## Part 172 Compliance Matrix

The rule references in this compliance matrix have been extracted from the Civil Aviation Rules system as the minimum compliance requirements for an applicant for the issue or renewal of a Part 172 Air Traffic Services Certificate.

A completed compliance matrix must be submitted by the applicant both for initial certification and for renewal. Additionally, the certificate holder should maintain an up-to-date compliance matrix to assist with on-going compliance and to support certificate amendment requests.

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

All Civil Aviation rules have to be complied with, but not every rule has to be addressed in the exposition. At least the following rules must be included unless they are not applicable to the operation, in which case they should be annotated as such. The intention of this matrix is to assist rather than instruct the applicant in an initial 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 list and identify the exposition reference.

This matrix must be completed by every applicant for a Part 172 Air Traffic Services 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 or deems it not applicable, an explanation should be given in this column. **Please note ticks (ü) are not acceptable**.

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

## **Transition Provisions**

Some of the rule references shown are affected by the Transitional Provisions shown in Part 172.451. These are annotated with the letters '**TP**'. Reference should be made to the rule part to determine if these are to be included.

## **General Manual Layout and Distribution**

Manual binders: Can the manual be amended easily? (Three- or four-ring binders are preferred: two ring binders are not recommended as the pages are too easily torn.) If permanently bound, do you intend to re-issue at every amendment? This may inhibit frequency of needed amendments.

Electronic exposition: Is the matrix included as part of the file(s) /disc? If so, is it up to date? Have you considered the methods for distributing to the CAA and how you will manage amendments?



Applicant:	Participant ID:
Manuals Submitted:	Revision:

Dated:

	Applicant's Comments	CAA Comments (for CAA use only)
Rule Compliance Matrix		
Company Statement page, signed by the Chief Executive		
List of Effective Pages		
Record of Amendments		
Distribution List & copies to be numbered		
Contents Page		
Definitions & Abbreviations (not mandatory)		
On every page, headers and/or footers to include:		
(a) Company name		
(b) Name of the manual		
(c) Effective revision and date of the page		
(d) Page number		
Index (not mandatory but desirable)		



Rule Reference	Manual References / Applicant's Comments	CAA Review & Comments (for CAA use only)
172.125 Exposition		
172.125(a)(1)(i) CE statement		
172.125(a)(1)(ii) CE statement		
172.125(a)(2) [172.51(a)(1)&(2)] <i>TP</i> List of senior persons		
172.125(a)(1A)(i) <b>TP</b> [100.3(b)] Safety management documentation		
172.125(a)(1A)(ii) <i>TP</i> SMS implementation plan		
172.125(a)(3)(i) Duties and responsibilities		
172.125(a)(3)(ii) <b>TP</b> Responsibilities for safety management		
172.125(a)(4) Organisation chart		
172.125(a)(5) Table of locations, aerodrome or airspace and services		
172.125(a)(6) [172.51(a)(3)] Staffing structure		
Systems, Procedures and Plans 172.125(a)(7)-(8) & (10)-(42)		3, 172.57, 172.59, 172.61, 172.63, 172.65, 172.67, 172.69, 172.71, 172.73, , 172.93, 172.95, 172.97, 172.99, 172.101, 172.103, 172.105, 172.107, 172.109, tions below



]	



172.53(a)(2) Flight service operators		
172.53(a)(3) HF operators		
172.53(a)(4)(i)-(ii) Direct support personnel		
172.53(b) Rated instructors		
172.53(c) Assessment by rated instructors/examiners		
172.55 Prevention of	of fatigue [Reserved]	
172.57 Facility Requ	uirements	
172.57(a) Appropriate facilities		
<b>TWR or AFIS Office</b> 172.57(b)(1)(i) Visibility		
172.57(b)(1)(ii) Glare and refelction		
172.57(b)(1)(iii) Noise		
172.57(b)(2) Safeguard from development		
172.57(b)(3)(i) Solo watch locations - toilets		
172.57(b)(3)(ii) Solo watch food facilities		
172.57(b)(4)(i) Voice communication with aircraft		

