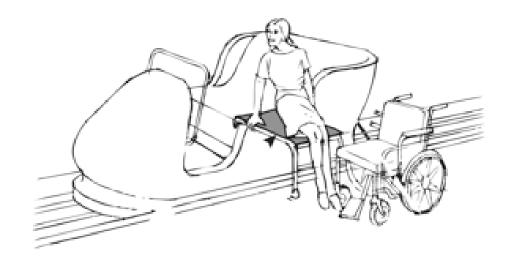
ADA Checklist for Existing Facilities

Amusement Rides



Project		
Building		
Location		
Date		
Surveyors		
Contact Information		

Amusement rides should be accessible to everyone, including people with disabilities.



Institute for Human Centered Design www.HumanCenteredDesign.org 2014



ADA National Network Questions on the ADA 800-949-4232 voice/tty www.ADAchecklist.org

This checklist was produced by the New England ADA Center, a project of the Institute for Human Centered Design and a member of the ADA National Network. This checklist was developed under a grant from the Department of Education, NIDRR grant number H133A060092-09A. However the contents do not necessarily represent the policy of the Department of Education, and you should not assume endorsement by the Federal Government.

Questions or comments on the checklist contact the New England ADA Center at 617-695-0085 voice/tty or ADAinfo@NewEnglandADA.org

For the full set of checklists, including the checklists for recreation facilities visit www.ADAchecklist.org.

Amı	usement Rides			Comments	Possible Solutions		
	Amusement Rides (2010 Standards - 206, 216, 234 & 1002) Note: Mobile or portable amusement rides such as traveling carnivals, state and county fairs, and festivals are not required to comply.						
A1	Is there an accessible route to the entrance of the facility containing amusement rides? Use the checklist for <i>Priority 1:</i> Approach & Entrance.	□Yes □No	36"min	Photo #:	 Regrade to 1:20 maximum slope Install a ramp Install a platform lift or limited –use/limited access elevator 		
A2	Does each amusement ride have a seat designed for transfer, a wheelchair space, or a transfer device? If yes, which is provided? Notes: 1. Rides are not required to have a wheelchair space, a seat designed for transfer or a transfer device if: No seating Controlled or operated by rider Designed primarily for children, where children are assisted on and off by an adult 2. A transfer device may be either permanent or temporary. Transfer devices that could be adapted to	Transfer Seat Wheelchair Space Transfer Device			Add transfer seat Add wheelchair space Add transfer device		

	provide access onto an amusement ride include, but are not limited to, lifts, mechanized seat and transfer systems.			Photo #:	
A3	Is there a sign identifying the type of access provided on amusement rides at the entry to the queue or waiting lines? Note: The International Symbol of Accessibility is recommended but not required.	□Yes □No	The Screamin' Spin has a wheelchair space	Photo #:	
A4	Is there an accessible route to each load and unload area?	□Yes □No	entry by platform lift or elevator accessible route	Photo #:	Regrade to 1:20 maximum slope Install a ramp Install a platform lift or limited –use/limited access elevator
A5	If the accessible unload area also serves as the accessible load area, is there a sign at the entry to the queue or waiting lines indicating the location of the accessible load and unload areas? Note: The International Symbol of Accessibility is recommended but not required.	□Yes □No	Accessible load/unload area	Photo #:	• Add sign •

A6	Is there a clear floor space for a person in wheelchair to turn around, i.e. a circle at least 60 inches in diameter or a T-shaped space within a 60-inch square: In the load area?	Yes No Measurement: Yes No Measurement:	60"min ————————————————————————————————————		 Add space Move or remove partitions, fixtures or objects
				Photo #:	
A7	If there is more than one loading position in the load area, is there an accessible route to at least one loading position in that area?	□Yes □No	36"min		Regrade to 1:20 maximum slope Install a ramp Install a platform lift or limited –use/limited access elevator
				Photo #:	
A8	If there is more than one unloading position in the unload areas, is there an accessible route to at least one unloading position in that area?	□Yes □No	36"min		Regrade to 1:20 maximum slope Install a ramp Install a platform lift or limited –use/limited access elevator
				Photo #:	

A9	AMUSEMENT RIDE SEAT DESIGNED FOR TRANSFER If a seat designed for transfer is provided is there an accessible route to the seat when the ride is in the: Load position? Unload position? Exceptions in load or unload areas and on amusement ride: 1. If a ramp is part of the accessible route and it is structurally or operationally infeasible for the slope to be no greater than 1:12, i.e. for every inch of height change there are at least 12 inches of curb ramp run, the slope may be no greater than 1:8. 2. If it is structurally or operationally infeasible to provide handrails on the ramp	□Yes □No □Yes □No	36"min		Regrade to 1:20 maximum slope Install a ramp Install a platform lift
	provide handrails on the ramp, handrails are not required.			Photo #:	
A10	Is there a clear floor/ground space for wheelchair storage no less than 30 inches wide and no less than 48 inches long, adjacent to the unload area, but not overlapping the accessible route or any required means of egress?	Yes No Measurement:		Photo #:	 Add space Move or remove partitions, fixtures or objects

