

<b>ADA and ABA Accessibility Guidelines (2004)</b> <b>36 C.F.R. 1190 and 1191</b>	<b>Revised Section 508 Standards (2017)</b> <b>36 C.F.R. 1194, App. A &amp; App. C</b>	<b>DOT ACAA Rule (2013) for Automated Kiosks at U.S. Airports under 14 C.F.R. 382.57 and 49 C.F.R. 27.71</b>	<b>Notes</b>
<p><b>220 [F220] Automatic Teller Machines and Fare Machines</b>  <b>220.1 [F220.1] General.</b> Where automatic teller machines or self-service fare vending, collection, or adjustment machines are provided, at least one of each type provided at each location shall comply with 707. Where bins are provided for envelopes, waste paper, or other purposes, at least one of each type shall comply with 811.</p>	<p><b>E206 Hardware</b>  <b>E206.1 General.</b> Where components of ICT are hardware and transmit information or have a user interface, such components shall conform to the requirements in Chapter 4.</p>	<p>(a) As a carrier, you must comply with the following requirements with respect to any automated airport kiosk you own, lease, or control at a U.S. airport with 10,000 or more enplanements per year.  (1) You must ensure that all automated airport kiosks installed on or after December 12, 2016, are models that meet the design specifications set forth in paragraph (c) of this section until at least 25 percent of automated kiosks provided in each location at the airport (i.e., each cluster of kiosks and all standalone kiosks at the airport) meets this specification.  (2) You must ensure that at least 25 percent of automated kiosks you own, lease, or control in each location at a U.S. airport meet the design specifications in paragraph (c) of this section by December 12, 2022.  [...]  (c) You must ensure that the automated airport kiosks provided in accordance with this</p>	<p><i>The ADA and ABA Guidelines require access to at least one ATM or fare machine of each type provided at each location; the 508 Standards apply to each device with closed functionality. The ACAA rule requires that at least 25% of airport automated kiosks comply at each location.</i></p> <p><i>The technical requirement under 14 C.F.R. 382.57 and 49 C.F.R. 27.71 are identical. The numbering of provisions is different, for example 14 CFR 382.57(c)(1) is the same as 49 CFR 27.71(k)(1).</i></p> <p><i>ACAA rules at 49 CFR 27.71 for shared use automated kiosks are distinct and apply to different covered entities, namely U.S. airports with more than 10,000 annual enplanements.</i></p> <p><i>This table uses the numbering from 14 CFR 382.57.</i></p>

ADA and ABA Accessibility Guidelines (2004) 36 C.F.R. 1190 and 1191	Revised Section 508 Standards (2017) 36 C.F.R. 1194, App. A & App. C	DOT ACAA Rule (2013) for Automated Kiosks at U.S. Airports under 14 C.F.R. 382.57 and 49 C.F.R. 27.71	Notes
		section conform to the following technical accessibility standards with respect to their physical design and the functions they perform:	
<b>707 Automatic Teller Machines and Fare Machines</b> <b>707.1 General.</b> Automatic teller machines and fare machines shall comply with 707.	<b>402 Closed Functionality</b> <b>402.1 General.</b> 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.	<b>(c)(1) Self contained.</b> Except for personal headsets and audio loops, automated kiosks must be operable without requiring the user to attach assistive technology.	<i>Most SSTMs are "self-contained, closed products" because the end-users cannot use their own assistive technology with them excluding personal headsets or other audio couplers.</i>
<b>707.2 Clear Floor or Ground Space.</b> A clear floor or ground space complying with 305 shall be provided. <b>EXCEPTION:</b> Clear floor or ground space shall not be required at drive-up only automatic teller machines and fare machines.		<b>(c)(2) Clear floor or ground space.</b> A clear floor or ground space complying with section 305 of the U.S. Department of Justice's 2010 ADA and ABA Guidelines for Accessible Design, 28 CFR 35.104 (defining the "2010 Standards" for title II as the requirements set forth in appendices B and D to 36 CFR part 1191 and the requirements contained in 28 CFR 35.151) (hereinafter 2010 ADA and ABA Guidelines) must be provided.	<i>The requirement for clear floor space is not explicit in the 508 Standards.</i>  <i>Section 305 of the ADA and ABA Guidelines provide specifications for clear floor or ground space, including surface, size, knee and toe clearance, position, approach, and maneuvering clearance.</i>
<b>707.3 Operable Parts.</b> Operable parts shall comply with 309.	<b>407 Operable Parts</b>	<b>(c)(3) Operable parts.</b> Operable parts must comply with section	<i>The ADA and ABA Guidelines do not require operable parts to be</i>

