



Mapping of Civil Aviation Orders to CASR Parts 91, 119 and 121—Australian air transport operations—larger aeroplanes

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Glossary

Acronyms and abbreviations

Acronym / abbreviation	Description
AIP	Aeronautical Information Publication
AMC/GM	Acceptable Means of Compliance and Guidance Material
AOC	Air Operator's Certificate
CAO	Civil Aviation Order
CAR	<i>Civil Aviation Regulations 1988</i>
CASA	Civil Aviation Safety Authority
CASR	<i>Civil Aviation Safety Regulations 1998</i>
ELT	emergency locator transmitter
GNSS	Global Navigation Satellite System
HF	Human factors
ICAO	International Civil Aviation Organization
MOPSC	maximum operational passenger seat configuration
MOS	Manual of Standards
MTOW	maximum take-off weight
NTS	non-technical skills
SMS	safety management system
TAWS	terrain awareness and warning system

References

Regulations are available on the Federal Register of Legislation website

<https://www.legislation.gov.au/>

Document	Title
Civil Aviation Regulations	<i>Civil Aviation Regulations 1988</i>
Civil Aviation Safety Regulations	<i>Civil Aviation Safety Regulations 1998</i>
Part 91 of CASR	General operating and flight rules
Part 119 of CASR	Australian air transport operators—certification and management
Part 121 of CASR	Australian air transport operations—larger aeroplanes
Part 135 of CASR	Australian air transport operations—smaller aeroplanes
Part 139 of CASR	Aerodromes
Part 91 AMC/GM	Part 91—General operating and flight rules

Mapping of Civil Aviation Orders to CASR Parts 91, 119 and 121—Australian air transport operations—larger aeroplanes

Document	Title
	Acceptable means of compliance and guidance material
Part 119 AMC/GM	Part 119— Australian air transport operators—certification and management Acceptable means of compliance and guidance material
Part 121 AMC/GM	Part 121— Australian air transport operations—larger aeroplanes Acceptable means of compliance and guidance material

Revision History

Amendments/revisions of this Handbook are recorded below in order of the most recent first.

Version No.	Date	Parts/Sections	Details
1.0	April 2021	All	First issue

Introduction

This document has been developed to assist pilots and operators transition to the new flight operations regulations that commence on 2 December 2021. It provides a guide to where provisions of Civil Aviation Orders (CAOs), as they would relate to Part 121 air transport operations, have been incorporated into Parts 91, 119 and 121 of the *Civil Aviation Safety Regulations 1998* (CASR).

Part 121 of CASR (other than 121.Z) applies to operators and pilots conducting Australian air transport operations in an aeroplane that has either or both:

- a MOPSC of more than 9
- a MTOW of more than 8,618 kg.

Subpart 121.Z applies to the operation of a single-engine aeroplane for an Australian air transport operation if it has both:

- a MOPSC of more than 9, and
- a MTOW of not more than 8,618 kgs.

Part 119 of CASR prescribes the rules for operator certification and management.

This document lists regulations from Parts 91, 119 and 121 of CASR against CAO subsections, together with the location of requirements (if any) in the Manuals of Standards for Parts 91 and 121. If a similar provision is not contained in the CASR Parts, this is indicated by a '—'.

The comments provide a brief outline of some key differences between the existing and the new regulations, as well as other explanatory material and related provisions. Refer to the regulations and associated MOS sections for full requirements.

A number of the new regulations do not include the prescriptive requirements of the CAOs and are outcome-based, allowing the operator to develop their own procedures for compliance, which must be included in their exposition.

This document does not contain every regulation that applies to an air transport operation and it should be read in conjunction with the CASR Parts. Guidance material is provided in AMC/GM documents and advisory circulars, available on the CASA website.

The Civil Aviation Orders, the new CASR Parts and Manuals of Standards are available via the CASA website and on the Federal Register of Legislation website as follows:

- [Civil Aviation Orders](#)
- [Part 91 of CASR](#) and the [Part 91 Manual of Standards](#)
- [Part 119 of CASR](#)
- [Part 121 of CASR](#) and the [Part 121 Manual of Standards](#).

The AMC/GM documents for Parts [91](#), [119](#) and [121](#) are available on the CASA website.

Definitions are provided in the CASR Dictionary, the applicable CASR Part or its MOS. Refer to the CASA Flight operations regulations - consolidated dictionary, available on the [CASA website](#).

Subpart 121.Z – certain single-engine aeroplanes

Aeroplanes to which Subpart 121.Z applies are only required to comply with Subpart 121.Z of Part 121. The remainder of Part 121 and the Part 121 Manual of Standards do not apply.

Part 135 of CASR (except paragraph 135.380 (2) (a)¹ and any provision of Part 135 that is inconsistent with another provision of Subpart 121.Z) apply to the operation of these aeroplanes². Refer to the Part 135 mapping documents.

¹ Paragraph 135.380 (2) (a) prescribes the composition of an aeroplane's flight crew.

² Regulation 121.760 Application of Part 135 to certain aeroplanes.



Mapping of Civil Aviation Orders to CASR Parts 91, 119 and 121—Australian air transport operations—larger aeroplanes

Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR	Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
20.2 Air service operations — safety precautions before flight						
20.2.2	Removal of locking and safety devices	—			91.245 Matters to be checked before take-off	Chapter 10 (10.02) Other provisions 91.095 Compliance with flight manual etc. 91.215 Authority and responsibilities of the pilot in command 121.055 Compliance with flight manual
20.2.3	Security of doors and hatches	—				
20.2.4	Precautions before solo flight in aircraft fitted with dual controls	—				
20.2.5	Fuel system inspection	—			91.465 Contaminated, degraded or inappropriate fuels	
20.2.6	Fuel quantity measurement	121.225	Fuel procedures		—	
		121.235	Fuel requirements	Chapter 7 Division 2 (7.07)		
		119.205	Content of exposition			
20.3 Air service operations — Marshalling and parking of aircraft						
20.3.1	Application	—			—	
20.3.2	Responsibility for marshalling and parking aircraft	—			91.670 Standard visual signals	Regulation 91.670 of CASR prescribes that a person who displays a signal to an aircraft (other than a glider) for the purposes of marshalling the aircraft must use a standard visual signal. Other provisions 121.215 Procedures for safety at aerodromes
20.3.3	Parking areas	—			—	Refer to Part 139 of CASR—Aerodromes for the requirements relating to designated parking areas on aerodromes. Regulation 91.420 Parked aircraft not to create a hazard (a new provision prescribing that an aircraft must not be parked in a place where it is a hazard to the movement of other aircraft).
20.3.4	Standard hand signals	—			91.670 Standard visual signals	<i>Standard visual signal</i> is defined in the CASR Dictionary. Details of marshalling signals are shown in Appendix 1 of the Part 91 AMC/GM.
Appendix 1	Standard hand signals to be used by ground personnel marshalling aircraft	—			—	Other provisions Part 91 MOS Division 2.3 Definition of <i>standard visual signal</i> .



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR	Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
20.4 Provision and use of oxygen and protective breathing equipment						
20.4.1	Application	—			—	
20.4.2	Interpretation	—			—	
20.4.3	Equipment standards	Subpart 121.K	Equipment	Chapter 11 Division 9 (11.46)	—	Refer to CAO 108.26 for equipment standards.
20.4.4	Duties of crew members in relation to oxygen and protective breathing equipment	121.285	Safety briefings, instructions and demonstrations	Chapter 8 Division 2 (8.03(8))	91.245 Matters to be checked before take-off	Chapter 10 (10.02(j)) Other provisions 121.280 Safety briefing cards Part 121 MOS Chapter 8 (8.01(2)(a))
20.4.5	Information to be included in operations manual and flight manual	119.205	Content of exposition		—	Paragraph 119.205 (1) (h) of CASR requires an exposition to include details about how the operator safely conducts and manages their operations in compliance with the civil aviation legislation.
20.4.6	Supplemental oxygen requirements for unpressurised aircraft	Subpart 121.K	Equipment	Chapter 11 Division 9 (11.41)	—	The Part 121 MOS prescribes modified supplemental oxygen supply requirements for unpressurised aeroplanes.
20.4.7	Supplemental oxygen requirements for pressurised aircraft engaged in flights not above FL250	Subpart 121.K	Equipment	Chapter 11 Division 9 (11.40, 11.43)	—	The Part 121 MOS prescribes modified supplemental oxygen supply requirements for pressurised aeroplanes.
20.4.8	Supplemental oxygen requirements for pressurised aircraft engaged in flights above FL250	Subpart 121.K	Equipment	Chapter 11 Division 9 (11.40, 11.42, 11.43)	—	
20.4.9	First aid oxygen	Subpart 121.K	Equipment	Chapter 11 Division 9 (11.46)	—	
20.4.10	Protective breathing equipment	Subpart 121.K	Equipment	Chapter 11 Division 9 (11.44, 11.45)	—	The Part 121 MOS prescribes updated protective breathing equipment requirements. Other provisions 121.310 Crew protective breathing equipment
20.6 Continuation of flight with 1 or more engines inoperative						
20.6.2	Application	—			—	
20.6.3	Requirements	—			91.680 Pilot in command to report	Other provisions 121.035 Flights further than the threshold distance