A11	Is there a clear floor/ground space no less than 30 inches wide and no less than 48 inches long adjacent to the seat designed for transfer when positioned for: Loading in the load area? Unloading in the unload area?	☐Yes ☐No Measurement: ☐Yes ☐No Measurement:	seat designed for transfer		 Add space Move or remove partitions, fixtures or objects Reconfigure space •
		Wiedsdreinen.		Photo #:	
A12	Is the height of the seat no less than 14 inches and no greater than 24 inches from the surface of the load and unload area?	Yes No	24"max 14"mint	Photo #:	Change seat height
A13	If there is an opening for the transfer seat, is there clearance for a person in a wheelchair to transfer from the wheelchair to the seat?	□Yes □No		Photo #:	 Add space Move or remove partitions, fixtures or objects

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A14	WHEELCHAIR SPACE If a wheelchair space is provided is there an accessible route to the wheelchair space when the ride is in the:				 Regrade to 1:20 maximum slope Install a ramp Install a platform lift
	Load position?	Yes No			
	Unload position?	□ _{Yes} □ _{No}			
	Exceptions in load or unload areas and on amusement ride: 1. If a ramp is part of the accessible route and it is structurally or operationally infeasible for the slope to be no greater than 1:12, i.e. for every inch of height change there are at least 12 inches of curb ramp run, the slope may be no greater than 1:8. 2. If it is structurally or operationally infeasible to provide handrails on the ramp,		36"min		
	handrails are not required.			Photo #:	
A15	Is the entry opening to the wheelchair space at least 32 inches wide?	Yes No Measurement:		Photo #:	Widen opening
				רווטנט #.	

A16	Does at least one side of the wheelchair space adjoin the accessible route when in the load and unload position?	□Yes □No	Photo #:	Relocate wheelchair spaceRelocate route
A17	If the wheelchair space is entered only from the side, is there sufficient maneuvering clearance for a person in a wheelchair to enter and exit the ride?	□Yes □No		 Reconfigure space Eliminate turn into ride Widen opening
	Note: The amount of clear space needed within the ride, and the size and position of the opening are interrelated. A 32 inch clear opening will not provide sufficient width when entered through a turn into an amusement ride. Additional space for maneuvering and a wider door will be needed where a side opening is centered on the ride. For example, where a 42 inch opening is provided, a minimum clear space of 60 inches in length and 36 inches in depth is needed to ensure			
	adequate space for maneuvering.		Photo #:	

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A18	Is the clear wheelchair space at least 30 inches wide and at least 48 inches long?	Yes No	48° NINIMUM	Photo #:	• Reconfigure space •
A19	Do objects up to at least 9 inches above the floor/ground surface not protrude into the wheelchair space? Do objects that are at least 9 inches and no greater than 27 inches above the floor/ground surface protrude no more than 6 inches along the front of the wheelchair space? Do objects more than 27 inches above the floor/ground protrude no more than 25 inches along the front of the wheelchair space? Notes: 1. Where provided securement devices are permitted to overlap required clearances. 2. Wheelchair spaces are permitted to be mechanically or manually repositioned.	☐Yes ☐No Measurement: ☐Yes ☐No Measurement: ☐Yes ☐No Measurement:	25 max 6 max 150 9 min 230	Photo #:	 Remove obstructions Reposition obstructions Reposition wheelchair space

A20	Is the floor or ground surface of the wheelchair space: No greater than 1:48 slope?	Yes No Measurement:			 Regrade to 1:48 maximum slope Resurface floor or ground surface
	Stable, firm and slip-resistant?	□Yes □No		Photo #:	
A21	If the interior width of the ride is greater than 53 inches, seating is provided for more than one rider, and the wheelchair is not required to be centered within the ride, is there a companion seat?	□Yes □No		Photo #:	 Add companion seat •
A22	If there is shoulder-to-shoulder seating on the ride, is the companion seat shoulder-to-shoulder with the wheelchair space? Or If this is not operationally or structurally feasible, is there equal shoulder-to-shoulder seating to the maximum extent possible?	□Yes □No		Photo #:	• Alter seating •
A23	When the ride is at rest in the load and unload positions: Is the vertical difference between the floor/ground and the floor of the wheelchair space plus or minus 5/8 inches? Is the horizontal difference	Yes No Measurement:	ride floor loading area		 Adjust ride Add ramp Add bridge plate

between the floor/ground and Measurement: the floor of the wheelchair space no greater than 3 inches? Or □_{Yes} □_{No} If this is not operationally or structurally feasible, are ramps, bridge plates, or similar devices provided? Or ramp down bridge plate Photo #:

A24	If ramps, bridge plates or similar devices must be	□ _{Yes} □ _{No}		Add barriers
	provided are there barriers at least 2 inches high on each side	Measurement:	District.	•
	of the device?		Photo #:	
A25	Is the surface of the device:			Resurface device surface Remove obstructions
	Continuous?	□Yes □No		Alter device surface Install new device
	Slip resistant?	□Yes □No		• Install new device
	With no protrusions from the	□ _{Yes} □ _{No}		
	surface greater than ¼ inch?	Measurement:		
	With clear width of 30 inches?	□Yes □No		
		Measurement:	Photo #:	
A26	Is the transition from the load/unload areas and from the	□ _{Yes} □ _{No}		Change transition height Add 1:2 maximum bevel
	ride floor to the device no	Measurement:		Add 1:2 maximum bever
	greater than ¼ inch if vertical or	ivieasurement.		
	if the transition is higher than ¼			
	inch is it no greater than ½ inch and beveled with a slope no			
	greater than 1:2?		Photo #:	
A27	Does the device have the least slope practicable?	□Yes □No		Regrade slope
	If the height of the ride floor, under 50% passenger load, from which the device is deployed is:			

	3 inches or less above the load/unload area, is the slope no greater than 1:4?	Yes No Measurement:		
	6 inches or less, but more than 3 inches, above the load/unload area, is the slope no greater than 1:6?	Yes No Measurement:		
	9 inches or less, but more than 6 inches, above the load/unload area, is the slope no greater than 1:8?	Yes No Measurement:		
	Greater than 9 inches above the load/unload area, is the slope no greater than 1:12?	Yes No Measurement:	Photo #:	
A28	If handrails are provided:			Replace handrails
	Do they allow persons with disabilities to grasp them from outside the ride while starting to board, and to continue to use them throughout the boarding process?	□Yes □No		Change handrail height
	Is the top of the handrail between 30 inches and 38 inches above the devices surface?	Yes No Measurement:		
	Are the handrails capable of withstanding a force of 100 pounds concentrated at any point on the handrail without permanent deformation of the	Yes No Measurement:		

	rail or its supporting structure? Does the handrail have a cross- sectional diameter between 1¼ inches and 1½ inches or provide an equivalent grasping surface, and have eased edges with corner radii of not less than 1/8	Yes No Measurement:			
	inch? Do the handrails not interfere with wheelchair or mobility aid maneuverability when entering or leaving the ride?	Yes No Measurement:		Photo #:	
A29	If the device is shorter than 30 inches can it support a load of 300 pounds? If the device is at least 30 inches or longer can it support a load of 600 pounds, placed at the centroid of the device distributed over an area of 26 inches by 26 inches, with a safety factor of at least 3 based on the ultimate strength of the material?	Yes No Weight: Yes No Weight:		Photo #:	• Replace device •
A30	When in use for boarding or alighting, is the device attached to the ride, attached to the load/unload area or otherwise prevented from moving such that it is not displaced when loading or unloading a heavy power mobility aid and that any gaps between the ride and the	Yes No Measurement:	ride floor loading area		Attach device when in use Add folding device Add telescoping device

	device, and load/unload areas and the device, do not exceed 5/8 inch? Note: Folding or telescoping					
	devices are permitted provided they meet all structural requirements of this section.				Photo #:	
A31	Is a compartment, securement system, or other appropriate method provided to ensure that stowed devices, including portable devices stowed in the riders' area, do not impinge on a rider's wheelchair or mobility aid or pose any hazard to riders in the event of a sudden stop?		□No		Photo #:	 Add compartment Add securement system
A32	If a transfer device is provided, is there an accessible route to the device when the ride is in the: Load position? Unload position? Exceptions in load or unload areas and on amusement ride: 1. If a ramp is part of the accessible route and it is structurally or operationally infeasible for the slope to be no greater than 1:12, i.e. for every inch of height change there are	□Yes		36"min		Regrade to 1:20 maximum slope Install a ramp Install a platform lift Install a mechanized seat Install a transfer system

	at least 12 inches of curb ramp run, the slope may be no greater than 1:8. 2. If it is structurally or operationally infeasible to provide handrails on the ramp, handrails are not required.				
	Note: A transfer device may be either permanent or temporary. Transfer devices that could be adapted to provide access onto an amusement ride include, but are not limited to, lifts, mechanized seat and transfer systems.			Photo #:	
A33	Is there a clear floor/ground space for wheelchair storage no less than 30 inches wide and no less than 48 inches long, adjacent to the unload area but not overlapping the accessible route or any required means of egress?	Yes No Measurement:		Photo #:	Add space Move or remove partitions, fixtures or objects
A34	Is there a clear floor/ground space no less than 30 inches wide and no less than 48 inches long adjacent to the transfer device when positioned for: Loading in the load area? Unloading in the unload area?	☐Yes ☐No Measurement: ☐Yes ☐No	transfer device:		 Add space Move or remove partitions, fixtures or objects Reconfigure space •

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		Measurement:	transfer device: fixed tier 30°min 48°min		
			transfer device: portable bench	Photo #:	
A36	Is the height of the transfer device seat no less than 14 inches and no greater than 24 inches from the surface of the	Yes No Measurement:			Change transfer device seat height•
	load and unload area?			Photo #:	
		□ _{Yes} □ _{No}			•
					•
				Photo #:	
		□Yes □No			•
					•
				Photo #:	