

The “New BAT” designation refers to a snowmobile that meets the park’s Best Available Technology (BAT) standard. As of December 15th, 2015, all snowmobiles entering the park must operate at or below 67 dBA and must be certified to a Family Emission Limit (FEL) no greater than a total of 15 g/kW-hr for hydrocarbons and 90 g/kW-hr for carbon monoxide. A snowmobile will be certified for six consecutive winter seasons following its manufacture or until the snowmobile travels 6,000 miles, whichever occurs later. See the table below for a list of approved snowmobiles.

View a [list of local businesses](#) that rent New BAT snowmobiles.

Approved Snowmobiles - Model Years 2015-2020

Snowmobile	Air Emissions (g/kW-hr)		Sound Emissions (dBA)
	Hydrocarbons	Carbon Monoxide	
2020 - Bombardier (Engine Family LBCXY.6007)			
Tundra Sport 600 ACE Tundra LT 600 ACE			
2020 - Bombardier (Engine Family LBCXY.6007GF)			
Grand Touring Sport 600 ACE			
2020 - Bombardier (Engine Family LBCXY.8997GF)			
Grand Touring Limited 900 ACE Grand Touring Sport 900 ACE Expedition LE 900 ACE Expedition SE 900 ACE			
2019 - Bombardier (Engine Family KBCXY.6007GF)	6	90	67
Renegade Sport 600 ACE Grand Touring Sport 600 ACE Tundra Sport 600 ACE Tundra LT 600 ACE Expedition Sport 600 ACE			
2019 - Bombardier (Engine Family KBCXY.8997GF)	6	75	67
Grand Touring Limited 900 ACE			
2018 - Bombardier (Engine Family JBCXY.6007GF)	6	90	67

MX-Z Sport 600 ACE Renegade Sport 600 ACE Grand Touring Sport 600 ACE Tundra Sport 600 ACE Tundra LT 600 ACE Expedition Sport 600 ACE			
2018 - Bombardier (Engine Family JBCXY.8997GF)	6	75	67
MX-Z TNT 900 ACE MX-Z Blizzard 900 ACE Renegade Adrenaline 900 ACE Renegade Enduro 900 ACE Grand Touring LE 900 ACE V Grand Touring SE 900 ACE Expedition Sport 900 ACE			
2018 - Yamaha (Engine Family JYMX1.04BDB)	7	31	66
Yamaha RS10Y			
2017 - Bombardier (Engine Family HBCXY.6007GF)	6	90	67
Ski Doo MX-Z Sport 600 ACE Ski Doo Renegade Sport 600 ACE Ski Doo Grand Touring Sport 600 ACE Ski Doo Tundra Sport 600 ACE Ski Doo Tundra LT 600 ACE Ski Doo Expedition Sport 600 ACE			
2017 - Bombardier (Engine Family HBCXY.8997GF)	6	75	67
Ski Doo MX-Z TNT 900 ACE Ski Doo MX-Z Blizzard 900 ACE Ski Doo Renegade Adrenaline 900 ACE Ski Doo Renegade Enduro 900 ACE Ski Doo Grand Touring LE 900 ACE V Ski Doo Grand Touring SE 900 ACE Ski Doo Expedition Sport 900 ACE			
2017 - Yamaha (Engine Family HYMX1.104BDB)	6.26	31	66
Yamaha RS10Y			
2016 - Bombardier (Engine Family GBCXY.6007GF)	8	90	66

Ski Doo MX-Z Sport 600 ACE Ski Doo Renegade Sport 600 ACE Ski Doo Grand Touring Sport 600 ACE Ski Doo Tundra Sport 600 ACE Ski Doo Tundra LT 600 ACE Ski Doo Expedition Sport 600 ACE			
2016 – Bombardier (Engine Family FBCXY.8997GF)	8	90	67
Ski Doo MX-Z TNT 900 ACE Ski Doo Renegade Adrenaline 900 ACE Ski Doo MX-Z Blizzard 900 ACE Ski Doo Renegade Enduro 900 ACE Ski Doo Grand Touring LE 900 ACE Ski Doo Expedition Sport 900 ACE			
2016 – Yamaha (Engine Family GBCXY1.04BDB)	7	31	66
Yamaha RS10Y			
2015 – Bombardier (Engine Family FBCXY.6007GF)	8	90	66
Ski Doo MX-Z Sport 600 AC Ski Doo Grand Touring Sport 600 Ski Doo Expedition Sport 600 ACE Ski Doo Renegade Sport 600 ACE Ski Doo Tundra LT 600 ACE Ski Doo Tundra Sport 600 ACE			
2015 – Bombardier (Engine Family FBCXY.8997GF)	8	90	67
Ski Doo MX-Z TNT 900 ACE Ski Doo Renegade Adrenaline 900 ACE Ski Doo GSX LE 900 ACE V Ski Doo Grand Touring LE 900 ACE Ski Doo Expedition Sport 900 ACE			

Snowmobiles older than 2015 model years are not approved.

Overview of BAT Requirements

	Air Emissions (g/kW-hr)		Sound Emissions (dBA)
	Hydrocarbons	Carbon Monoxide	

Average 2-Stroke (Non-BAT)	150	400	78
NPS New BAT Requirements	15 ¹	90 ²	67 ³

¹Hydrocarbons: certified by EPA to a Family Emissions Limit (FEL) of 15 g/kW-hr or less.

²Carbon Monoxide: certified by EPA to a Family Emissions Limit (FEL) of 90 g/kW-hr or less. Air emission figures for carbon monoxide and hydrocarbons presented are either the Official Test Results (OTR) or the certified FEL. The Official Test Results are actual measured emissions.

³To operate in the park after March 15, 2015, a population of measurements for a snowmobile model may not exceed a mean output of 67 dBA, and a single measurement may not exceed 69 dBA, using the J1161 test procedures.



Ride a Snowmobile or Snowcoach

Take a guided tour of wintry Yellowstone.



Snowmobile Access Program

Learn about our non-commercially guided snowmobile program.



Snowmobile Access Program Logistics

Review the logistics and regulations for the Non-commercially Guided Snowmobile Access Program.

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