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Australian Government
Civil Aviation Safety Authority



RPAS Platform - Example Test Procedure - Part 1

CASA-verified Drone Safety App
– Declaration of Compliance (DoC)

April 2024

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Acknowledgement of Country

The Civil Aviation Safety Authority (CASA) respectfully acknowledges the Traditional Custodians of the lands on which our offices are located and their continuing connection to land, water and community, and pays respect to Elders past, present and emerging.

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Revision history

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

Version No.	Date	Parts/Sections	Details
3.1	April 2024	All	Declaration 7 – Danger areas amended to include military operating areas Declaration 9 – Non-controlled aerodromes and helicopter landing sites/approach and departure paths amended for changes to the size of the HLS no-fly zone Declaration 11 – HLS with instrument approach has been deleted
3.0	November 2023	All	Document split into Part 1 and Part 2. Full review of this document including partial title change.
2.0	October 2020		Addition of airspace authorisation tests.
1.0	November 2019	All	Initial release.

Related documents

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

Document type	Available at
The rules <ul style="list-style-type: none"> • Civil Aviation Safety Regulations 1998 (CASR) Part 101 – Unmanned aircraft and rockets • Part 101 (Unmanned Aircraft and Rockets) Manual of Standards 2019 • CASA 22/22 – Operation of Certain Unmanned Aircraft Directions 2020 	https://www.casa.gov.au/drones/documents-and-forms
RPAS Platform onboarding documents <ul style="list-style-type: none"> • RPAS Platform Concept of Operations • RPAS Platform Operating Rules • RPAS Platform Terms and Conditions • RPAS Platform Application Form • RPAS Platform - Example Test Procedure - Part 2 - CASA-verified Drone Safety App Test Procedure 	https://www.casa.gov.au/drones/industry-initiatives/digital-platform

Introduction

Purpose

The purpose of this Declaration of Compliance document is to serve as a formal declaration by a software developer that their CASA-verified Drone Safety App (software application) aligns with all the applicable standards, and functional rules. This document:

- acts as an assertion of compliance and a pledge of conformity to the established guidelines and standards relevant to the software's design, construction, performance, and safety.
- signifies that the manufacturer takes responsibility for the software's compliance, providing assurance to both regulatory authorities and consumers.
- outlines the means of compliance and, if necessary, refers to test reports that validate the software's conformity.

Overview

This version of the declaration aligns with version 3.2 of the *RPAS Platform Operating Rules* and confirms that the software meets the relevant requirements for a CASA-verified Drone Safety App and that the software developer has completed the relevant parts of the *RPAS Platform - Example Test Procedure - Part 2 (CASA-verified Drone Safety App)* document.

This Declaration of Compliance document is required to be completed or reviewed and updated in the following circumstances:

- **CASA check-out:** During the initial deployment or for the release of a new service (e.g. AAA service).
- **Significant change:** An update or modification that impacts compliance with the *RPAS Platform Operating Rules* will require an updated Declaration of Compliance to be completed. Updates to software that do not impact compliance with the *RPAS Platform Operating Rules* are not considered by CASA to be a significant change.
- **On request by CASA:** CASA may request a software provider review and update a Declaration of Compliance as part of a routine check or due to specific concerns or incidents.

The software developer must complete and submit:

- this Declaration of Compliance to CASA prior to conducting the software check-out assessment described in the *RPAS Platform - Example Test Procedure - Part 2* document.
- a Declaration of Compliance for each software platform (e.g. Web-based and mobile apps) it provides.

This document should be read in conjunction with the following RPAS Platform documents:

- *RPAS Platform - Example Test Procedure - Part 2*
- *RPAS Platform Operating Rules*
- *RPAS Platform Concept of Operations*.

Proposing alternate means of compliance (AltMoC)

To propose an alternate means of compliance (AltMoC) for an RPAS Platform Operating Rule involves identifying the specific requirements and documenting them, making a clear case for why an AltMoC is necessary.

After understanding the original requirements, the next step involves documenting the proposed AltMoC. This proposal should describe the new methods, technologies, or processes that will be used, how these differ from the original requirements, and how they can be assessed as having been implemented and being functional.