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<p>Unless a clear or correct key is provided, each operable part shall be able to be differentiated by sound or touch, without activation.</p> <p><b>EXCEPTION:</b> Drive-up only automatic teller machines and fare machines shall not be required to comply with 309.2 and 309.3.</p>	<p><b>407.1 General.</b> Where provided, operable parts used in the normal operation of ICT shall conform to 407. [...]</p> <p><b>407.3 Input Controls.</b> [...]</p> <p><b>407.3.1 Tactilely Discernible.</b> Input controls shall be operable by touch and tactilely discernible without activation.</p>	<p>309 of the 2010 ADA and ABA Guidelines, and the following requirements: <b>(i) Identification.</b> Operable parts must be tactilely discernible without activation;</p>	<p><i>differentiated by sound or touch, without activation if a clear or correct key is provided. However, the presence of a clear or correct key does not sufficiently obviate the need for operable parts on an SSTM to be differentiated (without activation) by sound or touch.</i></p>
<p><b>309 Operable Parts</b></p> <p><b>309.1 General.</b> Operable parts shall comply with 309.</p> <p><b>309.2 Clear Floor Space.</b> A clear floor or ground space complying with 305 shall be provided.</p> <p><b>309.3 Height.</b> Operable parts shall be placed within one or more of the reach ranges specified in 308.</p> <p><b>309.4 Operation.</b> Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> <p><b>EXCEPTION:</b> Gas pump nozzles shall not be required to provide</p>	<p><b>407.8 Reach Height and Depth.</b> At least one of each type of operable part of stationary ICT shall be at a height conforming to 407.8.2 or 407.8.3 according to its position established by the vertical reference plane specified in 407.8.1 for a side reach or a forward reach. Operable parts used with speech output required by 402.2 shall not be the only type of operable part complying with 407.8 unless that part is the only operable part of its type.</p> <p><b>407.6 Operation</b></p> <p>At least one mode of operation shall be operable with one hand and shall not require tight</p>	<p><b>(c)(3) Operable parts.</b> Operable parts must comply with section 309 of the 2010 ADA and ABA Guidelines, and the following requirements:</p>	<p><i>The reach height and depth specifications in the Section 508 Standards (407.8) are consistent with those in the ADA and ABA Guidelines (308).</i></p> <p><i>The 508 Standards explicitly require that operable parts for non-speech use, such as touch screens, must be within accessible reach range.</i></p>

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operable parts that have an activating force of 5 pounds (22.2 N) maximum.	grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.		
<b>707.4 Privacy.</b> Automatic teller machines shall provide the opportunity for the same degree of privacy of input and output available to all individuals.	<b>405 Privacy</b> <b>405.1 General.</b> The same degree of privacy of input and output shall be provided to all individuals. When speech output required by 402.2 is enabled, the screen shall not blank automatically.	<b>(c)(4) Privacy.</b> Automated airport kiosks must provide the opportunity for the same degree of privacy of input and output available to all individuals. However, if an option is provided to blank the screen in the speech output mode, the screen must blank when activated by the user, not automatically.	<i>Display screens that blank automatically impact usability by people with low vision using the speech output mode. The ADA and ABA Guidelines do not prohibit automatic blanking of display screens.</i>
<b>707.5 Speech Output.</b> Machines shall be speech enabled. Operating instructions and orientation, visible transaction prompts, user input verification, error messages, and all displayed information for full use shall be accessible to and independently usable by individuals with vision impairments. Speech shall be delivered through a mechanism that is readily available to all users, including but not limited to, an industry standard connector or a telephone	<b>402.2 Speech-Output Enabled.</b> ICT with a display screen shall be speech-output enabled for full and independent use by individuals with vision impairments. <b>EXCEPTIONS:</b> 1. Variable message signs conforming to 402.5 shall not be required to be speech-output enabled. 2. Speech output shall not be required where ICT display screens only provide status	<b>(c)(5) Output.</b> Automated airport kiosks must comply with paragraphs (c)(5)(i) through (iv) of this section. <b>(i) Speech output enabled.</b> Automated airport kiosks must provide an option for speech output. Operating instructions and orientation, visible transaction prompts, user input verification, error messages, and all other visual information for full use must be accessible to and independently usable by individuals with vision	<i>The ADA and ABA Guidelines do not specifically require the speech output to be coordinated with the information displayed on the screen as in the Section 508 Standards (402.2.3) or the ACAA rule ((5)(1))).</i>