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
						emergencies		Part 121 MOS Chapter 2 (2.20(8))
					91.685	Multi-engine aircraft—pilot in command to land at nearest suitable aerodrome if emergency occurs		
20.7.0 Aeroplane weight limitations - general								
20.7.0.2	Application	—			—			Declared density altitude charts have not been included in the CASR.
20.7.0.3	Definitions	—			—			Regulation 91.230 of CASR and Chapter 7 of the Part 91 MOS prescribe the requirements relating to flight preparation and weather assessments. Other provisions 121.165 General flight preparation requirements
20.7.0.4	Declared density altitude charts (and Appendices 1-3)	—			—			
20.7.1 Aeroplane weight limitations - aeroplanes above 5 700 kg - all operations (piston-engine)								
		—			—			Refer to the entries for CAO 20.7.1B for take-off weight and landing weight limitations. The CASA P-series charts have not been included in the CASR.
20.7.1B Aeroplane weight and performance limitations - specified aeroplanes above 5700kg, or 2722 kg if driven by 2 or more jet engines - all operations								
20.7.1B.2	Application	—			—			Other provisions 91.055 Aircraft not to be operated in manner that creates a hazard 91.095 Compliance with flight manual etc. 121.055 Compliance with flight manual 121.200 Stabilised approach requirements 121.210 Procedures to determine information about aerodromes 121.390 Performance data 121.425 Computerised performance data systems not fitted to aeroplanes
20.7.1B.3	Definitions	—			—			
20.7.1B.4	Take-off weight limitations	121.395	Take-off performance	Chapter 9 Division 1 (9.02)	—			
20.7.1B.5	Landing weight limitations	121.420	Landing performance	Chapter 9 Division 2 (9.10, 9.11, 9.12)	—			
20.7.1B.6	Accelerate-stop and take-off distance required	121.395	Take-off performance	Chapter 9 Division 1 (9.03)	—			
20.7.1B.7	Take-off climb performance	121.395	Take-off performance	Chapter 9 Division 1	—			



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
				(9.04, 9.05, 9.06, 9.07)				
20.7.1B.8	En-route climb performance	121.395	Take-off performance	Chapter 9 Division 1 (9.07, 9.08)	—			
20.7.1B.9	Approach climb performance	121.420	Landing performance	Chapter 9 Division 2 (9.12)	—			
20.7.1B.10	Landing climb performance							
20.7.1B.11	Landing distance required	121.420	Landing performance	Chapter 9 Division 2 (9.10, 9.11, 9.13)	—			
20.7.1B.12	Obstacle clearance requirements	121.395	Take-off performance	Chapter 9 Division 1 (9.04, 9.08)	—			
20.7.1B.12A	Alternative take-off area requirements	121.395	Take-off performance	Chapter 9 Division 1 (9.04)	—			
20.7.1B.14	Aeroplane configuration and procedures	121.055	Compliance with flight manual		91.095	Compliance with flight manual etc.		Paragraph 119.205 (1) (h) of CASR requires an exposition to include details about how the operator safely conducts and manages their operations in compliance with the civil aviation legislation.
		119.205	Content of exposition		—			
		121.430	Procedures relating to inoperative engines		—			
20.7.2 Aeroplane weight and performance limitations - aeroplanes not above 5700kg - regular public transport operations								
		—			—			Refer to the entries for CAO 20.7.1B for weight and performance limitations.
20.9 Air service operations - precautions in refuelling, engine and ground radar operations								
20.9.2	Application	—			—			
20.9.3	Fuel and oils	—			91.465	Contaminated, degraded or inappropriate fuels		The responsibility for ensuring an aircraft is not fuelled with contaminated, degraded or inappropriate fuel has been extended to the fuel supplier and refueller. Other provisions 91.095 Compliance with flight manual etc. 121.055 Compliance with flight manual
20.9.4	Fuelling of aircraft	121.240	Fuelling safety procedures		91.470	Fire hazards		
					91.480	Fuelling		



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
						aircraft— electrical bonding		
					91.485	Equipment or electronic devices operating near aircraft		
					91.490	Fuelling turbine- engine aircraft— low-risk electronic devices		
					91.515	Fuelling aircraft if fuel vapour detected		
					91.475	Fuelling aircraft—fire fighting equipment		
20.9.5	Starting and ground operations of engines	121.215	Procedures for safety at aerodromes		91.470	Fire hazards		
20.9.6	Ground operation of aircraft radar equipment	—			—			These provisions have not been included in Part 121 or 91 of CASR. Refer to the following regulations for requirements relating to fire hazards and the operation of equipment during refuelling: <ul style="list-style-type: none"> • 91.470 Fire hazards • 91.485 Equipment or electronic devices operating near aircraft.
Appendix 1	Fire safety requirements to be met by mechanical and electrical equipment within 15 metres etc	—			—			Refer to AC 91-25 - Fuel and oil safety ³ for guidance. Other provisions 91.055 Aircraft not to be operated in a manner that creates a hazard
20.11 Emergency and life saving equipment and passenger control in emergencies								
20.11.1	Application	—			—			
20.11.2	Definitions	—			—			
20.11.3	Maintenance of emergency and lifesaving equipment	Subpart 121.K	Equipment	Chapter 11 Division 1 (11.01,	—			Other provisions 91.245 Matters to be checked before take-off

³ At the time of publication of this document, this AC is under development. Once published, it will be available from the CASA website.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
				11.05)			Part 91 MOS Chapter 10 (10.02(d)) Part 121 MOS Chapter 11 (11.06)
20.11.5	Flotation equipment for overwater flights	Subpart 121.K	Equipment	Chapter 11 Division 12 (11.59, 11.60, 11.61, 11.62, 11.63)	—		Other provisions 121.335 Life-saving equipment for life rafts
20.11.6	Emergency signalling equipment	Subpart 121.K	Equipment	Chapter 11 Division 10 (11.47, 11.48, 11.49, 11.50, 11.51)	—		'Automatic ELT' and 'survival ELT' replace the terms 'approved ELT' and 'approved portable ELT', respectively. Apart from a minor technical amendment included in the requirements for an automatic ELT, details are unchanged. The Part 121 MOS prescribes new requirements for the carriage of ELTs. Until immediately before 2 December 2023, an aeroplane must either be fitted with or carry ELTs in accordance with regulation 252A of CAR and subsection 6 of CAO 20.11 (as it applies to ELTs), or Division 10 of the Part 121 MOS. From 2 December 2023, the requirements in the Part 121 MOS must be complied with. The Part 121 MOS prescribes a new requirement for certain aeroplanes to be fitted with an underwater locating device (ULD), with effect from the beginning of 2 December 2023 (11.64).
20.11.6A	Portable megaphones	Subpart 121.K	Equipment	Chapter 11 Division 11 (11.57)	—		
20.11.7	Survival equipment	Subpart 121.K	Equipment	Chapter 11 Division 4 (11.13)	—		Other provisions 121.130 Information about search and rescue services 121.135 Information about emergency and survival equipment 121.340 Survival equipment procedures
20.11.8	Accessories for water operations	Subpart 121.K	Equipment	Chapter 11 Division 12 (11.58)	—		
20.11.9	Illumination of emergency exits	—			—		The Part 121 MOS prescribes that cabin lighting must be sufficient to enable each occupant of the aeroplane to see and use the normal and emergency exits. Refer to section 11.15 of Chapter 11.
20.11.10	Emergency procedures	119.205	Content of exposition		—		Paragraph 119.205 (1) (h) of CASR requires an exposition to include details of each plan, process, procedure, program and system implemented by the operator to safely conduct and manage their Australian air transport operations. The Part 121 MOS prescribes new requirements for the carriage of: <ul style="list-style-type: none"> • first-aid kits (11.53) (on and after 2 December 2023) • an emergency medical kit (11.54) • universal precaution kits (11.55).



