

**Part 101 Compliance Matrix (To be used with Part 102 matrix when making application for a certificate under Part 102)**

The Rule references in this compliance matrix have been extracted from the Civil Aviation Rules system. This matrix, along with a Part 102 Compliance Matrix, is to be used as the minimum compliance requirements for an applicant for the issue or renewal of a Part 102 Unmanned Aircraft Operator Certificate.

This compliance matrix must be submitted as part of the application for an Unmanned Aircraft Operator Certificate for both initial certification and for renewal.

The purpose of the matrix is to speed up the certification process, ensure every applicable rule requirement has been addressed in the exposition. This can reduce the cost of certification by the quick location of required policies or procedures in the applicant's exposition manual suite.

**All rules have to be complied with**, but not every rule has to be addressed in the exposition. The intention of this matrix is to assist rather than instruct the applicant in an initial Part 102 application or request for renewal. If, for your operation, compliance is required with a rule not listed in the matrix, please add it to the matrix list in the space provided at the end of the matrix and identify the exposition reference.

This matrix needs to be completed by every applicant for a Part 102 Unmanned Aircraft Operator Certificate and show the exposition pages and paragraph numbers that satisfy the rules in the *Manual References / Applicant's Comments* column. Where the applicant does not meet the rule requirement but satisfies Part 102 or deems it not applicable, a reference the Part 102 matrix or an explanation of why it is not applicable, should be given in this column.

Please note ticks (✓) are **not** acceptable.

The completed matrix must accompany the exposition documents. The applicant may submit a completed matrix in a different format as long as it includes all the rule references identified below; however, there may be additional processing time required by the CAA in cross-referencing requirements.

**Applicant:** Model Flying New Zealand

**Participant ID:**

**Manuals Submitted:** Members Manual

**Rev.:**

**Dated:**

Rule reference	Manual References / Applicant's Comments	CAA Review and Comments (for CAA use only)
<b>101 Sub Part A General</b>		
<p><b>101.7 Restricted, military operating, and danger areas</b></p> <p>(a) A person must not operate an unmanned aircraft, kite, rocket, gyroglider, or parasail within a restricted area designated under Part 71 unless the person has approval to do so from the administering authority responsible for the restricted area.</p>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p>(b) A person must not operate an unmanned aircraft, kite, rocket, gyroglider, or parasail within a military operating area designated under Part 71 unless the person has approval to do so from the administering authority responsible for the military operating area.</p>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p>(c) A person must not operate a gyroglider or parasail within a danger area designated under Part 71 unless the person has established that the activity associated with the danger area will not affect the safety of the gyroglider or parasail.</p>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p><b>101.9 Low flying zones</b></p> <p>A person must not operate any of the following within a low flying zone designated under Part 71:</p> <ul style="list-style-type: none"> <li>(1) an unmanned aircraft:</li> <li>(2) a kite:</li> <li>(3) a rocket:</li> <li>(4) a gyroglider:</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	

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(5) a parasail.		
<p><b>101.11 Controlled airspace</b></p> <p>A person must not operate any of the following in controlled airspace without prior authorisation from the ATC unit responsible for that airspace unless the operation is a shielded operation:</p> <ul style="list-style-type: none"> <li>(1) an unmanned aircraft:</li> <li>(2) a kite:</li> <li>(3) a rocket:</li> <li>(4) a gyroglider:</li> <li>(5) a parasail.</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p><b>101.12 Airspace knowledge</b></p> <p>(b) A person to whom this rule applies must—</p> <ul style="list-style-type: none"> <li>(1) ensure that before each flight, the person is aware of the airspace designation under Part 71 and any applicable airspace restrictions in place in the area of intended operation; or</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<ul style="list-style-type: none"> <li>(2) conduct the operation under the direct supervision of a person who is aware of the airspace designation under Part 71 and any applicable airspace restrictions in place in the area of intended operation.</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p><b>101.13 Hazard and risk minimisation</b></p> <p>A person operating any of the following must take all</p>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	