CAA
CIVIL AVIATION AUTHORITY

172.57(b)(4)(ii) Voice communication with vehicles	
172.57(b)(5) Equipment: (i) Display system	
(ii) Power supply	
(iii) Maps and charts	
(iv) Binoculars	
(v) Clocks	
(vi) Log	
(vii) Outside temperature	
(viii) QNH	
(ix) Signal lamp	
(x) Telephone	
(xi) Status monitors for navaids	
(xii) Visibility and cloud height checkpoints	
(xiii) Voice and data recording	
(xiv) Wind indicators	
(xv) Audible emergency alarm	
(xvi) AFTN (or alternative)	
(xvii) Airfield lighting controls	



172.57(b)(6) Two independent sources of altimeter setting	
ACC, FIC or APP 172.57(c)(1)(i) Two-way voice communication	
172.57(c)(1)(ii) Data communication	
172.57(c)(2) Equipment: (i) Display system	
(ii) Power supply	
(iii) Maps and charts	
(iv) Clocks	
(v) Log	
(vi) Status monitors for navaids	
(vii) Telephone	
(viii) Voice and data recording	
(ix) AFTN	
(x) ILS/MLS status monitor	
(xi) Wind indicators	
172.57(d) Operation i.a.w. Part 171	
172.57(e) Position of VDU	
172.57(f) Reliability, availability, redundancy	



172.57(g)(1) Status monitors aural signal		
172.57(g)(2) Status monitors – visual indication		
Temporary TWR, AFIS		
172.57(h)(1) Appropriate measures if impracticable		
172.57(h)(2) Control airfield lighting if applicable		
172.59 Establishme	nt and Transfer of Service	
172.59(a)(1) Hours of service		
172.59(a)(2) Safety factors		
172.59(b) Transitional arrangements		
172.61 Shift Admini	istration	
172.61(1)(i)&(ii) Time at shift ends		
172.61(2) Watch transfer time		
172.63 Documentat	ion	
172.63(a) Availability of documentation		
172.63(b)(1) Reviewed and actioned		



172.63(b)(2) Reviewed and authorised before issue		
172.63(b)(3) Availability at locations		
172.63(b)(4) Removal of obsolete documentation		
172.63(b)(5) Obsolete removed		
172.63(b)(6) Changes reviewed and approved		
172.63(b)(7) Identification of revision status		
172.65 Contingency	y Plan	
172.65(a) Contingency plan		
172.65(b) Provisions for international traffic		
172.67 Co-Ordinatio	on Requirements	
<b>Coordination with:</b> 172.67(a)(1) Part 171 holders		
172.67(a)(2) Part 173 holders		
172.67(a)(3) Part 174 holders		
172.67(a)(4) Part 175 holders		
172.67(a)(5) Aircraft operators		



172.67(a)(6) NZ Defence Force	
172.67(a)(7) SAR authorities	
172.67(a)(8)(i) Aerodrome operator	
172.67(a)(8)(ii) Apron management service	
<b>LOAs</b> 172.67(b)(1)	
ATS unit in adjoining airspace	
172.67(b)(2) Other regular coordination ATS units	
172.67(c)(1) Effective coordination	
172.67(c)(2) Current	
172.67(c)(3) Signed	
172.67(c)(4) Operations Manual	
172.67(d) Facilitation of communications	
ATS messages	
172.67(e)(1) Flight plan information	
172.67(e)(2) Actual progress of flight	
172.67(f) ATS messages per Doc 4444	



172.69 Notification of Facility Status		
172.69(b)(1) Operational information to AIP provider		
172.69(b)(2) Status changes by NOTAM		
172.71 General Info	rmation Requirements	
172.71(a) Receipt of info regarding (1) Volcanic pre- eruption volcanic, radioactive, toxic info		
(2) Volcanic eruption		
(3) Volcanic ash - cloud		
(4) Radioactive, toxic material release		
172.71(b)(1),(2),(3) Status of radio/visual aids		
172.71(c)(1),(2),(3) Conditions on movement area		
172.73 Meteorological Information and Reporting		
172.73(a)(1) Information from Part 174 holder		
172.73(a)(2) Basic weather reports		
172.73(b) Information to ATS units		



