



# EQUIPMENT APPENDICES

AMTRAK FIVE-YEAR ASSET LINE PLANS | FY 2021-2026 | [AMTRAK.COM](https://www.amtrak.com)







# EQUIPMENT APPENDICES

AMTRAK FIVE-YEAR ASSET LINE PLANS | FY 2021-2026

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# APPENDIX A

## AMTRAK INTERCITY RAIL PASSENGER FLEET BY TYPE

OCT. 1, 2020

Fleet Type Description	Active	Inactive
Amfleet I	450	31
Amfleet II	123	19
Single Level Cab Control Car	37	4
Heritage	6	139
Diesel Locomotive	276	42
Electric Locomotive	82	3
Horizon	87	12
Acela Express	160	0
State-Owned/Amtrak Operated	9	0
Auto Carrier, Training, or Company Service Cars	85	0
Surfliner	49	1
California Cars	92	0
Superliner I	230	35
Superliner II	177	9
Talgo	84	40
Turboliner	0	26
Viewliner I (Prototype)	1	0
Viewliner I	49	1
Viewliner II	108	8
<b>Total</b>	<b>2141</b>	<b>372</b>

Active units include equipment currently in-service, including equipment in maintenance shops for routine inspection or overhaul work. Inactive units include equipment placed in long-term storage pending different business needs, damaged equipment awaiting repair, etc.

Information based on October 1, 2020 query of Amtrak's Operations Maintenance System (except some new state pools queried in December) and subsequent review by Amtrak System Operations and Finance.



## APPENDIX B

# AMTRAK EQUIPMENT ASSET INVENTORY (DETAILED)

Subfleet Type Description	Subfleet Type Description	Number of Units	
		Active	Inactive
Amfleet I	Capst. Cafe (ADA)	0	1
Amfleet I	Michigan Coach	0	4
Amfleet I	Capstone Business Class (ADA)	39	1
Amfleet I	Coach	0	2
Amfleet I	Capstone Coach (ADA)	323	20
Amfleet I	Club-Dinette	42	2
Amfleet I	All Table Dinette	46	1
Amfleet II	Lounge ("Diner Lite")	23	1
Amfleet II	Coach (ADA)	100	18
Single Level Cab Control Car	Cab/Baggage (N.P.C.U.)	14	1
Single Level Cab Control Car	Cab Conference Car	1	0
Single Level Cab Control Car	Cab/Baggage (N.P.C.U.)	1	0
Single Level Cab Control Car	Cab Control Coach	15	3
Single Level Cab Control Car	Cab/Baggage (N.P.C.U.) (CalTrans Service)	4	0
Single Level Cab Control Car	Oregon-owned Cab/Baggage (N.P.C.U.)	2	0
Heritage	Baggage(Heritage)	0	28
Heritage	Diner	0	5
Heritage	Diner Grill	0	2
Heritage	Dome-Lounge	0	1
Heritage	High Level Lounge (Pacific Parlour)	2	0
Heritage	High Level Coach	0	0
Heritage	Ex-Adirondack Car	0	1
Heritage	Amtrak Express Boxcar (no HEP pass-through)	0	67
Heritage	Material Handling Car (HEP pass-through)	0	8
Heritage	Baggage(Heritage)	2	18
Heritage	Crew Dorm	1	8
Heritage	Inspection / Office Car	1	1
Diesel Locomotive	GE P42-8 Diesel Locomotive	165	35
Diesel Locomotive	GE P32-8 Diesel Locomotive	17	1
Diesel Locomotive	GE P40-8 Diesel Locomotive	13	3
Diesel Locomotive	Siemens SC-44 Charger (State-owned)	62	2



