Esri Accessibility Conformance Report ArcGIS Drone2Map

Report Date: July 07, 2023

07/07/2023 Table of Contents

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Esri Accessibility Conformance Report

Product Information

Product Name/Version: ArcGIS Drone2Map (v2023.1)

Report Template: Revised Section 508 Edition (based on VPAT® version 2.4)

Product Release Date: February 23, 2023

Report Date: July 07, 2023

Product Description: ArcGIS Drone2Map is a desktop application that turns raw images from drones into valuable information products in ArcGIS. Drone2Map provides a streamlined workflow to create 2D True Orthos and DEMs and 3D point clouds and textured meshes of their project areas. Drone2Map also allows users to perform analysis and easily share their maps and data products on ArcGIS Online or ArcGIS Enterprise.

Notes: This product does not contain any prerecorded or live audio-only and video-only content.

Evaluation Methods Used: Testing ArcGIS Drone2Map involved a combination of manual and functional testing on desktop. The product was tested by certified accessibility professionals on a selection of the application representative of ArcGIS Drone2Map using, among other methodology, the screen reader JAWS 2022, exclusive use of the keyboard, and manual inspection of code. Functional testing of typical user workflows was also conducted.

Legal Disclaimer: As of the testing date to which this document relates to, this document describes the Esri product's ability to support certain WCAG standards for informational purposes only, and the contents are subject to change without notice.

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Table 1: Applicable Standards and Guidelines

Standards / Guidelines	Included In Report
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 Standards	(Yes)
EN 301 549 V3.1.1	(Yes)

Table 2: Record of Changes

Version	Date	Description of Changes
1.0	07/07/2023	Evaluation results and explanations updated by testing vendor (initial version)
2.0	08/21/2023	Updated to 2.4 VPAT® template and Esri ACR format
2.1	08/30/2023	Evaluation results and explanations updated by certified accessibility professionals and Esri internal.

Purpose

The Voluntary Product Accessibility Template (VPAT®) – used to create Esri Accessibility Conformance Reports – is a template used to document a product's conformance with accessibility standards and guidelines. The purpose of the VPAT® is to assist customers and buyers in making preliminary assessments regarding the availability of commercially-available Information and Communication Technology (ICT) products and services with features that support accessibility.

Background

On March 20, 2017, the Architectural and Transportation Barriers Compliance Board (Access Board) revised, updated, and combined standards for ICT developed, procured, maintained, or used by federal agencies covered by Section 508 of the Rehabilitation Act of 1973 and Section 255 of the Communications Act of 1934. The revisions and updates to these standards are intended to ensure that electronic media is accessible to and usable by individuals with disabilities.

Terms

The terms used in the 'Conformance Level' information are defined as follows:

Table 3: Conformance Level Definitions

Conformance Level	Definition
Supports	The functionality of the product has at least one method that meets the criterion or meets with equivalent facilitation.
Partially Supports	Product does not entirely meet the letter and intent of the criterion, but does provide some level of access.
	OR
	Product provides alternative methods to meet the intent of the criterion.
Does Not Support	The majority of product functionality does not meet the criterion.
Not Applicable	The criterion is not relevant to the product.
Not Evaluated	The product has not been evaluated against the criterion.

Revised Section 508 Considerations

Application and Administration

Information and Communication Technology (ICT) that is procured, developed, maintained, or used by agencies shall conform to these requirements. Section 508 of the Rehabilitation Act (29 U.S.C. 794d) applies to federal departments and agencies, including the U.S. Postal Service. The term "agency" is defined in Section E103 to include the United States Postal Service and other federal agencies and departments as specified in 44 U.S.C. 3502. That section of the U.S.C. defines agency to mean any executive department, military department, Government corporation, Government controlled corporation, or other establishment in the executive branch of the Government (including the Executive Office of the President), or any independent regulatory agency, but does not include (a) the General Accounting Office; (b) Federal Election Commission; (c) the governments of the District of Columbia and of the territories and possessions of the United States, and their various subdivisions; or (d) Government-owned contractor-operated facilities, including laboratories engaged in national defense research and production activities.

All sections of the technical standards may apply to this product and are individually addressed in the following sections. This applies to the majority of ArcGIS software, services, and solutions.

Scoping Requirements

Section 508 Chapter 2 addresses application and scoping of the Revised 508 Standards, including exceptions. Multiple significant changes were made to this chapter, including:

- Adding a category to E205.3, official agency communications that are non-public facing electronic covered content;
- Clarifying the application of WCAG 2.0 to non-Web documents and software; and
- Made corresponding changes to E205.4 and E207.2, including adding E205.4.1 and E207.3, which specify the word substitution necessary to apply WCAG 2.0 to non-Web content.

207.2 WCAG Conformance. User interface components and content of platforms and applications shall conform to Level A and Level AA Success Criteria and Conformance Requirements specified for webpages in WCAG 2.0.

Functional Performance Criteria

301.1 Scope. The requirements of Chapter 3 shall apply to ICT where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

Hardware

401.1 Scope. The requirements of Chapter 4 shall apply to ICT that is hardware where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

EXCEPTION: Hardware that is assistive technology shall not be required to conform to the requirements of this chapter.

