Form 5500-SF

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.**

OMB Nos. 1210-0110
1210-0089

2019

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A This return/report is for:
- [X] a single-employer plan
- [ ] a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [ ] a one-participant plan
- [ ] a foreign plan

B This return/report is
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C Check box if filing under:
- [ ] Form 5558
- [ ] automatic extension
- [ ] DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN

1b Three-digit plan number (PN) ▶ 006

1c Effective date of plan 01/01/1969

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
AMERICRAFT CARTON, INC.

164 MEADOWCROFT ST
LOWELL, MA 01852-5326

2b Employer Identification Number (EIN) 43-1290817

2c Sponsor's telephone number 978-459-9328

2d Business code (see instructions) 323100

3a Plan administrator's name and address [X] Same as Plan Sponsor.

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.
a Sponsor's name
c Plan Name

4b EIN

4d PN

5a Total number of participants at the beginning of the plan year	**5a**	51
b Total number of participants at the end of the plan year	**5b**	49
c Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**5c**	
d(1) Total number of active participants at the beginning of the plan year	**5d(1)**	18
d(2) Total number of active participants at the end of the plan year	**5d(2)**	18
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**5e**	0

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	07/21/2020	ELAINE NIELD
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	07/28/2020	C.ALLEN BOOE
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

6a Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) [X] Yes [ ] No

b Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) [X] Yes [ ] No

If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.

c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? [X] Yes [ ] No [ ] Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4255932. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	674748	846275
b Total plan liabilities	7b	0	0
c Net plan assets (subtract line 7b from line 7a)	7c	674748	846275
8 Income, Expenses, and Transfers for this Plan Year		**(a) Amount**	**(b) Total**
a Contributions received or receivable from: (1) Employers	8a(1)	46612	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)	0	
b Other income (loss)	8b	244460	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		291072
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	91242	
e Certain deemed and/or corrective distributions (see instructions)	8e	0	
f Administrative service providers (salaries, fees, commissions)	8f	28303	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		119545
i Net income (loss) (subtract line 8h from line 8c)	8i		171527
j Transfers to (from) the plan (see instructions)	8j	0	

Part IV Plan Characteristics

9a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1B 1I 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X	0
c Was the plan covered by a fidelity bond?	10c	X		500000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e	X		1433
f Has the plan failed to provide any benefit when due under the plan?	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. [X] Yes [ ] No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 | **11a** | 0

b **PBGC missed contribution reporting requirements.** If the plan is covered by PBGC and the amount reported on line 11a is greater than $0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

[ ] Yes.

[ ] No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

[ ] No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

[ ] No. Other. Provide explanation _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? [ ] Yes [ ] No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

a If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month _____ Day _____ Year _____

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year	**12b**	
c Enter the amount contributed by the employer to the plan for this plan year	**12c**	
d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount)	**12d**	
e Will the minimum funding amount reported on line 12d be met by the funding deadline?		[ ] Yes [ ] No [ ] N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year?		[ ] Yes [X] No
If "Yes," enter the amount of any plan assets that reverted to the employer this year	**13a**	
b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		[ ] Yes [X] No

c If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	**13c(2)** EIN(s)	**13c(3)** PN(s)

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2019

This Form is Open to Public Inspection

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 006

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
AMERICRAFT CARTON, INC.

D Employer Identification Number (EIN)
43-1290817

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2019

2 Assets:

a Market value	**2a**	853879
b Actuarial value	**2b**	938790

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	15	249511	249511
b For terminated vested participants	31	547857	547857
c For active participants	19	328688	337386
d Total	65	1126056	1134754

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	5.50 %
6 Target normal cost	**6**	23200

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

	05/22/2020
Signature of actuary	Date
ESTHER KWAK	20-05343
Type or print name of actuary	Most recent enrollment number
PRINCIPAL FINANCIAL GROUP	770-272-9455
Firm name	Telephone number (including area code)
PO BOX 9394 DES MOINES, IA 50306-9394	
Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of -11.87 %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		2
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.68 %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		2
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	82.73 %
15	Adjusted funding target attainment percentage	15	82.73 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	84.20 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/01/2019	13461	0			
07/01/2019	13461	0			
10/29/2019	10152	0			
01/13/2020	9538	0			
			Totals ► 18(b)	46612	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a	Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b	Contributions made to avoid restrictions adjusted to valuation date	19b	0
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	45125