An entry must be added to the Proposed alternate means of compliance table on page 9 and the software provider should be ready to discuss the proposal and its assessable criteria with CASA during/or prior to the software assessment/checkout described in the document *RPAS Platform - Example Test Procedure - Part 2*.

Prefixes

Each operating rule is assigned an identifier enclosed by brackets and comprised of a grouping prefix and a number. For example, [UAA0005] and [HBY0025].

This document uses the following prefixes:

Table 1. Grouping prefixes

Prefix	Description
UAA	User Accounts, Access and Disclaimer
ASD	Airspace Data
AD	Additional Data
HBY	Recreational
CEX	Commercial Excluded Operation
ReOC	Commercial Included Operation
AA	Airspace Authorisations

Declaration summary

Software and provider details

Software name	
Software provider	
Software provider representatives	
Software platform (e.g. iOS)	

Declaration notes

Notes

Declaration outcome

<input type="checkbox"/>	Complete	This software application complies with all requirements for connection to the CASA RPAS Platform Production Environment and is recommend to proceed to testing stage.
<input type="checkbox"/>	Complete with proposed alternate means of compliance (AltMoC)	This software application complies with requirements for connection to the CASA RPAS Platform Production Environment, except where alternate means of compliance have been proposed to CASA (at page 9) and is recommended to proceed to testing stage.
<input type="checkbox"/>	Incomplete	This software application does not comply with the requirements for connection to the CASA RPAS Platform Production Environment and is not recommended to proceed to testing stage.

Proposed alternate means of compliance (AltMoC)

Declaration	Reason for alternate means of compliance	Proposed AltMoC	Accepted (CASA)
5 & 6	The NAIPS subscription is unavailable. [Delete if not required]	All Temporary Restricted and Temporary Prohibited Airspace will be displayed to users through an advisory.	Yes

Signatures

Names and signatures finalising documented outcomes.

Software Provider:		Date:	
CASA Officer:		Date:	

Required disclaimer and information

Declaration 1 – Privacy policy

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
1.1	[UAA0015]	<u>Privacy policy</u> There is a privacy policy which is viewable within the software or through a link within the software.			
1.2	[UAA0015]	<u>Privacy policy</u> The Software Provider attests the privacy policy meets the standards, rights and obligations under the APPs.			

Declaration 2 – Disclaimer

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
2.1	[UAA0020]	<u>CASA disclaimer</u> CASA Disclaimer “ <i>The information provided is not for use in air navigation in Australia</i> ” is displayed to users within the software.			

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
2.2	[UAA0020]	<p><u>CASA disclaimer</u></p> <p>The Terms of Service for the software includes the required statement “<i>Airspace information related to Australia is not approved under Australian Civil Aviation Safety Regulation Part 175 (CASR Part 175), is advisory only, and is not to be used for the purpose of air navigation.</i>”</p>			

Declaration 3 – Reporting unsafe drone operations

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
3.1	[UAA0040]	<p><u>CASA’s Report Unsafe Drone Operations webpage</u></p> <p>The software includes a working link to the <i>Report Unsafe Drone Operations</i> webpage.</p>			

Authoritative data

Declaration 4 – Restricted airspace

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
4.1	[ASD0005]	<p><u>Information displayed from an authoritative data source</u></p> <p>The software uses the Airservices Australia Product Group B Dataset 14 to display restricted airspace information to users.</p>			
4.2	[ASD0005]	<p><u>Data refresh rate</u></p> <p>The software complies with the minimum refresh rate for the data which is: <i>When updated by the data provider (currently bi-annually).</i></p>			
4.3	[HBY0010] [CEX0010] [ReOC0020]	<p><u>Authoritative data tests conducted (1)</u></p> <p>The software has passed the authoritative data Test 1 <i>Restricted Airspace from the RPAS Platform – Example Test Procedure – Part 2.</i></p>			
4.4	[HBY0010] [CEX0010] [ReOC0020]	<p><u>User message when within a restricted area</u></p> <p><i>Input the user message for each result in the box to the right.</i></p>	<p>Block</p> <ul style="list-style-type: none"> - With NAIPs and active, or - Without NAIPs and it is Prohibited or RA3 	<p><i>User message here</i></p> <p>Example: When active, you must not operate your drone within [Area IDENT – e.g. R269] [Activity – e.g. Military flying/non-flying] area.</p>	
			<p>Advise</p> <ul style="list-style-type: none"> - Without NAIPs and it is a RA1, RA2 or MOA. 	<p><i>User message here</i></p> <p>Example: When active, you must not operate your drone within [Area IDENT – e.g. R269] [Activity – e.g. Military flying/non-flying] area without approval from the controlling authority.</p>	

