

ANNEX E

Current versus future overall aerial work map

The following tables show direct operational provisions related to each task under the CAR/CAOs compared to the proposed future requirements in the CASRs. General provisions such as requirements for an operator to be certified, flight and operational rules, operations manual content, training and checking requirements or other ancillary safety requirements such as additional conditions added to permissions and exemptions issued under the current legislation, are not included.

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Aerial photography			
– still and motion	Task specialist	No specific CAOs or exemptions issued unless low flying / flying below LSALT is involved or flight over public gatherings. <ul style="list-style-type: none"> • If over public gatherings, then CAR 156(1) and (2) permissions are required. • If low flying, then a CAR 157(4)(b) permission is required. • If filming or photo ops on skids, then a CAR 250(2) and (3) permission required (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	If flying below minimum specified heights / low flying: <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS sections 9.02, 9.21 and 9.22 (if low flying). For risk assessments: <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.05 (if applicable). If using harnesses: <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. If operating off skids as an external load operation: <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS Chapter 15.
– low level filming	Task specialist	No specific CAOs or exemptions issued unless low flying / flying below LSALT is involved or flight over public gatherings. <ul style="list-style-type: none"> • If over public gatherings, then CAR 156(1) and (2) permissions are required. 	If flying below minimum specified heights / low flying: <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS sections 9.02, 9.12 and 9.22 (if low flying).

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If filming off-skids, then a CAR 250(2) and (3) permission required (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.05 (if applicable). <p>If using harnesses:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>If operating off skids as an external load operation:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS Chapter 15.
<p>- media operations</p>	<p>Task specialist</p>	<p>CAO 82.6 if using NVIS.</p> <ul style="list-style-type: none"> • If over public gatherings, then CAR 156(1) and (2) permissions are required. • If low flying, then a CAR 157(4)(b) permission is required. • If filming on skids, then a CAR 250(2) and (3) permission required (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). • If ops below LSALT at night then a CAR 174B(4) permission. 	<p>If flying below minimum specified IFR and NVFR heights:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS sections, 9.03 and 9.04 (if applicable). <p>If flying below minimum specified heights over populous areas and generally:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS sections 9.02, 9.21 and 9.22 (if low flying). <p>If aerial work passengers are being carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01, 11.01 and 11.03. <p>If NVIS being used:</p> <ul style="list-style-type: none"> • Regulation 138.350 and

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
			<p>subordinate MOS section 12.01.</p> <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.05 (if applicable). <p>If using harnesses:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>If operating off skids as an external load operation:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS Chapter 15.

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Aerial Spotting			
<p>- fire</p>	<p>Task specialist</p>	<p>CAO 82.6 if using NVIS.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If spotting off skids, then a CAR 250(2) and (3) permission required (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). • If ops below LSALT at night then a CAR 174B(4) permission. 	<p>If operating below specified minimum heights under IFR or NVFR:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS sections 9.03 (if below IFR / NVFR minimum height), and 9.04 (if applicable). <p>If low flying (general):</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers are being carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01, 11.01, 11.02 (if applicable) and 11.03 (if applicable). <p>If using NVIS:</p> <ul style="list-style-type: none"> • Regulation 138.350 and subordinate MOS section 12.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.05 (if applicable). <p>If using harnesses:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>If operating off skids as an external load operation:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
– marine/fish	Task specialist	<p>No specific CAOs or exemptions issued unless low flying / flying below LSALT is involved or flight over public gatherings.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>MOS Chapter 15.</p> <p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers are carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>If using NVIS:</p> <ul style="list-style-type: none"> • Regulation 138.350 and subordinate MOS section 12.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>If using harnesses:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02.
– flood	Task specialist	<p>No specific CAOs or exemptions issued unless low flying / flying below LSALT is involved or flight over public gatherings.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers are carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>If using harnesses:</p>

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
- flora	Task specialist	<p>No specific CAOs or exemptions issued unless low flying / flying below LSALT is involved or flight over public gatherings.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers are carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>If using harnesses:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02.
- fauna	Task specialist	<p>No specific CAOs or exemptions issued unless low flying / flying below LSALT is involved or flight over public gatherings.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers are carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>If using harnesses:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02.