## Appendix B: Amtrak Equipment Asset Inventory (Detailed), continued

Subfleet Type Description	Subfleet Type Description	Number of Units	
		Active	Inactive
Diesel Locomotive	P32ACDM Dual Mode Locomotive	18	0
Diesel Locomotive	Former F40PH Diesel Locomotive	1	1
Diesel Locomotive	EMD F59PHI	0	0
California-Owned Motive Power	F59PHI / P32-8 (Caltrans)	16	1
Electric Locomotive	Bombardier/Alstom HHP-8	15	0
Electric Locomotive	Siemens ACS-64	67	3
Horizon	Club-Dinette (ADA)	10	1
Horizon	Coach (ADA)	72	10
Horizon	Full Dinette (ADA)	5	1
Acela Express	Acela Exp. Cafe	20	0
Acela Express	Acela Exp. Mid. Business Class	60	0
Acela Express	Acela Exp. End Business Class	20	0
Acela Express	Acela Exp. First Class	20	0
Acela Express	Acela Exp. Power Car	40	0
State-Owned/Amtrak Operated	NCDOT Owned F59PH/F59PHI locomotive	9	0
Auto Carrier, Training, or Company Service Cars	Auto Carrier Multi-Purpose	80	0
Auto Carrier, Training, or Company Service Cars	Inspection / Office Car	5	0
Surfliner	Cab/Coach-Baggage**	11	1
Surfliner	Coach**	18	0
Surfliner	Coach/Cafe*	10	0
Surfliner	Business Class Car*	10	0
State-Owned/Amtrak Operated	Coach	14	1
State-Owned/Amtrak Operated	Lounge	6	0
California Cars	California Car Dining Car	16	0
California Cars	California Car Cab Coach	19	0
California Cars	California Car Coach	37	0
California Cars	California Car Baggage Coach	6	0
California Cars	California Single Level Co (Comet)	14	0
Superliner I	Diner-Lounge	14	3
Superliner I	Coach (ADA)	64	10
Superliner I	Diner	12	3
Superliner I	Coach (CalTrans Service)	3	0
Superliner I	Snack Coach	9	2
Superliner I	Smoking Coach	0	1
Superliner I	Coach/Baggage	42	3
Superliner I	Lounge	23	7
Superliner I	Sleeper	56	6
Superliner I	Superliner Coach (CalTrans Service)	7	0
Superliner II	Superliner Coach (CalTrans Service)	1	0



Appendix B: Amtrak Equipment Asset Inventory (Detailed), continued

Subfleet Type Description	Subfleet Type Description	Number of Units	
		Active	Inactive
Superliner II	Coach ("Arcade") Modified (ADA)	5	0
Superliner II	Coach (ADA)	29	1
Superliner II	Deluxe Sleeper	6	0
Superliner II	Diner	30	0
Superliner II	Lounge	22	1
Superliner II	Superliner Sightseer Lounge (CalTrans Service)	1	0
Superliner II	Sleeper	47	0
Superliner II	Transition Dorm / Transition Sleeper	36	7
Talgo	Talgo Bike/Baggage Car	7	4
Talgo	Talgo Dining (Table) Car	4	3
Talgo	Talgo ADA Coach	2	3
Talgo	Talgo End Power / Cab Car	5	0
Talgo	Talgo Business Class Car	2	3
Talgo	Talgo Bistro Car	8	3
Talgo	Talgo End Power Car	3	3
Talgo	Talgo ADA Business Class Car	6	3
Talgo	Talgo ADA Coach	16	3
Talgo	Talgo Standard Coach	11	15
Talgo	Talgo ADA Coach w/o Toilet	20	0
Turboliner	Turboliner	0	4
Turboliner	Turboliner	0	5
Turboliner	Turboliner	0	6
Turboliner	Turboliner	0	11
Viewliner I (Prototype)	Diner	1	0
Viewliner I (Prototype)	Sleeper	0	0
Viewliner I	Sleeper	49	1
Viewliner II	Baggage-Dorm	10	0
Viewliner II	Sleeper	10	1
Viewliner II	Diner	20	5
Viewliner II	Baggage	68	2
<b>Total</b>		<b>2141</b>	<b>372</b>

Active units include equipment currently in-service, including equipment in maintenance shops for routine inspection or overhaul work. Inactive units include equipment placed in long-term storage pending different business needs, damaged equipment awaiting repair, etc.

Information based on October 2020 query of Amtrak's Operations Maintenance System (except some new state pools queried in December) and subsequent review by Amtrak System Operations and Finance.

