Order amendments. All units are aligned to legislative requirements that are anticipated to be implemented within 2018-19.
2018-19	**AVI**	Aviation Training Package	AVI30116	Certificate III in Aviation (Cabin Crew)		
2018-19	**AVI**	Aviation Training Package	AVI30216	Certificate III in Aviation (Rescue Crewman)		
2018-19	**AVI**	Aviation Training Package	AVISS00037	Cabin Crew Supervisor Skill Set		

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2019-20	**AVI**	Aviation Training Package	AVI10116	Certificate I in Aviation (Foundation Skills)	Review AVI qualifications including native and imported units of competency for industry validity and currency. Products planned for 4 yearly review as a result of release during 2015-16.	
2019-20	**AVI**	Aviation Training Package	AVI20316	Certificate II in Aviation Transport Protection (Passenger and Non-Passenger Screener)		
2019-20	**AVI**	Aviation Training Package	AVI20416	Certificate II in Aviation Transport Protection (Checked Baggage Screener)		
2019-20	**AVI**	Aviation Training Package	AVI40216	Certificate IV in Aviation (Aviation Supervision)		
2019-20	**AVI**	Aviation Training Package	AVI40316	Certificate IV in Aviation (Flight Operations Supervision)		
2019-20	**AVI**	Aviation Training Package	AVI50115	Diploma of Aviation (Air Traffic Control)		
2019-20	**AVI**	Aviation Training Package	AVISS00058	Aeromedical Operator Skill Set		

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2019-20	**AVI**	Aviation Training Package	AVISS00064	Aeroplane Maintenance Test Pilot Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00032	Airborne Rappelling Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00033	Airborne Rappelling Supervisor Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00034	Airborne Recovery Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00035	Aircraft Underwater Escape Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00036	Aviation Operator Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00059	Baggage Handler Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00043	Cargo Hold Baggage Handler Skill Set		

Planned review start (Year)	Training Package code	Training Package name	Qualification code	Qualification name	Unit of competency code	Unit of competency name
2019-20	**AVI**	Aviation Training Package	AVISS00038	Emergency Breathing System Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00062	Flight Dispatcher Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00065	Helicopter Maintenance Test Pilot Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00042	Helicopter Wireman Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00056	Maintain Security Awareness and Vigilance in the Aviation Workplace Skill Set		
2019-20	**AVI**	Aviation Training Package	AVISS00047	Notice to Airmen Skill Set		

Appendix A

FRONT PAGE

Appendix B
40

AUSTRALIAN INDUSTRY STANDARDS

Australian Industry Standards (AIS) provides high-quality, professional secretariat services to the Aviation Industry Reference Committee, in our role as a Skills Service Organisation.

AIS provide services to 11 allocated IRCs which cover the Gas, Electricity, Electrotechnology, Corrections, Public Safety (including Police, Fire Services, Defence), Water, Aviation, Transport and Logistics, Rail and Maritime industries. AIS supports these important industry sectors using our world-class in-house capability and capacity in technical writing, quality assurance, project management and industry engagement in the production of Training Packages.

AIS was established in early 2016, 20 years after its predecessor the Transport and Logistics Industry Skills Council (TLISC) was established in 1996. More information about AIS can be found at www.australianindustrystandards.org.au

- We support industry growth and productivity through our modern innovative approach to establishing skills standards.
- We provide high-quality, professional secretariat services to help our allocated industry reference committees develop the skills that industry needs.
- We partner with industry to shape the workforce of the future.

FRONT PAGE

AUSTRALIAN
INDUSTRY
STANDARDS

AUSTRALIAN INDUSTRY STANDARDS

P (03) 9604 7200
E enquiries@australianindustrystandards.org.au
Level 2, 31 Market Street South Melbourne 3205

FRONT PAGE