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Aerial Surveying			
– geochemical/sampling	Task specialist	<p>No specific CAOs or exemptions.</p> <p>Sampling technicians if carried must be members of the operating crew.</p>	<p>If aerial work passengers are carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01, 11.01, 11.02 (if IFR) and 11.03 / 11.04 (if NVFR). <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>If task specialists are used:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).
– geo/magno/spectro/seismic	<p>Task specialist</p> <p>External load</p>	<p>No specific CAOs or exemptions issued unless low flying.</p> <p>Technical personnel must be members of the operating crew.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If detection equipment carried as a sling load, then CAO 29.6 (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02.

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
			<ul style="list-style-type: none"> • If task specialist carried: • Division 138.P.2 and subordinate MOS (Chapter 27). <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2.
<p>– environmental studies</p>	<p>Task specialist</p>	<p>No specific CAOs or exemptions issued unless low flying.</p> <p>Technical personnel must be members of the operating crew.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If detection equipment carried as a sling load, then CAO 29.6 (rotorcraft). • If deplaning or enplaning off skids, then CAR 250(2) and (3) permission required (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and if doing hover exits 13.03. <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For hover exits:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS section 15.06. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
– pipeline inspection	Task specialist	<p>No specific CAOs or exemptions issued unless low flying.</p> <p>Technical personnel must be members of the operating crew.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If detection equipment carried as a sling load, then CAO 29.6 (rotorcraft). • If deplaning or enplaning off skids, then CAR 250(2) and (3) permission required (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>MOS (Chapter 27).</p> <p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and if doing hover exits 13.03. <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For hover exits:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS section 15.06. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).
– property survey	Task specialist	<p>No specific CAOs or exemptions issued unless low flying.</p> <p>Technical personnel must be members of the operating crew.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<p>permission is required.</p> <ul style="list-style-type: none"> • If detection equipment carried as a sling load, then CAO 29.6 (rotorcraft). • If deplaning or enplaning off skids, then CAR 250(2) and (3) permission required (rotorcraft). • If using harnesses, then a CAR 251(3) and (9) permission required (rotorcraft). 	<p>subordinate MOS sections 2.01 and 11.01.</p> <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and if doing hover exits 13.03. <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For hover exits:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS section 15.06. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Aerial Agriculture / Aerial Application operations			
Part 137 of CASR interactions and overlap with Part 138 of CASR and Part 91 of the CASR are still being refined and will be the subject of further consultation			
Aerial Application (fixed-wing operations under Part 137 of CASR)	Nil – they are aerial application under Part 137 of CASR	Part 137 of CASR	
Aerial Application/Dispensing			
Aerial Agriculture operations (helicopter operations under CAO 20.21) including seeding, chemical or fertiliser spreading, spraying, pest control.	They could either: <ol style="list-style-type: none"> 1. be aerial application under Part 137 of CASR or 2. For other than spraying, be a combination of dispensing, task specialist or external load under Part 138 of CASR 	CAO 20.21 for rotorcraft agricultural operations. CAO 29.6 for sling load operations. If low flying, then a CAR 157(4)(b) permission is required. Loading area direction under CAR 235(7) required.	

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Dropping			
<p>- water and fire retardant</p>	<p>They could either:</p> <ol style="list-style-type: none"> 1. Be dispensing under Part 138 of CASR <p>or</p> <ol style="list-style-type: none"> 2. Be aerial application under Part 137 of CASR 	<p>CAO 29.5 includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping.</p> <p>CAO 29.6 for sling load operations.</p> <p>CAO 95.7.2 for sling loading from large transport category rotorcraft.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • Loading area direction under CAR 235(7) required • Part 137 of CASR Aerial Application for aeroplane operations. 	<p>For transport category rotorcraft the HV curve exception to the flight manual: Regulation 138.210 and subordinate MOS section 8.02.</p> <p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2. <p>For dispensing:</p> <ul style="list-style-type: none"> • Regulation 138.425 and subordinate MOS section 16.02.
<p>- incendiaries - bushfire control</p>	<p>Dispensing / task specialist / external load</p>	<p>CAO 29.5 includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping.</p> <p>Dispatcher must be carried as operating crew.</p> <p>CAO 29.6 for sling load operations.</p>	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<p>CAO 95.7.2 for sling loading from large transport category rotorcraft.</p> <ul style="list-style-type: none"> • If operation on skids is needed, then a CAR 250(2) and (3) permission required. • If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	<p>MOS section 14.02.</p> <p>For carriage on skids:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. <p>For dispensing:</p> <ul style="list-style-type: none"> • Regulation 138.425 and subordinate MOS section 16.02. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27). <p>For external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2.
<p>– food and fodder relief</p>	<p>Dispensing / task specialist</p>	<p>CAO 29.5 includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping.</p> <p>Dispatcher must be carried as operating crew.</p> <ul style="list-style-type: none"> • If operation on skids is needed, then a CAR 250(2) and (3) permission required. • If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. <p>For dispensing:</p>