Declaration 5 – Temporary restricted airspace

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
5.1	[ASD0010]	<u>Information displayed from an authoritative data source</u> The software uses the Airservices Australia National Aeronautical Information Processing System (NAIPS) data to display restricted Airspace information to users.			
5.2	[ASD0010]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>At least every 15 minutes.</i>			

Declaration 6 – Temporary prohibited airspace

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
6.1	[ASD0015]	<u>Information displayed from an authoritative data source</u> The software uses the Airservices Australia National Aeronautical Information Processing System (NAIPS) data to display restricted Airspace information to users.			
6.2	[ASD0010]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>At least every 15 minutes.</i>			

Declaration 7 – Danger areas & military operating areas

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
7.1	[ASD0020]	<u>Information displayed from an authoritative data source</u> The software uses the Airservices Australia Product Group B Dataset 14 to display airspace information regarding danger areas to users.			
7.2	[ASD0020]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>When updated by the data provider (currently bi-annually).</i>			
7.3	[HBY0040] [CEX0040] [ReOC0040]	<u>Authoritative data tests conducted (danger area)</u> The software has passed the authoritative data Test 4 <i>Danger Areas</i> from the <i>RPAS Platform - Example Test Procedure - Part 2</i> .			
7.5	[HBY0010] [CEX0010] [ReOC0020]	<u>Authoritative data tests conducted (military operating area)</u> RESERVED – There is no test in the Part 2 v3.2 test procedure for MOAs.	N/A	N/A	N/A
7.5	[HBY0040] [CEX0040] [ReOC0040]	<u>User message when inside a danger area</u> Input the user message for each result in the box.	Advise	User message here Example: [Area IDENT – e.g. D706] is a danger area due to [Activity – e.g. Flying Training] activities in the area. You may operate an RPAS here but use caution. More information can be found in the AIP ERSA.	

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7.6	[HBY0040] [CEX0040] [ReOC0040]	<u>User message when inside a military operating area</u> <i>Input the user message for each result in the box.</i>	Block or Advise	User message here Example: When active, you must not operate your drone within [Area IDENT – e.g. R269] [Activity – e.g. Military flying/non-flying] area without approval from the controlling authority. More information can be found in the AIP ERSA.
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Declaration 8 – Controlled aerodromes/approach and departure paths

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
8.1	[ASD0025] [ASD0030]	<u>Information displayed from an authoritative data source</u> The software uses the Airservices Australia Product Group A Dataset 1, 6, 7, and 10 data to display controlled aerodrome and approach and departure path information to users.			
8.2	[ASD0025]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>When updated by the data provider (currently bi-annually)</i>			
8.3	[HBY0030] [HBY0031] [CEX0030] [CEX0031] [ReOC0025] [ReOC0026]	<u>Authoritative data tests conducted</u> The software has passed the authoritative data Test 5 - <i>Controlled aerodromes/approach and departure paths</i> from the <i>RPAS Platform - Example Test Procedure - Part 2</i> .			
8.4	[HBY0030] [CEX0030] [ReOC0025]	<u>User message when within the 3nm 'no flying' areas of a controlled aerodrome</u>	Block	<i>User message here</i>	
		<i>Input the user message for each result in the box.</i>	Advise	<i>User message here</i>	
8.5	[HBY0031] [CEX0031] [ReOC0026]	<u>User message when within the approach and departure paths 'no flying' areas of a controlled aerodrome</u>	Block	<i>User message here</i>	
		<i>Input the user message for each result in the box to the right.</i>	Advise	<i>User message here</i>	

Declaration 9 – Non-controlled aerodromes and helicopter landing sites/approach and departure paths