402.1 General. ICT with closed functionality shall be operable without requiring the user to attach or install assistive technology other than personal headsets or other audio couplers, and shall conform to 402.

Software

501.1 Scope. The requirements of Chapter 5 shall apply to software where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

EXCEPTION: Where Web applications do not have access to platform accessibility services and do not include components that have access to platform accessibility services, they shall not be required to conform to 502 or 503 provided that they conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).

502.1 General. Software shall interoperate with assistive technology and shall conform to 502.

502.2 Documented Accessibility Features. Software with platform features defined in platform documentation as accessibility features shall conform to 502.2.

Support Documentation and Services

602.1 General. Documentation that supports the use of ICT shall conform to 602.

Web Content Accessibility Guidelines (WCAG) Report

WCAG Principle 1: Perceivable

Information and user interface components must be presentable to users in ways they can perceive. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 4: WCAG Principle 1 Success Criteria - Perceivable

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below.	Partially Supports	The product provides sufficient text alternatives for most non-text content, such as images, icons, and visual affordances, or is hidden from assistive technology. A rating of Partially Supports has been given for the following reason(s):
Controls, InputTime-Based Media		 The preview window element is focusable but lacks a descriptive label.
Test		 A tooltip and accessible name do not align.
SensoryCAPTCHA		 The Show / Hide accordion style toggles provide name and state but not role. The colors popup does not have a name for
Decoration, Formatting, Invisible		each color set programmatically.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	The product does not currently contain pre-recorded
For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such:		audio-only or pre-recorded video-only content.
Prerecorded Audio-only		
Prerecorded Video-only		

Criteria	Conformance Level	Remarks and Explanations
1.2.2 Captions (Prerecorded) (Level A) Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Supports	The product does not currently contain pre-recorded content requiring synchronized captions.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such.	Supports	The product does not currently contain any prerecorded video content that would require audio description or a time-based media alternative.
1.2.4 Captions (Live) (Level AA) Captions are provided for all live audio content in synchronized media.	Supports	The product does not currently contain live audio content.
1.2.5 Audio Description (Prerecorded) (Level AA) Audio description is provided for all prerecorded video content in synchronized media.	Supports	The product does not currently contain any prerecorded video content that would require audio description.
1.3.1 Info and Relationships (Level A) Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.	Partially Supports	 Most user interface elements in the product provide programmatic and/or textual information about structure and relationships. A rating of Partially Supports has been given for the following reason(s): The preview window element is focusable but lacks a descriptive label. A tooltip and accessible name do not align. The Show / Hide accordion style toggles provide name and state but not role. The colors popup does not have a name for each color set programmatically.

Criteria	Conformance Level	Remarks and Explanations • Grouping is missing for form controls.
1.3.2 Meaningful Sequence (Level A) When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.	Supports	The reading order of the content matches the visual and logical order, and can be programmatically determined.
1.3.3 Sensory Characteristics (Level A) Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound.	Supports	The product provides instructions for understanding and operating content that do not rely solely on sensory characteristics.
1.3.4 Orientation (Level AA – WCAG 2.1) Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.	Supports	The product does not restrict its view and operation to a single display orientation and responds appropriately to screen orientation changes.
 1.3.5 Identify Input Purpose (Level AA – WCAG 2.1) The purpose of each input field collecting information about the user can be programmatically determined when: The input field serves a purpose identified in the Input Purposes for User Interface Components section; and The content is implemented using technologies with support for identifying the expected meaning for form input data. 	Supports	The purpose of each input field in the product collecting information about the user can be programmatically determined.
1.4.1 Use of Color (Level A)	Partially Supports	Throughout most of the product, color is not used as the only visual means of conveying information, indicating an action, prompting a response, or

Criteria	Conformance Level	Remarks and Explanations
Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Comornance Level	distinguishing a visual element. A rating of Partially Supports has been given for the following reason(s): • Some instances are differentiated using only color.
1.4.2 Audio Control (Level A) If any audio on a Webpage plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.	Supports	The product does not contain audio that plays automatically.
 1.4.3 Contrast (Minimum) (Level AA) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; Incidental: Text or images of text that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content, have no contrast requirement. Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement. 	Partially Supports	The product meets or exceeds minimum contrast ratios on most components containing text or images of text. A rating of Partially Supports has been given for the following reason(s): • Some instances have a contrast ratio below 4.5:1.
1.4.4 Resize text (Level AA) Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.	Partially Supports	Most text can be resized without assistive technology up to 200 percent without loss of content or functionality. A rating of Partially Supports has been given for the following reason(s):