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
			<ul style="list-style-type: none"> Regulation 138.425 and subordinate MOS section 16.02. <p>If task specialist carried:</p> <ul style="list-style-type: none"> Division 138.P.2 and subordinate MOS (Chapter 27).
– messages	Dispensing / task specialist	<p>CAO 29.5 includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping.</p> <p>Dispatcher must be carried as operating crew.</p> <ul style="list-style-type: none"> If operation on skids is needed, then a CAR 250(2) and (3) permission required. If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	<p>If low flying:</p> <ul style="list-style-type: none"> Regulation 138.275 and subordinate MOS section 9.02. <p>For risk assessments:</p> <ul style="list-style-type: none"> Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For a harness:</p> <ul style="list-style-type: none"> Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> Regulation 138.390 and subordinate MOS chapter 15. <p>For dispensing:</p> <ul style="list-style-type: none"> Regulation 138.425 and subordinate MOS section 16.02. <p>If task specialist carried:</p> <ul style="list-style-type: none"> Division 138.P.2 and subordinate MOS (Chapter 27).
– lifesaving (equipment/ personnel)	Dispensing / task specialist	<p>CAO 29.5 includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping.</p>	<p>If low flying (general):</p> <ul style="list-style-type: none"> Regulation 138.275 and subordinate MOS section 9.02.

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<p>CAO 95.23 for offshore search and rescue operations.</p> <p>Dispatcher must be carried as operating crew.</p> <p>If operating below LSALT under the IFR then an exemption from CAR 178 is needed.</p> <ul style="list-style-type: none"> • If operation on skids is needed, then a CAR 250(2) and (3) permission required. • If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	<p>If operating below minimum IFR or NVFR height (general):</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS chapter 9 division 2. <p>If offshore search and rescue:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS chapter 9 division 3. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. <p>For dispensing:</p> <ul style="list-style-type: none"> • Regulation 138.425 and subordinate MOS section 16.02. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).
<p>– seeds/fertiliser - forestry purposes</p>	<p>They could either be:</p> <ol style="list-style-type: none"> 1. For other than spraying a combination of dispensing / task specialist / external 	<p>CAO 29.5 includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping.</p> <p>CAO 29.6 for sling load operations.</p>	<p>If low flying: Regulation 138.275 and subordinate MOS section 9.02.</p> <p>For risk assessments: Regulation 138.370 and subordinate</p>

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
	<p>load under Part 138 of CASR</p> <p>or</p> <p>2. Be aerial application under Part 137 of CASR</p>	<p>Dispatcher must be carried as operating crew.</p> <p>If operation on skids is needed, then a CAR 250(2) and (3) permission required.</p> <ul style="list-style-type: none"> • If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. • Part 137 of CASR Aerial Application for aeroplanes. 	<p>MOS sections 13.01 and 13.02.</p> <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. <p>For dispensing:</p> <ul style="list-style-type: none"> • Regulation 138.425 and subordinate MOS section 16.02. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27). <p>For External load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2.
<p>- oil or chemical spill dispersal</p>	<p>They could either:</p> <p>1. For other than spraying be, dispensing under Part 138 of CASR</p> <p>or</p> <p>2. Be aerial application under Part 137 of CASR</p>	<p>CAO 20.21 if conducted as a helicopter agricultural operation.</p> <p>CAO 29.5 if a dropping operation which includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping.</p> <p>CAO 29.6 for sling load operations.</p> <p>Part 137 of CASR for aeroplane operations</p>	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2. <p>For dispensing:</p>

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Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
			<ul style="list-style-type: none"> • Regulation 138.425 and subordinate MOS section 16.02.

