

2025 LINCOLN AVIATOR

Technical Specifications



ENGINE

Standard

Type	Twin-turbocharged 3.0L V6 Engine with Stop-Start Technology Active Grille Shutters
Horsepower	400*
Torque	415 ft.-lb.*
Intake manifold	Composite shell-welded with runner pack
Fuel economy (mpg)	RWD – 18 city, 25 highway, 21 combined AWD – 17 city, 25 highway, 20 combined
Valvetrain	DOHC, dual VCT, fixed lift
Valve diameter (mm)	Intake - 32.5 Exhaust - 28.3
Valve lift (mm)	Intake - 10 Exhaust - 9
Pistons	Cast aluminum, high-temperature cast aluminum alloy with low-friction coated skirts
Connecting rods	Powered metal, forged steel with cracked caps
Ignition	Coil-on plug
Bore and stroke (mm)	85.4x86
Displacement	3.0L
Compression ratio	10.5:1
Crank shaft	Forged steel
Fuel delivery	Direct injection
Fuel capacity	76.5L (20.2 gal)

DRIVETRAIN

Standard

Layout	Rear-wheel drive																					
Transmission	Ten-Speed SelectShift® Automatic Transmission with SelectShift Capability																					
Gear Ratios	<table border="0"> <tr> <td>Final Drive Ratio:</td> <td>3.58</td> <td></td> </tr> <tr> <td>Reverse Gear Ratio:</td> <td>-4.885</td> <td>6th Gear Ratio: 1.275</td> </tr> <tr> <td>1st Gear Ratio:</td> <td>4.714</td> <td>7th Gear Ratio: 1.000</td> </tr> <tr> <td>2nd Gear Ratio:</td> <td>2.997</td> <td>8th Gear Ratio: 0.853</td> </tr> <tr> <td>3rd Gear Ratio:</td> <td>2.149</td> <td>9th Gear Ratio: 0.689</td> </tr> <tr> <td>4th Gear Ratio:</td> <td>1.769</td> <td>10th Gear Ratio: 0.636</td> </tr> <tr> <td>5th Gear Ratio:</td> <td>1.521</td> <td></td> </tr> </table>	Final Drive Ratio:	3.58		Reverse Gear Ratio:	-4.885	6th Gear Ratio: 1.275	1st Gear Ratio:	4.714	7th Gear Ratio: 1.000	2nd Gear Ratio:	2.997	8th Gear Ratio: 0.853	3rd Gear Ratio:	2.149	9th Gear Ratio: 0.689	4th Gear Ratio:	1.769	10th Gear Ratio: 0.636	5th Gear Ratio:	1.521	
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*Horsepower and torque ratings based on premium fuel per SAE J1349® standard. Your results may vary. Specifications are subject to change. For more information, visit media.lincoln.com



DRIVETRAIN

Standard

Brakes	Front: • Twin 45mm aluminum caliper • 345x32 vented rotor • NAO brake pads
	Rear: • Single 45mm iron caliper (electric integrated parking caliper) • 350x26mm rotor • NAO brake pads
Handling	4-Wheel Disc Anti-Lock Braking System (ABS)
	Electric Parking Brake
	Hill Start Assist
	Auto Hold
	Electric Power-Assisted Steering

DIMENSIONS (INCHES)

EXTERIOR

Wheelbase	119.1
Overall Length	199.7
Overall Height	69.2
Width (including mirrors)	89.9
Width (mirrors folded)	82.3
Width (excluding mirrors)	79.6
Track Width (F/R)	66.9/66.9

INTERIOR – FRONT

Headroom (maximum) Vista Roof	40.2
Legroom (maximum)	43
Hip room	58.5
Shoulder room	61.5

INTERIOR – 2ND ROW

Headroom Vista Roof	38.4
Legroom (maximum)	40.2
Hip room	58.3
Shoulder room	61.3

INTERIOR – 3RD ROW

Headroom	36.9
Legroom	29.2
Hip room	40.8
Shoulder room	54

WEIGHTS AND CAPACITIES

BASE CURB WEIGHT (LBS.)

Standard RWD	4,852
Standard AWD	4,970

TOWING (LBS.) WITH CLASS III TRAILER TOW PACKAGE

Premier, Reserve and Black Label	5,000
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CAPACITIES (CU.-FT.)