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [ ] Yes [X] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
3.74 %	5.35 %	6.11 %	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	65

23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment		☒ Yes ☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	23200
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	195964	21920
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	45120

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35)	**36**	45120
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	45125
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	**38a**	5
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

Schedule SB, Line 26 - Schedule of Active Participant Data
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN
EIN 43-1290817 Plan No. 006

Form 5500 - Schedule of Active Participation Data Valuation Date 01/01/2019

	YEARS OF CREDITED SERVICE									
Attained Age	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Under 25	0	0	0	0	0	0	0	0	0	0
25 to 29	0	0	0	0	0	0	0	0	0	0
30 to 34	0	0	0	0	0	0	0	0	0	0
35 to 39	0	0	0	0	0	0	0	0	0	0
40 to 44	0	0	0	0	0	0	0	0	0	0
45 to 49	0	1	1	0	0	0	0	0	0	0
50 to 54	0	0	2	1	0	0	0	0	0	0
55 to 59	0	0	2	5	0	0	0	0	0	0
60 to 64	0	0	0	2	2	2	0	0	0	0
65 to 69	0	0	0	1	0	0	0	0	0	0
70 & up	0	0	0	0	0	0	0	0	0	0

Assumptions prescribed by law

Mortality	During benefit payment period IRS Prescribed Mortality - Optional Combined Table for Small Plans, male and female. Before benefit payment period IRS Prescribed Mortality - Optional Combined Table for Small Plans, male and female.

Assumptions selected by actuary

Inflation	2.25% increase per year. See Long-Term Capital Market Assumptions link.
Asset return	7.85% for the current plan year. The asset return is developed as a weighted average rate based on the target asset allocation of the plan and the long-term capital market assumptions. The calculated return is on an arithmetic mean basis. For details, see the Long-Term Capital Market Assumptions link.
Expected expense	The expected expense included in target normal cost is an estimate based on prior year expenses paid from plan assets. This is the best estimate available of upcoming year's expenses.
Retirement	Active and inactive participants are assumed to retire at normal retirement age as defined in Plan provisions. This assumption is based on the results of recent experience analysis and anticipated future experience.
Disability	1987 Commissioner's Group Disability Table, six month elimination period, male and female. We rely on a publicly published table due to the limited size of the plan. The 1987 CGDT was recommended by the Society of Actuaries for pension valuation purposes.
Marriage	75% married; husbands are 3 years older than wives. This assumption does not have material impact on the results of this report and has been selected based on our best estimate of active workforce.
Withdrawal	2003 Society of Actuaries Small Plan Age Table, multiplied by 1.10. We rely on a publicly published table due to the limited size of the plan. The SOA Small Plan Age Table is the most recent withdrawal experience table published by the Society of Actuaries. A multiplier of 1.10 is applied to this table to reflect the results of the most recent experience analysis and anticipated future experience.

Form of benefit and basis	80% of active participants will elect a benefit paid in a lump sum at the assumed retirement age. The remaining active participants will elect a monthly annuity on the normal form at the assumed retirement age. Participants who are already terminated on the valuation date are assumed to receive their benefit on the normal form at the assumed retirement age. This assumption is based on the results of recent experience analysis and anticipated future experience. The single sum benefit is based on the Applicable Mortality and the plan's funding target interest rates, as prescribed.

Methods prescribed by law

Liability measure	Funding target is the present value of the benefits accrued on the valuation date. Target normal cost is based on benefits expected to accrue during the current plan year and includes an estimate of plan expenses for the year.
Lump sum payments	Lump sum payments are valued using the plan's funding target interest rates as required, per IRS guidance. These rates are currently higher than the actual rates used to determine lump sum distributions. Therefore, plan liabilities do not currently recognize this additional cost and this may result in the plan not accumulating adequate assets. You may wish to consider additional contributions.
HCE benefit payment restrictions	A ratio of the plan assets and accrued liability is used to determine if restrictions apply. Assets and accrued liability are as of the valuation date and are reduced by: any retiree benefit index or floor amounts for HCEs who were previously restricted an amount for the retiring HCE The estimated HCE ratio illustrated in this report is based on the market value of plan assets (excluding late deposits) and funding target as of the valuation date. The funding target uses the non-stabilized interest rates as defined in IRC §430(h)(2)(C)(iv). Other assumptions or methods could be used.