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# APPENDIX C

## ACTIVE PASSENGER FLEET AGE

### Amtrak's Active Fleet of Operated Passenger Equipment, Start of FY 2021 (October 1, 2020)

Fleet Type	Ownership Status	Active Fleet	Ave. Yr. Built	Ave. Unit Age (Yrs)	Notes
AMTRAK-OWNED/LEASED LOCOMOTIVE FLEETS					
GE P42-8 Diesel	Amtrak-owned	165	1998	22	One unit retains HEP Generator and is used as an NPCU
Former F40PH Diesel	Amtrak-owned	1	1977	43	
GE P32-8 Diesel	Amtrak-owned	17	1991	29	
P32ACDM Dual Mode	Amtrak-owned	18	1996	24	
GE P40-8 Diesel	Amtrak-owned	13	1993	27	
Siemens ACS-64 Electric	Amtrak-owned	67	2014	6	
HHP-8 Electric	9 units leased, 6 owned	15	2000	20	In reserve status
AMTRAK-OWNED/LEASED RAILCAR FLEETS					
Heritage	Amtrak	6	1954	66	
Amfleet I	Amtrak	450	1976	44	
Amfleet II	Amtrak	123	1982	38	
Ex-Metroliner	Amtrak	16	1967	53	
Horizon	Amtrak	87	1989	31	
Superliner I	Mix of Owned and Leased	230	1980	40	Plus 25 inactive units. Of total, 138 are Amtrak-owned while 128 are Amtrak-leased.
Superliner II	Amtrak	177	1995	25	
Viewliner I	Amtrak	50	1996	24	
Viewliner II	Amtrak	108	2015	5	
NPCU (former F40PH)	Amtrak	19	1977	43	F40PH locomotives built 1977 and rebuilt into NPCUs
Auto Carrier	Amtrak	80	2005	15	
TRAINSET FLEET OWNED/LEASED BY AMTRAK					
Acela Express	11 sets leased, 9 owned	160	1999	21	Does not include Acela Inspection Car (non-passenger equipment)
STATE-OWNED FLEETS OPERATED BY AMTRAK					
California Cars	California	92	1996	24	Most cars are California I built 1996, also includes Comets (1968) and California II (2002)
Oregon NPCU Units	Oregon	2	1977	43	Subfleet of Amtrak NPCU fleet with an average build date as F40PHs in 1977
NCDOT Railcar	NCDOT	20	1961	59	
NCDOT F59/F59PHI	NCDOT	9	1991	29	
F59PHI / P32-8 (Caltrans)	California	16	1996	24	
Siemens SC-44 Charger	WSDOT, IDOT, California	62	2017	3	Of 63 total units, 8 are owned by WA, 20 owned by CA, 33 owned by IDOT
TRAINSET AND RAILCAR FLEETS WITH OWNERSHIP SPLIT BETWEEN AMTRAK AND STATE PARTNERS AT THE UNIT LEVEL					
Surfliner	Amtrak, California	49	2000	20	Amtrak owns 39 units, California 10 units
Talgo	Amtrak, WSDOT, ODOT	84	2004	16	ODOT owns 26 active units; WSDOT/Amtrak-owned fleet undergoing retirement

Active counts based on October 2020 query of Amtrak's Operations Maintenance Systems (OMS) and subsequent review by System Operations and Finance.





<b>Total Amtrak-Operated Units:</b>	<b>2,136</b>	<b>Avg. Age:</b>	<b>28.8 Years</b>
Amtrak-owned railcar fleets:	1,346	Avg. age:	34.0 Years
Amtrak-owned trainset fleets:	160	Avg. age:	21.0 Years
Amtrak-owned/leased diesel locomotive fleets:	214	Avg. age:	23.1 Years
Amtrak owned/leased electric locomotive fleets:	82	Avg. age:	8.6 Years
State or split-ownership fleets:	334	Avg. age:	19.8 Years

# APPENDIX D

## MAINTENANCE FACILITIES

### Amtrak Maintenance Facilities

City/State	Facility Name (If not identified by city/state)	Staffed By	Equipment Served	Services Performed				
				Turn-around/ Layover Servicing	Periodic Maintenance	LCPM/ Frag- mented Overhaul Work	Over- hauls	Wreck rebuids
AMTRAK MAINTENANCE FACILITIES								
Bear, DE	Amfleet Back Shop	Amtrak	Amfleet, ex-Metroliner, Acela				X	X
Beech Grove, IN	Back Shop	Amtrak	Superliner, Horizon, Surfliner, Viewliner, NPCU, P-40/P-42				X	X
Boston, MA	Southampton Street Yard	Amtrak	Amfleet, Viewliner, ACS-64, P-42, P-40, NPCU, MP-15	X	X			
Boston, MA	Southampton Street High-Speed	Amtrak	Acela	X	X	X		
Chicago, IL	16th Street	Amtrak	P-42, NPCU, P-40, SC44		X	X		
Chicago, IL	14th Street (Service & Inspection)	Amtrak	Superliner, Horizon, Amfleet, P-42	X				
Chicago, IL	Brighton Park	Amtrak	Superliner, Horizon, Amfleet	X	X	X		
Hialeah, FL		Amtrak	Amfleet, Viewliner, P-42	X	X	X		
Los Angeles, CA		Amtrak	Superliner, Surfliner, Horizon, SC44, P-42	X	X	X		
New Haven, CT	Parcel G	Amtrak	Amfleet, ex-Metroliner, ACS-64, P-40, P-42, GP 40, MP-15	X	X			
New Orleans, LA		Amtrak	Superliner, Amfleet, Viewliner, P-42	X	X	X		
New York, NY	Sunnyside Yard	Amtrak	Amfleet, Viewliner, ACS-64, P32ACDM, NJ TRANSIT Equipment, ex-Metroliner	X	X			
New York, NY	Sunnyside High-Speed	Amtrak	Acela	X	X	X		
Oakland, CA		Amtrak	Superliner, California, Comet, F59, P-42, SC44	X	X			
Philadelphia, PA	Penn Coach Yard	Amtrak	Ex-Metroliner, Amfleet, P-42, ACS-64	X	X			
Rensselaer, NY	Albany-Rensselaer	Amtrak	Amfleet, P32ACDM, P-42, P-40, NPCU	X	X	X		X
Sanford, FL	Auto Train Facility	Amtrak	Superliner, P-40, P32, SunRail, Auto Carrier	X	X	X		
Seattle, WA		Amtrak	SC44, P-42, Superliner, Talgo, Sounder	X	X			
Washington, DC	Ivy City	Amtrak	Amfleet, ACS-64, P-42, MARC, Superliner	X	X	X		
Washington, DC	Ivy City High-Speed	Amtrak	Acela	X	X	X		
Wilmington, DE	Locomotive Shop	Amtrak	ACS-64				X	X

