

BLUE BIRD  
**VISION**  
PROPANE

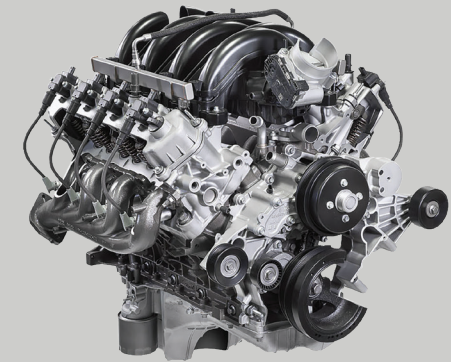


# RELIABLE TECHNOLOGY

Blue Bird's commitment to alternative fuel safety and innovation has been steadfast since the introduction of our first generation of propane-powered buses in 1993.

Now on our fifth generation, we continue to improve and introduce innovations that lead the market with our proven partnership with ROUSH CleanTech and Ford.

Each Blue Bird Vision Propane school bus comes equipped with a 7.3L V8 Ford engine and ROUSH CleanTech propane fuel system. Ford's 335-horsepower 7.3L engine is compact, powerful, and easy to maintain. This bus retains equivalent horsepower, torque, towing capacity, and warranty coverage as its gas and diesel counterparts. Blue Bird has Built and Sold Over 20,000 Vision Propane Buses.



THE PROVEN  
**Ford 7.3L**  
**V8 Engine**

**ROUSH**  
CLEANTECH





## Committed to Safety

Propane is a very safe alternative fuel — it is non-toxic and nonpoisonous and poses no harm to groundwater, surface water, or soil. It does not spill, pool, or leave any residue when released but dissipates into the air.

**Our buses are just as safe as the fuel itself**, with built-in features that ensure the safety of every passenger, including tanks that are 20 times more puncture resistant than a typical fuel tank and are positioned between the robust frame rails. The fuel system is fitted with safety devices and shut-off valves that function automatically.



# THE TOTAL COST OF **OWNERSHIP SOLUTION**

When configuring a bus, one should consider the total cost it will take to operate and fuel the vehicle throughout its lifetime. **The total cost of ownership (TCO) for propane buses is the lowest of any fuel type** because the fuel is produced domestically, bringing it to a lower cost than typical oil-based fuels. There are also fewer parts to maintain, which lowers the overall cost of maintenance. That's why Blue Bird has developed a (TCO) calculator to show you the savings.

This calculator helps you determine which fuel type will be less expensive to maintain over the course of its running lifetime. Most often, propane is the clear winner for providing the lowest TCO of any fuel type.



**Calculate your Total Cost of Ownership:**

[www.roushcleantech.com/school-bus-calculator/](http://www.roushcleantech.com/school-bus-calculator/)





## Affordable Infrastructure

The infrastructure for propane is affordable and scalable. Propane pumps operate similarly to diesel and gasoline, making them easy for anyone to use. Many times, your local propane provider will install a fueling station on site for low or no cost with a long-term propane contract. If an onsite fueling station isn't an option, there are thousands of propane autogas fueling stations in the U.S., with stations in every state.

## Low-Emissions Engine

Buses that run on propane emit fewer greenhouse gases and total hydrocarbon emissions and virtually eliminate particulate matter. The 7.3L Ford engine, paired with the ROUSH CleanTech fuel system, is certified to the standard low NOx level of 0.02 g/bhp-hr, making it 90% cleaner than EPA's most stringent heavy-duty engine standard. In fact, it takes 10 Blue Bird Vision Propane buses to emit as much NOx as one clean-diesel bus.



WHAT MAKES  
BLUE BIRD

**THE  
BEST  
BUS?**

**Safety is  
Always**

**#1**





## Transporting the world's most precious cargo since 1927

At Blue Bird, added safety is not an option. It is a standard. All Blue Bird buses meet and exceed U.S. Federal Motor Vehicle Safety Standards and Canada Motor Vehicle Safety Standards.

**We offer the only school bus that comes standard with all of these certifications:**



Colorado Rack Test



Kentucky Pole Test

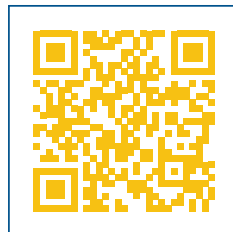


Electronic Stability Control



Rear Backup Camera

Check how our Electronic Stability Control Works!