Criteria	Conformance Level	Remarks and Explanations
		 When viewed at a lower resolution or with larger font sizes, content at the bottom of the application gets cut off.
1.4.5 Images of Text (Level AA)	Supports	Text is used to convey information rather than
If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following:		images of text, except where a particular presentation of text is essential to the information being conveyed, such as in logotypes.
 Customizable: The image of text can be visually customized to the user's requirements; 		
 Essential: A particular presentation of text is essential to the information being conveyed (includes logotypes). 		
1.4.10 Reflow (Level AA – WCAG 2.1)	Partially Supports	Most content in the product responds and reflows as
Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:		necessary when zoomed and does not require scrolling in two dimensions. Aa rating of Partially Supports has been given for the following reason(s):
 Vertical scrolling content at a width equivalent to 320 CSS pixels 		 At 175% (the largest available on this device), the content at the bottom of the app is cut off.
 Horizontal scrolling content at a height equivalent to 256 CSS pixels 		
1.4.11 Non-text Contrast (Level AA – WCAG 2.1)	Partially Supports	Most user interface components and meaningful
The visual presentation of non-text content has a contrast ratio of at least 3:1 against adjacent color(s).		graphics in the product have a contrast ratio of at least 3:1 against adjacent colors. A rating of Partially Supports has been given for the following reason(s):
		 Some instances have a contrast ratio below 3:1.

Criteria	Conformance Level	Remarks and Explanations
1.4.12 Text Spacing (Level AA – WCAG 2.1)	Supports	There is no loss of content or functionality in the product when users override author specified text styles.
In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:		
 Line height (line spacing) to at least 1.5 times the font size 		
 Spacing following paragraphs to at least 2 times the font size 		
 Letter spacing (tracking) to at least 0.12 times the font size 		
 Word spacing to at least 0.16 times the font size. 		
1.4.13 Content on Hover or Focus (Level AA – WCAG 2.1)	Supports	The product does not contain elements triggered by
Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:		hover or focus.
Dismissible		
Hoverable		
Persistent		

WCAG Principle 2: Operable

User interface components and navigation must be operable. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 5: WCAG Principle 2 Success Criteria - Operable

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A) All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.	Partially Supports	Most of the basic functionality of the product can be operated through a keyboard interface. A rating of Partially Supports has been given for the following reason(s): • Some controls are not operable using a keyboard.
2.1.2 No Keyboard Trap (Level A) If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.	Partially Supports	Most of the product does not feature any content or controls that cause a keyboard trap. However, a rating of Partially Supports has been given for the following reason(s): • Some image tables trap the keyboard focus.
 2.1.4 Character Key Shortcuts (Level A – WCAG 2.1) If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: Turn off: A mechanism is available to turn the shortcut off 	Supports	The product does not currently include any character key shortcuts implemented in content.

Criteria	Conformance Level	Remarks and Explanations
 Remap: A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc.) 		
 Active only on focus: The keyboard shortcut for a user interface component is only active when that component has focus. 		
2.2.1 Timing Adjustable (Level A)	Supports	The product does not currently contain content that
For each time limit that is set by the content, at least one of the following is true:		requires time limits or timed interactions.
 Turn off: The user is allowed to turn off the time limit before encountering it; or 		
 Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or 		
 Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or 		
 Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or 		
 Essential Exception: The time limit is essential and extending it would invalidate the activity; or 		
 20 Hour Exception: The time limit is longer than 20 hours. 		
Note: This success criterion helps ensure that users can complete tasks without unexpected changes in content or context that are a result of a time limit. This success criterion		

Criteria	Conformance Level	Remarks and Explanations
should be considered in conjunction with Success Criterion 3.2.1, which puts limits on changes of content or context as a result of user action.		
2.2.2 Pause, Stop, Hide (Level A)	Supports	The product does not include elements which move, blink, scroll, or auto-update.
For moving, blinking, scrolling, or auto-updating information, all of the following are true:		
 Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and 		
 Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. 		
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	The product does not contain flashing content.
Webpages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.		
2.4.1 Bypass Blocks (Level A)	Not Applicable	This success criteria does not apply to non-web
A mechanism is available to bypass blocks of content that are repeated on multiple Webpages.		software.
2.4.2 Page Titled (Level A)	Supports	Page titles describe the high-level topic or purpose of the pages.

Criteria	Conformance Level	Remarks and Explanations
Webpages have titles that describe topic or purpose.		
2.4.3 Focus Order (Level A) If a Webpage can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components	Partially Supports	Most components within the product receive focus in a meaningful order. A rating of Partially Supports has been given for the following reason(s):
receive focus in an order that preserves meaning and operability.		• The focus order of some interactive elements is not logical.
		 The focus does not move to the updated content.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Links are understandable from the text alone or from
The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.		the surrounding paragraph text.
2.4.5 Multiple Ways (Level AA)	Supports	Multiple ways of locating content are provided, such
More than one way is available to locate a Webpage within a set of Webpages except where the Webpage is the result of, or a step in, a process.		as search and global navigation systems, except when the location is the result of, or a step in, a process.
2.4.6 Headings and Labels (Level AA)	Partially Supports	Most content headings and labels are descriptive
Headings and labels describe topic or purpose.		and unique. A rating of Partially Supports has been given for the following reason(s):
		 Some controls do not have a descriptive label.
2.4.7 Focus Visible (Level AA)	Partially Supports	Most focusable elements in the product have a
Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.		visible keyboard focus indicator. A rating of Partially Supports has been given for the following reason(s):

