AVI50415 Diploma of Aviation (Instrument Rating)

Modification History
Release 1. This is the first release of this qualification in the AVI Aviation Training Package.

Qualification Description
This qualification reflects the roles of flight crew personnel operating in support of commercial or Defence aviation flight operations. Flight crew duties include applying technical and non-technical aviation skills and knowledge to a wide range of air transport operations, including passenger, charter and cargo operations while operating aeroplanes or helicopters under the instrument flight rules (IFR). Individuals working at this level will apply knowledge and skills to demonstrate autonomy, judgement and defined responsibility in known or changing contexts within broad but established parameters. This qualification forms some of the requirements for an Instrument Rating certification by the Civil Aviation Safety Authority (CASA) as directed by Civil Aviation Safety Regulation (CASR) Part 61 Flight crew licensing. People seeking certification should check these requirements with CASA. Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Occupations may include:
- Commercial aeroplane pilot
- Commercial helicopter pilot
- Military aeroplane pilot
- Military helicopter pilot.

Entry Requirements
Commercial or military pilot entrants to this qualification should check requirements with CASA or Defence Aviation for certification and/or flight hour requirements.
Packaging Rules

A total of 13 units of competency comprising:

12 core units listed below plus

4 specialist elective units from the specialist elective units listed below. The specialist elective unit must contribute to the vocational outcomes of the qualification.

Core units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>AVIF0007</td>
<td>Implement threat and error management strategies</td>
</tr>
<tr>
<td>AVIF0008</td>
<td>Manage safe flight operations</td>
</tr>
<tr>
<td>AVIH0005</td>
<td>Plan a flight under instrument flight rules</td>
</tr>
<tr>
<td>AVIH5017</td>
<td>Navigate aircraft under instrument flight rules</td>
</tr>
<tr>
<td>AVIW5018</td>
<td>Operate and manage aircraft systems</td>
</tr>
<tr>
<td>AVIY0001</td>
<td>Operate aircraft using aircraft flight instruments</td>
</tr>
<tr>
<td>AVIY0013</td>
<td>Conduct a 2D instrument approach</td>
</tr>
<tr>
<td>AVIY0022</td>
<td>Perform instrument arrival and standard arrival route procedures</td>
</tr>
<tr>
<td>AVIY5024</td>
<td>Operate aircraft in the traffic pattern at night</td>
</tr>
<tr>
<td>AVIY5027</td>
<td>Perform non published instrument departure procedures</td>
</tr>
<tr>
<td>AVIY5028</td>
<td>Perform published instrument departure procedures</td>
</tr>
<tr>
<td>AVIY5033</td>
<td>Perform visual circling approach</td>
</tr>
</tbody>
</table>

Specialist elective units – Note all student enrolled at ANAC will complete all of the following elective units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>AVIY0014</td>
<td>Conduct a 3D instrument approach</td>
</tr>
<tr>
<td>AVIY5034</td>
<td>Conduct a 2D non-directional beacon instrument approach</td>
</tr>
<tr>
<td>AVIY5035</td>
<td>Conduct a 2D very high frequency omni-directional radio range instrument approach</td>
</tr>
<tr>
<td>AVIY5036</td>
<td>Conduct a 3D instrument landing system instrument approach</td>
</tr>
</tbody>
</table>

Qualification Mapping Information

This qualification replaces and is equivalent to AVI50408 Diploma of Aviation (Instrument Flight Operations).

Links