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
								Other provisions 121.320 Procedures relating to first-aid kits 121.325 Procedures relating to universal precaution kits 121.330 Procedures relating to emergency medical kits
20.11.11	Assignment of emergency duties	121.065	Duty statement to be available to crew		—			Other provisions 121.485 Competence 121.645 Competence 121.740 Competence 121.755 Emergency evacuation procedures Part 121 MOS Chapter 14 119.205 Content of exposition
20.11.12	Crew member proficiency in the execution of emergency procedures	121.475	Composition, number, qualifications and training		—			Part 121 of CASR prescribes revised requirements for emergency and safety equipment training and checking, and a new requirement for a 3-yearly check. Regulation 121.750 prescribes emergency and safety equipment check requirements for cabin crew who are carried, but not required. Other provisions 119.225 Personnel training and checking records—making records 119.240 Retention periods for personnel records 121.485 Competence 121.645 Competence 121.740 Competence
		121.640	Qualifications, experience and training					
		121.750	Annual emergency and safety equipment check					
20.11.13	Cabin attendants	121.630	When cabin crew are required		—			For the definition of <i>flight base number</i> of cabin crew members for a flight of an aircraft, refer to the CASA Flight operations regulations - consolidated dictionary, available on the CASA website. Other provisions 121.650 Minimum age 121.655 English proficiency 121.660 Assignment to duty as senior cabin crew member 121.670 Operating with a reduced number of cabin crew 121.675 Second senior cabin crew member Division 121.P.7—When cabin crew are carried but not required
		121.635	Number of cabin crew					
		121.380	Assignment of cabin crew seats					
		121.640	Qualifications, experience and training					
20.11.14	Briefing of passengers	121.280	Safety briefing cards	Chapter 8 Division 1	91.540	Means of passenger communication		Other provisions 91.570 Passengers—safety directions by pilot in command 91.575 Passengers—compliance with safety directions 91.580 Passengers—compliance with safety instructions by cabin crew
		121.285	Safety briefings, instructions and demonstrations	Chapter 8 Division 2				
		121.290	Additional safety briefing for					



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
			passengers in emergency exit rows					
		121.295	Safety briefing in the event of an emergency					
20.11.15	Demonstration of emergency evacuation procedures	121.755	Emergency evacuation procedures	Chapter 14	—			
Appendix II	Criteria for ditching demonstration							
Appendix III	Designated remote areas	—			—			<i>remote area</i> has the meaning given in Division 26.15 of the Part 91 MOS.
Appendix IV	Crew member emergency procedures proficiency test	121.605	Holding valid annual emergency and safety equipment check		—			Other provisions 121.555 Meeting initial training requirements (<i>flight crew</i>) Part 121 MOS Chapter 12 Division 2 (<i>including water-survival training, and new requirements for fire and smoke training</i>) 121.560 Meeting conversion training requirements Part 121 MOS Chapter 12 Division 3 121.710 Meeting initial training requirements (<i>cabin crew</i>) Part 121 MOS Chapter 13 Division 4 (<i>including water-survival training, and new requirements for fire and smoke training</i>) 121.715 Meeting conversion training requirements Part 121 Chapter 13 Division 5 (<i>evacuation slide – revised requirements</i>) 121.680 Training facilities and devices Part 121 MOS Chapter 13 Division 3 121.755 Emergency evacuation procedures Part 121 MOS Chapter 14
		121.610	Annual emergency and safety equipment training and checking requirements	Chapter 12 Division 6				
		121.615	Holding valid 3 yearly emergency and safety equipment check					
		121.620	The 3 yearly emergency and safety equipment training and checking requirements	Chapter 12 Division 7				
		121.725	Annual training and holding valid annual training check	Chapter 13 Division 6				
		121.735	Three yearly training and holding valid 3 yearly training check	Chapter 13 Division 7				
		121.750	Annual emergency and safety equipment check					
20.13 Air service operations - cockpit check systems								
		—			—			CASA approval of cockpit check systems is not required under the CASR. The following provisions relate to the compliance with flight manual instructions about the operation of an aeroplane, and the availability and carriage of checklists: <ul style="list-style-type: none"> • 91.095 Compliance with flight manual etc. • 121.055 Compliance with flight manual • 121.070 Availability of checklists • 121.085 Carriage of documents



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
								Part 121 MOS Chapter 3 (3.01(3)). Refer to the Part 121 AMC/GM document for guidance on regulation 121.070 and establishing, using and maintaining checklists.
20.16.1 Air service operations - loading - general								
20.16.1.1	Application	—			—			
20.16.1.2	Definitions	—			—			
20.16.1.3	Loading system	121.435	Loading of aeroplane		—			Refer to multi-part AC 121-05 – Passenger, crew and baggage weights ⁴ for guidance, including about establishing crew and passenger weights in accordance with a derived method.
		121.440	Procedures for loading aeroplane etc.	Chapter 10				
20.16.1.5	Load sheets	121.455	Weight and balance documents	Chapter 10 (10.02)	—			Section 10.02 of the Part 121 MOS prescribes the content of the weight and balance documents, including the name of the person who prepared the documents. Other provisions 119.245 Retention periods for flight-related documents 121.095 Accessibility of documents
		121.085	Carriage of documents	Chapter 3 Division 1				
20.16.1.7	Passenger lists	121.110	Passenger lists		—			Subregulation 121.110 (2) prescribes a new requirement for the number of infants carried to be included in the passenger list. Other provisions 121.095 Carriage of documents—flights that begin or end outside Australian territory 121.100 Keeping and updating documents etc. (a new requirement for procedures to be in the exposition). Part 121 MOS Chapter 3 (3.03) 119.245 Retention periods for flight-related documents
20.16.2 Air service operations - loading - general								
20.16.2.1	Application	—			—			
20.16.2.2	Definitions	—			—			
20.16.2.3	Restraint	—			91.585	Restraint and		

⁴ At the time of publication of this document, this AC is under development. Once published, it will be available from the CASA website.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
						stowage of cargo		
20.16.2.4	Stowage	121.260	Aisles to remain unobstructed		91.600	Carriage of cargo—general		Other provisions 121.255 Carry-on baggage
		121.265	Stowage of passenger service equipment etc.		91.605	Carriage of cargo—cargo compartments		Regulation 91.605 of CASR prescribes a new requirement to ensure fire fighting access to cargo compartments.
		121.375	Obstruction of emergency exits					
20.16.2.5	Cargo on a passenger seat	—			91.585	Restraint and stowage of cargo		Cargo carried on an unoccupied seat may exceed 77 kg if the seat manufacturer permits it. CASA approval of a seat loading scheme is not required.
		—			91.610	Carriage of cargo—unoccupied seats		Other provisions 91.095 Compliance with flight manual etc. 121.055 Compliance with flight manual
20.16.2.6	Cargo in a pilot compartment	—			91.600	Carriage of cargo—general		
		—			91.610	Carriage of cargo—unoccupied seats		
20.16.2.7	Placarding	—			91.615	Carriage of cargo—loading instructions		Other provisions 91.060 Unauthorised travel or placing of cargo on aircraft
20.16.3 Air service operations—carriage of persons								
20.16.3.1	Application	—			—			
20.16.3.2	Definitions	—			—			
20.16.3.3	Seats	121.270	Passengers in emergency exit row seats		91.550	Seating for flight crew members		Other provisions 121.275 Carriage of passengers with reduced mobility 121.290 Additional safety briefing for passengers in emergency exit rows 91.535 Crew safety during turbulence 91.575 Passengers—compliance with safety directions 91.580 Passengers—compliance with safety instructions by cabin crew 91.060 Unauthorised travel or placing of cargo on aircraft
					91.555	Seating for crew members other than flight crew members		
					91.560	Restraint of infants and children	Chapter 20 Division 20.2	



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
					91.570	Passengers—safety directions by pilot in command		
20.16.3.4	Seat belts and safety harnesses	Subpart 121.K	Equipment	Chapter 11 Division 8 (11.38)	91.550	Seating for flight crew members		Other provisions 91.545 Seating for persons on aircraft Part 121 MOS Chapter 20 Division 20.1 121.285 Safety briefings, instructions and demonstrations Part 121 MOS Chapter 8
					91.555	Seating for crew members other than flight crew members		
					91.540	Means of passenger communication		
					91.560	Restraint of infants and children	Chapter 20 Division 20.2	
					91.570	Passengers—safety directions by pilot in command		
20.16.3.5	Adjustment of seats	121.285	Safety briefings, instructions and demonstrations	Chapter 8 Division 2	91.570	Passengers—safety directions by pilot in command		Other provisions 91.575 Passengers—compliance with safety directions 91.580 Passengers—compliance with safety instructions by cabin crew
20.16.3.6	Cabin attendants	121.630	When cabin crew are required		—			
		121.635	Number of cabin crew					
		121.670	Operating with a reduced number of cabin crew					
20.16.3.6A	Manned balloons and hot air airships	—			—			
20.16.3.7	Aisles	—			—			Other provisions 121.260 Aisles to remain unobstructed
20.16.3.8	Smoking	121.285	Safety briefings, instructions and demonstrations	Chapter 8 Division 2 (8.03(8)(k))	91.530	When smoking not permitted		Smoking is now taken to include electronic cigarettes. Other provisions 121.280 Safety briefing cards



