



NEW FLYER

16 March 2007

George Person
Chief, Recall Management Division
National Highway Traffic Safety Administration
400 - 7th St. S.W.
Washington, DC 20590

Subject: 07E-013 – Graham White Air Dryers

Dear Mr. Person:

The attached is a revision to New Flyer's original submission dated March 6th 2007 for recall status with regards to the subject equipment recall.

The original submission indicated that the air dryers with defective timer modules would be replaced. It should have read that an improved timer module will be installed on the effected air dryers.

Sincerely,

Kerry Legg
Safety & Compliance Manager
Customer Services Head Office
(204) 934-4876

Enclosure: 573 Defect Report
Sample Customer Letter

cc: Hans Peper, Cliff Murray, Don Bean, Scott Halbesma, Tony Sutton, Dan Morris, Todd Guy.

**Headquarters/
Winnipeg Facility**
711 Kernaghan Ave
Winnipeg, Manitoba
R2C 3T4 Canada
Ph: (204) 224-1251

**Customer
Services**
25 DeBaets St
Winnipeg, Manitoba
R2J 4G5 Canada
Ph: (204) 982-8400

**New Product
Development**
Unit 7, 45 Beghin Ave.
Winnipeg, Manitoba
R2J 4B9 Canada
Ph: (204) 982-8413

**Crookston
Facility**
214 5th Ave. SW
Crookston, Minnesota
56716 USA
Ph: (218) 281-5752

**St. Cloud
Facility**
6200 Glenn Carlson Dr
St. Cloud, Minnesota
56301 USA
Ph: (320) 203-0576

www.newflyer.com

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Report¹
Revision

On February 28, 2007, New Flyer Industries Canada ULC decided that a defect which relates to motor vehicle **safety** exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and **Noncompliance** Reports.

Date this report was prepared: 16 March 2007

Furnish the manufacturer's identification code for this recall (if applicable): R07-004

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled **vehicle is** imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

New Flyer Industries Canada ULC
25 DeBates St.,
Winnipeg, MB Canada
R2J 4G5

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

Mr. Kerry Legg
Safety & Compliance Manager
Telephone Number: (204) 934-4876
Fax No.: (204) 224-0248

Name and Title of Person who prepared this report.

Same as above



Signed:

¹Each manufacturer must furnish a report, to the Associate Administrator for Safety Assurance, for each defect or noncompliance condition which relates to motor vehicle safety.

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Mr. Jon White at (202) 366-5227 or by FAX at (202) 366-7882.

I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (*provide* illustrations or photographs as necessary to describe the vehicle), provide:

Make: New Flyer Model Years Involved: 2006 – 2007 Model: C40LFR

Production Dates: Beginning: November 2006 Ending: February 2007

VIN Range: Beginning: **030760** Ending: **030762**

VIN Range: Beginning: **031043** Ending: **031067**

Vehicle Type: Heavy Duty Transit Bus Body Style: Compressed Natural Gas 40 Foot Low Floor Restyled

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles **not** included in the recall:

Recalled vehicle has a Graham White air dryer model QBA15 manufactured between July and December of 2006. List of Serial Numbers for defective units is available. New replacement units have "G" and "C" stamped on air dryer timer manifold.

Make: New Flyer Model Years Involved: 2006 – 2007 Model: D40LF

Production Dates: Beginning: July 2006 Ending: February 2007

VIN Range: Beginning: **029812** Ending: **029946**

VIN Range: Beginning: **030330**

VIN Range: Beginning: **030749** Ending: **030757**

VIN Range: Beginning: **030789** Ending: **030933**

Vehicle Type: Heavy Duty Transit Bus Body Style: Diesel 40 Foot Low Floor

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles **not** included in the recall:

Recalled vehicle has a Graham White air dryer model QBA15 manufactured between July and December of 2006. List of Serial Numbers for defective units is available. New replacement units have "G" and "C" stamped on air dryer timer manifold.

Make: New Flyer Model Years Involved: 2006 Model: D40LFR

Production Dates: Beginning: July 2006 Ending: October 2006

VIN Range: Beginning: **029415** Ending: **029519**

VIN Range: Beginning: **030157** Ending: **030168**

Vehicle Type: Heavy Duty Transit Bus Body Style: Diesel 40 Foot Low Floor Restyled

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles **not** included in the recall:

Recalled vehicle has a Graham White air dryer model QBA15 manufactured between July and December of 2006. List of Serial Numbers for defective units is available. New replacement units have "G" and "C" stamped on air dryer timer manifold.