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
9.1	[ASD0035]	<p><u>Information displayed from an authoritative data source</u></p> <p>The software uses the Airservices Australia Product Group A Dataset 1, 6, 7,10 and 25 to display controlled aerodrome and approach and departure path information to users.</p>			
9.2	[ASD0035]	<p><u>Data refresh rate</u></p> <p>The software complies with the minimum refresh rate for the data which is: <i>When updated by the data provider (currently bi-annually).</i></p>			
9.3	[HBY0035] [CEX0035] [ReOC0030]	<p><u>Authoritative data tests conducted (aerodrome with runway)</u></p> <p>The software has passed the authoritative data <i>Test 6 - Non-controlled aerodromes, possibly with an approach and departure paths from the RPAS Platform - Example Test Procedure - Part 2.</i></p>			
9.4	[HBY0036] [CEX0036] [ReOC0031]	<p><u>Authoritative data tests conducted (aerodrome with HLS)</u></p> <p>The software has passed the authoritative data <i>Test 6 - Non-controlled aerodromes with helicopter landing sites from the RPAS Platform - Example Test Procedure - Part 2.</i></p>			

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9.5	[HBY0035] [CEX0035] [ReOC0030]	<u>User message when within the 3nm 'no flying' areas of a non-controlled aerodrome (with runway)</u> <i>Input the user message for each result in the box.</i>	Block	<i>User message here</i>
			Advise	<i>User message here</i>
9.6	[HBY0036] [CEX0036] [ReOC0031]	<u>User message when within the 0.75nm 'no flying' areas of a non-controlled aerodrome (HLS)</u> <i>Input the user message for each result in the box.</i>	Block	<i>User message here</i>
			Advise	<i>User message here</i>

Declaration 10 – CASA advisories

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
10.1	[ASD0050]	<u>Information displayed from an authoritative data source</u> The software uses the CASA RPAS Platform to display advisory information to users.			
10.2	[ASD0050]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>At least every 15 minutes.</i>			
10.3	[HBY0070] [CEX0070] [ReOC0045]	<u>Authoritative data tests conducted</u> The software has passed the authoritative data <i>Test 7 - CASA advisories</i> from the <i>RPAS Platform - Example Test Procedure - Part 2.</i>			

Declaration 11 – [Removed]

Declaration 12 – Fire hazards and incidents

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
12.1	[AD0005] [HBY0015] [CEX0015] [ReOC0010]	<u>Information displayed from an authoritative data source</u> The software uses the appropriate state-based emergency services data feed to display emergency and hazard information to users.			
12.2	[AD0005]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>At least every 15 minutes.</i>			
12.3	[HBY0015] [CEX0015] [ReOC0010]	<u>Authoritative data tests conducted</u> The software has passed the authoritative data <i>Test 9 - Fire hazards and incidents</i> from the <i>RPAS Platform - Example Test Procedure - Part 2.</i>			
12.4	[HBY0015] [CEX0015] [ReOC0010]	<u>User message when in the vicinity of a fire hazards and/or incident</u>	Block	<i>User message here</i>	
		<i>Input the user message for each result in the box.</i>	Advise	<i>User message here</i>	

Declaration 13 – Electricity transmission lines

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
13.1	[AD0010] [HBY0045] [CEX0045] [ReOC0055]	<u>Information displayed from an authoritative data source</u> The software uses the Geoscience Australia Electricity Transmission Line data feed to display information to users.			
13.2	[AD0010]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>When updated by the data provider.</i>			
13.3	[HBY0045] [CEX0045] [ReOC0055]	<u>Authoritative data tests conducted</u> The software has passed the authoritative data <i>Test 10 - Electricity transmission lines</i> from the <i>RPAS Platform - Example Test Procedure - Part 2.</i>			
13.4	[HBY0045] [CEX0045] [ReOC0055]	<u>User message when in the vicinity of an electricity transmission line</u>	Block	<i>User message here</i>	
		<i>Input the user message for each result in the box.</i>	Advise	<i>User message here</i>	

