

BLUE BIRD PROPANE-POWERED VISION®



Technical Specification Highlights

CAPACITY	Multiple floor plans available with passenger seating up to 78 students or 52 adults	TRANSMISSION	Ford® 6R140 - 6 speed automatic
EXTERIOR WIDTH	96"	ENGINE	Ford® 6.8L with ROUSH CleanTech Liquid Propane Autogas Fuel System
INTERIOR WIDTH	90 3/4"	TIRE SIZE	11R22.5 (G) all-position radials
AISLE WIDTH	Varies by floor plan	ALTERNATOR	240-amp, 12 volts
SKIRT LENGTH	16 1/4"	BRAKES	4-wheel hydraulic disc brakes with 4-channel anti-lock brake system
INTERIOR HEADROOM	77"	SUSPENSION	Soft ride front leaf spring suspension (rating varies by capacity) ; Two-stage steel leaf rear spring suspension system (rating varies by capacity)
OVERALL HEIGHT	122" - 128" depending on options	STEERING	Tilting & telescoping steering column
WHEELBASE	189" / 217" / 238" / 252" / 273" / 280"	FRONT AXLE	Front axle (rating varies by capacity)
OVERHANG	45" front overhang with standard steel bumper Rear overhang varies by body length/ wheelbase	REAR AXLE	Rear axle with hypoid, single reduction gears with broad range of ratios available to optimize powertrain performance (rating varies by capacity)
FUEL TANK	67.5-gallon located between the frame rails in rear overhang	WHEEL CUT	50°
ENTRANCE DOOR	27" wide x 78" high / double manual operated, outward opening	GVWR	Up to 33,000 lbs.
REAR DOOR	37" wide x 52" high		

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Chassis

- Type C design
- Ford® 6.8L engine with ROUSH CleanTech Liquid Propane Autogas Fuel System
- Engine fan clutch
- Exhaust tailpipe routed to left side before rear wheels (depending on chassis wheelbase)
- Automatic Transmission
- Driveline guard at each shaft section
- Six (6) all-position radial tires
- Six (6) 22.5in. disc, hub-piloted steel wheels
- Front axle (rating varies by capacity)
- Soft ride front leaf spring suspension (rating varies by capacity)
- Rear axle with hypoid (rating varies by capacity), single reduction gears with broad range of ratios to optimize powertrain performance
- Two-stage steel leaf rear spring suspension system (rating varies by capacity)
- 4-wheel hydraulic disc brake system
- 4-channel anti-lock brake system
- 50,000 PSI C-channel steel frame rails
- ASME Certified steel propane fuel container between frame rails in rear overhang
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- 240-amp alternator, 12 volts
- Group-31 batteries secured to slide-out tray in compartment
- Chassis multiplex wiring

Durability

- Entire underbody (body skirt and floor) is undercoated before mounting on chassis
- Exterior surfaces are finished with heat-cured, ultra durable urethane paint for gloss and color retention
- Interior surfaces are finished with high-quality paint

Strength

- 50,000 PSI C-channel steel frame rails
- Steel front bumper
- Steel rear bumper
- Blue Bird's legendary unitized construction creates a "mighty safety cage" around the passenger compartment
- Steel exterior body side rub rails applied at bottom of window, seat cushion, above floor level and at bottom of skirt

Safety

- Superior driver visibility
- Superior maneuverability achieved by optimized steering component geometry
- 4-wheel hydraulic disc brake system
- 4-channel anti-lock brake system
- ASME Certified steel propane fuel container between frame rails in rear overhang
- Blue Bird's legendary unitized construction creates a "mighty safety cage" around the passenger compartment
- Rearview mirrors, split design flat and convex
- Dome lights in passenger compartment
- Electric intermittent single switch windshield wipers

Serviceability

- Easy hood opening with retainer
- Halogen headlights, high/low beam
- Easy access to front headlights
- Easy access to fluids
- Chassis warning indicator lamps
- Body wiring circuits accessible through exterior electrical compartment
- Fused electrical circuit protection throughout body and chassis
- Wiring is color coded throughout harness for easy circuit identification

Comfort & Convenience

- Soft ride front leaf spring suspension (rating varies by capacity)
- Tilting & telescoping steering column
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- Entrance door, manually operated, outward opening with upper and lower glass
- Windshield, tinted laminated glass
- Split-sash passenger windows with easily servicable lockrail latch
- Ergonomically designed driver's cockpit with switches and controls placed for drivers from 5th percentile female to 95th percentile male
- Driver's seat with fore/aft and up/down adjustments
- 3-point lap & shoulder belt with vertical adjustment
- 90,000 btu/hr front heater and defroster
- Backlit, easy to reach switch panel with rocker switches
- Dome lights in passenger compartment

Optional Features

- Rear air ride suspension
- 4-wheel air drum brake system
- Wheelchair lift door and power lift
- Wheelchair securement option for special-needs passengers
- Extended service coverage
- Lease/Purchase services
- Exhaust tailpipe routing option
- Tire size, load range, and tread design
- Stainless steel wheel inserts
- Aluminum wheels
- Front steel leaf spring suspension ratings
- Rear axle ratios
- Air drains routed to skirt

Dimensions

Headroom	77"	
Width Exterior	96"	
Width Interior	90 3/4"	
Skirt Length	16 1/4"	
Overall Length	359" - 499"	
Overall Height	122" - 128" excluding options	
Wheelbase/Passenger Capacity	CHILDREN 189" = 48 217" = 54 238" = 60 252" = 66 273" = 72/77 280" = 78	ADULTS 189" = 28/32 217" = 32/36 238" = 36/40 252" = 40/44 273" = 44/52 280" = 52

Specifications shown were in effect on the date they were approved for 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. AM-VIS-PP-1212 © 2012 Blue Bird Corporation

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