Methods selected by plan sponsor

Asset method

The asset valuation method is prescribed by law for plans that elect to use a value other than market value.

For each of the preceding two years, an expected value of assets at the end of the year is compared to the end of year market value. The resulting gain or loss is recognized evenly over three plan years.

The expected value includes contributions, distributions, any deducted administrative expenses, and expected earnings (based on the lesser of the assumed interest rate or the maximum allowable rate). The deferred gains and losses are added to the current market value and then restricted to no more than 110% and no less than 90% of that market value.

When actual returns exceed the assumed return, the actuarial value of assets will lag below market value. The lag and the smoothing effect are limited since the value must be within 10% of market value.

Segment rates

24-month average with no weighting to prior law basis. Use rates where August is the last month included in the average.

PBGC premium basis

Your plan is a small plan as defined by PBGC. Variable rate premiums are calculated using census, market value of assets and interest rates in effect on the current valuation date. Interest rates are the 24-month average rates used for annual cost but without the interest rate corridor defined in IRC §430(h)(2)(C)(iv). You elected this Alternative interest method for the 01/01/2018 plan year and this method must be used for five years before a change can be made.

Methods elected by actuary

Retirees

Assets and liabilities for current and future retirees are included.

Vested benefits

A benefit is included in vested benefits if it meets the requirements under PBGC. The benefit is multiplied by the participant's vesting percentage applicable to each benefit on the valuation date.

The following ancillary benefits are always treated as nonvested: disability benefits payable to retirement age unless in pay status, pre-retirement death benefits in excess of the survivor annuity death benefit and post retirement death benefits for non-retired participants except as noted in the Plan provisions.

Assumptions and methods elected by actuary - plan accounting (ASC 960)
With the exceptions below, all assumptions and methods are the same as those used in determining your plan's regular funding target and target normal cost.

Mortality	Based on RP-2006 blue collar mortality table projected to future years with historical and assumed mortality improvement (MI) rates using the Principal Mortality Improvement Scale (PFG2014-10). RP-2006 is a baseline mortality rates table underlying the SOA RP-2014 experience study as of central year of the experience data for 2004-2008 years. The Principal Mortality Improvement scale is based on the SOA MI model RPEC_2014_v2018 and Principal-selected assumption set published November 2018. For detailed rationale please see full Mortality documentation.
Interest rate used to value liabilities	6.50% The interest rate used to value ASC 960 liabilities is developed as long-term expected geometric return on plan assets. Arithmetic expected return is calculated as the weighted average of broad asset classes' arithmetic returns of the plan's target asset allocation, and then converted to the geometric under lognormal distribution assumption. For details, see Long-Term Capital Market Assumptions link.
Treatment of administrative expenses	No adjustments are made for administrative expenses, either through a reduction in the discount rate or by calculating a present value of future expenses. Plan sponsors may change their administrative expense handling at any time. Our approach provides consistent handling of ASC 960 liabilities from year to year, whether expenses are paid with plan assets or directly by the employer. Note - expenses paid with plan assets are required to be included in funding normal cost. As a result, the plan is reimbursed annually through required funding. Exception – contributions are not required due to assets sufficiently in excess of liabilities to fund both expenses and normal cost. In this case, administrative expenses are taken from the excess assets.

Basis for lump sums

Interest rate

Based on the three segment yield curve: 4.05%/4.45%/5.35%.

The plan document defines the lump sum interest rate based on IRC §417(e) rates which closely tie to the high quality corporate bond yields. According to our most recent study, the long-term expected yields for short/intermediate/long corporate bonds are 4.05%/4.45%/5.35%. For details, see Corporate AA yield in Figure 4 of Long-Term Capital Market Assumptions link.

Mortality

We have selected the same mortality assumption for lump sum payments, but with a 50/50 blend of male and female total dataset base rates and mortality improvement scales. This reflects the IRS practice of defining lump sum mortality on a unisex basis.

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

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▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2019

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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 006

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
AMERICRAFT CARTON, INC.