172.73(c)(1) Representative data		
172.73(c)(2) Identification of runway		
172.73(d) Integrity of bulletin data		
172.75 Area and Ap	proach Control Services	
172.75(a)(1) Relative positions of aircraft		
172.75(a)(2) Issue of clearances, etc.		
172.75(a)(3) Coordination		
172.75(a)(4) Display aircraft movements		
Separation 172.75(b)(1) All in Class A, B airspace		
172.75(b)(2) IFR-IFR in C, D, E airspace		
172.75(b)(3) IFR-VFR in C airspace		
172.75(b)(4) IFR-SVFR in B, C, D airspace		
172.75(b)(5) SVFR-SVFR in B, C, D airspace low visibility		

CAA
CIVIL AVIATION AUTHORITY OF NEW ZEALAND

172.75(c) Separation criteria (1) Sub-Part E		
(2) Annex 11		
(3) Doc 4444		
(4) Doc 7030		
IFR own separation 172.75(d)(1) Requested by pilot		
172.75(d)(2) Daytime VMC		
172.75(d)(3) Radar not available		
172.75(d)(4) Specific portion of flight		
172.75(d)(5) Essential traffic pilots agreement		
172.75(d)(6) Essential traffic information passed		
172.75(d)(7) All concerned same frequency		
172.77 Aerodrome	Control Services	
172.77(a)(1) Relative positions of aircraft		
<b>Clearances</b> 172.77(a)(2)(i) Vicinity of aerodrome		
172.77(a)(2)(ii) Landing and taking off		



172.77(a)(2)(iii) Manoeuvring area	
172.77(a)(2)(iv) Vehicles, persons on manoeuvring area	
172.77(a)(2)(v) obstructions	
172.77(a)(3) Safe efficient flow	
172.77(a)(4) Runway, wind turbulence separation (i) Annex 11	
(ii) Doc 4444	
(iii) Doc 7030	
(iv) Sub-Part E	
172.77(a)(5) Emergency vehicle priority	
172.77(a)(6) Persons, vehicles on manoeuvring area	
172.77(a)(7) Coordination	
172.77(a)(8) Display aircraft movements	
172.77(b) Clearance using light signals	
172.77(c)(1) Critical area incursions	
172.77(c)(2) Critical area protection	



172.77(d)(1) Separation between IFR and SVFR		
172.77(d)(2) Separation between SVFR in low visibility		
172.77(e) Separation as per delegation		
172.77(f) Separation criteria for (d), (e) (1) Annex 11		
(2) Doc 4444		
(3) Doc 7030		
(4) Sub-Part E		
172.79 Special Use	Airspace	
Separation provided except 172.79(1)		
Pilot approval to use airspace		
172.79(2) Danger area/volcanic hazard zone, pilot expressed intention		
172.79(3) VFR/IFR visual reference pilot knows airspace active		
172.79(4) Pilot request for own separation		
172.81 Responsibili	ty for Control	
172.81(a) Control by single ATCU		
		CAA 24172/02



172.81(b) Single operating position	
172.81(c) Transfer of control	
172.81(d)(1)(i) Transfer arrangements in LOA	
172.81(d)(1)(ii) Transfer arrangements in Ops manual	
172.81(d)(2)(i) Communication of flight plan	
172.81(d)(2)(ii) Communication of control information	
172.81(d)(2)(iii) Consent of accepting unit	
172.83 Priorities	
172.83(a)(1) Emergency aircraft over others	
172.83(a)(2) Landing over departure	
172.83(a)(3) Landing over taxiing	
172.83(b)(1) Ambulance/mercy	
172.83(b)(2) SAR	
172.83(b)(3) Civil defence/police emergency	



172.83(b)(4) Head of State, etc.		
172.83(c)(1) Cruising level per Doc 4444/LOA		
172.83(c)(2) Cruising level reassignment		
172.83(d) RNP airspace		
172.83(e) Priority schemes		
172.83(f) Complaint handling – AIP		
172.83(g)(1) Arrivals/departures		
172.83(g)(2) Other operations in control zone		
172.83(h) First-come, first-served		
172.83(i)(1) ATC precedence over FIS		
172.83(i)(2) ATC precedence over non-ATS tasks		
172.85 Flow Control	I	
172.85(b)(1) Aerodrome operators		
172.85(b)(2) Aircraft operators		
172.85(b)(3) AIS		