Declaration 14 – Marine parks

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
14.1	[AD0015] [HBY0075] [CEX0075] [ReOC0035]	<u>Information displayed from an authoritative data source</u> The software uses the Parks Australia marine parks maps data to display information to users.			
14.2	[AD0015]	<u>Data refresh rate</u> The software complies with the minimum refresh rate for the data which is: <i>When updated by the data provider.</i>			
14.3	[HBY0075] [CEX0075] [ReOC0035]	<u>Authoritative data tests conducted</u> The software has passed the authoritative data <i>Test 11 - Marine parks</i> from the <i>RPAS Platform - Example Test Procedure - Part 2.</i>			
14.4	[HBY0075] [CEX0075] [ReOC0035]	<u>User message when in the vicinity of a marine park</u>	Block	<i>User message here</i>	
		<i>Input the user message for each result in the box.</i>	Advise	<i>User message here</i>	

Declaration 15 – CASA notifications

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
15.1	[AD0020]	<p><u>Information displayed from an authoritative data source</u></p> <p>The software uses the CASA RPAS Platform notifications data to display notifications to users.</p>			
15.2	[AD0020]	<p><u>Data refresh rate</u></p> <p>The software complies with the minimum refresh rate for the data which is: <i>At least every 15 minutes.</i></p>			
15.3	[UAA0030]	<p><u>Authoritative data tests conducted</u></p> <p>The software has passed the authoritative data <i>Test 12 - CASA notifications from the RPAS Platform - Example Test Procedure - Part 2.</i></p>			

Other requirements tests

Declaration 16 – Flying over 120 metres (400 feet) AGL

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
16.1	[HBY0005] [CEX0005] [ReOC0005]	<p><u>Authoritative data tests conducted</u></p> <p>The software has passed the other requirements <i>Test 13 - Flying over 120 metres (400 feet) AGL from the RPAS Platform - Example Test Procedure - Part 2.</i></p>			
16.2	[HBY0005] [CEX0005] [ReOC0005]	<p><u>User message when flying over 120 metres (400 feet) AGL</u></p>	Block	<i>User message here</i>	
		<p>The user should be able to set the maximum height of the RPA flight/operation.</p> <p><i>Input the user message for each result in the box to the right.</i></p>	Advise	<i>User message here</i>	

Declaration 17 – Flights outside daylight hours

Declaration	Operating Rule	Requirement	Compliance		
			Compliant	Non-compliant	AltMoC proposed
17.1	N/A	<p><u>Information displayed from a suitable data source</u></p> <p>Identify how the software determines daylight hours for a specified location in the box to the right.</p>			
17.2	[HBY0050] [CEX0050] [ReOC0015]	<p><u>Other requirements tests conducted</u></p> <p>The software has passed the other requirements <i>Test 14 - Flying during the day</i> from the <i>RPAS Platform - Example Test Procedure - Part 2</i>.</p>			
17.3	[HBY0050] [CEX0050] [ReOC0015]	<p><u>User message when flights/operations are conducted outside daylight hours</u></p> <p>The user should be able to set the time of the RPA flight/operation.</p> <p><i>Input the user message for each result in the box to the right.</i></p>	Block	<i>User message here</i>	
			Advise	<i>User message here</i>	

Airspace authorisations tests

Declaration 18 – Authorisation service

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
18.1	[ASD0060]	<p><u>The App uses the authoritative source and complies with the minimum refresh rate for the relevant data [ASD0060]</u></p> <p>The software uses the grid cell definition (GCD) file information to identify available areas for authorisation to users.</p> <p>The software complies with the Airservices Australia process for using the controlled aerodrome GCD (e.g. checksum).</p>			
18.2	[ASD0060]	<p><u>Data refresh rate</u></p> <p>The software complies with the minimum refresh rate for the data which is: <i>At least every 24 hours.</i></p>			
18.3	[AA0035]	<p><u>User has an individual account with a login</u></p> <p>The software provides each user (CRP for an ReOC holder) a user account with security identification mechanisms (e.g. username and password).</p>			
18.4	[AA0040]	<p><u>App release and HTTPS encryption</u></p> <p>The software developer attests that the application follows industry best practices for software releases and HTTPS encryption.</p>			
18.5	[AA0050]	<p><u>Auth requests through chief remote pilot</u></p> <p>The software application includes (internally within the software or externally through another system) a process to validate the user's</p>			

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
		information with CASA in accordance with the method specified in Annex A of this document.			
18.6	[AA0010]	<u>GCD integration into GUI</u> The software application identifies to the user areas where GCD cells apply.			