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<p>handset. Speech shall be recorded or digitized human, or synthesized.</p> <p><b>EXCEPTIONS:</b></p> <p>1. Audible tones shall be permitted instead of speech for visible output that is not displayed for security purposes, including but not limited to, asterisks representing personal identification numbers.</p> <p>2. Advertisements and other similar information shall not be required to be audible unless they convey information that can be used in the transaction being conducted.</p> <p>3. Where speech synthesis cannot be supported, dynamic alphabetic output shall not be required to be audible.</p>	<p>indicators and those indicators conform to 409.</p> <p>3. Where speech output cannot be supported due to constraints in available memory or processor capability, ICT shall be permitted to conform to 409 in lieu of 402.2.</p> <p>4. Audible tones shall be permitted instead of speech output where the content of user input is not displayed as entered for security purposes, including, but not limited to, asterisks representing personal identification numbers.</p> <p>5. Speech output shall not be required for: the machine location; date and time of transaction; customer account number; and the machine identifier or label.</p> <p>6. Speech output shall not be required for advertisements and other similar information unless they convey information that can be used for the transaction being conducted.</p>	<p>impairments. Speech output must be delivered through a mechanism that is readily available to all users, including but not limited to, an industry standard connector or a telephone handset. Speech output must be recorded or digitized human, or synthesized. Speech output must be coordinated with information displayed on the screen. Speech output must comply with paragraphs (c)(5)(i)(A) through (F) of this section.</p> <p><b>(A)</b> When asterisks or other masking characters are used to represent personal identification numbers or other visual output that is not displayed for security purposes, the masking characters must be spoken ("*" spoken as "asterisk") rather than presented as beep tones or speech representing the concealed information.</p> <p><b>(B)</b> Advertisements and other similar information are not required to be audible unless they convey information that can</p>	

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	<p><b>402.2.1 Information Displayed On-Screen.</b> Speech output shall be provided for all information displayed on-screen. [...]</p> <p><b>402.2.3 Speech Delivery Type and Coordination.</b> Speech output shall be delivered through a mechanism that is readily available to all users, including, but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized. Speech output shall be coordinated with information displayed on the screen.</p>	<p>be used in the transaction being conducted. <b>(C)</b> Speech for any single function must be automatically interrupted when a transaction is selected or navigation controls are used. Speech must be capable of being repeated and paused by the user.</p>	
<p><b>707.5.1 User Control.</b> Speech shall be capable of being repeated or interrupted. Volume control shall be provided for the speech function. <b>EXCEPTION:</b> Speech output for any single function shall be permitted to be automatically interrupted when a transaction is selected.</p>	<p><b>402.2.4 User Control.</b> Speech output for any single function shall be automatically interrupted when a transaction is selected. Speech output shall be capable of being repeated and paused. <b>402.3 Volume.</b> ICT that delivers sound, including speech output required by 402.2, shall provide</p>	<p><b>(c)(5)(ii) Volume control.</b> Automated kiosks must provide volume control complying with paragraphs (c)(5)(ii)(A) and (B) of this section. <b>(A) Private listening.</b> Where speech required by paragraph (c)(5)(i) is delivered through a mechanism for private listening, the automated kiosk must</p>	<p><i>The 508 Standards and the ACAA rule specify for non-private listening output amplification up to at least 65 dB. In addition, they require the volume to reset the default level after every use.</i></p> <p><i>The 508 Standards also require that audio transducer typically held up to the ear provide a</i></p>