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<p>practicable steps to minimize hazards to persons, property and other aircraft:</p> <ul style="list-style-type: none"> <li>(1) an unmanned aircraft:</li> <li>(2) a kite:</li> <li>(3) a rocket:</li> <li>(4) a gyroglider:</li> <li>(5) a parasail.</li> </ul>		
<p><b>101.15 Dropping of articles</b></p> <p>A person operating any of the following must not allow any object to be dropped in flight if such action creates a hazard to other persons or property:</p> <ul style="list-style-type: none"> <li>(1) an unmanned aircraft:</li> <li>(2) a kite:</li> <li>(3) rocket:</li> <li>(4) a gyroglider:</li> <li>(5) a parasail.</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p><b>Subpart E — Remotely Piloted Aircraft, Control Line Model Aircraft and Free Flight Model Aircraft</b></p>		
<p><b>101.201 Applicability</b></p> <p>Subject to rule 102.21, this Subpart applies to—</p> <ul style="list-style-type: none"> <li>(1) remotely piloted aircraft; and</li> </ul>	<p>Nil response required</p>	

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(2) control line model aircraft; and  (3) free flight model aircraft.		
<p><b>101.202 Approved person or organisation</b></p> <p>In this Subpart, an approved person or organisation means a person or organisation having appropriate expertise in the design, construction or operation of remotely piloted aircraft, or appropriate knowledge of airspace designations and restrictions, and who has been approved by the Director to perform one or more of the following specified functions:</p>		
(1) issuing a pilot qualification for operating remotely piloted aircraft; or	MFNZ Wings Proficiency scheme governs the appointment of examiners for Wings qualifications	
(2) appointing persons to give instruction to operators of remotely piloted aircraft; or	MFNZ Wings Proficiency scheme governs the appointment of Instructors for pilot training	
(3) authorising a person to notify the aeronautical information service provider, for the issue of a NOTAM, of remotely piloted aircraft operations; or	MFNZ Members manual stipulates those persons authorised to notify the aeronautical information service provider	
(4) authorising the construction or modification of remotely piloted aircraft greater than 15kg; or	MFNZ Large model Code of Practice is on the MFNZ website	
(5) inspecting and approving the construction of a remotely piloted aircraft greater than 15kg; or	MFNZ Large model Code of Practice is on the MFNZ website	
(6) authorising the operation of a remotely piloted aircraft greater than 15kg.	MFNZ Large model Code of Practice is on the MFNZ website	
<p><b>101.205 Aerodromes</b></p> <p>(a) A person must not operate a remotely piloted aircraft or a free flight model aircraft on or within 4 km of—</p>		
<p>(1) an uncontrolled aerodrome, unless—</p>		

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(i) the operation is undertaken in accordance with an agreement with the aerodrome operator; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(ii) in the case of a free flight model aircraft, the aircraft is launched downwind of an active runway; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(iii) in the case of a remotely piloted aircraft –  (A) each pilot has an observer in attendance while the aircraft is in flight; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(B) the aircraft is not operated at a height of more than 400 feet above ground level unless the operator has been approved by the Director to operate the aircraft above 400 feet above ground level; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(2) a controlled aerodrome, unless it is operated in accordance with an authorisation from the relevant ATC unit; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(1) any aerodrome, unless—  (i) the person—  (A) is the holder of, or is under the direct supervision of the holder of, a pilot qualification issued by an approved person or organisation; or	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(B) is under the direct supervision of a person appointed to give instruction in the operation of remotely piloted aircraft	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	

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by an approved person or organisation; or		
(C) is the holder of a pilot licence or certificate issued under Part 61 or Part 149.	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(b) A person must not operate a remotely piloted aircraft, a control line model aircraft or a free flight model aircraft—  (1) on or over any active movement area of an aerodrome; or	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(2) on or over any active runway strip area.	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
<b>101.207 Airspace</b> (a) A person operating a remotely piloted aircraft must—  (1) Unless operating in a danger area under Part 71, avoid operating –  (i) in airspace above persons who have not given consent for the aircraft to operate in that airspace; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(i) above property unless prior consent has been obtained from any persons occupying that property or the property owner; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(2) maintain observation of the surrounding airspace in which the aircraft is operating for other	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members	