Criteria	Conformance Level	Remarks and Explanations
		 Some controls do not have a visual focus indicator.
2.5.1 Pointer Gestures (Level A – WCAG 2.1)	Supports	The product does not require multi-point or path- based pointer gestures for operation.
All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.		
2.5.2 Pointer Cancellation (Level A – WCAG 2.1)	Supports	The product contains only functionality that can be
For functionality that can be operated using a single pointer, at least one of the following is true:		activated on the up event of a single pointer.
 No Down-Event: The down-event of the pointer is not used to execute any part of the function 		
 Abort or Undo: Completion of the function is on the up- event, and a mechanism is available to abort the function before completion or to undo the function after completion 		
Up Reversal: The up-event reverses any outcome of the preceding down-event		
Essential: Completing the function on the down-event is essential		
2.5.3 Label in Name (Level A – WCAG 2.1)	Partially Supports	The product includes the visible label for most user
For user interface components with labels that include text or images of text, the name contains the text that is presented visually.		interface controls within the accessible name. A rating of Partially Supports has been given for the following reason(s):
· · · · · · · · · · · · · · · · · · ·		 There are some accessible labels that do not include the visual text.

Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A – WCAG 2.1) Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:	Supports	The product does not contain any functionality that can be operated by device motion or user motion.
Supported Interface: The motion is used to operate functionality through an accessibility supported interface		
 Essential: The motion is essential for the function and doing so would invalidate the activity 		

WCAG Principle 3: Understandable

Information and the operation of user interface must be understandable. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 6: WCAG Principle 3 Success Criteria - Understandable

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (Level A) The default human language of each Webpage can be programmatically determined.	Supports	The language of each page in the product is programmatically determinable.
3.1.2 Language of Parts (Level AA) The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.	Supports	The language of each passage or phrase in content within the product can be programmatically determined.
3.2.1 On Focus (Level A) When any component receives focus, it does not initiate a change of context.	Supports	User interface components in the product do not initiate a change of context when they receive focus.
3.2.2 On Input (Level A) Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.	Partially Supports	Most of the product does not cause an unexpected change of context on user input. A rating of Partially Supports has been given for the following reason(s): • When "Enter accuracy values manually" or "Enter accuracy values form file" is activated, focus moves to the top of the dialog.
3.2.3 Consistent Navigation (Level AA) Navigational mechanisms that are repeated on multiple Webpages within a set of Webpages occur in the same relative	Supports	When navigational mechanisms are repeated in the product, they occur in a consistent relative order and appearance.

Criteria	Conformance Level	Remarks and Explanations
order each time they are repeated, unless a change is initiated by the user.		
3.2.4 Consistent Identification (Level AA)	Supports	Components with the same functionality throughout
Components that have the same functionality within a set of Webpages are identified consistently.		the product are identified consistently.
3.3.1 Error Identification (Level A)	Supports	Where input errors are automatically detected in the
If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.		product, items in error are identified and error messages are conveyed to assistive technologies or in text.
3.3.2 Labels or Instructions (Level A)	Partially Supports	The product provides sufficient instructions for user input in most cases. A rating of Partially Supports has been given for the following reason(s):
Labels or instructions are provided when content requires user input.		
		 There are some form controls that lack visible labels.
		 There are some form inputs with visible labels that are not associated programmatically.
3.3.3 Error Suggestion (Level AA)	Supports	The product provides suggestions to the user when
If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.		input errors are automatically detected (except where this would jeopardize security).

Criteria	Conformance Level	Remarks and Explanations
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) For Webpages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:	Supports	Throughout the product, changes to user-controllable data are reversible, or can be checked or confirmed before finalizing. The product does not process legal commitments or financial transactions.
 Reversible: Submissions are reversible. 		
 Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. 		
 Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. 		

WCAG Principle 4: Robust

Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies. Criteria also apply to Revised Section 508 standards for Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Table 7: WCAG Principle 4 Success Criteria - Robust

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A) In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.	Supports	Content throughout the product can be parsed by assistive technologies as expected.
Note: Start and end tags that are missing a critical character in their formation, such as a closing angle bracket or a mismatched attribute value quotation mark are not complete.		
4.1.2 Name, Role, Value (Level A) For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.	Partially Supports	Most user interface components throughout the product convey their name, role, or value to assistive technology A rating of Partially Supports has been given for the following reason(s): Inappropriate state information is used for some controls. The role is not provided for most of the controls.
Note: This success criterion is primarily for Web authors who develop or script their own user interface components. For example, standard HTML controls already meet this success criterion when used according to specification.		 Some information is not conveyed to screen reader users. Screen reader users are unable to access the information.

Criteria	Conformance Level	Remarks and Explanations
4.1.3 Status Messages (Level AA – WCAG 2.1)	Supports	Status messages, when provided in the product, are
In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.		presented in a way that can be programmatically determined and do not require that they receive focus

Revised Section 508 Report

Chapter 3: Functional Performance Criteria

Table 8: Revised Section 508 Chapter 3 - Functional Performance Criteria

Criteria	Conformance Level	Remarks and Explanations
 Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision. Related WCAG success criteria: Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.13 Content on Hover or Focus Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 	Partially Supports	 A rating of Partially Supports has been given due to the following related WCAG criteria: As described in 1.1.1 Non-text Content, some controls lack role and name information, some tooltips do not align with accessible name. As described in 1.3.1 Info and Relationships, some controls lack role and name information, some tooltips do not align with accessible name, grouping is missing for some form controls. As described in 1.4.1 Use of Color, some instances are differentiated using only color. As described in 2.1.1 Keyboard, some controls are not operable using a keyboard. As described in 2.1.2 No Keyboard Trap, some image tables trap the keyboard focus. As described in 2.4.3 Focus Order, the focus order of some interactive elements is not logical. As described in 3.4.6 Headings and Labels, some controls do not have a descriptive label. As described in 3.2.2 On Input, when "Enter accuracy values manually" or "Enter accuracy values form file" is activated, focus moves to the top of the dialog.