D Employer Identification Number (EIN)
43-1290817

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2019

2 Assets:

a Market value	**2a**	853879
b Actuarial value	**2b**	938790

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
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b For terminated vested participants	31	547857	547857
c For active participants	19	328688	337386
d Total	65	1126056	1134754

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	5.50 %
6 Target normal cost	**6**	23200

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

EK — Signature of actuary

05/22/2020 — Date

Esther Kwak — Type or print name of actuary

2005343 — Most recent enrollment number

Principal Financial Group — Firm name

770-272-9455 — Telephone number (including area code)

PO Box 9394 Des Moines, IA 50306-9394 — Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of -11.87 %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		2
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.68 %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		2
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	82.73 %
15	Adjusted funding target attainment percentage	15	82.73 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	84.20 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/01/2019	13461	0			
07/01/2019	13461	0			
10/29/2019	10152	0			
01/13/2020	9538	0			
			Totals ► 18(b)	46612	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a	Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b	Contributions made to avoid restrictions adjusted to valuation date	19b	0
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	45125

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [ ] Yes [X] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
3.74 %	5.35 %	6.11 %	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	65

23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☒ Yes	☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes	☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment	☒ Yes	☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	23200
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	195964	21920
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	45120

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35)	**36**	45120
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	45125

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	**38a**	5
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

Schedule SB, Line 2a - Explanation of Assets
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN
EIN 43-1290817 Plan No. 006

The market value of assets on line 2a does not equal assets shown on Schedule H, Schedule I or Form 5500-SF. Schedule H, Schedule I and Form 5500-SF use the full value of contributions received after plan year end. Line 2a includes the value of $13,380 contributions received after the plan year end with a discounted value of $13,316.

In addition, line 2a includes assets allocated for retirees' guaranteed benefits of $179,195.

Schedule SB, Line 19 - Discounted Employer Contributions
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN
EIN 43-1290817 Plan No. 006

The attached schedule shows the date and amount of individual employer contributions, interest adjusted contribution, year to which the contributions are applied, applicable effective interest rate and amount applied to each quarterly contribution.

Contributions allocated toward minimum required contributions (Line 19c)
Contributions not applied to quarterly contributions are applied to Annual Cost.

Date	Full Amount of Contribution by Employer	Interest Adjusted Amount of Contribution	Plan Year Applied	Effective Interest Rate	1Q Full Amount	1Q Interest Adjusted[1]	1Q Days Late	2Q Full Amount	2Q Interest Adjusted[1]	2Q Days Late	3Q Full Amount	3Q Interest Adjusted[1]	3Q Days Late	4Q Full Amount	4Q Interest Adjusted[1]	4Q Days Late
4/1/2019	$13,461	$13,284	2019	5.50 %	$10,132	$9,999	0	$3,329	$3,285	0						
7/1/2019	$13,461	$13,108	2019	5.50 %				$6,759	$6,582	0	$6,702	$6,526	0			
10/29/2019	$10,152	$9,708	2019	5.50 %							$3,345	$3,195	14	$6,807	$6,513	0
1/13/2020	$9,538	$9,025	2019	5.50 %										$3,267	$3,091	0
TOTAL	$46,612	$45,125														

[1] Includes increased rate for late quarterly contribution (calculated using the Effective Interest Rate plus 5% for the number of days late).

Schedule SB, Line 22 - Description Of Weighted Average Retirement Age
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN
EIN 43-1290817 Plan No. 006

Active participants are expected to retire at the plan's assumed retirement age. The retirement rate reflects only those participants who meet retirement eligibility.

(1) Age	(2) Expected Active Headcount	(3) Retirement Rate	(4) Expected Retirements (2)*(3)	(5) Weighted Age (1)*(4)
65	14.8483	1.0000	14.8483	965.1378
Total			14.8483	965.1378
Average				65.00

This report reflects the maximum benefit limits under Internal Revenue Code (IRC) Section 415 and maximum compensation limits under IRC Section 401 in effect on the first day of each plan year.

The following is a summary of plan provisions and does not alter the intent or meanings of the provisions contained in the contract or plan document. This report reflects the provisions of the plan signed 09/19/2012, though amendments signed 08/17/2018.

Plan eligibility

Class Hourly paid employee of the packaging division.

Normal retirement benefit

Age Attained age 65.

Form Monthly annuity payable for life (optional forms may be elected in advance of retirement).