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
20.16.3.9	Stowage of loose articles	121.260	Aisles to remain unobstructed		91.600	Carriage of cargo—general		Other provisions 91.170 Operation of portable electronic devices (prescribes that the pilot in command may permit the use of portable electronic devices during flight (rather than requiring them to be stowed at prescribed times) if the use will not affect the safety of the aircraft). 121.350 Procedures relating to portable electronic devices 121.255 Carry-on baggage
		121.265	Stowage of passenger service equipment etc.					
20.16.3.10	Passenger service	121.265	Stowage of passenger service equipment etc.		—			
20.16.3.11	Carriage of passengers in seats at which dual controls are fitted	121.155	Cockpit authorisation and briefing		91.155	Manipulating flight controls		
20.16.3.12	Passenger capacity	—			—			The provisions in CAO 20.16.3 subsection 12 for the carriage of excess passengers have not been included in CASR. Other provisions 91.095 Compliance with flight manual etc. 121.055 Compliance with flight manual 121.435 Loading of aeroplane 121.440 Procedures for loading aeroplane etc. 121.755 Emergency evacuation procedures Part 121 MOS Chapter 14 (14.02) (the operator's emergency evacuation procedures must account for the carriage of the number of passengers that corresponds to the aeroplane's MOPSC).
20.16.3.13	Carriage of infants and children	—			91.560	Restraint of infants and children	Chapter 20 Division 20.2	Other provisions 91.570 Passengers—safety directions by pilot in command 121.285 Safety briefings, instructions and demonstrations Part 121 MOS Chapter 8 Division 2 (8.03 (4))
20.16.3.14	Persons or passengers who require assistance due to sickness, injury or disability	121.275	Carriage of passengers with reduced mobility		91.545	Seating for persons on aircraft	Chapter 20 Division 20.1	
		121.285	Safety briefings, instructions and demonstrations	Chapter 8 Division 2 (8.03(3))				
20.16.3.15	Carriage of parachutists	—			—			
20.17 Air service operations - use of military aerodromes by civil aircraft								
		—			—			These provisions have not been included in Part 121 of CASR.
20.18 Aircraft equipment - basic operational requirements								
20.18.2	Definitions	—			—			



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
20.18.3	Instrumentation for flight under the Visual Flight Rules (the V.F.R.)	—			—			Regulation 121.025 of CASR prescribes that aeroplanes must not be flown under the VFR. For aeroplanes to which Subpart 121.Z applies, refer to the Part 135 mapping document.
20.18.3A	Operations to which flight and navigation equipment requirements do not apply	—			—			
20.18.4	Equipment for flight under the Instrument Flight Rules (the I.F.R.)	Subpart 121.K	Equipment	Chapter 11 Divisions 4 (11.10) and 8 (11.36)	—			Section 11.36 of the Part 121 MOS - flight crew intercommunication system, prescribes new requirements.
		121.055	Compliance with flight manual					
20.18.5	Windshield clear vision equipment	Subpart 121.K	Equipment	Chapter 11 Division 4 (11.11)	—			
20.18.6	Recording equipment	Subpart 121.K	Equipment	Chapter 11 Division 7	91.650	Flight recorders—preserving recordings of immediately reportable matters		Regulation 91.650 prescribes that aircraft fitted with an operative flight data recorder, operative cockpit voice recorder or operative combination recorder are required to preserve recordings of immediately reportable matters. The recorder must also be preserved. The retention time has been reduced. Other provisions 91.645 Availability of instructions for flight data and combination recorders Part 121 of CASR introduces requirements for recording of data link communication messages, with effect from the beginning of 2 December 2023. Refer to the Part 121 MOS Chapter 11, Division 7 (11.35).
20.18.7	Assigned altitude indicator and altitude alerting system	Subpart 121.K	Equipment	Chapter 11 Division 6 (11.19 and 11.20) and 2 (11.05)	—			The Part 121 MOS sets out the circumstances in which flight with inoperative altitude alerting equipment or an inoperative assigned altitude indicator is permitted.
20.18.8	Radiation indicator	Subpart 121.K	Equipment	Chapter 11 Division 4 (11.14) and 2 (11.05)	—			
20.18.9	Ground proximity warning system	Subpart 121.K	Equipment	Chapter 11 Division 6 (11.24 and 11.25)	—			Some provisions in the flight operations CASR Parts will be deferred. For deferral requirements regarding the fitment of an approved TAWS, refer to the Part 121 MOS 11.24 (2), (3) and (4). For further information about deferred provisions, refer to AC 1-03 - Transitioning to the new flight operations regulations, available on the CASA website.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
20.18.9B	Directions relating to carriage and use of automatic dependent surveillance - broadcast equipment	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
20.18.9BA	Instructions—SSR transponder equipment	—			—			
20.18.9C	Standards for Mode S transponder equipment	Subpart 121.K	Equipment	Chapter 11 Division 13 (11.65 and 11.68)	—			
20.18.9D	Directions for mandatory GNSS equipment for I.F.R. flight	Subpart 121.K	Equipment	Chapter 11 Division 4 (11.09)	—			
20.18.9E	Carriage of Mode S transponder equipment	Subpart 121.K	Equipment	Chapter 11 Division 13 (11.66, 11.67)	—			
20.18.10	Serviceability	121.060	Operator to have minimum equipment list for certain flights		91.150	Operating aircraft with inoperative equipment—placarding		Regulation 121.060 of CASR prescribes the requirement to have a minimum equipment list. Requirements for the content, approval and variation of minimum equipment lists are prescribed by Part 91 of CASR. Other provisions 121.085 Carriage of documents Subpart 91.Y—Minimum equipment lists
		Subpart 121.K	Equipment	Chapter 11 Division 2 (11.06)				
Appendix I	Instruments required for flight under the V.F.R.	—			—			Regulation 121.025 of CASR prescribes that aeroplanes must not be flown under the VFR. For aeroplanes to which Subpart 121.Z applies, refer to the CAOs to Part 135 mapping document.
Appendix II	Instruments required for aeroplanes engaged in RPT operations, and aeroplanes engaged in charter operations which have a maximum take-off weight greater than 5 700 kg	Subpart 121.K	Equipment	Chapter 11 Division 3	—			The Part 121 MOS prescribes that all aeroplanes must be fitted with airborne weather radar equipment. Refer to Chapter 11 Division 6 (11.26 and 11.27). Other provisions 121.300 Airborne weather radar equipment
Appendix III	Instruments required for aeroplanes with a maximum take-off weight not greater than 5 700 kg engaged in charter operations under the I.F.R. (except night V.M.C.) excluding	—			—			Refer to the entries for Appendix II.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
	freight only charter operations							
Appendix IV	Instruments required for aeroplanes engaged in aerial work and private operations under the I.F.R. (including night V.M.C.), charter operations under night V.M.C., I.F.R. freight only charter operations in aeroplanes with a maximum take-off weight not greater than 5 700 kg	—			—			Refer to the entries for Appendix II.
Appendix V	Electric lighting equipment flight under the I.F.R. at night (including night V.M.C.)	Subpart 121.K	Equipment	Chapter 11 Division 5	—			The Part 121 MOS prescribes that anti-collision lights must be fitted for flights operating by day or by night. Cabin lighting must enable each occupant to see and use their seatbelt and oxygen facilities (if any).
Appendix VI	Instruments required for V.F.R. operations —helicopters	—			—			
Appendix VII	Instruments required for I.F.R. operations in helicopters (except night V.M.C.)	—			—			
Appendix VIII	Instruments required for night V.M.C. flight in helicopters except while engaged in agricultural operations	—			—			
Appendix IX	Instruments required for helicopters engaged in night V.M.C. agricultural operations	—			—			
Appendix X	Instruments required for manned free balloons and hot air airships for flight by day under the V.F.R.	—			—			
Appendix XI	Approved equipment configuration — ADS-B transmitting equipment — IFR and VFR flight	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
Appendices XII -XIV	Approved equipment configuration — Mode S transponder with Class B TABS position source device, Integrated TABS device, EC	—			—			



Civil Aviation Orders	Part 121 of CASR / Part 119 of CASR	Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
device — VFR flight below FL290 only					
20.22 Taxiing of aircraft by persons other than licensed pilots					
	—		—		Refer to Part 64 of CASR—Authorisations for non-licensed personnel.
20.91 (Instructions and directions for performance-based navigation) Instrument 2014					
	—		91.287	IFR flights	Chapter 14
			91.660	Performance-based navigation	Chapter 22
29.8 Ferry flight of aeroplanes with 1 engine inoperative					
	—		—		These standards have not been included in Part 121 of CASR. Ferrying of an aeroplane with one engine inoperative is not permitted on a flight that is an air transport flight – refer to regulation 121.050 Ferrying an aeroplane with one engine inoperative.
48.1 Civil Aviation Order 48.1 Instrument 2019					
	—		—		The requirement to comply with the CAO 48.1 fatigue management rules will continue beyond the 2 December 2021 commencement of the CASR flight operations regulations. These rules will be incorporated into the CASR in due course. Other provisions Subpart 119.G—Personnel fatigue management (reserved for future use) 91.520 Crew members to be fit for duty (requirements that apply for all crew members).