Passenger volume (Vista Roof)	140.6
Cargo volume	
Behind front row	78.6
Behind 2nd row	42.7
Behind 3rd row	19.2

EXTERIOR COLORS

Whisper Blue Metallic Clearcoat	Ceramic Pearl Metallic Tri-coat
Cenote Green Bright Colorant Clearcoat (Black Label only)	Infinite Black Metallic Clearcoat
Red Carpet Metallic Tinted Clearcoat	Pristine White Metallic Tri-coat
Asher Gray Metallic Clearcoat	Black Painted Roof (Black Label only)

INTERIOR COLORS AND THEMES

Invitation/Onyx (Black Label)	Medium Light Space Gray with Onyx (Premiere and Reserve)
Flight/Luggage Tan (Black Label)	Onyx and Harvest Bronze (Reserve Only)
Onyx (Premiere and Reserve)	Onyx and Hot Chocolate (Reserve Only)
Light Space Gray and Onyx (Premier and Reserve)	

STANDARD FEATURES

Climate

Auto Air Refresh

Cabin Particulate and Odor Filter

Tri-Zone Climate Control

Comfort and Convenience

13.2" LCD touch-screen in center-stack

One (1) – 110V/150W AC Power Outlet

Two (2) – Smart Charging USB Ports (Types C & C), 12V Auxiliary Ports – Main Bin, Cargo Area

Two (2) – Smart Charging USB Ports (Types A & C) – Front Media Bin

Two (2) – Smart Charging USB Ports (Types C & C) – Console Rear Panel

Two (2) – Smart Charging USB Port (Types C & C) – Third Row

5.8" Second Row LCD Touchscreen Climate Controls (with Audio and Heated/Ventilated Seat Controls when equipped)

Ambient interior lighting

Coat hooks - (2) Second Row and Third Row

Adaptive Cruise Control with Stop-and-Go, Lane Centering, and Speed Sign Recognition

Adaptive Suspension

Delayed Accessory Lighting

Overhead Console with Sunglasses Holder

Floor Mats - First and Second Row Carpeted

Frameless, Electrochromatic Auto Dimming Rearview Mirror

Front Floor Aluminum-Wrapped Console with armrest plus storage

Grab Handles - Wrapped Front Passenger, Second Row, and Liftgate

Heated and Ventilated First Row Seats

Intelligent Access (4 doors) with Push Button Start

Leather-Wrapped, Heated Steering Wheel with Speed and Audio Controls

Lincoln BlueCruise, 4 years*

LED Dome Lamps - First Row and Cargo

LED Illuminated Door Switches

LED Reading Lamps - All Rows

Lincoln Co-Pilot360® 2.1

Lockable Interior Storage - Illuminated glove box

Map Pockets

Personal Profiles (Audio, Climate, Displays, Driver Assist Features, Mirrors, and Seats)

Phone as a Key

Power Door Locks with Autolock

Power/Heated Steering

Power Tilt/Telescoping Steering Column

Power Windows with Front and Rear One-Touch Up/Down Feature

Second-Row Bench Seat – 35/30/35 Power Tip-and-Slide Release (Standard for Livery 500A only)

Sun Visors with Dual Illuminated Mirrors

Symphonic Chimes

Universal Garage Door Opener

Wireless Charging pad

Entertainment Systems

Lincoln Connect™ with 5G embedded modem with WiFi® hot spot capability, enables Lincoln Way™ App remote features (when activated)

Lincoln Premium Audio System with 10 Speakers including Subwoofer and HD™ Radio/AM/FM Stereo

Lincoln Connected Service, 1 year

Lincoln Digital Experience

Connected Navigation System

Rear seat 5.8" Digital Audio and Climate Controls

Seating

First Row - Heated and Ventilated Comfort Seats (10-Way Driver, 8-Way Passenger) Power with Two-Way Power Lumbar

Lincoln Soft Touch Seating Surfaces

PowerFold® third-Row 50/50 split fold-flat bench seat

Second-Row Bench Seat – 35/30/35 Power Tip-and-Slide Release

Exterior Features

Auto-dimming driver's sideview mirror

Class III Trailer Tow Package includes 4-pin & 7-pin connectors, class III hitch & wiring, BLIS w/CTA & Trailer Tow (when properly equipped), Smart Trailer Tow, and Trailer Sway Control

Heated, dual power adjustable, Autofold exterior mirrors with memory

Panoramic Vista Roof® with Power Shade

Remote Start

Standard 20" Wheels

Appearance

20-inch Magnetic Bright-Machined Aluminum Wheel

Antenna - Integrated in spoiler/rear quarter glass

All-Season 255/55R20 Tire

Aluminum roof rack side rails

Body-Color Front and Rear Bumpers, Rear Spoiler

Body-Color Light Touch Door Handle

Full LED Headlamps with Signature Lighting

Grille - Plated Satin Chrome Finish

Illuminated door handle pockets

LED Backup Lights

LED Daytime Running Lamps - Fade On/Off

LED Fog Lamps

LED Redundant Tail Lamps

LED Turn Signal Indicators

Lincoln Embrace Welcome/Farewell Elements

Power liftgate

Quad Chrome Exhaust Tips

Welcome Mat (Lincoln Logo)