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	<p>volume control and output amplification conforming to 402.3.</p> <p><b>EXCEPTION:</b> ICT conforming to 412.2 shall not be required to conform to 402.3.</p> <p><b>402.3.1 Private Listening.</b> Where ICT provides private listening, it shall provide a mode of operation for controlling the volume. Where ICT delivers output by an audio transducer typically held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.</p> <p><b>402.3.2 Non-private Listening.</b> Where ICT provides non-private listening, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. A function shall be provided to automatically reset the volume to the default level after every use.</p>	<p>provide a means for the user to control the volume. A function must be provided to automatically reset the volume to the default level after every use.</p> <p><b>(B) Speaker volume.</b> Where sound is delivered through speakers on the automated kiosk, incremental volume control must be provided with output amplification up to a level of at least 65 dB SPL. Where the ambient noise level of the environment is above 45 dB SPL, a volume gain of at least 20 dB above the ambient level must be user selectable. A function must be provided to automatically reset the volume to the default level after every use.</p>	<p><i>means for effective magnetic wireless coupling with hearing technologies.</i></p>
<p><b>707.5.2 Receipts.</b> Where receipts are provided, speech output devices shall provide audible balance inquiry information,</p>	<p><b>402.2.2 Transactional Outputs.</b> Where transactional outputs are provided, the speech output shall</p>	<p><b>(c)(i)(D)</b> Where receipts, tickets, or other outputs are provided as a result of a transaction, speech output must include all</p>	

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<p>error messages, and all other information on the printed receipt necessary to complete or verify the transaction.</p> <p><b>EXCEPTIONS:</b></p> <ol style="list-style-type: none"> <li>1. Machine location, date and time of transaction, customer account number, and the machine identifier shall not be required to be audible.</li> <li>2. Information on printed receipts that duplicates information available on-screen shall not be required to be presented in the form of an audible receipt.</li> <li>3. Printed copies of bank statements and checks shall not be required to be audible.</li> </ol>	<p>audibly provide all information necessary to verify a transaction.</p>	<p>information necessary to complete or verify the transaction, except that -</p> <p><b>(1)</b> Automated airport kiosk location, date and time of transaction, customer account numbers, and the kiosk identifier are not required to be audible;</p> <p><b>(2)</b> Information that duplicates information available on-screen and already presented audibly is not required to be repeated; and</p> <p><b>(3)</b> Printed copies of a carrier's contract of carriage, applicable fare rules, itineraries and other similar supplemental information that may be included with a boarding pass are not required to be audible.</p>	
<p><b>707.6 Input.</b> Input devices shall comply with 707.6.</p>		<p><b>(c)(6) Input.</b> Input devices must comply with paragraphs (c)(6)(i) through (iv) of this section.</p>	
<p><b>707.6.1 Input Controls.</b> At least one tactilely discernible input control shall be provided for each function. Where provided, key surfaces not on active areas of display screens, shall be raised above surrounding surfaces.</p>	<p><b>407.3 Input Controls.</b> At least one input control conforming to 407.3 shall be provided for each function.</p> <p><b>EXCEPTION:</b> Devices for personal use with input controls that are audibly discernable without</p>	<p><b>(c)(6)(i) Input controls.</b> At least one input control that is tactilely discernible without activation must be provided for each function. Where provided, key surfaces not on active areas of display screens, must be raised</p>	<p><i>The ADA and ABA Guidelines do not address the layout or tactilely distinct keys for alphabetic keys.</i></p>



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<p>Where membrane keys are the only method of input, each shall be tactilely discernible from surrounding surfaces and adjacent keys.</p>	<p>activation and operable by touch shall not be required to conform to 407.3.  <b>407.3.2 Alphabetic Keys.</b> Where provided, individual alphabetic keys shall be arranged in a QWERTY-based keyboard layout and the “F” and “J” keys shall be tactilely distinct from the other keys.</p>	<p>above surrounding surfaces. Where touch or membrane keys are the only method of input, each must be tactilely discernible from surrounding surfaces and adjacent keys.  <b>(ii) Alphabetic keys.</b> Alphabetic keys must be arranged in a QWERTY keyboard layout. The “F” and “J” keys must be tactilely distinct from the other keys.</p>	
<p><b>707.6.2 Numeric Keys.</b> Numeric keys shall be arranged in a 12-key ascending or descending telephone keypad layout. The number five key shall be tactilely distinct from the other keys.</p>	<p><b>407.3.3 Numeric Keys.</b> Where provided, numeric keys shall be arranged in a 12-key ascending or descending keypad layout. The number five key shall be tactilely distinct from the other keys. Where the ICT provides an alphabetic overlay on numeric keys, the relationships between letters and digits shall conform to ITU-T Recommendation E.161 (incorporated by reference, see 702.7.1).</p>	<p><b>(c)(6)(iii) Numeric keys.</b> Numeric keys must be arranged in a 12-key ascending or descending keypad layout or must be arranged in a row above the alphabetic keys on a QWERTY keyboard. The “5” key must be tactilely distinct from the other keys.</p>	<p><i>The ADA and ABA Guidelines do not address alphabetic overlays on numeric keys.</i></p>
<p><b>707.6.3 Function Keys.</b> Function keys shall comply with 707.6.3.</p>		<p><b>(c)(6)(iv) Function keys.</b> Function keys must comply with paragraphs (c)(6)(iv)(A) and (B) of this section.</p>	