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Powerline			
– stringing	External load (class C)	CAO 29.6 for sling load operations. <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is needed. • If picking up objects, then a CAR 151(3) authorisation is needed. 	If low flying: <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. For risk assessments: <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.04 (if applicable). For additional requirements for external load operations: <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2.
– cleaning (dependent on technique used)	External load (class D when task specialist is carried on platform or positioned on skids) and dispensing	CAO 29.5 includes an embedded CAR 150(2)(a) direction and a low flying permission under CAR 157(4)(b) for dropping. CAO 29.6 for sling load operations. Dispatcher must be carried as operating crew. <ul style="list-style-type: none"> • If operation on skids is needed, then a CAR 250(2) and (3) permission required. • If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	If low flying: <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. For risk assessments: <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.03 (if applicable). For a harness: <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. For carriage on skids: <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. For dispensing: <ul style="list-style-type: none"> • Regulation 138.425 and subordinate

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
			<p>MOS section 16.02.</p> <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27). <p>For external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2.
<p>– inspection (if done by camera or from within the rotorcraft)</p>	<p>Task specialist</p>	<p>Inspection crew must be carried as operating crew.</p> <ul style="list-style-type: none"> • If low flying is needed, then a CAR 157(4)(b) permission is required. 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).
<p>– inspection (if done with a person on a platform or suspended from a belly hook)</p>	<p>Task specialist and external load (class D)</p>	<p>Inspection crew must be carried as operating crew.</p> <ul style="list-style-type: none"> • If low flying is needed, then a CAR 157(4)(b) permission is required. • If operation on skids is needed, then a CAR 250(2) and (3) permission required. 	<p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.03 (if applicable).

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<ul style="list-style-type: none"> If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	<p>For a harness:</p> <ul style="list-style-type: none"> Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> Regulation 138.390 and subordinate MOS chapter 15. <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> Regulation 138.410 and subordinate MOS chapter 15 division 2. <p>If task specialist carried:</p> <ul style="list-style-type: none"> Division 138.P.2 and subordinate MOS (Chapter 27).

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Rappelling			
<p>- personnel</p>	<p>External load (class D)</p>	<p>CAO 29.11 for picking up persons or objects includes an embedded CAR 151(3) permission.</p> <p>CAO 82.6 for operations using NVIS.</p> <p>CAO 95.7.2 contains a HV curve exemption for large helicopters.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If operating below the NVFR minimum height then a CAR 174B(4) permission is required. • If operating below the LSALT for IFR then an exemption against CAR 178 is required. • If operation on skids is needed, then a CAR 250(2) and (3) permission required. • If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	<p>If low flying or operating below minimum IFR or NVFR height (general):</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS chapter 9. <p>ESO personnel carried as aerial work passengers:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS chapters 2 and 11. <p>If using NVIS:</p> <ul style="list-style-type: none"> • Regulation 138.350 and subordinate MOS chapter 12. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.03 (if applicable). <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2. <p>ESO personnel carried as task</p>

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
			specialists: <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
Other			
– aerial stock mustering	Task specialist	CAO 29.10 includes an embedded CAR 157(4)(b) permission for low flying.	<p>If low flying:</p> <ul style="list-style-type: none"> Regulation 138.275 and subordinate MOS section 9.25. <p>For risk assessments:</p> <ul style="list-style-type: none"> Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For additional requirements for a mustering task specialist operation:</p> <ul style="list-style-type: none"> Regulation 138.500 and subordinate MOS chapter 17 division 2.
– aerial stock mustering training	Task specialist	As above	As above
– ambulance functions	Nil – transferred to Part 119 medical transport		
– feral and diseased animal control	Depends on activity	<p>Nil specific CAOs or exemptions.</p> <p>If firearms carried, then a CAR 143(3) permission is required.</p> <ul style="list-style-type: none"> If firearms are discharged, then a CAR 144(3) permission is required. If baits are dropped, then a CAR 150(2) permission is required. If low flying, then a CAR 157(4)(b) permission is required. 	<p>If low flying:</p> <ul style="list-style-type: none"> Regulation 138.275 and subordinate MOS section 9.02. <p>For risk assessments:</p> <ul style="list-style-type: none"> Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For a harness:</p> <ul style="list-style-type: none"> Regulation 138.375 and subordinate MOS section 14.02.