Protection

Easy Fuel® Capless Fuel Filler

360-Degree Camera

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*Available Feature. [Lincoln] BlueCruise requires a Connected Service plan, Lincoln Way® App, and modem activation. Equipped Lincoln vehicles come with either a 90-day trial or a 2-year or 4-year BlueCruise Connected Service plan, after which purchase is required. See your Lincoln retailer for more details. BlueCruise driver-assist features are supplemental and do not replace safe driving or driver's attention, judgment and need to control the vehicle. Only remove hands in a Hands-Free Blue Zone. Always watch the road and be prepared to resume control. See Owner's Manual for details and limitations. Specifications are subject to change. For more information, visit media.lincoln.com



STANDARD FEATURES

Safety

4-Wheel Disc Anti-Lock Braking System (ABS)

AdvanceTrac® with RSC® (Roll Stability Control™)

Adaptive Suspension

Belt-Minder® (safety belt reminder) - 1st, 2nd, & 3rd Row

Blind Spot Information System with Cross Traffic Alert

Driver and Front Passenger Dual-Stage, Glove-Box-Door Integrated Knee, Side Impact, Side Curtain with Rollover Sensor – Safety Canopy® – Front Row Side Seat Airbags, Front-Seat Side Airbags, and Safety Canopy/Air Curtain (3-rows) with roll-over sensor Airbag

Pre-Collision Assist with Automatic Emergency Braking (AEB)

Four-Way Adjustable Head Restraints first- and second-row outboard seats

Remote Keyless Entry

LATCH (Lower Anchors and Tethers for Children) on Rear Outboard Seat Positions

Personal Safety System® (1st row) includes seatbelt pre-tensioners, load-limiting retractors, driver seat position sensing, crash severity Sensing, and seatbelt tension reducers

Security

Battery Saver

Lincoln Embrace and Lincoln Approach Detection System

Enhanced Security Package - Intrusion and Inclination Sensors, Passive Anti-Theft System, and Perimeter Alarm

SecuriCode™ Keyless Entry Keypad

SecuriLock® Passive Anti-Theft System

SOS Post-Crash Alert System™

Tire Pressure Monitoring System (TPMS) - Individual tires

Traction Control - Brake & Engine Actuated

Windows and Glass

Acoustic/laminated first and second-row glass

Heated VisioBlade™ Rain-Sensing Wipers

Rear window defroster

Privacy Glass – second-row and liftgate

AVAILABLE FEATURES

Climate

Quad-Zone Climate Control (independent 2nd and 3rd rows)

Entertainment Systems

Revel™ Audio System with 14-Speakers and HD Radio, MP3 Player, and Satellite/AM/FM Stereo

Seating

Premium Leather Enhanced Micro-Perforated Seats (Available on Aviator Reserve)

Second-Row Captain's Chairs with mini-floor console and PowerFold® Easy Entry (Available on Aviator Reserve)

Full Rear Console with Rear Panoramic Vista Roof® Shade Controls and Two Smart-Charging USB Ports (Types C & C)

Appearance

Front License Plate Bracket (included in states requiring front license plates)

22-inch Ultra-Bright Machined Aluminum painted wheel

Aviator unique grille, badging and trim

Aviator 20- and 21-inch wheel options

AVAILABLE PACKAGES

Dynamic Handling Package includes Air Suspension, Air Glide Suspension with Dynamic Lower Entry, and Adaptive Steering

Elements Package Plus (optional for Aviator Reserve, included in Black Label) includes first-and-second-row heated/ventilated seats, heated steering wheel, heated/ventilated second-row seats, and heated VisioBlade™ wipers

Illumination Package includes Adaptive Pixel LED Headlamps, Lincoln Dynamic Signature Lighting (LED Daytime Running Lamps - Sequential On/Off), Lincoln Lit Star

Luxury Package includes Perfect Position Seats (30-Way) with Active Motion, Revel™ Ultima 3D Audio System with 28 Speakers, and Manual Rear Door Sunshades

DRIVER ASSIST FEATURES

Standard Lincoln Co-Pilot360™

Auto high beams

Pre-Collision Assist with automatic emergency braking

- Pedestrian Detection
- Forward Collision Warning
- Dynamic brake support

Lane-Keeping System

- Lane-Keeping Alert
- Lane-Keeping Assist
- Driver Alert

Rearview camera

Blind Spot Information System with cross-traffic alert

Lincoln Co-Pilot360™ Plus

Adaptive cruise control with traffic jam assist

- Lane centering
- Speed sign recognition
- Stop-and-go

360-degree camera

Front sensing system

Evasive steer assist

Reverse brake assist

Active Park Assist Plus