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR	Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
52.1 Use of airspace - Directions under r 99AA about the use of class A airspace						
		—		91.655	RVSM airspace	<p>The Part 91 MOS prescribes that flight in RVSM airspace must be conducted in accordance with procedures published in the authorised aeronautical information.</p> <p>For the definition of <i>authorised aeronautical information</i>, refer to the CASA Flight operations regulations - consolidated dictionary.</p> <p>Other provisions 91.255 Air traffic services—prescribed requirements Part 91 MOS Chapter 11 (11.07) 91.630 Use of radio—broadcasts and reports Part 91 MOS Chapter 21 (Table 21.05(1) item 7 and 21.08) Part 91 MOS Chapter 11 (11.07) Subpart 121.K Equipment Part 121 MOS Chapter 11 (11.23)</p>
82.0 Civil Aviation Order 82.0 Instrument 2014						
82.0.1	Application	—		—		
82.0.2	Definitions	—		—		
82.0.3	Conditions relating to 'borrowed' certificates	119.255	Dealings in relation to cancelled, suspended, varied, pending or refused civil aviation authorisations		—	
82.0.3A	Conditions on all passenger-carrying aeroplane operations to remote islands	121.170	Flight preparation (Part 121 alternate aerodromes) requirements	Chapter 4	—	<p>Part 121 of CASR introduces new alternate aerodromes requirements, including for <i>isolated destination aerodromes</i>.</p> <p><i>Isolated destination aerodrome</i> is defined in section 4.03 of the Part 121 MOS.</p> <p>Other provisions 121.175 Operational flight plans Part 121 MOS Chapter 5 (5.01 (2) (h)) 121.235 Fuel requirements Part 121 MOS Chapter 7</p>
82.0.3B	En route performance for 3 or 4 turbine-engine aeroplanes	121.395	Take-off performance	Chapter 9 Division 1 (9.08)	—	
82.0.3BA	Distance limitations—piston-engine aeroplanes	121.030	Flights further than the 60 minute distance		—	<p>Regulation 121.030 prescribes that an aeroplane may be flown further than the 60 minute distance, but no further than the relevant threshold distance, provided the prescribed requirements are met and procedures are included in the operator's exposition. For a 2-piston-engine aeroplane, the 60 minute distance is</p>



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
								equal to the threshold distance.
82.0.3BB	Distance limitations—19 passengers or less and exceeding 5,700kg MTOW	121.035	Flights further than the threshold distance	Chapter 2				For flights further than the threshold distance, regulation 121.035 prescribes that an approval under regulation 121.010 is required.
82.0.3BC	Distance limitations—more than 19 passengers or 3,410 kg payload							Other provisions 121.030 Flights further than the 60 minute distance
82.0.3BD	Polar operations	121.360	Polar operations		—			Regulation 121.360 prescribes the requirement to hold an approval under regulation 121.010 to fly in the polar region. Other provisions 121.035 Flights further than the threshold distance Part 121 MOS Chapter 2 (2.05, 2.08, 2.09, 2.11, 2.18) 121.365 Cosmic radiation 121.370 Exceeding cosmic radiation limits
82.0.3C	Conditions relating to charter substitutions	—			—			Parts 119 and 121 of CASR remove the distinction between charter and regular public transport operations. For information regarding the transition of AOCs from CAR classifications to the flight operations CASR Parts, refer to AC 1-03 – Transitioning to the new flight operations regulations, available on the CASA website.
82.0.3D	Condition for use of NVD by an AOC holder	—			—			
82.0.3E	Condition for use of flight crew MP(A)L	—			—			
82.0.4	General AOC conditions—safety operational specifications	—			—			Other provisions 119.055 Compliance with Australian air transport AOCs 119.060 Compliance with conditions of Australian air transport AOCs



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
82.0.5	Chief Pilot	—			—			<p>The position previously titled 'chief pilot' is referred to as the 'head of flying operations'. Part 119 of CASR prescribes the qualifications and experience of the head of flying operations and the responsibilities of the position. Refer to the following regulations:</p> <ul style="list-style-type: none"> 119.135 Head of flying operations—qualifications and experience 119.140 Head of flying operations—responsibilities 119.165 Key personnel—additional qualification and experience requirements. <p>Subregulation 119.135 (5) prescribes that CASA may direct the head of flying operations, or the proposed head of flying operations, to undertake an assessment.</p> <p>Other provisions Subsection 28 (3) of the <i>Civil Aviation Act 1998</i></p>
82.0.6	Variation of conditions or obligations	Subpart 119.C	Changes relating to Australian air transport operators		—			<p>Other provisions 119.020 Definition of <i>significant change</i></p>
82.0.7	Primacy of synthetic training devices in training	121.510	Use of approved flight simulators for training and checking	Chapter 12 Division 1 (reserved)	—			<p>Other provisions Subdivision 91.D.11.1—Causing or simulating instrument failure etc. Subdivision 91.D.11.2—Causing or simulating engine failure etc. for aeroplanes</p>
82.0.8	Pilot with co-pilot endorsement	—			—			<p>Civil Aviation Order 40.1.0 has been repealed. The Part 121 MOS prescribes the requirements for flight crew training and checking – refer to Chapter 12.</p> <p>Other provisions 121.475 Composition, number, qualifications and training 121.500 Co-pilots 121.505 Cruise relief co-pilots 121.510 Use of approved flight simulators for training and checking</p>
82.0.8A	Aircraft ratings — aeroplanes	121.495	Pilot in command		—			<p>The operator's exposition must specify the minimum flying experience requirements for all aeroplanes operated by it for Part 121 operations.</p>
82.0.8B	Recent experience requirements — aeroplanes	121.540	Pilot in command and co-pilot—recent experience requirements		—		<p>Part 121 of CASR prescribes simplified recent experience requirements.</p> <p>Regulation 121.540 does not prescribe night recency requirements. Refer to the Part 121 AMC/GM for guidance on regulation 121.540.</p> <p>Other provisions 121.545 Cruise relief co-pilot—recent experience requirements 121.550 Flight engineers—recent experience requirements</p>	
		121.575	Holding valid Part 121 proficiency check					
82.0.8C	Aircraft ratings — helicopters	—			—			