## What is the Colorado Rack Test and the Kentucky Pole Test?

**The Colorado Rack test** verifies the structural integrity and crashworthiness of school bus designs. The test simulates a rollover crash by applying a constant load along the full length of the bus body. This ensures that all pushout windows and emergency exits will be fully functional after an accident occurs. Blue Bird feels it is essential that our buses are constructed to meet the Colorado Rack test standards, ensuring safe exit in the event of a rollover crash.

**The Kentucky Pole test** is designed to verify that the interior panels above the window will not separate and expose sharp edges in the event of a crash. The test involves a rollover simulation in which the bus strikes a pole-like object, which forces the roof to bend into the passenger compartment. Standards require that separation of body panels must not occur when the roof bends between 8-10 inches.





THE BLUE BIRD VISION PROPANE:

# **THE MOST POPULAR ALTERNATIVE FUEL SCHOOL BUS**

■ With over 20,000 sold, Blue Bird's 5th Generation Vision Propane bus is engineered to deliver fuel and maintenance cost-saving results, as well as offering drivers a pleasant riding and operating experience.

Powered by the reliable Ford 7.3L engine, this bus is designed and engineered to operate on propane featuring the ROUSH CleanTech Propane Fuel System. As many satisfied customers can affirm, Blue Bird propane buses provide safe, clean, and reliable transportation without an expensive investment. If you haven't yet experienced the Blue Bird Vision Propane bus, be sure to contact your local dealer for a test drive today!



SCHOOL BUS



MERCER



# WHAT ARE PEOPLE SAYING **ABOUT PROPANE?**

“

The biggest thing we have noticed is that the clean operation of the propane buses has reduced the emissions in our garage and around our schools. There is far less crude build-up on our computer screens inside of our maintenance bays, which is obviously a plus for our lungs.

Barry Byran, Director of Transportation Bradford Area School District  
Bradford, Pennsylvania

“

It's imperative that our school buses maintain their power on hills. We weren't willing to compromise performance. We've found that our propane buses have more power than diesel buses, giving our drivers confidence.

Lloyd L. Peck, Ed.D., Superintendent of Schools Chenango Forks Central School  
District Binghamton, NY

“

The infrastructure we thought we'd have to pay for. But, we found that the [propane provider] takes most of the cost in.

John Benish, Jr., CEO  
Cook-Illinois Corporation Chicago, Illinois



# Vision Propane Technical Specifications



## Capacity

Multiple floor plans available with passenger seating up to 83

## Exterior Width

96"

## Interior Width

90 <sup>3</sup>/<sub>4</sub>"

## Aisle Width

Varies by Floor plan

## Skirt Length

16 <sup>1</sup>/<sub>4</sub>", 19 <sup>3</sup>/<sub>4</sub>", 25 <sup>3</sup>/<sub>4</sub>"

## Wheelbase

169" / 189" / 217" / 238" / 252" / 273" / 280"

## Overall Height

121"-128" excluding roof options

## Interior Height

77"

## Front Axle

Rating varies by capacity

## Rear Axle

Rear axle with hypoid, single reduction gears with broad range of ratios available to optimize powertrain performance (rating varies by capacity)

## Suspension

Soft ride front leaf spring suspension (Rating varies by capacity); Two-stage steel leaf rear spring suspension system; Air Suspension available

## Wheel Cut

50°

## GVWR

Up to 33,000 lbs.

## Steering

Tilt & telescoping steering column

## Engine Calibration

EconoShift™ and PowerShift™

## Alternator

210, 240, 280, and 325 amps with 12 volts

## Tire Size

11R22.5, all-position radials

## Engine

Ford® 7.3L with ROUSH CleanTech Liquid Propane Autogas Fuel System, 335 hp

## Brakes

4-wheel hydraulic disc brakes with 4-channel anti-lock brake system; Air drum and air disc brakes available

## Overhang

45" front overhang with standard steel bumper. Rear overhang varies by body length/ wheelbase

## Rear Door

37" wide x 52" high

## Entrance Door

27" wide x 78" high/double electric outward opening

## Transmission

Ford® 6R140 - 6 speed automatic

## Fuel Tank

Standard (usable) 67-gallon; optional 93-gallon located between frame rails in rear overhang, 47-gallon for 169" wheelbase





**BLUE BIRD**®

**VISION**  
PROPANE

Information shown was valid on the date of printing. In keeping with its policy of continual product improvement, Blue Bird reserves the right to change specifications without notice and without incurring obligations. Some equipment and features shown may be optional- your Blue Bird Dealer will explain. SB-VISBROCHURE-0629 2023 ©Blue Bird Corporation.