Criteria	Conformance Level	Remarks and Explanations
		 As described in 4.1.2 Name, Role, Value, inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.
302.2 With Limited Vision	Partially Supports	A rating of Partially Supports has been given due to

302.2 With Limited Vision

Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.

Related WCAG success criteria:

- Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1,2,4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus
- Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name. 2.5.4 Motion Actuation
- Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error

A rating of Partially Supports has been given due to the following related WCAG criteria:

- As described in 1.1.1 Non-text Content, some controls lack role and name information, some tooltips do not align with accessible name.
- As described in 1.3.1 Info and **Relationships.** some controls lack role and name information, some tooltips do not align with accessible name, grouping is missing for some form controls.
- As described in 1.4.1 Use of Color, some instances are differentiated using only color.
- As described in 1.4.3 Contrast (minimum). some instances have a contrast ratio below 4.5:1.
- As described in **1.4.4 Resize text**, when viewed at a lower resolution or with larger font sizes, the content at the bottom of the application gets cut off.
- As described in 2.1.1 Keyboard, some controls are not operable using a keyboard.
- As described in 2.1.2 No Keyboard Trap, some image tables trap the keyboard focus.
- As described in **2.4.3 Focus Order**, the focus order of some interactive elements is not logical.

Criteria Conformance Level Remarks and Explanations

Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention

 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

- As described in 2.4.6 Headings and Labels, some controls do not have a descriptive label.
- As described in 2.4.7 Focus Visible, some controls do not have a visual focus indicator.
- As described in 3.2.2 On Input, when "Enter accuracy values manually" or "Enter accuracy values form file" is activated, focus moves to the top of the dialog.
- As described in 3.3.2 Labels or Instructions, some form controls that lack visible labels, some form inputs with visible labels that are not associated programmatically.
- As described in 4.1.2 Name, Role, Value, the inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.

Criteria	Conformance Level	Remarks and Explanations
302.3 Without Perception of Color Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color. Related WCAG success criteria: Perceivable: 1.3.3 Sensory Characteristics, 1.4.1 Use of	Partially Supports	 A rating of Partially Supports has been given due to the following related WCAG criteria: As described in 1.4.1 Use of Color, some instances are differentiated using only color. As described in 1.4.3 Contrast (minimum), some instances have a contrast ratio below 4.5:1.
 Color, 1.4.3 Contrast (Minimum), 1.4.5 Images of Text, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing Operable: 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.3 Label in Name 		
 <u>Understandable</u>: 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification <u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 		
302.4 Without Hearing	Supports	The product does not require the use of hearing.
Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.	.,	
Related WCAG success criteria:		
 Perceivable: 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control 		
Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages		

Criteria	Conformance Level	Remarks and Explanations
302.5 With Limited Hearing	Supports	The product does not require the use of hearing.
Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.		
Related WCAG success criteria:		
 <u>Perceivable</u>: 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control 		
 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 		
302.6 Without Speech	Supports	The product does not require the use of speech.
Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.		
Related WCAG success criteria:		
Robust: 4.1.1 Parsing 4.1.2 Name Role Value 4.1.3 Status		

 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

Criteria	Conformance Level	Remarks and Explanations
 Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations. Related WCAG success criteria: Perceivable: 1.1.1 Non-text Content Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation Understandable: 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 	Partially Supports	 A rating of Partially Supports has been given due to the following related WCAG criteria: As described in 2.1.1 Keyboard, some controls are not operable using a keyboard. As described in 2.1.2 No Keyboard Trap, some image tables trap the keyboard focus. As described in 2.4.3 Focus Order, the focus order of some interactive elements is not logical. As described in 2.4.6 Headings and Labels, some controls do not have a descriptive label. As described in 2.4.7 Focus Visible, some controls do not have a visual focus indicator. As described in 4.1.2 Name, Role, Value, inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.