Declaration 19 – Authorisation information, conditions and declaration (AAA providers only)

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
19.1	[14.3] [AA0052]	<p><u>Authorisation submission declaration displayed to the user</u></p> <p>The software application displays the declaration (14.3) to the user for confirmation before the authorisation request is submitted.</p> <p>Declaration:</p> <ul style="list-style-type: none"> • I am authorised to make this application as the chief remote pilot for this ReOC. • I acknowledge that I must not submit an airspace authorisation application for an RPA with a maximum take-off weight of 25 kg or more. • I declare that all statements in this application are true and correct in every particular and that I have read and understood all provisions of the <i>Civil Aviation Safety Regulations 1998</i> which are relevant to this application. 			
19.2	[AA0057]	<p><u>Notification displayed to the user</u></p> <p>The software application displays the notification (AA0057) to the user.</p>			
19.3	[14.1] [AA0051]	<p><u>Response and conditions for a successful authorisation request</u></p> <p>After a successful request has been successfully submitted to the RPAS Platform, the software application clearly identifies to the user that the request is 'authorised' and what the conditions of the authorisation are.</p> <p>Included in the conditions must be the following information:</p> <ul style="list-style-type: none"> • The operator must ensure the RPA operation is conducted in accordance with the conditions specified in the CASA Instrument 			

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
		that is in force at the time of the authorised operation, available at https://www.casa.gov.au/drones/industry-initiatives/automated-airspace-authorisations-trial			
19.4	[AA0051]	<p><u>Required authorisation information is displayed to the user</u></p> <p>The software developer attests that the application follows industry best practices for software releases and HTTPS encryption.</p> <p>CASA will check the authorisation text includes the following information:</p> <ul style="list-style-type: none"> • Airspace authorisation ID [id] • ReOC number [operator_number] • Date issued [create_date/time] 			
19.5	[AA0051]	<p><u>RPAS information is displayed to the user</u></p> <p>After a request has been successfully submitted to the RPAS Platform the software application displays the RPAS information to the user.</p> <p>CASA will check the authorisation text includes the following information:</p> <ul style="list-style-type: none"> • The operator is authorised to fly the remotely piloted aircraft [uas_serial_number] in the operating area in the approved area. 			
19.6	[AA0051] [AA0056] [AA0060] [AA0065]	<p><u>Response in the case of an unsuccessful authorisation request</u></p> <p>Either an unsuccessful request cannot be submitted by a user, or after an unsuccessful request has been submitted, the software application clearly identifies to the user that the request is denied.</p>			
19.7	[AA0020]	<p><u>The user is able to view previous successful authorisations</u></p> <p>The software application records and can make viewable to the user their successful airspace authorisations for a period of at least 30 days from the planned start date of an operation.</p>			

Declaration 20 – Authorisation validations, options and cancellation (AAA providers only)

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
20.1	[AA0011]	<p><u>Required authorisation information is captured by app</u></p> <p>The software application captures the following data from the user and provides it with the RPAS Operation request to the RPAS Platform:</p> <ul style="list-style-type: none"> • Phone number (pilot_phone_number) • ARN (pilot_license_number) • ReOC number (operator_number) • RPA serial number (uas_serial_numbers) • RPA Type (uas_type) • Flight profile (uas_profile) 			
20.2	[AA0020]	<p><u>The user is able to view previous successful authorisations</u></p> <p>Expected output, software developer demonstrates the user’s access to their successful request for airspace authorisations for a period of at least 30 days from the planned start date of operation.</p>			
20.3	[AA0030]	<p><u>Authorisations can be ‘closed’</u></p> <p>After an authorised operation start time has commenced the software provides the user the option to ‘close’ the authorisation.</p> <p>Closing an operation should only be possible after the operation start time and before the operation end time.</p>			
20.4	[AA0030]	<p><u>Authorisations can be ‘cancelled’</u></p> <p>Before an authorised operation’s start time has commenced, the software provides the user the option to ‘cancel’ the authorisation.</p> <p>Cancelling an operation should only be possible before the operation start time.</p>			

