CALIFORNIA AIR RESOURCES BOARD	NEW FLYER OF AMERICA INC.	EXECUTIVE ORDER A-441-0033 New On-Road Heavy-Duty Motor Vehicles

Pursuant to the authority vested in California Air Resources Board by Health and Safety Code Divisions 25.5 and 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: The following on-road motor vehicles with a manufacturer's GVWR over 10,000 pounds are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

VEHICLE FAMILY INFORMATION:

Model Year: 2024
Vehicle Family Name: RNFA2VOCVENG
Vehicle Type: Vocational Vehicle / Other Bus
Assigned Vehicle Service Class: Heavy HDV

CO_2 FAMILY EMISSION LIMITS:

CO_2 Standard (g/ton-mile): 300
Highest Projected Family Emission Limit (g/ton-mile): 322
Lowest Projected Family Emission Limit (g/ton-mile): 264

TIRE COEFFICIENT OF ROLLING RESISTANCE:

Tire Coefficient of Rolling Resistance Standard (kg/metric ton): *
Highest Tire CRR Value (kg/metric ton): *

EMISSION CONTROL SYSTEMS:

Low rolling resistance tires all (LRRA), Weight reduction (WR)

BE IT FURTHER RESOLVED: The listed vehicle family is certified to the Optional Phase 2 Custom Chassis CO_2 Emissions Standards as specified in 17 CCR 95663(a)(1)4 and Section 1037.105(h) of the incorporated "California Greenhouse Gas Exhaust Emission Standards and Test Procedures for 2014 and Subsequent Model Heavy-Duty Vehicles" (HDV Test Procedures) adopted October 21, 2014, as last amended September 9, 2021.

BE IT FURTHER RESOLVED: The manufacturer has demonstrated certification compliance with the Greenhouse Gas Emission Standards as specified in Title 17 CCR 95663 and the incorporated "California Greenhouse Gas Exhaust Emission Standards and Test Procedures for 2014 and Subsequent Model Heavy-Duty Vehicles" (HDV Test Procedures) adopted October 21, 2014 as last amended September 9, 2021.

BE IT FURTHER RESOLVED: For the listed air conditioning platform(s) in the attachment, the manufacturer has demonstrated certification compliance with the AC Leakage Standard specified in 17 CCR 95663(a)(1)(B)7 and Section 1037.115 of the incorporated "California Greenhouse Gas Exhaust Emission Standards and Test Procedures for 2014 and Subsequent Model Heavy-Duty Vehicles" (HDV Test Procedures) adopted October 21, 2014, as last amended September 9, 2021.

BE IT FURTHER RESOLVED: For the listed vehicle models, the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1978 (complete vehicles) (vehicle refueling emissions standards), and 13 CCR 2035 et seq. (emission control warranty).

BE IT FURTHER RESOLVED: The engine families that are approved for installation within the vehicle family are listed in the attachment.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

Executed on this 16th day of October 2023.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Attachment 1 of 1:

Vehicle Family: RNFA2VOCVENG Date: **11/30/2023** EO: A-441-0033

Vehicle Make and Models:

Vehicle Make	Models
New Flyer	XD35, XD40, XD60, XDE35, XDE40, XDE60, XN35, XN40, XN60

Engine Families in Vehicle Family:

RCEXH0540LDB

A/C Platform Summary: A/C Platform ID	Refrigerant Type	Refrigerant Capacity (g)	STD (HFC (g/year))	Leakage Rate (HFC (g/year))
1a	R134a or R407C	17236	258.5	203.4
1b	R134a or R407C	17236	258.5	171.7
2	R407C	21772	326.6	168.5
3	R407C	10546	158.2	3.5
4a	R134a or R407C	17236	258.5	206.8
4b	R407C	17236	258.5	174.7
5	R407C	16103	241.5	63.0
8a	R134a or R407C	17236	258.5	204.6
8b	R134a or R407C	17236	258.5	162.7
9a	R407C	25855	387.8	205.0
9b	R407C	25855	387.8	167.3
11a	R134a or R407C	5443	81.6	79.9
11b	R134a or R407C	5443	81.6	59.2
12	R407C	5216	78.2	2.3
13a	R407C	5443	81.6	5.1
13b	R407C	5216	78.2	2.0
15a	R407C	7938	119.1	79.3
15b	R407C	7938	119.1	62.2
16a	R134a or R407C	7711	115.7	76.9
16b	R134a or R407C	7711	115.7	56.2
17	R407C	5443	81.6	3.5
24a	R407C	5670	85.1	5.1
24b	R407C	5443	81.6	2.2