

2026 Lincoln Aviator® SUV

TECHNICAL SPECIFICATIONS

1/13/26 v. 1.0



BODY INFORMATION

Body style	Wagon
Frame construction	Unibody, high-strength steel
Body material	Aluminum and steel
Trim levels	Premiere, Reserve, Lincoln Black Label™
Final assembly location	Chicago Assembly Plant, Chicago, Illinois

DRIVETRAIN

Layout	Rear-wheel drive (RWD)
	All-wheel drive (AWD)

ENGINE SPECS AND KEY FEATURES

	3.0L Twin-Turbocharged V6 with Auto Start-Stop
Horsepower ⁽¹⁾ (@ rpm)	400 @ 5,500
Torque ⁽¹⁾ (lb.-ft. @ rpm)	415 @ 3,000
Available Maximum Conventional Towing ⁽²⁾ (lbs.)	5,000
Intake Manifold	Composite shell-welded with runner pack
Displacement (liters/cubic inches)	3.0/180.4
Bore x Stroke (inches)	3.36 x 3.39
Compression Ratio (:1)	10.5
Valvetrain	Dual overhead camshaft (DOHC), dual variable camshaft timing (VCT), fixed lift
Valve Diameter (mm)	Intake: 32.5 Exhaust: 28.3
Valve Lift (mm)	Intake: 10.0 Exhaust: 9.0
Pistons	Cast aluminum, high-temperature cast aluminum alloy with low-friction coated skirts
Ignition	Coil-on-plug
Connecting Rods	Powered metal, forged steel with cracked caps
Crankshaft	Forged steel
Fuel Capacity (gallons)	20.2
Fuel Delivery	Direct injection
Fuel Economy (city/highway/combined)	RWD: 18/25/21 ⁽³⁾ AWD: 17/25/20 ⁽⁴⁾

(1) Horsepower and torque ratings are based on premium fuel per SAE J1349® standard. Your results may vary. Horsepower and torque are independent attributes and may not be achieved simultaneously.

(2) With Class III Trailer Tow Package. When properly equipped. Max. towing varies based on cargo, vehicle configuration, accessories, and number of passengers.

(3) EPA-estimated rating of 18 city/25 hwy./21 combined mpg, 3.0L twin-turbocharged V6 engine/10-speed automatic transmission/RWD drivetrain. Actual mileage will vary.

(4) EPA-estimated rating of 17 city/25 hwy./20 combined mpg, 3.0L twin-turbocharged V6 engine/10-speed automatic transmission/AWD drivetrain. Actual mileage will vary.

TRANSMISSION

Standard 10-Speed automatic with SelectShift® capability

	Gear Ratios (:1)
First	4.71
Second	2.99
Third	2.15
Fourth	1.77
Fifth	1.52
Sixth	1.28
Seventh	1.00
Eighth	0.85
Ninth	0.69
Tenth	0.64
Reverse	4.87
Final Drive Ratio	3.58

SUSPENSION

Front Configuration	Independent short- and long-arm (SLA) with stabilizer bar; available adaptive suspension or Air Glide suspension
Front Shock Absorbers	Gas-pressurized monotube dampers
Front Stabilizer Bar Diameter (mm)	35
Rear Configuration	Independent integral-link with isolated subframe, coil spring and stabilizer bar; available adaptive suspension or Air Glide suspension
Rear Shock Absorbers	Gas-pressurized monotube dampers
Rear Stabilizer Bar Diameter (mm)	23

STEERING

Type Electronic power-assisted

Steering Column	Power-adjustable with memory
Overall Ratio (:1)	13.1 – 20.1
Turning Diameter (feet, curb-to-curb)	39.0

BRAKES

Front Brake Calipers	Twin piston, aluminum
Front Rotor Size (inches)	13.6 x 1.26
Front Rotor Type	Vented
Rear Brake Calipers	Single piston, iron
Rear Rotor Size (inches)	13.8 x 1.02
Rear Rotor Type	Vented
Anti-Lock Braking System (ABS)	4-wheel ABS
Parking Brake	Electric

EXTERIOR DIMENSIONS (inches unless otherwise noted)