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
82.0.9	Training and checking manuals	119.205	Content of exposition		—			Regulation 119.170 of CASR prescribes that a training and checking system must include a description of how training and checking is conducted, competence is assessed, an auditable system for maintaining records and other procedures. The operator's exposition must include information about plans, processes, procedures, programs and systems, which may be set out in one or more operator manuals.
82.0.10	Mandatory training and checking in synthetic training devices	121.510	Use of approved flight simulators for training or checking	Chapter 12 Division 1 (reserved)				Part 121 of CASR introduces the requirement for certain operators to have a program of upset prevention and recovery training (UPRT). On or after 31 March 2022, for aeroplanes with a maximum certificated passenger seating capacity of 30 seats or more, recurrent flight training must include UPRT. Refer to section 12.20 of the Part 121 MOS. Refer to AC 121-03 – Upset prevention and recovery training, available on the CASA website.
		121.570	Recurrent training and checking requirements	Chapter 12 Division 4				
82.0.11	Use of electronic flight bags (EFB)	121.350	Procedures relating to portable electronic devices		91.175	Operation of portable electronic devices by crew members		Refer to AC 91-17 – Electronic flight bags ⁵ . Other provisions 121.140 Crew activities necessary for safe operation (a new provision). 91.170 Operation of portable electronic devices (a new provision).
Appendix 1	Chief Pilot - approval, responsibilities etc	—			—			Refer to the entries for subsection 5.
Appendix 2	Adequate aerodrome — physical requirements	—			—			For the definition of <i>adequate aerodrome</i> refer to the CASA Flight operations regulations - consolidated dictionary, available on the CASA website.
Appendix 3	EDTO approval for turbine-engine aeroplanes not certified to carry more than 19 passengers and exceeding 5 700 kg MTOW	121.035	Flights further than the threshold distance	Chapter 2	—			For flights further from an adequate aerodrome than the threshold distance, an approval under regulation 121.010 is required. The Part 121 MOS prescribes the criteria for the grant of an EDTO approval, the form of application and factors to be considered by CASA in approving EDTO, requirements for the conduct of EDTO and the general conditions on approvals. Other provisions Part 121 MOS Chapter 4 Division 2 (4.06) - certain weather forecast requirements— probability indicators 30% and 40% to be taken into account. 121.170 Flight preparation (Part 121 alternate aerodromes) requirements Part 121 MOS Chapter 4 Division 2 (4.19) 121.235 Fuel requirements Chapter 7 Division 2 (7.06) 121.040 Flight distance limitation over water
Appendix 4	EDTO approval for turbine-engine aeroplanes certified to carry more than 19 passengers or having a payload capacity exceeding 3 410 kg							
Appendix 5	General Conditions for EDTO approval for turbine-engine aeroplanes certified to carry more than 19 passengers or having a payload capacity exceeding 3 410 kg							

⁵ At the time of publication of this document, this AC is under development. Once published, it will be available from the CASA website.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
Appendix 6	Polar operations	—			—			Refer to the entries for subsection 3BD.
Appendix 7	MP(A)L Line Check — ICAO Evaluation Form	—			—			
Appendix 8	Requirements for use of qualified synthetic training devices for other aircraft and aircraft types	—			—			
Appendix 8B	Proficiency Check	121.580	Part 121 Proficiency check	Chapter 12 Division 5	—			Part 91 of CASR places restrictions on the causing or simulating of instrument and engine failures in aircraft. Refer to the following subdivisions: <ul style="list-style-type: none"> 91.D.11.1—Causing or simulating instrument failure etc. 91.D.11.2—Causing or simulating engine failure etc. for aeroplanes. Other provisions 121.575 Holding valid Part 121 proficiency check 121.045 Simulation of emergency or abnormal situations, or IMC
Appendix 8C	Minimum aeronautical experience requirements to conduct charter, or regular public transport, operations in a type of helicopter	—			—			
Appendix 9	Requirements to be met for the use of an EFB	—			—			Refer to the entries for subsection 11.
82.1 Conditions on air operators' certificates authorising charter and aerial work operations								
82.1.1	Application of conditions	—			—			
82.1.2	Obligations in relation to organisation and facilities	119.110	Organisation and personnel		—			Section 28 of the <i>Civil Aviation Act 1998</i> prescribes matters in relation to organisation and facilities. The position previously titled 'chief pilot' is referred to as the 'head of flying operations'. Part 119 of CASR prescribes the qualifications and experience of the head of flying operations and the responsibilities of the position. Refer to the following regulations: <ul style="list-style-type: none"> 119.135 Head of flying operations—qualifications and experience 119.140 Head of flying operations—responsibilities 119.165 Key personnel—additional qualification and experience requirements. Other provisions 119.070 Conditions for issue Subsection 28 (3) of the <i>Civil Aviation Act 1998</i>
		Subpart 119.J	Records and documents					
		119.205	Content of exposition					



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
82.1.3	Obligations in relation to training and checking	Subpart 119.E	Training and checking for operational safety-critical personnel		—			<p>Part 119 of CASR introduces the requirement for:</p> <ul style="list-style-type: none"> all Australian air transport operators to have a training and checking system all Australian air transport operators to have a program for training and assessing operational safety-critical personnel in human factors. <p>These may be scaled according to the size and complexity of the operations conducted by the operator.</p> <p>For guidance on training and checking systems, refer to the AMC/GM documents for Parts 119 and 121, available on the CASA website, and AC 119-11 – Training and checking systems⁶.</p> <p>Some provisions in the flight operations CASR Parts will be deferred. For information about deferred provisions, refer to AC 1-03 – Transitioning to the new flight operations regulations, available on the CASA website.</p>
82.1.4	Obligations in relation to flight crew requirements	—			—			Refer to the entries for subsection 8 and Appendix 4 to CAO 82.3.
82.1.5	Obligations in relation to foreign registered aircraft	Subpart 121.K	Equipment	Chapter 11 Division 6 (11.24, 11.25)	—			<p>Some provisions in the flight operations CASR Parts will be deferred. For deferral requirements regarding the fitment of an approved TAWS, refer to the Part 121 MOS section 11.24 (2), (3) and (4).</p> <p>For further information about deferred provisions, refer to AC 1-03 – Transitioning to the new flight operations regulations, available on the CASA website.</p> <p>Other provisions 119.260 Maximum period for use of foreign registered aircraft in Australian territory</p>
		121.775	Terrain awareness and warning system <i>(aeroplanes to which Subpart 121.Z applies)</i>					
82.1.6	Obligations in relation to operating different aircraft models	121.520	Application of Division 121.N.2					<p>For an operator who assigns, or is likely to assign, a flight crew member to duty on aeroplanes of more than one type rating for Part 121 operations, regulation 121.525 of CASR prescribes requirements for inclusion in the operator's exposition.</p> <p>Part 121 also contains requirements for cabin crew assigned to duty on different aeroplane types. Refer to Division 121.P.3—Operation of aeroplanes of different aeroplane types.</p> <p>Other provisions 121.530 Credit for checks, qualifications, training and experience</p>
		121.525	Assignment of flight crew to aeroplanes of different type ratings					
		121.485	Competence					
82.1.7	Obligations in relation to AOC Holder's Safety Questionnaire	—			—			

⁶ At the time of publication of this document, this AC is under development. Once published, it will be available from the CASA website.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
Appendix 1	Facilities and documentation	119.040	Required material for reference library		—			Other provisions Section 28 of the <i>Civil Aviation Act 1998</i> 119.070 Conditions for issue
		119.205	Content of exposition					
		119.215	Providing personnel with exposition					
		Subpart 119.J	Records and documents					
Appendix 2	Training and checking organisation	119.036	Required position—head of training and checking		—			Regulation 119.170 of CASR prescribes that a training and checking system must include a description of how training and checking is conducted, competence is assessed, an auditable system for maintaining records and other procedures. The operator's exposition must include information about plans, processes, procedures, programs and systems, which may be set out in one or more operator manuals. Other provisions 119.225 Personnel training and checking records—making records 119.230 Personnel training and checking records—availability of records 121.680 Training facilities and devices Part 121 MOS Chapter 13 Division 3 (new provisions relating to training facilities and devices (other than those approved under Part 60 of CASR)).
		119.150	Head of training and checking—responsibilities					
		119.205	Content of exposition					
		119.215	Providing personnel with exposition					
Appendix 3	Directions relating to carriage and use of automatic dependent surveillance – broadcast equipment	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
Appendix 3A	Standards for Mode S transponder equipment	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
Appendix 4	ADS-B	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
82.3 Conditions on air operators' certificates authorising RPT in other than high capacity aircraft								
82.3.1A	Application of conditions	—			—			
82.3.1B	Interpretation	—			—			
82.3.2	Obligations in relation to organisation and facilities	119.110	Organisation and personnel		—			Section 28 of the <i>Civil Aviation Act 1998</i> prescribes matters in relation to organisation and facilities. The position previously titled 'chief pilot' is referred to as the 'head of flying operations'. Part 119 of CASR prescribes the qualifications and experience of the head of flying operations and the responsibilities of the position. Refer to the
		119.190	Safety management system requirements					



