Product Accessibility Assessment

Name of Product: imagePROGRAF 8400S

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The rules below refer to the Electronic and Information Technology Accessibility Standards (covered by Section 508 of the Rehabilitation Acts of 1998) issued by the Architectural and Transportation Compliance Board.

Summary Table Voluntary Product Accessibility Template		
Criteria	**Supporting Features**	**Remarks and explanations**
Section 1194.21 Software Applications and Operating Systems	Support with exception	Applied to Printer Driver
Section 1194.22 Web-based internet information and applications	Support with exception	Applied to Remote User Interface
Section 1194.23 Telecommunications Products	Not Applicable	
Section 1194.24 Video and Multi-media Products	Not Applicable	
Section 1194.25Self-Contained, Closed Products	Support with exception	There may be difficulties when used by an individual who is blind. Installation and maintenance, which is outside the scope of Section 508,may also be difficult for users with disabilities.
Section 1194.26 Desktop and Portable Computers	Not Applicable	
Section 1194.31 Functional Performance Criteria	Support with exception	There may be difficulties when used by an individual who is blind.
Section 1194.41 Information, documentation and Support	Support with execption	

*Please refer to the following pages for detailed information on supporting features and exceptions.

Section 1194.21 Software Applications and Operating Systems - Detail Voluntary Product Accessibility Template		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Support with exception	Certain Status Monitor function cannot be executed
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Support	
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Support with exception	Certain Status Monitor and Page Composer function are not applicable.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Support with exception	Certain Status Monitor and Page Composer function are not applicable.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Support	
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Support with exception	Certain edit watermark function cannot be read by a screen reader.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Support	

(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not applicable	.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Support with exception	Certain Page Composer function are not applicable
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Not applicable	
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Support with exception	Certain Status Monitor and Page Composer function are not applicable.

Section 1194.22 Web-based Internet information and applications - Detail
Voluntary Product Accessibility Template

Criteria	Supporting Features	Remarks and explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Support with exception	Certain non-text elements cannot be read, but they are accompanied by text information to be operable and legible.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Support	
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Support	
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Not applicable	
(g) Row and column headers shall be identified for data tables.	Support with exception	The job log sheet cannot be read by line. However, the job log display function of the Status monitor can be used as an alternative.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Not applicable	
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not applicable	
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever	Not applicable	

the primary page changes.		
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Support	
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).	Not applicable	
(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Support	
(o) A method shall be provided that permits users to skip repetitive navigation links.	Support with exception	Navigation skip is not provided but there is no problem in practical use.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

Section 1194.25 Self-Contained, Closed Products - Detail Voluntary Product Accessibility Template		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Support with exception	Equipped with industry standard interface. Products are usable through a Printer Driver and Remote UI.
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with Section 1194.23 (k) (1) through (4).	Not applicable	
(k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.	Supports	
(k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum.	Support with exception	To change the ink tank, the user needs to have the ability to grab and hold with their upper limbs.
(k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.	Dose not support	
(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	Support with exception	There may be difficulties when used by an individual who is blind.
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(e) When products provide auditory output, the audio signal shall be provided at a standard signal	Not applicable	

level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.		
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	Not applicable	
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.	Supports	
(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.	Support with exception	The output stacker is placed less than 15" from the floor.
(j)(3) Products which are freestanding, non-portable, and intended to be used in one location	Support with exception	The height of the product is more than

and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.		46 inches when the top cover is opened. However, the product can be used by holding the lower part of the side of the cover. The side covers are less than 24" from reference plane.
(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Supports	

Section 1194.31 Functional Performance Criteria - Detail Voluntary Product Accessibility Template		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Support with exception	Printing through a PC is possible for users who are blind, but there are difficulties with the use of the printer operational parts.
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Support with exception	As an operation of Remote UI, navigation skip is not provided although this is not overly burdensome.
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided.	Supports	
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Not applicable	
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Supports	
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Support with exception	Certain operational parts, such as changing the ink, may be difficult to reach from a seated position at the front of the device. However, it is easier to reach from the side.

Section 1194.41 Information, Documentation and Support		
Criteria	**Supporting Features**	**Remarks and explanations**
Product support documentation is available in alternate formats upon request.	Support with exception	Product support documentation will be provided upon request in electronic format, at no additional charge.
Users have access to a description of accessibility features.	Support	
Support services (such as Help Desks) accommodate users with disabilities.	Support	Canon U.S.A.,Inc. provides support services accommodating users with disabilities through OK CANON assistance, TTY support at(866) 251-3752. Canon otherwise available to U.S. federal government agencies through Federal Relay.