	RWD	AWD
Wheelbase	119.1	119.1
Overall Length	199.7	199.7
Vehicle Height (maximum)	69.2	69.6
Width (excluding mirrors)	79.6	79.6
Width (including mirrors)	89.9	89.9
Width (mirrors folded)	82.3	82.3
Track width – front	66.9	66.9
Track width – rear	66.9	66.9
Overhang – front	34.3	34.3
Overhang – rear	46.3	46.3
Angle of approach (degrees)	20.1	20.8
Angle of departure (degrees)	21.0	21.7
Ramp breakover angle (degrees)	17.3	18.2
Ground clearance	8.1	8.5

INTERIOR DIMENSIONS (inches unless otherwise noted)

Seating Capacity	Up to 7
Seating Configuration	2-2-2 or 2-3-2

Row	Head Room	Leg Room	Shoulder Room	Hip Room
1st	38.7/40.2 ⁽¹⁾	43.0	61.5	58.5
2nd	38.4	39.0/40.2 ⁽¹⁾	61.3	58.3
3rd	36.9	29.2	54.0	40.8

(1) Maximum length.

CARGO AREA DIMENSIONS (inches unless otherwise noted)

	RWD	AWD
Cargo Length at Floor – Behind 1st Row	83.5	83.5
Cargo Length at Floor – Behind 2nd Row	48.6	48.6
Cargo Length at Floor – Behind 3rd row	22.6	22.6
Cargo Length Above Floor – Behind 1st row	78.8	78.8
Cargo Length Above Floor – Behind 2nd row	43.4	43.4
Cargo Length Above Floor – Behind 3rd row	15.6	15.6
Cargo Height (maximum)	31.6	31.6
Width Between Wheelhouses	41.5	41.5
Rear Opening Height	29.8	29.8
Rear Opening Width – Lower	46.5	46.5
Lift-in Height	31.5	32.0

CARGO AREA VOLUME⁽²⁾ (cubic feet unless otherwise noted)

Passenger	157.0
Behind 1st Row	78.6
Behind 2nd Row	42.7
Behind 3rd Row	19.2
Hidden Cargo – Under Load Floor	2.7

(2) Cargo and load capacity limited by weight and weight distribution.

WEIGHTS AND CAPACITIES (pounds unless otherwise noted)

	RWD	AWD
Base Curb Weight	4,711	4,829
Max. Towing Capacity⁽³⁾	5,000	5,000

(3) With Class III Trailer Tow Package. When properly equipped. Max. towing varies based on cargo, vehicle configuration, accessories, and number of passengers.

WHEELS

Standard	Optional
20" Magnetic bright-machined aluminum (Premiere)	21" bright-machined aluminum with Dark Alloy-painted pockets (Premiere, Jet Appearance Package on Premiere)
21" bright-machined aluminum with Dark Alloy-painted pockets (Reserve 200A)	22" black aluminum (Reserve, Jet Appearance Package)
22" bright-machined aluminum with Magnetic-painted pockets (Reserve 201A)	22" bright-machined aluminum with Magnetic-painted pockets (Reserve 200A)
22" bright-machined aluminum with Ebony-painted pockets (Lincoln Black Label)	22" Ebony Black bright-machined (Reserve 201A, Lincoln Black Label, Jet Appearance Package on Lincoln Black Label, Lincoln Black Label Special Edition Package)

TIRES

Standard	Optional
255/55R20 all-season (Premiere)	275/45R21 all-season (Premiere with 21" bright-machined aluminum wheels with Dark Alloy-painted pockets)
275/45R21 all-season (Reserve)	275/40R22 107 W-Rated (Reserve 200A with 22" bright-machined aluminum wheels with Magnetic-painted pockets, Reserve 201A with 22" Ebony Black bright-machined wheels, Jet Appearance Package on Reserve and Lincoln Black Label, Lincoln Black Label Special Edition Package)
275/40R22 107 W-Rated (Reserve 201A with 22" bright-machined aluminum wheels with Magnetic-painted pockets, Lincoln Black Label)	

WARRANTY

Bumper-to-bumper

4 years/50,000 miles

Powertrain

6 years/70,000 miles

Safety Restraint System

5 years/60,000 miles

Corrosion (perforation only)

5 years/unlimited miles

Roadside assistance – Original Owner

Warranty start date/life of vehicle

Roadside assistance – Subsequent Owners

6 years/70,000 miles