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<ul style="list-style-type: none"> • If operation on skids is needed, then a CAR 250(2) and (3) permission required. • If the dispatcher is using a harness, then a CAR 251(3) and (9) permission is required. 	<p>For carriage on skids:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. <p>For dispensing:</p> <ul style="list-style-type: none"> • Regulation 138.425 and subordinate MOS section 16.02. <p>For additional requirements for task specialist operations:</p> <ul style="list-style-type: none"> • Regulation 138.420 and subordinate MOS chapter 17 division 3. <p>If task specialist carried:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).
– frost protection	Task specialist	<p>Nil specific CAOs or exemptions. If low flying, then a CAR 157(4)(b) permission is required. If operations below NVFR minimum height then a CAR 174B(4) permission is required.</p>	<p>If low flying and / or conducting operations below specified minimum heights:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS sections 9.02, 9.03. and 9.04(if applicable). <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01 and 13.02.
– search and rescue	Task specialist/external load class D	<p>CAO 29.11 for picking up persons or objects includes an embedded CAR 151(3) permission.</p> <p>CAO 82.6 for operations using NVIS.</p>	<p>If low flying or operating below minimum IFR or NVFR height (general):</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS chapter 9.

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<p>CAO 95.7.2 contains a HV curve exemption for large helicopters.</p> <p>CAO 95.23 for offshore aeroplane operations below LSALT.</p> <p>If low flying, then a CAR 157(4)(b) permission is required.</p> <p>If operating below the NVFR minimum height then a CAR 174B(4) permission is required.</p> <p>If operating below the LSALT for IFR then an exemption against CAR 178 is required.</p> <p>If operation on skids is needed, then a CAR 250(2) and (3) permission required.</p> <ul style="list-style-type: none"> If personnel are using harnesses, then a CAR 251(3) and (9) permission is required. 	<p>Personnel carried as aerial work passengers:</p> <ul style="list-style-type: none"> Regulation 138.310 and subordinate MOS chapters 2 and 11. <p>If using NVIS:</p> <ul style="list-style-type: none"> Regulation 138.350 and subordinate MOS chapter 12. <p>For risk assessments:</p> <ul style="list-style-type: none"> Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.03. <p>For a harness:</p> <ul style="list-style-type: none"> Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> Regulation 138.390 and subordinate MOS chapter 15. <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> Regulation 138.410 and subordinate MOS chapter 15. <p>ESO personnel carried as task specialists:</p> <ul style="list-style-type: none"> Division 138.P.2 and subordinate MOS (Chapter 27).
– sling load operations	External load (class B)	CAO 29.6 for sling load operations.	For transport category rotorcraft the HV curve exception to the flight manual:

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<p>CAO 95.7.2 for the HV exception for large helicopter operations.</p> <ul style="list-style-type: none"> • If picking up persons or objects, then a CAR 151(3) permission is required. • If low flying, then a CAR 157(4)(b) permission is required. 	<ul style="list-style-type: none"> • Regulation 138.210 and subordinate MOS section 8.02. <p>If low flying:</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS section 9.02. <p>If aerial work passengers carried:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS sections 2.01 and 11.01. <p>For risk assessments:</p> <ul style="list-style-type: none"> • Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.04 (if applicable). <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15 division 2.
<p>- surveillance</p>	<p>Task specialist</p>	<p>CAO 82.6 for operations using NVIS.</p> <p>CAO 95.23 for offshore aeroplane operations below LSALT.</p> <p>Additional personnel must be operating crew.</p> <ul style="list-style-type: none"> • If low flying, then a CAR 157(4)(b) permission is required. • If operating below the NVFR minimum height then a CAR 174B(4) permission 	<p>If low flying or operating below minimum IFR or NVFR height (general):</p> <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS chapter 9. <p>Personnel carried as aerial work passengers:</p> <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS chapters 2 and 11. <p>If using NVIS:</p>

