



The bus that set the standard in the low-floor urban transit industry has proven itself to be one of the most reliable on the road today! These versatile, heavy-duty buses are operating dependably from Alaska to California and from Alberta to Georgia across Canada and the U.S. in various environments.

Setting the Standard

New Flyer's diesel 40' low floor is the bus that sets the standard for low floor urban transit buses in North America. The D35LF incorporates all the features and workmanship of the D40LF in a more compact model. New Flyer uses a proven heavy duty monocoque frame. Construction is made with high tensile steel plate and tubing welded to produce the shell.

Comfort and Technology Combined

These heavy-duty models combine rider and driver comfort with ease of handling and technologically-advanced features.

Our 'driver's comfort zone' has been ergonomically designed to be one of the most comfortable on the market. Passenger seats are designed for comfort as well. The physically-challenged ridership will appreciate the easy-access ramp design and secure wheelchair restraint system.

Operators will appreciate the simplified one-finger, 3-position, deploy-stow-and-float feature offered on our ramp. The ramp's proven, rugged,

and simple design will impress maintenance crews by its absence of problems.

Maintenance people will appreciate the simplified, easy-access controls and programmable logic control system. Even trouble shooting is simplified via computer hookup.

Versatility

The D40LF is designed to be the work horse of the fleet. The D35LF could be assigned to variable-density feeder routes. The D40LF accommodates up to 39 seats, while the D35LF has up to 30 depending on seating configuration.

Maintenance and Componentry

The vehicle's electrical system (VCOM™) brings together the latest in automotive electronics and electrical networking for a fast, easy to maintain vehicle electrical system. It opens the door to maintenance labor savings, less downtime and easy upgradeability.

New Flyer uses reliable North American components specifically designed for the transit bus industry. Exterior and interior access panels, combined with a simplified design allow crews quick access for scheduled maintenance. Management will enjoy reduced operating costs due to commonality of parts among New Flyer different models (i.e. D30LF, D60LF).

Safety, Testing and Approvals

New Flyer diesel 35' and 40' Low Floor Transit Buses meet ADA, FMVSS, and CMVSS compliant criteria. Both model designs have been tested at Altoona.



D35/40LF

D35LF**D40LF****SPECIFICATIONS**

Length	35.5 ft. over bumpers 34.6 ft. over body	40.85 ft. over bumpers 40 ft. over body
Width	102 in. over body	102 in. over body
Height – Roof	111 in. with rear-mount A/C	111 in. with rear-mount A/C
Floor Height – Front Door	14.58 in. w/275 tires, 16.08 in. w/305 tires 11.5 in. kneeled	14.58 in. w/275 tires, 16.08 in. w/305 tires 11.5 in. kneeled
Interior Height – Floor to Ceiling	94 in. above front axle 77 in. above rear axle	94 in. above front axle 77 in. above rear axle
Tire Size	275/70R22.5 or 305/70R22.5 305 tires only for Canada	275/70R22.5 or 305/70R22.5 305 tires only for Canada
Aisle Width	24 in. minimum	24 in. minimum
Weight	CW: 26,200 to 26,700 lb. estimated depending on options GVWR: 37,920 lb. to 40,600 lb. depending on tire and axle options	CW: 27,200 to 27,700 lb. estimated depending on options GVWR: 37,920 lb. to 40,600 lb. depending on tire and axle options
Approach Angle	8.24° w/275 tires	8.24° w/275 tires
Departure Angle	8.14° w/275 tires	8.14° w/275 tires
Breakover Angle	11.65° w/275 tires	8.64° w/275 tires
Turning Radius	36.1 ft.	44.1 ft.
Wheelbase	228.25 in.	293 in.
Number of Doors	2	2
Wheelchair Accessibility	600 lb. capacity (30.5 in. W x 44 in. L) flip-out ramp at front door	600 lb. capacity (30.5 in. W x 44 in. L) flip-out ramp at front door
Wheelchair Locations	2 – front section	2 – front section
Seats	Up to 30	Up to 39
Fuel Tank	107 useable US gallons, single tank	107 useable US gallons, single tank
Electrical System	VCOM™ using DeviceNet open standard	VCOM™ using DeviceNet open standard
Cooling System	Montreal Radiator: tested and certified to meet engine manufacturer's requirements	Montreal Radiator: tested and certified to meet engine manufacturer's requirements
Engine Options with Electronic Control (upon emission availability)	Detroit Diesel S40 – 275 hp. Detroit Diesel S50 EGR – 275 hp. Cummins ISL – 280 hp.	Detroit Diesel S40 – 275 hp. Detroit Diesel S50 EGR – 275 hp. Cummins ISL – 280 hp.
HVAC	Thermo King T11 rear mounted	Thermo King T11 rear mounted
Axles	Meritor or MAN	Meritor or MAN
Transmission	Allison B400 R	Allison B400R

Information subject to change without notice.

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Manufacturing**711 Kernaghan Avenue
Winnipeg, Manitoba
Canada R2C 3T4
tel 204 224.1251
fax 204 224.4214
www.newflyer.com**New Flyer
Customer Services
Parts – Publications
Service – Training**25 DeBaets Street
Winnipeg, Manitoba
Canada R2J 4G5
tel 204 982.8400**Manufacturing
Facilities**214 – 5th Avenue SW
Crookston, Minnesota
USA 56716
6200 Glenn Carlson Drive
St. Cloud, Minnesota
USA 56301**We build transit solutions.**

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