Criteria	Conformance Level	Remarks and Explanations
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302.8 With Limited Reach and Strength	Supports	The product's features allow people with limited
Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.		reach or strength to interact with the user interface.
Related WCAG success criteria:		
Perceivable: 1.1.1 Non-text Content		
 Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation 		
 Understandable: 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention 		
 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 		
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	A rating of Partially Supports has been given due to the following related WCAG criteria:
ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier. Related WCAG success criteria:		 As described in 1.3.1 Info and Relationships, some controls lack role and name information, some tooltips do not align with accessible name, grouping is missing for some form controls. As described in 1.4.1 Use of Color, some instances are differentiated using only color. As described in 2.1.1 Keyboard, some controls are not operable using a keyboard.
 Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 		

Criteria Conformance Level Remarks and Explanations

Identify Input Purpose, 1.4.1 Use of Color, 1.4.2 Audio

Ocartes (A.4.2 Conformance Level Remarks and Explanations

• As described in 2.4.3 Focus Ord

Identify Input Purpose, 1.4.1 Use of Color, 1.4.2 Audio Control, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus

- Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation
- Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention
- Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

- As described in 2.4.3 Focus Order, the focus order of some interactive elements are not logical.
- As described in 2.4.6 Headings and Labels, some controls don't have a descriptive label.
- As described in 2.4.7 Focus Visible, some controls don't have a visual focus indicator.
- As described in 3.2.2 On Input, when "Enter accuracy values manually" or "Enter accuracy values form file" is activated, focus moves to the top of the dialog.
- As described in 3.3.2 Labels or Instructions, some form controls that lack visible labels, some form inputs with visible labels that are not associated programmatically.
- As described in 4.1.2 Name, Role, Value, the inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.

<u>Chapter 4</u>: Hardware

ArcGIS Drone2Map is not impacted by Chapter 4: Hardware. This section has been removed from the report.

07/07/2023 Revised Section 508 Report

<u>Chapter 5</u>: Software

This section has been removed from the report.

07/07/2023 Revised Section 508 Report

<u>Chapter 6</u>: Support Documentation and Services

The language included in this section is based on an internal evaluation of the ArcGIS Drone2Map support documentation and services.

Table 9: Revised Section 508 Chapter 6 - Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
602 Support Documentation		
602.2 Accessibility and Compatibility Features	Partially Supports	This product report is not impacted by Chapters 4 and 5.
Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are built-in and accessibility features that provide compatibility with assistive technology.		
602.3 Electronic Support Documentation	Partially Supports	Web-based electronic support documentation is available for this product.
Documentation in electronic format, including Web-based self- service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).		
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Web-based electronic support documentation is available for this product.
Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.		

Criteria	Conformance Level	Remarks and Explanations
603 Support Services		

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Criteria	Conformance Level	Remarks and Explanations
603.2 Information on Accessibility and Compatibility Features	Partially Supports	This product report is not impacted by Chapters 4 and 5 (as described in 602.2).
ICT support services shall include information on the accessibility and compatibility features required by 602.2.		
603.3 Accommodation of Communication Needs	Supports	Technical support is available directly to the user for
Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities.		this product, and Esri Accessibility contact information is provided in this report.

EN 301 549 Report

Chapter 4: Functional Performance Statements (FPS)

Table 10: EN 301 549 Chapter 4 - Functional Performance Statements

 4.2.1 Usage Without Vision Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that does not require vision. This is essential for users without vision and benefits many more users in different situations. Related WCAG success criteria: Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.5 Audio Description or Media Alternative (Prerecorded), 1.2.5 Audio Description or Media Alternative (Prerecorded), 1.2.5 Audio Description or Media Alternative (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.13 Content on Hover or Focus Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Lin Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention A rating of Partially Supports has been given due to the following related WCAG criteria: A described in 1.1.1 Non-text Content, some controls lack role and name information, some tooltips do not align with accessible name, grouping is missing for some form controls. As described in 1.3.1 Info and Relationships, some controls at name information, some tooltips do not align with accessible name, grouping is missing for some form controls. As described in 1.4.1 Use of Color, some instances are differentiated using only color. As described in 2.1.3 Keyboard Trap

Criteria	Conformance Level	Remarks and Explanations
Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages		 As described in 4.1.2 Name, Role, Value, inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.
4.2.2 Usage With Limited Vision	Partially Supports	A rating of Partially Supports has been given due
Where ICT provides visual modes of operation, the ICT provides		the following related WCAG criteria:

Related WCAG success criteria:

many more users in different situations.

Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus

features that enable users to make better use of their limited

vision. This is essential for users with limited vision and benefits

- Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation
- <u>Understandable</u>: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error

- As described in 1.1.1 Non-text Content, some controls lack role and name information, some tooltips do not align with accessible name.
- As described in 1.3.1 Info and Relationships, some controls lack role and name information, some tooltips do not align with accessible name, grouping is missing for some form controls.
- As described in 1.4.1 Use of Color, some instances are differentiated using only color.
- As described in 1.4.3 Contrast (minimum), some instances have a contrast ratio below 4.5:1.
- As described in 1.4.4 Resize text, when viewed at a lower resolution or with larger font sizes, the content at the bottom of the application gets cut off.
- As described in 2.1.1 Keyboard, some controls are not operable using a keyboard.
- As described in **2.1.2 No Keyboard Trap**, some image tables trap the keyboard focus.
- As described in 2.4.3 Focus Order, the focus order of some interactive elements is not logical.

Criteria Conformance Level Remarks and Explanations

Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention

 <u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

- As described in 2.4.6 Headings and Labels, some controls do not have a descriptive label.
- As described in 2.4.7 Focus Visible, some controls do not have a visual focus indicator.
- As described in 3.2.2 On Input, when "Enter accuracy values manually" or "Enter accuracy values form file" is activated, focus moves to the top of the dialog.
- As described in 3.3.2 Labels or Instructions, some form controls that lack visible labels, some form inputs with visible labels that are not associated programmatically.
- As described in 4.1.2 Name, Role, Value, the inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.