Make: New Flyer Model Years Involved: 2006 – 2007 Model: DE41LF

Production Dates: Beginning: December 2006 Ending: January 2007

VIN Range: Beginning: **030934** Ending: **030943**

Vehicle Type: Heavy Duty Transit Bus Body Style: Diesel-Electric 41 Foot Low Floor

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles **not** included in the recall:

Recalled vehicle has a Graham White air dryer model QBA15 manufactured between July and December of 2006. List of Serial Numbers for defective units is available. New replacement units have "G" and "C" stamped on air dryer timer manifold.

Make: New Flyer Model Years Involved: 2006 – 2007 Model: D41LF

Production Dates: Beginning: July 2006 Ending: February 2007

VIN Range: Beginning: **029657** Ending: **029706**

VIN Range: Beginning: **029773** Ending: **029811**

VIN Range: Beginning: **030547** Ending: **030731**

Vehicle Type: Heavy Duty Transit Bus Body Style: Diesel 41 Foot Low Floor

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles **not** included in the recall:

Recalled vehicle has a Graham White air dryer model QBA15 manufactured between July and December of 2006. List of Serial Numbers for defective units is available. New replacement units have "G" and "C" stamped on air dryer timer manifold.

Identify the approximate percentage of the production of all the recalled models manufactured by your **company** between the inclusive dates of manufacture provided above, that the recalled model population represents. **For** example, if the recall involved Widgets equipped with certain items of equipment from January 1, **1996** through April 1, **1997**, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

II. Identifv the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

<u>Model</u>	<u>Year</u>	<u>Number of Vehicles Potentially Involved</u>
C40LFR	2006 – 2007	28
D40LF	2006 – 2007	290
D40LFR	2006	117
DE41LF	2006 – 2007	10
D41LF	2006 – 2007	274

Total Number Potentially Affected by the Recall: 719

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: $(100/719 \text{ Vehicles}) \times 353 \text{ air dryers} = 49\%$

Identify and describe how the recall population was determined--in particular how the recalled models **were** selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

New Flyer has been supplied with a listing of serial numbers for 353 defective air dryers supplied to New Flyer during the time period from July to December of 2006.

Recalled Models include all buses from production orders which included the Graham-White air dryer, and which were in the process of being built before, during and after the time period during which the defective dryers were delivered to New Flyer production facilities.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of **the** defect or noncompliance. Illustrations should be provided as appropriate.

Refer to 07E-013

Describe the **cause(s)** of the defect or noncompliance condition.

Refer to 07E-013

Describe the **consequence(s)** of the defect or noncompliance condition.

Refer to 07E-013

Identify any warning which can (a) precede or (b) occur.

Refer to 07E-013

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

Graham White Manufacturing Company
1209 Colorado Street
PO Box 1099
Salem, VA 24153

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

Leonard Wedge
Manager of Engineering

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that **were the** basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

Refer to 07E-013

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order **and** including dates) on which the noncompliance was determined.

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V. Identify the Remedy

8. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

A list of serial numbers for defective air dryers sold to New Flyer has been furnished by the manufacture. Buses built during the specified time period for receipt of defective air dryers will be inspected and serial numbers compared to listing. Air dryers with serial numbers matching the list will have a new timer module installed. Improved timer modules are identified by the letters "G" and "C" stamped on the timer manifold.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled **component/assembly**.

Refer to 07E-013

Identify and describe how and when the recall condition was corrected **in** production. If the production remedy **was** identical to the recall remedy in the field, so state. If the product was discontinued, so state.

Defect was limited to a specific time period, all buses manufactured prior to, during and after the specified period are to be inspected.

VI. Identify the Recall Schedule

Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, **dealers/retailers, and** purchasers. Please, identify any foreseeable problems with implementing the recall.

Recall will commence once sufficient quantities of known good replacement components is available.

VII. Furnish Recall Communications

9. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. A **DRAFT copy** of the notification documents should be submitted to this office **by Fax (202-366-7882)** for review prior to mailing.

Note that these documents are to be submitted separately from those provided in accordance with Part 573.8 requirements.