172.87 ATC Clearances		
172.87(b)(1) No violation of airspace		
172.87(b)(2) Positive, concise, standard phraseology		
172.87(b)(3) Amended if unsuitable		
172.87(b)(4) Clearance includes: (i) Aircraft FPL call sign		
(ii) Clearance limit		
(iii) Route		
(iv) Levels		
<ul> <li>(v) Manœuvres, communications, validity, etc.</li> </ul>		
172.87(b)(5) Local flights etc.		
172.87(b)(6)(i) Transonic to end of transonic operations		
172.87(b)(6)(ii) Uninterrupted descent from supersonic to subsonic		
172.89 Cruising Levels		
172.89(a) As per 91.425 or 91.313		
172.89(a)(1) Track/level correlation unnecessary in controlled airspace		



172.89(a)(2) VFR may be allocated IFR levels		
172.89(b) As per Annex 2 in Auckland FIR		
172.91 Deviation fro	om an ATC Clearance	
172.91(a) No hindrance to response to: (1) ACAS RA		
(2) GPWS or TAWS alert		
(3) Weather or other emergency deviation		
172.91(b) Separation restored ASAP		
172.93 Flight Inform	nation Service	
<b>General</b> 172.93(a)(1) Aircraft under ATC affected by (b) information		
172.93(a)(2) Aircraft provided with AFIS affected by (b) information		
172.93(a)(3) IFR aircraft affected by (b) information		
172.93(a)(4) Aircraft with VFR flight plan		
172.93(a)(5) VFR aircraft on request		

CAA
CIVIL AVIATION AUTHORITY OF NEW ZEALAND



(2) Class D airspace		
(3) Class E airspace		
(4) Class G airspace		
172.95 Aerodrome	Flight Information Service	
172.95(a)(1) Relative positions of aircraft		
172.95(a)(2) Advice and info to aircraft:		
(i) In vicinity of aerodrome		
(ii) On manoeuvring area		
(iii) Landing and taking off		
(iv) And vehicles, persons on manoeuvring area		
<ul><li>(v) Obstructions on manoeuvring area</li></ul>		
172.95(b) Designated preferred runway		
172.97 Alerting Service		
172.97(b)(1) All aerodrome traffic (ATC or AFIS)		
172.97(b)(2) To all aircraft:		
(i) Flight plan under 91.307 or 91.407		
(ii) In need of assistance		



(iii) Unlawful interference	
172.97(c)(1) INCERFA, ALERFA, DETRESFA	
172.97(c)(2) To responsible ACC/FIC	
172.97(d)(1) ACC/FIC as central point	
172.97(d)(2) Information forwarded to RCC	
172.97(e) First alert to local emergency services	
172.97(f)(1) INCERFA when: (i) IFR/controlled VFR 15 min overdue	
(ii) Unterminated flight plan	
(iii) SARTIME + 30 min	
172.97(f)(2) ALERFA when: (i) Unlawful interference	
(ii) No news of aircraft	
(iii) Fails to land and no communication	
(iv) Efficiency of aircraft impaired	



172.97(f)(3) DETRESFA when: (i) After alert phase, aircraft probably in distress	
(ii) Fuel probably exhausted	
(iii) Forced landing likely	
(iv) Forced landing occurred	
172.97(g) Emergency information includes: (1) INCERFA/ ALERFA/ DETRESFA	
(2) Agency/person calling	
(3) Nature of emergency	
(4) Flight plan information	
(5) Last unit in contact	
(6) Last position	
(7) Colour/marks	
(8) Action taken	
172.97(h)(1) Useful information to RCC	
172.97(h)(2) End of emergency to RCC	
172.97(i) All available means	