Criteria	Conformance Level	Remarks and Explanations
 4.2.3 Usage Without Perception of Color Where ICT provides visual modes of operation, the ICT provides a visual mode of operation that does not require user perception of color. This is essential for users with limited color perception and benefits many more users in different situations. Related WCAG success criteria: Perceivable: 1.3.3 Sensory Characteristics, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.5 Images of Text, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing Operable: 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.3 Label in Name Understandable: 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 	Partially Supports	 A rating of Partially Supports has been given due to the following related WCAG criteria: As described in 1.4.1 Use of Color, some instances are differentiated using only color. As described in 1.4.3 Contrast (minimum), some instances have a contrast ratio below 4.5:1.
 4.2.4 Usage Without Hearing Where ICT provides auditory modes of operation, the ICT provides at least one mode of operation that does not require hearing. This is essential for users without hearing and benefits many more users in different situations. Related WCAG success criteria: Perceivable: 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control 	Supports	The product does not require the use of hearing.

Criteria	Conformance Level	Remarks and Explanations
 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 		
4.2.5 Usage With Limited Hearing	Supports	The product does not require the use of hearing.
Where ICT provides auditory modes of operation, the ICT provides enhanced audio features. This is essential for users with limited hearing and benefits many more users in different situations.		
Related WCAG success criteria:		
 Perceivable: 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory Characteristics, 1.4.2 Audio Control 		
 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 		
4.2.6 Usage With No or Limited Vocal Capacity	Supports	The product is usable by those with no or limited
Where ICT requires vocal input from users, the ICT provides at least one mode of operation that does not require them to generate vocal output. This is essential users with no or limited vocal capability and benefits many more users in different situations.		vocal capability.
Related WCAG success criteria:		
 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 		

Criteria	Conformance Level	Remarks and Explanations
 4.2.7 Usage With Limited Manipulation or Strength Where ICT requires manual actions, the ICT provides features that enable users to make use of the ICT through alternative actions not requiring manipulation, simultaneous action or hand strength. This is essential for users with limited manipulation or strength and benefits many more users in different situations. Related WCAG success criteria: Perceivable: 1.1.1 Non-text Content Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation Understandable: 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 	Partially Supports	 A rating of Partially Supports has been given due to the following related WCAG criteria: As described in 2.1.1 Keyboard, some controls are not operable using a keyboard. As described in 2.1.2 No Keyboard Trap, some image tables trap the keyboard focus. As described in 2.4.3 Focus Order, the focus order of some interactive elements is not logical. As described in 2.4.6 Headings and Labels, some controls do not have a descriptive label. As described in 2.4.7 Focus Visible, some controls do not have a visual focus indicator. As described in 4.1.2 Name, Role, Value, inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.

Criteria	Conformance Level	Remarks and Explanations
4.2.8 Usage With Limited Reach	Supports	The product's features allow people with limited
Where ICT products are free-standing or installed, all the elements required for operation will need to be within reach of all users. This is essential for users with limited reach and benefits many more users in different situations.		reach or strength to interact with the user interface.
Related WCAG success criteria:		
Perceivable: 1.1.1 Non-text Content		
 Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation 		
 Understandable: 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention 		
 Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages 		
4.2.9 Minimize Photosensitive Seizure Triggers	Supports	The product does not contain photosensitive seizure
Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that minimizes the potential for triggering photosensitive seizures. This is essential for users with photosensitive seizure triggers.		triggers or flashing content.
Related WCAG success criteria:		
 Perceivable: 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.2 Captions (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.3 Sensory 		

Criteria Conformance Level Remarks and Explanations

Characteristics,, 1.4.1 Use of Color, 1.4.3 Contrast (Minimum), 1.4.5 Images of Text, 1.4.11 Non-text Contrast, 1.4.13 Content on Hover or Focus

- Operable: 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold
- <u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

4.2.10 Usage With Limited Cognition, Language, or Learning

The ICT provides features and/or presentation that makes it simpler and easier to understand, operate and use. This is essential for users with limited cognition, language or learning, and benefits many more users in different situations.

Related WCAG success criteria:

- Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.4 Captions (Live), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.2 Audio Control, 1.4.3 Contrast (Minimum), 1.4.4 Resize Text, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.11 Non-text Contrast, 1.4.12 Text Spacing, 1.4.13 Content on Hover or Focus
- Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.3.1 Three Flashes or Below Threshold, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.4.7 Focus Visible, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation

Partially Supports

A rating of Partially Supports has been given due to the following related WCAG criteria:

- As described in 1.3.1 Info and Relationships, some controls lack role and name information, some tooltips do not align with accessible name, grouping is missing for some form controls.
- As described in 1.4.1 Use of Color, some instances are differentiated using only color.
- As described in 2.1.1 Keyboard, some controls are not operable using a keyboard.
- As described in 2.4.3 Focus Order, the focus order of some interactive elements are not logical.
- As described in 2.4.6 Headings and Labels, some controls don't have a descriptive label.
- As described in 2.4.7 Focus Visible, some controls don't have a visual focus indicator.
- As described in 3.2.2 On Input, when "Enter accuracy values manually" or "Enter accuracy values form file" is activated, focus moves to the top of the dialog.

