Specifications

Model D40LF Length 40.6 ft over bumpers 39.9 ft over body Width 102" over body Width, incl. Mirrors 132" approx. Height 111" Floor Height 14.5" 11.5" Kneeling Wheelbase 293" Interior Height, floor to ceiling 94" above front axle 77" above rear axle Tire Size B275/70R22.5(std) or 305/70R22.5 Aisle Width 24" minimum Weight, Diesel 27,600 lb. estimated, depends on options Approach Angle 9° Departure Angle 9° Breakover Angle 8.3° Turning Radius 44 ft (outside including bumper) Wheelchair accessibility

NewFlyer Patented ramp
Weight capacity: 600 lb.
Dim. Of Ramp: 30.5"W x 44"L
One hand control (Deploy-Float-Show)
Independent Hydraulic System

Seats up to 39 seats depending on configuration

3 of wheelchair locations

2 Electrical System

PLC (*Programmable Logic Contro*l) with Allen Bradley Software, 12 volt DC equalized

Cooling System Tested and certified to meet engine manufacturers requirements Frame Semi-Monocoque Engine Options w/electronic control Detroit Diesel S40, S50
Cummins ISC/C8.3 Transmission Allison B400R with Integral Staged Retarder (4 to 6 speed combinations) Brakes

Air, ABS standard on US properties, Optional Traction Control

Axles Meritor, M.A.N. Heating, ventilation, and air conditioning Heat and Air Conditioning systems from various manufacturers and models, both in rear and roof top mounts.

Low Floor - 40 ft. Go to the page.

The Evolution of the Transit Bus
Driving Innovation takes commitment and New Flyer responded to market conditions by offering North America a low floor heavy duty transit bus. New Flyer offers advanced features Transit Authorities have come to expect, and passengers demand.

Ridership Comfort
Passengers will appreciate our, large doors, no steps, anti-slip flooring, and generous aisle width when entering and exiting New flyer buses. The physically challenged ridership will appreciate our non-threatening bridging ramp, and kneeling bus. Our innovative approach to design called for an industry improvement to change how we get people on and off buses when challenged physically. The answer was to engineer our own ramp: incorporating simple design, fewer moving parts, and durable construction. The rugged design works well in the field, and impresses maintenance crews by the absence of problems.

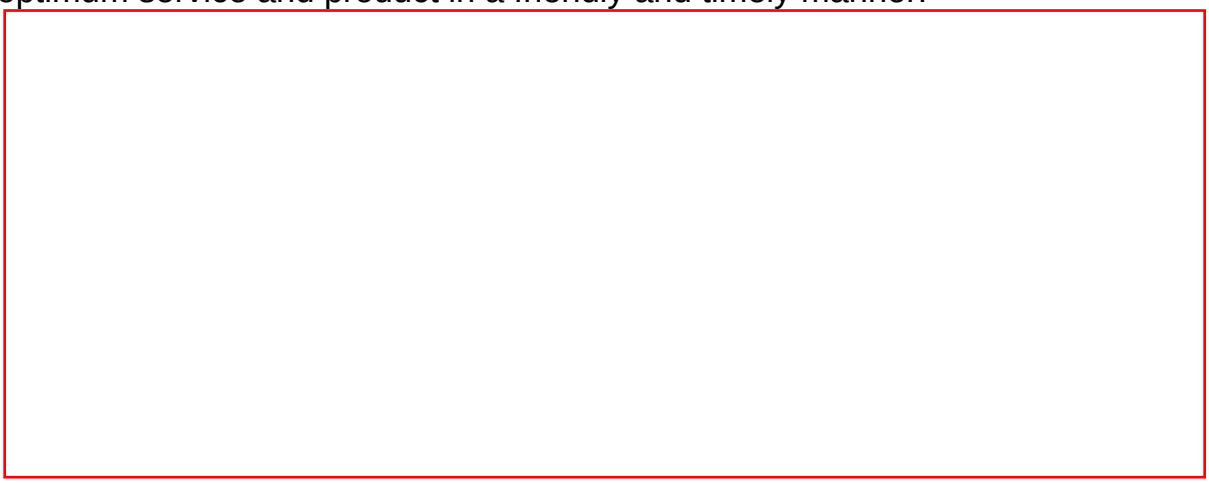
Once passengers are seated, the large panoramic windows bring the outdoors a little closer. Our designers work with our customers to bring practical seating layouts that are both comfortable for passengers, and also meet with approval from transit Authorities.

Operators will appreciate switches, gauges, door controls, foot pedals, and driver's seat all ergonomically designed to be within easy reach and correct height. Operators will be pleased with our simplified wheelchair switch featuring a guarded one finger three position: deploy-stow and float operation.

Electrical Technology
Innovation and a commitment to replace old technologies with new and superior ones prompted New Flyer to revolutionize the industry by being the first manufacturer to supply Programmable Logic Controllers (PLC) in production buses as standard equipment. The PLC allows for multiplexing with only one wire raceway providing a trouble free simplified electrical system. Reduced wire runs, reduction in wire relays, make the system simple and inexpensive to ass, remove, or troubleshoot.

Maintenance
New Flyer is building a solid reputation on manufacturing rugged buses that stand the test of time. Maintenance crews like the support they have to come to expect from New Flyer. Our combination of training, electronic manuals, and customer service give transit maintenance departments the tools they

need to properly maintain a fleet of New Flyer buses. Management will enjoy reduced operating costs due to commonality of parts between different models. Our Parts Division is committed to giving optimum service and product in a friendly and timely manner.



Our commitment to public safety is paramount, by designing and installing fuel systems to meet gas codes. The fuel system in a natural gas bus complies with ANSI NGV 3.1/CAN CGA-12.3, NFPA 52/57, and CAN/CGA-B149.4 Additional safety precautions are utilized by offering a fire suppression system as standard on Alternative Fuel Buses. Interlocks provide a failsafe method to prevent the bus from starting when fueling or performing maintenance in this area. The 40ft Low Floor model is also available with Compressed Natural Gas (CNG) and Liquid Natural Gas (LNG). To learn more about these alternative fuel solutions, please navigate to the Alternative Fuels page.

Testing and Approvals

With innovation comes the responsibility to provide fully tested and safe vehicles. The New Flyer 40ft Low Floor Heavy Duty transit bus meets ADA, FMVSS and CMVSS compliant criteria. The New Flyer 40ft Low Floor has been tested at Altoona, and Ortech International.

Customers

New Flyer model D40LF coaches are currently operating in cities such as Anchorage, AK; Victoria, BC; Chicago, IL; Las Vegas, NV; Edmonton, AB; Atlanta, GA; Houston, TX; Madison County, IL; Milwaukee, WI; Orange County, CA and Tacoma, WA.