Amount (accrued benefit)

Number of years of accrual service determined as of the date the contribution is made	Monthly Benefit
Less than 1	$ 0
1 or more but less than 2	18.50
2 or more but less than 3	37.00
3 or more but less than 4	55.50
4 or more but less than 5	74.00
5 or more but less than 6	92.50
6 or more but less than 7	111.00
7 or more but less than 8	129.50
8 or more but less than 9	148.00
9 or more but less than 10	166.50
10 or more but less than 15	185.00
15 or more but less than 20	190.00
20 or more but less than 25	195.00
25 or more but less than 30	200.00
30 or more	205.00

Benefits were frozen on December 31, 1994.

Early retirement benefit

Age	Attained age 60.
Service	Completed 15 years of vesting service.
Form	Same as normal retirement benefit.
Amount	Accrued benefit on early retirement date reduced by 6 2/3% for each year up to five that the early retirement date precedes normal retirement date.

Late retirement benefit

Age	No maximum age.
Form	Same as normal retirement benefit.
Amount	Employed Participants: Accrued benefit on late retirement date. Other Participants: The actuarial equivalent of the accrued benefit that would have been paid on normal retirement date.

Termination benefit

Vesting percentage	100% after five years of vesting service.
Form	Same as normal retirement benefit with income deferred until normal retirement date.
Amount	Accrued benefit on date of termination multiplied by the vesting percentage.

Disability benefit

Age	Attained age 60.
Service	15 years of vesting service.
Form	Monthly income payable until normal retirement, death, or recovery and a deferred annuity payable at the normal retirement date.
Amount	Accrued benefit on date of disability actuarially reduced for the number of years prior to normal retirement date..

Survivor annuity death benefit (a vested benefit)

Eligibility Qualified married participant fully or partially vested in an accrued benefit.

Form Monthly annuity payable to spouse, deferred to participant's earliest retirement date if later than the date of death.

Amount If death occurs, the amount paid to the surviving spouse is equal to the amount that would have been paid had the participant terminated employment on the date of death and survived to his/her earliest retirement age, retired with a qualified joint and 50% survivor annuity in effect, then died the next day.

Definitions

Optional forms of benefit payments The optional forms of benefit payments are:

- Monthly annuity payable for life, or 5, 10, 15, or 20 years certain and life.
- Monthly annuity payable as a survivorship life annuity with survivorship percentages of 50, 66 2/3, 75, or 100.
- Single sum payment equal to the present value of the retirement benefit..

The optional form conversion basis for non-decreasing annual benefits uses the interest and mortality (weighted .65 male and .35 female) used (as of the annuity start date) by the PBGC for a trusteed single employer plan to value a lump sum upon termination of an insufficient trusteed single employer plan. The optional form conversion basis uses the applicable interest rate and applicable mortality table as set forth in Code Section 417 for lump sum payments. The applicable interest rate uses the first calendar month preceding the first day of the stability period which is the calendar month that contains the annuity start date.

Changes in Principal Eligibility or Benefit Provisions

There have been no changes in principal eligibility or benefit provisions since the last valuation.

Significant Event

The enrolled actuary has not been made aware that any significant events have occurred during the year.

Shortfall

Date created	Present value	Remaining years	Annual charge
01/01/2019	$51,670	7	$8,396
01/01/2018	8,004	6	1,476
01/01/2017	89,346	5	19,205
01/01/2016	64,194	4	16,943
01/01/2015	15,620	3	5,399
01/01/2014	(6,868)	2	(3,497)
01/01/2013	(26,002)	1	(26,002)
Total	**$195,964**		**$21,920**

Last year's total shortfall annual charge was $30,244.

The total annual charge used in calculating your annual cost can't be less than zero.

Waiver charges represent your repayment to the plan for an annual charge that was not funded. A waiver only exists once the Internal Revenue Service has granted approval. See Waivers in Rules and regulations.

Waiver

Date created	Present value	Remaining years	Annual charge
N/A	N/A	N/A	N/A

There are no waiver bases for the current year.

Schedule SB, Line 24 – Change in Actuarial Assumptions
AMERICRAFT CARTON, INC. HOURLY RETIREMENT PLAN
EIN 43-1290817 Plan No. 006

Certain non-prescribed assumptions have been changed since last year. These assumptions were changed to better reflect the anticipated experience of your plan. See the attachment, Part V – Statement of Actuarial Assumptions/Methods, for the rationale for each assumption.

The inflation assumption has increased from 2.00% to 2.25%.

The assumed asset return for the current year has increased from 6.50% to 7.85%. This rate is used in the calculation of the actuarial value of plan assets.