

SECTION 2.2 PRIVATE IFR RATING

Unit 2.2.1 PIFR: Private IFR rating

1. Reserved

2. Pilot's fitness and qualifications

2.1 Pilot medical fitness for IFR flight

- 2.1.1 State requirements for pilot fitness to conduct an IFR flight.
- 2.1.2 Describe how a pilot determines whether they are fit to conduct an IFR flight.
- 2.1.3 State what qualifications a pilot must have to be authorised to conduct an IFR flight.

3. Aircraft instruments, radios and equipment

- 3.1.1 List the mandatory flight instruments that must be installed and serviceable for conducting an IFR flight.
- 3.1.2 List the mandatory electrical lighting equipment that must be installed and serviceable for conducting an IFR flight.
- 3.1.3 List the mandatory aircraft radio communications equipment that must be installed and serviceable for conducting an IFR flight.
- 3.1.4 List the mandatory radio navigation equipment that must be installed and serviceable for conducting an IFR flight.
- 3.1.5 Extract from an aircraft flight manual information about the limitations that are specified for operating a particular type of aircraft under the IFR.

4. IFR operations – general

- 4.1.1 State the IFR operations a single-engine aircraft is limited to.
- 4.1.2 State the requirements for submission of flight notification and SARWATCH for conducting an IFR operation.
- 4.1.3 State the speed restrictions an IFR flight must operate to.
- 4.1.4 State the requirements for inflight progress reports for IFR flights.
- 4.1.5 State the requirements and procedures for flight plan amendments and advising revised estimates.

5. Documentation for IFR flight

- 5.1.1 State the documents required to be carried on an IFR flight.
- 5.1.2 Extract relevant information from operational documents for an IFR flight.
- 5.1.3 Describe the meteorological forecasts required for conducting an IFR flight.
- 5.1.4 State sources of, and actions to obtain, meteorological forecasts for IFR flights.
- 5.1.5 Determine the validity of a meteorological forecast for an IFR flight.
- 5.1.6 State what meteorological broadcast services are available in Australia for the flight.

6. IFR navigation requirements

- 6.1.1 Describe the navigation requirements for an IFR flight using radio navigation systems.
- 6.1.2 State the navigation requirements for an IFR flight using self-contained or long-range navigation systems.
- 6.1.3 Describe the navigation requirements for an IFR flight using visual reference to ground and water.
- 6.1.4 State the navigation tolerance for an IFR flight avoiding CTA.
- 6.1.5 State the requirements for positive radio fixing.