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<p><b>707.6.3.1 Contrast.</b> Function keys shall contrast visually from background surfaces. Characters and symbols on key surfaces shall contrast visually from key surfaces. Visual contrast shall be either light-on-dark or dark-on-light.</p> <p><b>EXCEPTION:</b> Tactile symbols required by 707.6.3.2 shall not be required to comply with 707.6.3.1.</p>	<p><b>407.2 Contrast.</b> Where provided, keys and controls shall contrast visually from background surfaces. Characters and symbols shall contrast visually from background surfaces with either light characters or symbols on a dark background or dark characters or symbols on a light background.</p>	<p><b>(c)(6)(iv)(A) Contrast.</b> Function keys must contrast visually from background surfaces. Characters and symbols on key surfaces must contrast visually from key surfaces. Visual contrast must be either light-on-dark or dark-on-light. However, tactile symbols required by (c)(6)(iv)(B) are not required to comply with paragraph (c)(6)(iv)(A) of this section.</p>	
<p><b>707.6.3.2 Tactile Symbols.</b> Function key surfaces shall have tactile symbols as follows: Enter or Proceed key: raised circle; Clear or Correct key: raised left arrow; Cancel key: raised letter ex; Add Value key: raised plus sign; Decrease Value key: raised minus sign.</p>		<p><b>(c)(6)(iv)(B) Tactile symbols.</b> Function key surfaces must have tactile symbols as follows: Enter or Proceed key: raised circle; Clear or Correct key: raised left arrow; Cancel key: raised letter ex; Add Value key: raised plus sign; Decrease Value key: raised minus sign.</p>	<p><i>The 508 Standards do not specify symbols for certain types of function keys.</i></p>
	<p><b>407.4 Key Repeat.</b> Where a keyboard with key repeat is provided, the delay before the key repeat feature is activated shall be fixed at, or adjustable to, 2 seconds minimum.</p>		<p><i>The ADA and ABA Guidelines and ACAA do not include a key repeat requirement.</i></p>
	<p><b>407.5 Timed Response.</b> Where a timed response is required, the</p>	<p><b>(c)(3)(ii) Timing.</b> Where a timed response is required, the user</p>	<p><i>The ADA and ABA Guidelines do not address timed response.</i></p>

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	user shall be alerted visually, as well as by touch or sound, and shall be given the opportunity to indicate that more time is needed.	must be alerted visually and by touch or sound and must be given the opportunity to indicate that more time is required;	
<b>707.7 Display Screen.</b> The display screen shall comply with 707.7. <b>EXCEPTION:</b> Drive-up only automatic teller machines and fare machines shall not be required to comply with 707.7.1.	<b>408 Display Screens</b> <b>408.1 General.</b> Where provided, display screens shall conform to 408.	<b>(c)(7) Display screen.</b> The display screen must comply with paragraphs (c)(7)(i) and (ii) of this section.	
<b>707.7.1 Visibility.</b> The display screen shall be visible from a point located 40 inches (1015 mm) above the center of the clear floor space in front of the machine.	<b>408.2 Visibility.</b> Where stationary ICT provides one or more display screens, at least one of each type of display screen shall be visible from a point located 40 inches (1015 mm) above the floor space where the display screen is viewed.	<b>(i) Visibility.</b> The display screen must be visible from a point located 40 inches (1015 mm) above the center of the clear floor space in front of the automated kiosk.	
	<b>408.3 Flashing.</b> Where ICT emits lights in flashes, there shall be no more than three flashes in any one-second period. <b>EXCEPTION:</b> Flashes that do not exceed the general flash and red flash thresholds defined in WCAG 2.0 (incorporated by reference, see 702.10.1) are not required to conform to 408.3.		<i>The ADA and ABA Guidelines and ACAA do not include a requirement addressing light flashing.</i>