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
20.5	[AA0045]	<p><u>User is notified in the event that an airspace authorisation is cancelled due to it being no longer valid.</u></p> <p>In the event that an airspace authorisation is no longer valid, the software application cancels the authorisation and notifies the user.</p>			
20.6	[AA0045]	<p><u>Method of user notification in the event of a cancelled authorisation</u></p> <p>Define the method used by the software application to notify the user in the box to the right.</p>			
20.7	[AA0005] [AA0030] [AA0025] [AA0045] [AA0051] [AA0055]	<p><u>Airspace authorisations tests conducted.</u></p> <p>The software has passed the Airspace Authorisations <i>Test 15 - Area wholly within GCDs</i> from the <i>RPAS Platform - Example Test Procedure - Part 2</i>.</p>			
20.8	[AA0015] [AA0055]	<p><u>Authorisation request for an area entirely or partly outside the GCD</u></p> <p>The software application will not provide an authorisation for an area entirely or partly outside a GCD.</p> <p>The application should either refuse to submit the user's request, or submit only the portion of the operation that falls within the GCD area to the RPAS Platform. The portion outside the GCD should be trimmed.</p>			
20.9	[AA0015] [AA0055]	<p><u>Airspace authorisations tests conducted (16)</u></p> <p>The software has passed the Airspace Authorisations <i>Test 16 - Area partly falls outside GCD</i> from the <i>RPAS Platform - Example Test Procedure - Part 2</i>.</p>			
20.10	[AA0055] [AA0056] [ReOC0026]	<p><u>Authorisation request for an area entirely or partly inside the 'no flying' area of the approach and departure path</u></p>			

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
		<p>The software application will not provide an authorisation for an area entirely or partly outside 'no flying' area of the approach and departure path.</p> <p>The application should either refuse to submit the user's request, or submit only the portion of the operation that falls outside the 'no flying' area to the RPAS Platform. The portion inside the 'no flying' area should be trimmed.</p>			
20.11	[AA0055] [AA0056] [ReOC0026]	<p><u>Airspace authorisations tests conducted (17)</u></p> <p>The software has passed the Airspace Authorisations <i>Test 17 - Area falls within approach and departure path</i> from the RPAS Platform - <i>Example Test Procedure - Part 2</i>.</p>			
20.12	[AA0055] [AA0060] [AA0065]	<p><u>Operation falls outside allowed time parameters</u></p> <p>The software application will not provide an authorisation for an operation that is:</p> <ul style="list-style-type: none"> • more than 30 days after the date of submission • outside of daylight hours. 			
20.13	[AA0055] [AA0060] [AA0065]	<p><u>Airspace authorisations tests conducted (18)</u></p> <p>The software has passed the Airspace Authorisations <i>Test 18 - Operation falls outside allowed time parameters</i> from the RPAS Platform - <i>Example Test Procedure - Part 2</i>.</p>			
20.14	[AA0055] [AA0060] [AA0065]	<p><u>Airspace authorisations tests conducted (19)</u></p> <p>The software has passed the Airspace Authorisations <i>Test 19 - Authorisation above GCD cell ceiling (R405)</i> from the RPAS Platform - <i>Example Test Procedure - Part 2</i>.</p>			

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
20.15	[AA0055] [AA0060] [AA0065]	<u>Airspace authorisations tests conducted (20)</u> The software has passed the Airspace Authorisations <i>Test 20 - Area falls within an existing advisory (R405)</i> from the <i>RPAS Platform - Example Test Procedure - Part 2</i> .			

Declaration 23 – Simulated airspace authorisations (optional)

Test	Operating Rule	Test Scenario	Compliance		
			Compliant	Non-compliant	AltMoC proposed
23.1	[AA0006]	<u>User can submit an authorisation for a simulated operation.</u> The software includes the option to flag simulated flights with status “ <i>Simulated – Show on Interface</i> ”.			
23.2	[AA0006]	<u>User can submit an authorisation for a simulated operation.</u> The software includes the option to flag simulated flights with status “ <i>Simulated – Do Not Show on Interface</i> ” is submitted.			