

Equipment Safety Recall Quarterly Report Information

Report Date: 7/29/2016

Calendar Quarter: January 1 – March 31
April 1 – June 30
 July 1 – September 30
 October 1 – December 31

Manufacturer (name, address, phone): Idle Free System, Inc., 1101 Industrial Drive, Watertown, Wisconsin, 53094. Telephone: 920-206-6900.

Name, address, email, phone and fax numbers for the person(s) to whom inquiries about this report should be directed: Mark Hoglund, M.Sc., Senior Reliability Engineer, Phillips & Temro Industries, Inc., 9700 West 74 Street, Eden Prairie, Minnesota, 55344, Main Office Telephone: 952-941-9700, Personal Office Direct: 952-918-8654, Fax: 952-941-2285.

Subject equipment (type of equipment, part/model number, any other information necessary for identifying the equipment): Idle Free Systems (IFS), Electric Auxiliary Power Unit (APU), Model BA600. Defects A & B, APU Serial Number Ranges: 35Z12011401 to 35Z12090504, and 36Z12090701 to 36Z14050113, and those individually listed in the following table:

35X11080203	35X11093001	35X11093002	35X11093003	35X11093004
35X11100401	35X11100402	35X11100501	35Z11071101	35Z11071102
35Z11071201	35Z11071202	35Z11071301	35Z11071302	35Z11071401
35Z11071402	35Z11071403	35Z11071404	35Z11072001	35Z11072002
35Z11072101	35Z11072102	35Z11072103	35Z11072104	35Z11072201
35Z11072202	35Z11072203	35Z11072204	35Z11072501	35Z11072502
35Z11072601	35Z11072602	35Z11072603	35Z11072604	35Z11072701
35Z11072702	35Z11072703	35Z11072704	35Z11080403	35Z11080404
35Z11080501	35Z11080502	35Z11080801	35Z11080802	35Z11080901
35Z11080902	35Z11080903	35Z11080904	35Z11081001	35Z11081002
35Z11081101	35Z11081102	35Z11081103	35Z11081104	35Z11081201
35Z11081202	35Z11081501	35Z11081502	35Z11081601	35Z11081602
35Z11081701	35Z11081702	35Z11081801	35Z11081803	35Z11081804
35Z11081805	35Z11081806	35Z11081807	35Z11081808	35Z11081901
35Z11081902	35Z11081903	35Z11081904	35Z11081905	35Z11081906
35Z11082201	35Z11082202	35Z11082401	35Z11082402	35Z11082403
35Z11082404	35Z11082503	35Z11082504	35Z11082505	35Z11082506
35Z11082901	35Z11082902	35Z11082903	35Z11082904	35Z11083001
35Z11083002	35Z11090201	35Z11090202	35Z11090203	35Z11090204
35Z11090701	35Z11090702	35Z11090703	35Z11091201	35Z11091401
35Z11091402	35Z11091403	35Z11091404	35Z11091501	35Z11091502
35Z11091601	35Z11091602	35Z11091901	35Z11091902	35Z11092001