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<b>707.7.2 Characters.</b> Characters displayed on the screen shall be in a sans serif font. Characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter “I”. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.	<b>402.4 Characters on Display Screens.</b> At least one mode of characters displayed on the screen shall be in a sans serif font. Where ICT does not provide a screen enlargement feature, characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter “I”. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.	<b>(c)(7)(ii) Characters.</b> Characters displayed on the screen must be in a sans serif font. Characters must be 3/16 inch (4.8 mm) high minimum based on the uppercase letter “I.” Characters must contrast with their background with a minimum luminosity contrast ratio of 3:1.	
<b>707.8 Braille Instructions.</b> Braille instructions for initiating the speech mode shall be provided. Braille shall comply with 703.3.	<b>402.2.5 Braille Instructions.</b> Where speech output is required by 402.2, braille instructions for initiating the speech mode of operation shall be provided. Braille shall be contracted and shall conform to 36 CFR part 1191, Appendix D, Section 703.3.1. <b>EXCEPTION:</b> Devices for personal use shall not be required to conform to 402.2.5.	<b>(c)(8) Braille instructions.</b> Braille instructions for initiating the speech mode must be provided. Braille must comply with section 703.3 of the 2010 ADA and ABA Guidelines.	
	<b>407.7 Tickets, Fare Cards, and Keycards.</b>	<b>(c)(5)(iv) Tickets and boarding passes.</b> Where tickets or boarding passes are provided,	<i>The ADA and ABA Guidelines do not include a corresponding requirement.</i>

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	Where tickets, fare cards, or keycards are provided, they shall have an orientation that is tactilely discernible if orientation is important to further use of the ticket, fare card, or keycard.	tickets and boarding passes must have an orientation that is tactilely discernible if orientation is important to further use of the ticket or boarding pass.	
	<b>409 Status Indicators</b> <b>409.1 General.</b> Where provided, status indicators shall be discernible visually and by touch or sound.	<b>(c)(3)(iii) Status indicators.</b> Status indicators, including all locking or toggle controls or keys (e.g., Caps Lock and Num Lock keys), must be discernible visually and by touch or sound;	<i>The ADA and ABA Guidelines do not include a corresponding requirement.</i>
	<b>410 Color Coding</b> <b>410.1 General.</b> Where provided, color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	<b>(c)(3)(iv) Color.</b> Color coding must not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	<i>The ADA and ABA Guidelines do not include a corresponding requirement.</i>
	<b>411 Audible Signals</b> <b>411.1 General.</b> Where provided, audible signals or cues shall not be used as the only means of conveying information, indicating an action, or prompting a response		<i>The ADA and ABA Guidelines and the ACAA do not include a corresponding requirement.</i>
	<b>413 Closed Caption Processing Technologies</b>	<b>(C)(5)(iii) Captioning.</b> Multimedia content that contains speech or other audio information	<i>The ADA and ABA Guidelines do not include a corresponding requirement.</i>

ADA and ABA Accessibility Guidelines (2004) 36 C.F.R. 1190 and 1191	Revised Section 508 Standards (2017) 36 C.F.R. 1194, App. A & App. C	DOT ACAA Rule (2013) for Automated Kiosks at U.S. Airports under 14 C.F.R. 382.57 and 49 C.F.R. 27.71	Notes
	<p><b>413.1 General.</b> Where ICT displays or processes video with synchronized audio, ICT shall provide closed caption processing technology that conforms to 413.1.1 or 413.1.2.</p> <p><b>413.1.1 Decoding and Display of Closed Captions.</b> Players and displays shall decode closed caption data and support display of captions.</p> <p><b>413.1.2 Pass-Through of Closed Caption Data.</b> Cabling and ancillary equipment shall pass through caption data.</p>	<p>necessary for the comprehension of the content must be open or closed captioned.</p> <p>Advertisements and other similar information are not required to be captioned unless they convey information that can be used in the transaction being conducted.</p>	
	<p><b>403 Biometrics</b></p> <p><b>403.1 General.</b> Where provided, biometrics shall not be the only means for user identification or control.</p> <p><b>EXCEPTION:</b> Where at least two biometric options that use different biological characteristics are provided, ICT shall be permitted to use biometrics as the only means for user identification or control.</p>	<p><b>(c)(9) Biometrics.</b> Biometrics must not be the only means for user identification or control, unless at least two biometric options that use different biological characteristics are provided.</p>	<p><i>The ADA and ABA Guidelines do not include a corresponding requirement.</i></p>