172.97(j) Last known position recorded	
172.97(k) Other aircraft in Auckland FIR	
172.97(I)(1) Alert aircraft operator before RCC	
172.97(I)(2) All information to aircraft operator	
172.99 Flight Plans	
172.99(b)(1) Compliance check	
172.99(b)(2) Completeness, accuracy check	
172.99(b)(3) Action necessary	
172.99(c) Single receiving ATS unit	
172.99(d)(1) Office with AFTN, fax, etc.	
172.99(d)(2) Filing, retention, activation of plans	
172.101 Time	
172.101(a)(1) UTC	
172.101(a)(2) Correct within 5 sec	



172.101(b)(1) To ATC, AFIS, IFR aircraft pre-taxi		
172.101(b)(2) To any aircraft on request		
172.103 Altimeter S	Setting Procedures	
172.103(1) QNH in hectopascals		
172.103(2) QNH on initial contact		
172.103(3) QNH on request		
172.105 Radio and	Telephone Procedures	
172.105(a)(1) Standard phraseology		
172.105(a)(2) Discipline		
172.105(a)(3) Annex 10 Vol II procedures except:		
172.105(a)(3)(i) Call signs per 91.249		
172.105(a)(3)(ii) AFIS call sign		
172.105(b)(1) Phraseology as per: (1) Sub-Part F		
(2) Annex 10		
(3) Doc 4444		
(4) Doc 9432		
172.105(c) Precedence per (b)		



172.107 Radar Serv	172.107 Radar Services		
172.107(1) Radar services as per (i) Doc 4444			
(ii) Doc 7030			
(iii) Sub-Part G			
172.107(2) SSR code allocation			
172.107(3) SSR code management plan: (i) per Doc 4444			
(ii) does not conflict with 91.247(a)			
172.107(4)(i) Nature of services			
172.107(4)(ii) Significant limitations			
172.107(5) Required information displayed			
172.109 Aircraft Em	ergencies and Irregular Operation		
172.109(a) Maximum assistance and priority			
172.109(b) Strayed, unidentified aircraft and military interception			
172.111 Action after Serious Incident or Accident			
172.111(1) Contribution of navigation facilities			



172.111(2)(i) Warn other aircraft		
172.111(2)(ii) Advise facility operator		
172.111(3) Assist facility operator		
172.111(4) Facility not to be used		
172.113 Incidents [	Part 12 Occurrence Reporting]	
172.113(1) Notification and reporting	Refer Part 12 section below	
172.113(2) [91.431] Reports to Part 171 certificate holder		
172.115 Records		
172.115(a)(1) For provision of ATS		
172.115(a)(2) For accident, incident investigation		
172.115(b) Records to include (1) Telephone communications		
(2) Radio communications		
(3) Air/ground datalink		
(4) Radar		
(5) Flight plans		
(6) Progress strips		
(7) Duty rosters		



(8) Met and aeronautical info	
(9) QA reviews	
(10)(i) Training segments	
(10)(ii) Knowledge testing	
172.115(c)(1) Electronic recording of:	
(1) Radio and telephone communications	
(2) HF communications	
(3) PSR, SSR, ADS	
(4) non-telephone transfer of control	
172.115(d)(1) Include time recording	
172.115(d)(2)(i) Replicate voice communication or radar picture	
172.115(d)(2)(ii) Differences described	
172.115(e) Radar picture: any visual representation	
172.115(f) (d)(2)(ii) Limitation	
172.115(g) Clarity of records	
172.115(h) Retention for 31 days	



172.115(h)(1) Duty rosters 2 years		
172.115(h)(2) 172.121(a)(2) & (3) Records three years		
172.115(h)(3) Training records three years		
172.117 Logbooks a	nd Position Logs	
172.117(a) Each unit, separate areas within unit		
172.117(b)(1) Maintained by senior person on duty		
172.117(b)(2) Maintained throughout hours of watch		
172.117(b)(3) Include time of entry		
172.117(b)(4) Signing On Watch		
172.117(b)(5)(i) Chronological		
172.117(b)(5)(ii) Not erased, defaced		
172.117(b)(5)(iii) Correction initialled etc.		
172.117(b)(6) Watch opening, closing times		
172.117(b)(7) Retained three years		
172.117(c) Operating position logs		