35Z11092102	35Z11092103	35Z11092104	35Z11092201	35Z11092202
35Z11092301	35Z11092302	35Z11092601	35Z11092602	35Z11092603
35Z11092701	35Z11092702	35Z11100301	35Z11100302	35Z11100503
35Z11101101	35Z11101102	35Z11101201	35Z11101202	35Z11101301
35Z11101302	35Z11101801	35Z11101802	35Z11101803	35Z11101804
35Z11102501	35Z11102502	35Z11103101	35Z11103102	35Z11111101
35Z11112103	35Z11112104	35Z11112105	35Z11112106	35Z11112107
35Z11112108	35Z11112201	35Z11112202	35Z11112203	35Z11112204
35Z11112301	35Z11112302	35Z1111701	35Z11120301	35Z11121502
35Z11121602	35Z11121603	35Z11121604	35Z11121605	35Z11121606
35Z11121702	35Z11121901	35Z11121902	35Z11121903	35Z11121904
35Z11121906	35Z11122001	35Z11122002	35Z11122003	35Z11122004
35Z11122005	35Z11122006	35Z1112901	35Z1112902	35Z1120302
35Z1120304	35Z12010701	35Z12010901	35Z12010902	35Z12010903
35Z12010905	35Z12010906	35Z12011101	35Z12011102	35Z12011103
35Z12011104	35Z12011105	35Z12011106	35Z12011802	35Z12012002
35Z12012303	35Z12012304	35Z1202150	35Z12022001	35Z12030704
35Z12030705	35Z12030706	35Z12030803	35Z12030804	35Z12030901
35Z12030902	35Z12031203	35Z12031204	35Z12031301	35Z12031302
35Z12031303	35Z12031304	35Z12031305	35Z12031401	35Z12031402
35Z12031501	35Z12031502	35Z12031503	35Z12031504	35Z12031505
35Z12031506	35Z12031601	35Z12031602	35Z12031603	35Z12031604
35Z12032203	35Z12032205	35Z12032601	35Z12032602	35Z12041104
35Z12042403	35Z12051501	35Z12051502	35Z12051503	35Z12051504
35Z12061310	36X14080112	36X14100711	36X14102401	36X15041304
36X15041305	36X15041306	36X15041307	36X15041607	36X15041608
36X15041609	36X15041610	36X15041702	36X15041703	36X15041705
36X15060104	36Z12092809	36Z13041101		

Subject equipment continued: **Defect B Only**, APU Serial Number Ranges: 35Z12011401 to 35Z12090504, 36Z12090701 to 36Z14050113, 36X13111101 to 36X14050201, and 36X14050201 to 36X15042801. As of 31MAR16, there have been no additional serial numbers added to this list.

1. NHTSA Safety Recall Campaign Number: 15E034
Manufacturer's assigned campaign number (where applicable): BA600

2. (a) The date notification to purchasers began: IFS began notification of product purchasers on 10JUN15. As of 31MAR16, 314 identified purchasers have been notified by USPS first class mail. Many of these purchasers are vehicle fleets having several business locations and own multiple APUs. All fleets have been directly called and spoken with regarding the need for APU remediation. Follow-up emails by IFS have been sent to confirm receipt of the letter notifications and to document the discussion details. In addition, IFS continues to seek further identifications of individual owner/operators and potential transfers of equipment to third parties.

(b) The date notification of purchasers was completed: As of 31MAR16, 92% or greater of our fleet purchasers have been successfully notified of the recall by USPS First Class Mail. These purchasers own 91% of the recalled population.

(c) The date notification to dealers and distributors began: 28MAY15

(d) The date notification of dealers and distributors was completed: As of 31DEC15, all active (still in business) IFS dealers have been successfully notified of the recall by USPS Certified Mail.

3. The total number of items of equipment involved: 5,069 Model BA600 APU only. This quantity remains unchanged since the last reporting period.

Note: The number figures given in responses to numbers 4 and 5 below are to be stated in the cumulative (e.g., in consideration of any previous quarter's information).

4. (a) Total number inspected and remedied: As of 30JUN16, 1,720 APUs were inspected and remediated as required. The remediation rate calculates to 34%. Phone call follow-ups, emails and direct visits continue to support the remediation efforts.

(b) Total number inspected, determined NOT to require the remedy: As reported for Q2, 346 APUs were inspected and determined that remediation was not necessary. These 346 APUs had been installed by nine fleets using an alternate mounting method; direct bolting of the APU to the truck frame rail using four holes drilled through the rail. The fleets have reported zero field events of either defects A or B with respect to these APUs.

5. Numbers of items of equipment determined to be unreachable for inspection due to:

Export: 0

Theft: 0

Scrapping: 0

Failure to receive a notification of the recall: 0

Other reasons (specify below):

None to report at this time.

Total number of items of equipment unreachable for inspection:

None known at this time of reporting.

6. The number of items of equipment repaired and/or returned by dealers, distributors, and other retailers prior to sale: As reported in Q1, 259 APUs were identified in dealer inventories and have been fully remediated prior to vehicle installation.

This report may be e-mailed to RMD.ODI@dot.gov or facsimiled to (202) 366-7882.