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aircraft; and	manual.	
(3) not operate the aircraft at any height above 400 feet above ground level except in accordance with paragraph (c).	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(c) A person operating a remotely piloted aircraft more than 4 km from an aerodrome boundary and above 400 feet above ground level must ensure that the operation remains within Class G airspace and must—  (1) operate in a danger area designated for that purpose under Part 71; or	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(2) ensure that at least 24 hours before the operation, a person authorised by an approved person or organisation, notifies the aeronautical information service provider, for the issue of a NOTAM, of the following information:  (i) the name, address, and telephone number of the operator:  (ii) the location of the proposed operation:  (iii) the date, time and duration of the proposed operation:  (iv) the maximum height above ground level proposed for the aircraft operation.	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.  Nil response required  Nil response required  Nil response required  Nil response required	
<b>101.209 Visual line of sight operation</b>		



Rule reference	Manual References / Applicant's Comments	CAA Review and Comments (for CAA use only)
<p>(a) This rule applies to the following types of aircraft:</p> <ul style="list-style-type: none"> <li>(1) a remotely piloted aircraft:</li> <li>(2) a free flight model aircraft.</li> </ul>		
<p>(b) A person must not operate an aircraft to which this rule applies in—</p> <ul style="list-style-type: none"> <li>(1) any area in which the person's view of the surrounding airspace in which the aircraft will operate is obstructed; or</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<ul style="list-style-type: none"> <li>(2) meteorological conditions that obstruct the person's ability to maintain visual line of sight of the aircraft.</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p>(c) A person who operates an aircraft to which this rule applies must at all times—</p> <ul style="list-style-type: none"> <li>(1) maintain visual line of sight with the aircraft; and</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<ul style="list-style-type: none"> <li>(2) be able to see the surrounding airspace in which the aircraft is operating; and</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<ul style="list-style-type: none"> <li>(3) operate the aircraft below the cloud base.</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	
<p>(d) For the purposes of this rule visual line of sight means a straight line along which an observer has a clear view and which may be achieved with the use of—</p> <ul style="list-style-type: none"> <li>(1) spectacles, contact lenses, or a similar device used to correct subnormal vision of the user to no better than normal vision but not the use of an electronic, mechanical, electromagnetic, optical,</li> </ul>	<p>All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.</p>	

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or electro-optical instrument; or		
(2) a first person view system and a trained and competent observer who maintains—  (3) visual line of sight of the aircraft; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(4) sight of the surrounding airspace in which the aircraft is operating; and	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(5) direct communication with the person who is operating the aircraft.	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
<p><b>101.211 Night operations</b> A person must not operate a remotely piloted aircraft or free flight model aircraft at night unless the operation is—</p> <p>(1) indoors; or</p>	Separate Rules apply to the flying of model aircraft at night in circumstances other than indoors or shielded operations. Flying model aircraft at night is permitted at events authorised by MFNZ executive subject to submission of a satisfactory safety assessment. The rules are on the MFNZ website.	
(2) a shielded operation.	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
<p><b>101.213 Right of way</b> (a) A person who is operating a remotely piloted aircraft or a control line model aircraft must ensure the aircraft that the person is operating gives way to, and remains clear of, all manned aircraft on the ground and in flight.</p> <p><b>101.215 Aircraft mass limits</b> (a) A person must not operate a remotely piloted aircraft, a control line model aircraft or a free flight model aircraft with a gross mass of more than 25 kg.</p>	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
(b) A person must not operate a remotely piloted aircraft with a gross mass of between 15 kg and 25 kg unless the	All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	

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aircraft, and any modification made to it, is—  (1) constructed under the authority of, or inspected and approved by, an approved person or organisation defined in rule 101.202; and  (2) operated under the authority of an approved person or organisation defined in rule 101.202.	          All operations by MFNZ members are required to comply with all CAA 101 rules. Ref MFNZ Members manual.	
<b>List any other rules complied with:</b>		

CAA Use

Assessed By:

Work Request:

Date received: DD / MM / YYYY      Date accepted:    DD / MM / YYYY

This matrix was established using the following Rule Part amendment statuses

101	Gyrogliders and Parasails, Unmanned Aircraft (including Balloons), Kites, and Rockets – Operating Rules	Amendment 6	1 Aug 2015
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Other rules or advisory circulars referred to during the assessment by Inspector