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
		119.170	Training and checking system				following regulations: <ul style="list-style-type: none"> • 119.135 Head of flying operations—qualifications and experience • 119.140 Head of flying operations—responsibilities • 119.165 Key personnel—additional qualification and experience requirements. Other provisions 119.070 Conditions for issue 119.130 Chief executive officer—responsibilities and accountabilities 119.140 Head of flying operations—responsibilities 119.180 Training in human factors principles and non-technical skills for flight crew etc. 119.185 Training in human factors principles and non-technical skills for other operational safety-critical personnel
		119.175	Program for training and assessment in human factors principles and non-technical skills				
		Subpart 119.J	Records and documents				
		119.205	Content of exposition				
82.3.2A	Safety management system	119.035	Prescribed position—safety manager		—		Regulation 119.190 of CASR prescribes that an Australian air transport operator must have a safety management system that is appropriate for the size, nature and complexity of the operations (a new requirement for some operators).
		119.190	Safety management system requirements				
		119.195	Flight data analysis program requirements				
82.3.2AA	Obligations in relation to protection of safety information	119.195	Flight data analysis program requirements		—		
82.3.2B	SMS amendment process	119.020	Definition of <i>significant change</i>		—		Other provisions 119.205 Content of exposition (119.205(1)(m))
		Subpart 119.C	Changes relating to Australian air transport operators				
82.3.2C	Alteration of an approved SMS amendment process	119.020	Definition of <i>significant change</i>				
		Subpart 119.C	Changes relating to Australian air transport operators				
82.3.2D	HF&NTS training and assessment program amendments	119.020	Definition of <i>significant change</i>				
		Subpart 119.C	Changes relating to Australian air transport operators				
82.3.2E	HF&NTS program amendment process	119.020	Definition of <i>significant change</i>				
		Subpart 119.C	Changes relating to Australian air transport operators				
82.3.2F	Alteration of an approved HF&NTS program amendment process	119.020	Definition of <i>significant change</i>				
		Subpart 119.C	Changes relating to Australian air transport operators				



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
82.3.3	Obligations in relation to training and checking	119.170	Training and checking system		—		<p>Part 121 of CASR introduces:</p> <ul style="list-style-type: none"> simplified recency requirements for flight crew revised emergency and safety equipment training and checking requirements (annual and 3-yearly checks) new training and checking requirements for cabin crew, including for cabin crew who are carried but not required for a flight recent experience requirements for cabin crew a requirement to ensure the competence of ground support personnel. <p>Subregulation 119.170 (6) prescribes the requirement for the operator to conduct checking for flight crew on certain aeroplanes. Subregulations 121.475 (4) and 121.640 (3) prescribe that training or checking, to the extent that it involves safety equipment or emergency equipment, must be conducted by a person holding an approval under regulation 121.010.</p> <p>For guidance on training and checking systems refer to the AMC/GM documents for Parts 119 and 121, available on the CASA website, and AC 119-11 – Training and checking systems⁷.</p> <p>Other provisions</p> <p>121.145 Competence of ground support personnel (a new provision). Subpart 121.N Flight crew Subpart 121.P Cabin crew 121.705 Recent experience requirements—6 months before flight</p>
		119.205	Content of exposition				
		121.475	Composition, number, qualifications and training				
		121.640	Qualifications, experience and training				
82.3.4	Obligations in relation to maintenance	119.070	Conditions for issue		—		
		119.080	Conditions on an Australian air transport AOC				
82.3.4A	Obligation to be registered operator	119.080	Conditions on an Australian air transport AOC		—		
82.3.5	Obligations in relation to aerodromes	121.205	Aerodrome requirements		—		<p>Part 121 of CASR introduces the ability to use any aerodrome that meets the prescribed requirements, provided the operator has established the information and procedures to enable safe operations.</p> <p>Regulation 121.205 permits an approach and landing on a runway equipped with an approved visual approach slope indicator that has been inoperative for no more than 7 days before the landing. The operator's exposition must contain procedures for conducting an approach and landing on a runway with the system inoperative. Refer to subregulations 121.205 (3) and (4).</p> <p>Other provisions</p> <p>121.305 Head-up displays, enhanced vision systems and synthetic vision</p>
		121.210	Procedures to determine information about aerodromes				
		121.215	Procedures for safety at aerodromes				
		121.220	Taking off from and landing on narrow runways				
		121.515	Knowledge of route and aerodromes				

⁷ At the time of publication of this document, this AC is under development. Once published, it will be available from the CASA website.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
								systems
82.3.5A	Conditions in relation to communication services at non-controlled aerodromes	Subpart 121.K	Equipment	Chapter 11 Division 4 (11.08)	—			
82.3.6	Obligations in relation to aeroplane certification and performance	121.020	Permitted categories of aeroplanes		91.710	Flight in icing conditions—requirements for flight		Other provisions 91.095 Compliance with flight manual etc. 121.055 Compliance with flight manual 121.345 Procedures relating to ice Subpart 121.Z—Certain single-engine aeroplanes 121.760 Application of Part 135 to certain aeroplanes 121.770 Trend monitoring systems required for certain VFR flights by day 121.775 Terrain awareness and warning system (Refer to Part 135 of CASR for further equipment requirements for aeroplanes to which Subpart 121.Z applies)
		Subpart 121.F	Performance	Chapter 9	—			
82.3.7	Obligations in relation to flight category and aeroplane requirements	121.025	Aeroplane to be flown under the IFR		—			
		121.780	Aeroplane not to be flown under the VFR at night (aeroplanes to which Subpart 121.Z applies)					
82.3.8	Obligations in relation to flight crew	121.475	Composition, number, qualifications and training		—			Other provisions 91.095 Compliance with flight manual etc. 121.055 Compliance with flight manual 121.760 Application of Part 135 to certain aeroplanes
		121.765	At least 2 pilots required for certain IFR flights (aeroplanes to which Subpart 121.Z applies)					
82.3.9	Obligations in relation to single pilot operations	—			—			Regulation 121.475 of CASR prescribes that the flight crew for a Part 121 operation must include at least 2 pilots. Other provisions 121.765 At least 2 pilots required for certain IFR flights (aeroplanes to which Subpart 121.Z applies)
82.3.9A	Obligations in relation to international carriage of a copy of the AOC	121.095	Carriage of documents—flights that begin or end outside Australian territory	Chapter 3 Division 1 (3.02)	—			



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
82.3.10	Obligations in relation to foreign registered aircraft	Subpart 121.K	Equipment	Chapter 11 Division 6 (11.24, 11.25)	—			<p>Some provisions in the flight operations CASR Parts will be deferred. For deferral requirements regarding the fitment of an approved TAWS, refer to the Part 121 MOS 11.24 (2), (3) and (4).</p> <p>For information about deferred provisions, refer to AC 1-03 – Transitioning to the new flight operations regulations, available on the CASA website.</p> <p>Other provisions 119.260 Maximum period for use of foreign registered aircraft in Australian territory</p>
82.3.11	Obligations in relation to AOC Holder's Safety Questionnaire	—			—			
Appendix 1	Facilities and documentation	119.040	Required material for reference library		—			<p>Other provisions Section 28 of the <i>Civil Aviation Act 1998</i> 119.070 Conditions for issue</p>
		119.205	Content of exposition					
		119.215	Providing personnel with exposition					
		Subpart 119.J	Records and documents					
		119.195	Flight data analysis program requirements					
Appendix 2	Training and checking organisations	119.036	Required position—head of training and checking		—			<p>Regulation 119.170 of CASR prescribes that a training and checking system must include a description of how training and checking is conducted, competence is assessed, an auditable system for maintaining records and other procedures. The operator's exposition must include information about plans, processes, procedures, programs and systems, which may be set out in one or more operator manuals.</p> <p>If the operator has a contract with a person to conduct training or checking for the operator, the training and checking system must include certain details. Refer to paragraph 119.170 (2) (e).</p> <p>Other provisions 119.230 Personnel training and checking records—availability of records 119.145 Head of training and checking—qualifications and experience 119.150 Head of training and checking—responsibilities 121.145 Competence of ground support personnel (a new provision). Subpart 121.N Flight crew Subpart 121.P Cabin crew 121.755 Emergency evacuation procedures Part 121 MOS Chapter 14</p>
		119.170	Training and checking system					
		119.205	Content of exposition					
		119.215	Providing personnel with exposition					
		119.225	Personnel training and checking records—making records					



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
		121.680	Training facilities and devices	Chapter 13 Division 3				Regulation 121.680 is a new provision relating to training facilities and devices (other than devices approved under Part 60 of CASR).
Appendix 3	Standards for aerodromes to be used by aeroplanes with MTOW of not more than 5,700 kg	—			—			Refer to the entries for subsection 5.
Appendix 4	1 Qualifications of pilots in command	121.495	Pilot in command		—			The operator's exposition must include the minimum flying experience for all aeroplanes operated by the operator. Other provisions 121.565 Command training requirements
	2 Qualifications of co-pilots	121.500 121.505	Co-pilots Cruise relief co-pilots		—			
Appendix 5	1 Landing gear warning	—			—			
	2 Propeller feathering systems	—			—			
	3 Powerplant fire protection	—			—			
Appendix 6	Directions relating to carriage and use of automatic dependent surveillance – broadcast equipment	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
Appendix 6A	Standards for Mode S transponder equipment	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
Appendix 7	ADS-B	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
82.5 Conditions on air operators' certificates - RPT in high capacity aircraft								
82.5.1A	Application of conditions							
82.5.1B	Interpretation	—			—			
82.5.2	Obligations in relation to organisation and facilities	119.110	Organisation and personnel		—			Section 28 of the <i>Civil Aviation Act 1998</i> prescribes matters in relation to organisation and facilities. Other provisions 119.070 Conditions for issue 119.130 Chief executive officer—responsibilities and accountabilities 119.135 Head of flying operations—qualifications and experience 119.140 Head of flying operations—responsibilities 119.180 Training in human factors principles and non-technical skills for flight crew etc. 119.185 Training in human factors principles and non-technical skills for other
		119.190	Safety management system requirements					
		119.170	Training and checking system					
		119.175	Program for training and assessment in human factors principles and non-technical skills					
		Subpart 119.J	Records and documents					