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<p>is required.</p> <ul style="list-style-type: none"> If operating below the LSALT for IFR then an exemption against CAR 178 is required. 	<ul style="list-style-type: none"> Regulation 138.350 and subordinate MOS chapter 12. <p>For risk assessments:</p> <ul style="list-style-type: none"> Regulation 138.370 and subordinate MOS sections 13.01, 13.02 and 13.03 (if applicable). <p>For a harness:</p> <ul style="list-style-type: none"> Regulation 138.375 and subordinate MOS section 14.02. <p>ESO personnel carried as task specialists:</p> <ul style="list-style-type: none"> Division 138.P.2 and subordinate MOS (Chapter 27).
<p>- target towing</p>	<p>External load (class E)</p>	<p>No specific CAOs.</p> <p>Additional personnel must be operating crew.</p> <ul style="list-style-type: none"> A towing permission under CAR 149(5) is required. A dropping permission under CAR 150(2)(a)(viii) is required. A picking up permission under CAR 151(3) is required. If low flying a CAR 157(4)(b) permission is required. 	<p>If low flying (general):</p> <ul style="list-style-type: none"> Regulation 138.275 and subordinate MOS section 9.02. <p>Personnel carried as aerial work passengers:</p> <ul style="list-style-type: none"> Regulation 138.310 and subordinate MOS chapters 2 and 11. <p>For risk assessments:</p> <ul style="list-style-type: none"> Regulation 138.370 and subordinate MOS sections 13.01 and 13.02. <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> Regulation 138.410 and

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
			subordinate MOS chapter 15 division 2. Personnel carried as task specialists: <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).
– trade operations	Nil – where the goods (cargo) are being carried for hire or reward then the operation is a cargo transport operation regulated under Part 119 as an air transport operation. If the cargo is not being carried for hire or reward then the operation would be a private operation.		
– winching/hoist.	External load (class D when a person is winched, class B when no person is on the winch)	CAO 29.11 for picking up persons or objects includes an embedded CAR 151(3) permission. CAO 82.6 for operations using NVIS. CAO 95.7.2 contains a HV curve exemption for large helicopters. <ul style="list-style-type: none"> • If low flying then a CAR 157(4)(b) permission is required. • If operating below the NVFR minimum height then a CAR 174B(4) permission is required. • If operating below the LSALT for IFR then an exemption against CAR 178 is 	If low flying or operating below minimum IFR or NVFR height (general): <ul style="list-style-type: none"> • Regulation 138.275 and subordinate MOS chapter 9. Personnel carried as aerial work passengers: <ul style="list-style-type: none"> • Regulation 138.310 and subordinate MOS chapters 2 and 11. If using NVIS: <ul style="list-style-type: none"> • Regulation 138.350 and subordinate MOS chapter 12. For risk assessments: <ul style="list-style-type: none"> • Regulation 138.370 and

CURRENT VERSUS FUTURE OVERALL AERIAL WORK MAP

Current AOCM aerial work purposes	What kind of future aerial work are they?	Current CAR / CAO	Relevant future CASR / MOS
		<p>required.</p> <ul style="list-style-type: none"> • If operation on skids is needed then a CAR 250(2) and (3) permission required. • If personnel are using harnesses then a CAR 251(3) and (9) permission is required. 	<p>subordinate MOS sections 13.01, 13.02 and 13.03.</p> <p>For a harness:</p> <ul style="list-style-type: none"> • Regulation 138.375 and subordinate MOS section 14.02. <p>For carriage on skids:</p> <ul style="list-style-type: none"> • Regulation 138.390 and subordinate MOS chapter 15. <p>For additional requirements for external load operations:</p> <ul style="list-style-type: none"> • Regulation 138.410 and subordinate MOS chapter 15. <p>ESO personnel carried as task specialists:</p> <ul style="list-style-type: none"> • Division 138.P.2 and subordinate MOS (Chapter 27).