Criteria Conformance Level Remarks and Explanations

• Understandable: 3.1.1 Language of Page, 3.1.2 Language of

• As described in 3.3.2 Labels or

Supports

- Understandable: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention
- <u>Robust</u>: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

- As described in 3.3.2 Labels or Instructions, some form controls that lack visible labels, some form inputs with visible labels that are not associated programmatically.
- As described in 4.1.2 Name, Role, Value, the inappropriate state information is used for some controls, most of the controls lack role, some information is not conveyed to screen reader users, screen reader users are unable to access the information.

4.2.11 Privacy

Where ICT provides features for accessibility, the ICT maintains the privacy of users of these features at the same level as other users.

Related WCAG success criteria:

- Perceivable: 1.1.1 Non-text Content, 1.2.1 Audio-only and Video-only (Prerecorded), 1.2.3 Audio Description or Media Alternative (Prerecorded), 1.2.5 Audio Description (Prerecorded), 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.3.3 Sensory Characteristics, 1.3.5 Identify Input Purpose, 1.4.1 Use of Color, 1.4.5 Images of Text, 1.4.10 Reflow, 1.4.13 Content on Hover or Focus
- Operable: 2.1.1 Keyboard, 2.1.2 No Keyboard Trap, 2.1.4 Character Key Shortcuts, 2.2.1 Timing Adjustable, 2.2.2 Pause, Stop, Hide, 2.4.1 Bypass Blocks, 2.4.2 Page Titled, 2.4.3 Focus Order, 2.4.4 Link Purpose (In Context), 2.4.5 Multiple Ways, 2.4.6 Headings and Labels, 2.5.1 Pointer Gestures, 2.5.2 Pointer Cancellation, 2.5.3 Label in Name, 2.5.4 Motion Actuation
- <u>Understandable</u>: 3.1.1 Language of Page, 3.1.2 Language of Parts, 3.2.1 On Focus, 3.2.2 On Input, 3.2.3 Consistent

The product does not cause legal commitments or financial transactions for the user to occur, does not modify or delete user-controllable data in data storage systems, and does not submit user test responses. No spoken version of characters being mashed is available. Use of headphones is not restricted in any way.

Criteria Conformance Level Remarks and Explanations

Navigation, 3.2.4 Consistent Identification, 3.3.1 Error Identification, 3.3.2 Labels or Instructions, 3.3.3 Error Suggestion, 3.3.4 Error Prevention

• Robust: 4.1.1 Parsing, 4.1.2 Name, Role, Value, 4.1.3 Status Messages

Chapter 5: Generic Requirements

ArcGIS Drone2Map is not impacted by Chapter 5: Generic Requirements. This section has been removed from the report.

Chapter 6: ICT with Two-Way Voice Communication

ArcGIS Drone2Map is not impacted by Chapter 6: ICT with Two-Way Voice Communication. This section has been removed from the report.

<u>Chapter 7</u>: ICT with Video Capabilities

ArcGIS Drone2Map is not impacted by Chapter 7: ICT with Voice Capabilities. This section has been removed from the report.

Chapter 8: Hardware

ArcGIS Drone2Map is not impacted by Chapter 8: Hardware. This section has been removed from the report.

Chapter 9: Web (see WCAG section)

This section has been removed from the report.

Chapter 10: Non-Web Documents

ArcGIS Drone2Map is not impacted by Chapter 10: Non-Web Documents. This section has been removed from the report.

Chapter 11: Software

This section has been removed from the report.

<u>Chapter 12</u>: Documentation and Support Services

The language included in this section is based on an internal evaluation of the ArcGIS Drone2Map support documentation and services.

Table 11: EN 301 549 Chapter 12 - Documentation and Support Services

Criteria	Conformance Level	Remarks and Explanations
12.1 Product Documentation		
12.1.1 Accessibility and Compatibility Features	Supports	Web-based electronic support documentation is available for this product.
Product documentation provided with the ICT whether provided separately or integrated within the ICT shall list and explain how to use the accessibility and compatibility features of the ICT.		
12.1.2 Accessible Documentation	Supports	Web-based electronic support documentation is
Product documentation provided with the ICT shall be made available in at least one of the following electronic formats: web or non-web.		available for this product.
12.2 Support Services		
12.2.2 Information on Accessibility and Compatibility Features	Supports	Technical support is available directly to the user for this product, and Esri Accessibility contact information is provided in this report.
ICT support services shall provide information on the accessibility and compatibility features that are mentioned in the product documentation.		
12.2.3 Effective Communication	Supports	Technical support is available directly to the user for
ICT support services shall accommodate the communication needs of individuals with disabilities either directly or through a referral point.		this product, and Esri Accessibility contact information is provided in this report.

Criteria	Conformance Level	Remarks and Explanations
12.2.4 Accessible Documentation	Supports	Web-based electronic support documentation is
Documentation provided by support services shall be made available in at least one of the following electronic formats: web or non-web.		available for this product.