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
		119.205	Content of exposition				operational safety-critical personnel
82.5.2A	Safety management system	119.035	Prescribed position—safety manager		—		
		119.190	Safety management system requirements				
		119.195	Flight data analysis program requirements				
82.5.2AA	Obligations in relation to protection of safety information	—			—		Other provisions 119.195 Flight data analysis program requirements
82.5.2B	SMS amendment process	119.020	Definition of <i>significant change</i>		—		Other provisions 119.205 Content of exposition (119.205(1)(m))
		Subpart 119.C	Changes relating to Australian air transport operators				
82.5.2C	Alteration of an approved SMS amendment process	119.020	Definition of <i>significant change</i>		—		Other provisions 119.205 Content of exposition (119.205(1)(m))
		Subpart 119.C	Changes relating to Australian air transport operators				
82.5.2D	HF&NTS training and assessment program amendments	119.020	Definition of significant change		—		Other provisions 119.205 Content of exposition (119.205(1)(m))
		Subpart 119.C	Changes relating to Australian air transport operators				
82.5.2E	HF&NTS program amendment process	119.020	Definition of significant change		—		Other provisions 119.205 Content of exposition (119.205(1)(m))
		Subpart 119.C	Changes relating to Australian air transport operators				
82.5.2F	Alteration of an approved HF&NTS program amendment process	119.020	Definition of significant change		—		Other provisions 119.205 Content of exposition (119.205(1)(m))
		Subpart 119.C	Changes relating to Australian air transport operators				
82.5.3	Obligations in relation to training and checking	119.170	Training and checking system		—		Part 121 of CASR introduces: <ul style="list-style-type: none"> simplified recency requirements for flight crew revised emergency and safety equipment training and checking requirements (annual and 3-yearly checks) new training and checking requirements for cabin crew, including for cabin crew who are carried but not required for a flight recent experience requirements for cabin crew a requirement to ensure the competence of ground support personnel. For guidance on training and checking systems, refer to the AMC/GM documents
		119.205	Content of exposition				
		121.475	Composition, number, qualifications and training				



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR	Part 91 MOS	Comments
		121.640	Qualifications, experience and training				for Parts 119 and 121 and AC 119-11 – Training and checking systems ⁸ . Other provisions 121.145 Competence of ground support personnel (a new provision). Subpart 121.N Flight crew Subpart 121.P Cabin crew 121.705 Recent experience requirements—6 months before flight
82.5.4	Obligations in relation to maintenance	119.070	Conditions for issue		—		Paragraph 119.070 (1) (f) prescribes as a condition for the issue of an AOC that the arrangements for managing continuing airworthiness comply with these Regulations (<i>these Regulations</i> includes CASR and CAR). Other provisions 119.080 Conditions on an Australian air transport AOC
82.5.4A	Obligation to be registered operator	119.080	Conditions on an Australian air transport AOC		—		
82.5.5	Obligations in relation to aerodromes	121.205	Aerodrome requirements		—		Part 121 of CASR introduces the ability to use any aerodrome that meets the prescribed requirements, provided the operator has established the information and procedures to enable safe operations. Regulation 121.205 permits an approach and landing on a runway equipped with an approved visual approach slope indicator that has been inoperative for no more than 7 days before the landing. The operator's exposition must contain procedures for conducting an approach and landing on a runway with the system inoperative. Refer to subregulations 121.205 (3) and (4). Other provisions 121.305 Head-up displays, enhanced vision systems and synthetic vision systems
		121.210	Procedures to determine information about aerodromes				
		121.220	Taking off from and landing on narrow runways				
		121.515	Knowledge of route and aerodromes				
82.5.5A	Conditions in relation to communication services at non-controlled aerodromes	—			—		
82.5.6	Obligations in relation to aeroplane certification and performance	121.020	Permitted categories of aeroplanes		—		Other provisions 91.095 Compliance with flight manual etc. 121.055 Compliance with flight manual
		Subpart 121.F	Performance	Chapter 9			
82.5.7	Obligations in relation to flight category and aeroplane requirements	121.025	Aeroplane to be flown under the IFR		—		

⁸ At the time of publication of this document, this AC is under development. Once published, it will be available from the CASA website.



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
82.5.8	Obligations in relation to flight crew	121.475	Composition, number, qualifications and training		—			
82.5.9	Obligations in relation to route and area qualifications	121.485	Competence		—			Other provisions 121.130 Information about search and rescue services (a new requirement). 121.135 Information about emergency and survival equipment (a new requirement).
		121.515	Knowledge of route and aerodromes					
82.5.9A	Obligations in relation to international carriage of a copy of the AOC	121.095	Carriage of documents—flights that begin or end outside Australian territory, MOS	Chapter 3 Division 1 (3.02)	—			
82.5.10	Obligations in relation to foreign registered aircraft	Subpart 121.K	Equipment	Chapter 11 Division 6 (11.24, 11.25)	—			Other provisions 119.260 Maximum period for use of foreign registered aircraft in Australian territory
82.5.11	Obligations in relation to AOC Holder's Safety Questionnaire	—			—			
82.5.12	Obligation to preserve cockpit voice recorder and flight data recorder records	—			91.650	Flight recorders—preserving recordings of immediately reportable matters		Regulation 91.650 prescribes that aircraft fitted with an operative flight data recorder, operative cockpit voice recorder or operative combination recorder are required to preserve recordings of immediately reportable matters. The recorder must also be preserved. The length of the retention time has reduced. Other provisions Subpart 121.K Equipment Part 121 MOS Chapter 11 Division 7 91.645 Availability of instructions for flight data and combination recorders
Appendix 1	Facilities and documentation	119.040	Required material for reference library		—			Other provisions Section 28 of the <i>Civil Aviation Act 1998</i> 119.070 Conditions for issue
		119.205	Content of exposition					
		119.215	Providing personnel with exposition					
		Subpart 119.J	Records and documents					
Appendix 1A		—			—			Other provisions 119.195 Flight data analysis program requirements
Appendix 2	Training and checking organisation	119.036	Required position—head of training and checking		—			Regulation 119.170 of CASR prescribes that a training and checking system must include a description of how training and checking is conducted, competence is assessed, an auditable system for maintaining records and other procedures. The operator's exposition must include information about plans, processes, procedures, programs and systems, which may be set out in one or more
		119.145	Head of training and checking—qualifications and experience					



Civil Aviation Orders		Part 121 of CASR / Part 119 of CASR		Part 121 MOS	Part 91 of CASR		Part 91 MOS	Comments
		119.150	Head of training and checking—responsibilities					operator manuals.
		119.170	Training and checking system					<p>If the operator has a contract with a person to conduct training or checking for the operator, the training and checking system must include certain details. Refer to paragraph 119.170 (2) (e).</p> <p>Other provisions</p> <p>119.230 Personnel training and checking records—availability of records 121.145 Competence of ground support personnel (a new provision). Subpart 121.N Flight crew Subpart 121.P Cabin crew Subpart 121.V—Emergency evacuation procedures</p>
		119.205	Content of exposition					
		119.215	Providing personnel with exposition					
		119.225	Personnel training and checking records—making records					
		121.680	Training facilities and devices	Chapter 13 Division 3	—			
Appendix 3	Operations manual	119.205	Content of exposition		—			The operator's exposition must include information about plans, processes, procedures, programs and systems, which may be set out in one or more operator manuals.
Appendix 4	Directions relating to carriage and use of automatic dependent surveillance – broadcast equipment	Subpart 121.K	Equipment	Chapter 11 Division 13	—			
Appendix 4A	Standards for Mode S transponder equipment	Subpart 121.K	Equipment	Chapter 1 Division 13	—			
Appendix 5	ADS-B	Subpart 121.K	Equipment	Chapter 11 Division 13	—			