172.117(d)(1)		
Operating position log information:		
(i) when position operating		
(ii) services provided		
(iii) operator identity		
172.117(d)(2)		
Operating position log retained 31 days		
172.119 Security Pr	ogramme	
172.119(b) Physical requirements, practices and procedures		
172.119(c)(1) Positive access control		
172.119(c)(2) Protect personnel		
172.119(c)(3) In the event of a threat		
172.119(c)(4) Monitoring unattended buildings		
172.121 Service Dis	sruptions	
172.121(a)(1) Advise Director of planned interruptions		
172.121(a)(2) Investigate unplanned interruptions		
172.121(a)(3) Report unplanned interruptions to Director		



172.121(b)(1) Watch open more than 15 min late		
172.121(b)(2) Interruption greater than 10 min		
172.121(b)(3) Watch curtailment by more than 30 min		
172.123		
100 Safety Manager	nent	
172.173 <b>TP</b>		
System for safety management		
100.3(a)(1) <i>TP</i> Safety policy		
100.3(a)(2) <b>TP</b> Risk management process		
100.3(a)(3)(i) <b>TP</b> Hazard etc. reporting, analysis and action		
100.3(a)(3)(ii) <b>TP</b> Goals		
100.3(a)(3)(iii) <i>TP</i> Quality assurance		
100.3(a)(4) <i>TP</i> Training		
100.3(b) <b>TP</b> Documentation		
100.3(c) <i>TP</i> Adequacy of SMS		
172.453 Internal Qu	Jality Assurance	



172.453(b)(1) <b>TP</b> Safety policy and procedures	
172.453(b)(2) <b>TP</b> Quality indicators	
172.453(b)(3) <b>TP</b> Corrective action	
172.453(b)(4) <b>TP</b> Preventive action	
172.453(b)(5) <i>TP</i> Audit programme	
172.453(b)(6) <b>TP</b> Management review	
172.453(c) <b>TP</b> Understood and implemented	
Corrective action	
172.453(d)(1) <b>TP</b> Correct existing problems	
172.453(d)(2) <b>TP</b> Follow up	
172.453(d)(3) <b>TP</b> Procedure amendment	
172.453(d)(4) <b>TP</b> Review of effectiveness	
Preventive action 172.453(e)(1) <i>TP</i> Correct potential problems	
172.453(e)(2) <b>TP</b> Follow up	
172.453(e)(3) <b>TP</b> Procedure amendment	



172.453(e)(4) <b>TP</b> Review of effectiveness		
<b>Audit Programme</b> 172.453(f)(1) <i>TP</i> Frequency and location		
172.453(f)(2) <b>TP</b> Independent trained auditors		
172.453(f)(3) <b>TP</b> Audit report		
172.453(f)(4) <b>TP</b> Preventive and corrective actions		
172.453(f)(5) <b>TP</b> Follow up		
Management Review 172.453(g)(1) <i>TP</i> Frequency		
172.453(g)(2) <b>TP</b> Responsibility		
172.453(g)(3) <b>TP</b> Evaluation and recording of results		
172.453(h) <i>TP</i> Access to CEO		
172.165 Security Training Programme		
172.165(b) Training program contains (1) Initial and recurrent segments		
(2) Knowledge testing		



172.165(c) Procedures for						
(1) Acceptable syllabus						
(2) Structured and coordinated						
172.165(d) Recurrent training within 3 years						
Part 12 Occurrence	Part 12 Occurrence Reporting					
12.55(a)(2) Notification of airspace incident						
12.55(a)(5) Notification of security incident						
12.55(a)(7) Notification of information incident						
12.55(d)(1) [App A(a)] Required information						
12.55(d)(5) [App A(e)] Required information						
12.55(d)(6) [App A(f)] Required information						
12.57(a)(1) Provide details						
12.57(b)(1)-(3) Means of providing details						
12.59(1) Conduct investigation						
12.59(2)(i)-(iii) Submit report to CAA						
12.59(3) Preventative action						



List any other rules complied with:					
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					
<ol> <li>Accidents, Incidents, and Statistics</li> <li>Safety Management</li> <li>Air Traffic Service Organisations – Certification</li> </ol>	Amendment 9 Amendment 1 Amendment 11	24 September 2015 1 February 2016 1 February 2016			
Other rules or advisory circulars referred to during the ass	essment by Inspector				