Note: SC44, MARC, Mafersa, MBB, California and Comet fleets are owned by our State and Commuter partners.



## Appendix D: Maintenance Facilities, continued



## State Partner-Contracted Maintenance Facilities

City/State	Facility Name (If not identified by city/state)	Staffed By	Equipment Serviced	Services Performed				
				Turn-around/ Layover Servicing	Periodic Maintenance	LCPM/ Frag- mented Overhaul Work	Over- hauls	Wreck rebUILds
STATE PARTNER-CONTRACTED MAINTENANCE FACILITIES								
Brunswick, ME	Brunswick Maintenance Facility (State owned)	Contractor	Amfleet I, NPCU, P-40, P-42	X	X			
New Haven, CT	CDOT (facility state owned)	Amtrak	P-40, GP-40, Mafersa, MBB	X	X			X
Baltimore, MD	Baltimore Penn Station	Amtrak	MARC equipment (HHP-8, MP36, SC44, Kawasaki/Nippon Sharyo/ Bombardier Cars)	X				
Raleigh, NC	Capitol Yard	Contractor	State-Owned	X	X			



Appendix D: Maintenance Facilities, continued

**State Partner-Contracted Maintenance Facilities**

Facility Name (If not identified by city/state)	Staffed By	Equipment Serviced	Services Performed				
			Turn-around/ Layover Servicing	Periodic Maintenance	LCPM/ Frag- mented Overhaul Work	Over- hauls	Wreck rebuids
TURNAROUND MAINTENANCE LOCATIONS							
Bakersfield, CA	Contractor	California, Comet, Horizon, F59, SC44	X				
Carbondale, IL	Contractor	Amfleet, Horizon, SC44	X				
Charlotte, NC	Contractor	Amfleet, Viewliner, P-42	X				
Eugene, OR	Contractor	Talgo, SC44	X				
Fort Worth, TX	Amtrak	Superliner, P-42	X				
Goleta, CA	Contractor	Surfliner, Horizon, SC44	X				
Harrisburg, PA	Amtrak	Amfleet, ex-Metroliner, ACS-64, P-42	X	X			
Indianapolis, IN	Amtrak	Amfleet, Horizon, P-42	X				
Kansas City, MO	Amtrak	Amfleet, Horizon, SC44	X				
Montreal, QC	Contractor	Amfleet, P-42	X				
Newport News, VA	Amtrak	Amfleet, P-42	X				
Niagara Falls, NY	Amtrak	Amfleet, P32ACDM, P-42, P-40, MP15, GP (various models)	X				
Norfolk, VA	Contractor	Amfleet, P-42	X				
Oklahoma City, OK	Contractor	Superliner, P-42	X				
Pittsburgh, PA	Amtrak	Amfleet, P-42	X				
Pontiac, MI	Amtrak	Amfleet, Horizon, SC44	X				
Port Huron, MI	Amtrak	Amfleet, Horizon, SC44	X				
Portland, OR	Contractor	Talgo, Superliner, P-42, SC44	X				
Richmond, VA	Amtrak	Amfleet, P-42	X				
Roanoke, VA	Contractor	Amfleet, P-42	X				
Rutland, VT	Contractor	Amfleet, P32ACDM	X				
Sacramento, CA	Contractor	California, Comet, Horizon, F59, SC44	X				
San Antonio, TX	Amtrak	Superliner, P-42	X				
San Diego, CA	Amtrak	Surfliner, Horizon, SC44	X				
San Luis Obispo, CA	Contractor	Surfliner, Horizon, SC44	X				
Savannah, GA	Contractor	Amfleet, Viewliner II, P-42	X				
Springfield, MA	Amtrak	Amfleet, P-40, P-42, Ex-Metroliner	X				
St. Albans, VT	Contractor	Amfleet, P-40, P-42	X				
St. Louis, MO	Amtrak	Amfleet, Horizon, SC44	X				
Toronto, ON	Contractor	Amfleet, P-42	X				
Vancouver, BC	Contractor	Talgo, SC44	X				
Lorton, VA	Amtrak	P-40, Auto Carrier, Superliner	X				
West Quincy, MO	Contractor	Amfleet, Horizon, SC44	X				





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