

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans 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). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
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 If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)

Part II	Basic Plan Information—enter all requested information				
1a Name of plan <u>ARROW FASTENER CO. INC., EMPLOYEES' PENSION TRUST</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>052</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>10/01/1981</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>052</u>	1c Effective date of plan <u>10/01/1981</u>	
1b Three-digit plan number (PN) ▶	<u>052</u>				
1c Effective date of plan <u>10/01/1981</u>					
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) <u>MASCO CORPORATION</u> <u>ATTN BENEFITS DEPARTMENT</u> <u>17450 COLLEGE PARKWAY</u> <u>LIVONIA, MI 48152</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>38-1794485</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>313-274-7400</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>332510</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>38-1794485</u>	2c Plan Sponsor's telephone number <u>313-274-7400</u>	2d Business code (see instructions) <u>332510</u>	
2b Employer Identification Number (EIN) <u>38-1794485</u>					
2c Plan Sponsor's telephone number <u>313-274-7400</u>					
2d Business code (see instructions) <u>332510</u>					

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 accompanying schedules, statements and attachments, 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.	10/14/2019	STEVE ARMBRUSTER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2018)
v. 171027

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
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
5 Total number of participants at the beginning of the plan year	5 150
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 0 6a(2) 0 6b 62 6c 122 6d 184 6e 17 6f 201 6g 6h
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

1A 1I 3H

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

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☒ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☐ 0 **A** (Insurance Information)
- (4)** ☐ **C** (Service Provider Information)
- (5)** ☒ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2018</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

▶ 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 ARROW FASTENER CO. INC., EMPLOYEES' PENSION TRUST	B Three-digit plan number (PN) ▶ 052
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF MASCO CORPORATION	D Employer Identification Number (EIN) 38-1794485

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500
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Part I	Basic Information
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1 Enter the valuation date: Month 01 Day 01 Year 2018			
2 Assets:			
a Market value.....	2a	8469585	
b Actuarial value	2b	8177312	
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	77	5459729	5459729
b For terminated vested participants	74	1703639	1703639
c For active participants	0	0	0
d Total	151	7163368	7163368
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	5.60 %	
6 Target normal cost	6	120000	

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			
MELODY PRANGLEY	Signature of actuary	09/26/2019	Date
WILLIS TOWERS WATSON US LLC	Type or print name of actuary	17-07387	Most recent enrollment number
26555 EVERGREEN RD SOUTHFIELD, MI 48076	Firm name	248-936-7700	Telephone number (including area code)
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 <u>14.03</u> %	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)		2186356
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 <u>5.81</u> %		127027
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		2313383
d Portion of (c) to be added to prefunding balance		2313383
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	2313383

Part III Funding Percentages

14 Funding target attainment percentage	14	81.85%
15 Adjusted funding target attainment percentage	15	114.15%
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	80.04%
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
07/01/2019	800000	0			
09/03/2019	92000	0			
Totals ▶			18(b)	892000	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	821203

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ 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
0	0	0	0

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

21 Discount rate:				
a Segment rates:	1st segment: 3.92%	2nd segment: 5.52%	3rd segment: 6.29%	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22
23 Mortality table(s) (see instructions)	Prior regulation:	☐ Prescribed - combined	☒ Prescribed - separate	☐ Substitute
	Current regulation:	☐ 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	120000	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	1299439	340899	
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	460899	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	440000	440000
36 Additional cash requirement (line 34 minus line 35)	36	20899	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	821203	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	800304	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	440000	
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 D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2018</div> This Form is Open to Public Inspection.
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018	and ending 12/31/2018
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A Name of plan ARROW FASTENER CO. INC., EMPLOYEES' PENSION TRUST	B Three-digit plan number (PN) ►	052

C Plan or DFE sponsor's name as shown on line 2a of Form 5500 MASCO CORPORATION	D Employer Identification Number (EIN) 38-1794485
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Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: MASCO CORP RETIREMENT MASTER TRUST

b Name of sponsor of entity listed in (a): MASCO CORPORATION

c EIN-PN 38-2470859-100	d Entity code M	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7382912
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a Name of MTIA, CCT, PSA, or 103-12 IE:
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b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:
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b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:
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b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:
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b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:
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b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:
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b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2018
		This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018		
A Name of plan ARROW FASTENER CO. INC., EMPLOYEES' PENSION TRUST	B Three-digit plan number (PN) ►	052
C Plan sponsor's name as shown on line 2a of Form 5500 MASCO CORPORATION	D Employer Identification Number (EIN) 38-1794485	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	2548000	892000
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	5978805	7382912
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	8526805	8274912

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	13754	9890
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	13754	9890

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	8513051	8265022
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	892000	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		892000
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		0
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-538430
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		353570

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	601599	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		601599
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		0
j Total expenses. Add all expense amounts in column (b) and enter total	2j		601599

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-248029
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)?

☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: GRANT THORNTON LLP

(2) EIN: 36-6055558

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		25000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?.....	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?.....	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No
 If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b 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.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☒ Yes ☐ No ☐ Not determined
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4151483. (See instructions.)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection.
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan <u>ARROW FASTENER CO. INC., EMPLOYEES' PENSION TRUST</u>	B Three-digit plan number (PN) ▶ <u>052</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MASCO CORPORATION</u>	D Employer Identification Number (EIN) <u>38-1794485</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>36-3046063</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>0</u>

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 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 ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box	☐ Increase	☐ Decrease	☐ Both	☒ No
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Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2018
v. 171027

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****14c**

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year

b The corresponding number for the second preceding plan year

15a**15b**

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers

16a**16b**

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

- a** Enter the percentage of plan assets held as:

Stock: _____ % Investment-Grade Debt: _____ % High-Yield Debt: _____ % Real Estate: _____ % Other: _____ %

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate line 19(b)?

☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

FINANCIAL STATEMENTS

2018 AND 2017

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

INDEX

	<u>Pages</u>
Report of Independent Certified Public Accountants	2
Financial Statements:	
Statements of Net Assets Available for Benefits at December 31, 2018 and 2017	3
Statements of Changes in Net Assets Available for Benefits for the Years Ended December 31, 2018 and 2017	4
Statement of Accumulated Plan Benefits as of December 31, 2017	5
Statement of Changes in Accumulated Plan Benefits for the Year Ended December 31, 2017	6
Notes to Financial Statements	7-15
 Note: The schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable.	

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REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

To the Trustee and Participants of
Arrow Fastener Company, Inc. Employees' Pension Trust

Report on the financial statements

We were engaged to audit the accompanying financial statements of Arrow Fastener Company, Inc. Employees' Pension Trust (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017 and the related statements of changes in net assets available for benefits for the years then ended, and the statement of accumulated plan benefits as of December 31, 2017 and the related statement of changes in accumulated plan benefits for the year then ended, and the related notes to the financial statements.

Management's responsibility for the financial statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for disclaimer of opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the certified information described in Note I, except for comparing such information with the related information included in the financial statements. We have been informed by the Plan administrator that the certifying entity meets the requirements of 29 CFR 2520.103-8. The Plan administrator obtained a certification from this entity as of December 31, 2018 and 2017, and for the years then ended, stating that the certified information provided to the Plan administrator is complete and accurate.

Disclaimer of opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Report on form and content in compliance with DOL rules and regulations

The form and content of the information included in the financial statements, other than that derived from the certified information described in Note I, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.



Chicago, Illinois
September 27, 2019

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

December 31, 2018 and 2017

	2018	2017
Assets		
Investments, at fair value:		
Plan interest in Master Trust, net (Note C)	\$ 7,382,912	\$ 5,978,805
Receivables:		
Employer contribution receivable	892,000	2,548,000
Total assets	8,274,912	8,526,805
Liabilities		
Accrued expenses	9,890	13,754
Total liabilities	9,890	13,754
Net assets available for benefits	\$ 8,265,022	\$ 8,513,051

The accompanying notes are an integral part of the financial statements.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

For the years ended December 31, 2018 and 2017

	2018	2017
Plan interest in Master Trust:		
Investment (loss) income, net (Note C)	\$ (417,668)	\$ 767,793
Employer contributions	892,000	2,968,000
Benefit payments	(601,599)	(590,985)
Administrative expenses	(120,762)	(237,866)
Net (decrease) increase	(248,029)	2,906,942
Net assets available for benefits:		
Beginning of year	8,513,051	5,606,109
End of year	<u>\$ 8,265,022</u>	<u>\$ 8,513,051</u>

The accompanying notes are an integral part of the financial statements.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

STATEMENT OF ACCUMULATED PLAN BENEFITS

December 31, 2017

Actuarial present value of accumulated plan benefits (Note G):

Vested benefits:

Participants currently receiving payments	\$ 5,017,768
Participants with deferred benefits	1,416,004
	<u>6,433,772</u>

Total actuarial present value of accumulated plan benefits	<u><u>\$ 6,433,772</u></u>
--	----------------------------

The accompanying notes are an integral part of the financial statements.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

STATEMENT OF CHANGES IN ACCUMULATED PLAN BENEFITS

For the year ended December 31, 2017

Actuarial present value of accumulated plan benefits at December 31, 2016	\$ 6,540,295
Increase (decrease) during 2017 due to (Note G):	
Increase in interest due to decrease in discount period	452,748
Change of assumptions	(43,143)
Actuarial losses	74,857
Benefits paid	(590,985)
Net decrease	(106,523)
Actuarial present value of accumulated plan benefits at December 31, 2017	\$ 6,433,772

The accompanying notes are an integral part of the financial statements.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS

A. DESCRIPTION OF PLAN

The following description of the Arrow Fastener Company, Inc. Employees' Pension Trust ("Plan") provides only general information. Effective June 30, 2017, Masco Corporation sold Arrow Fastener Company, and Masco Corporation ("Masco", "Company" or "Plan Sponsor") became the plan sponsor of the Plan. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

1. *General.* The Plan is a defined benefit pension plan covering eligible employees of Arrow Fastener Company. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

The Plan is administered by Masco Corporation's Benefits Department, which has overall responsibility for the operation and administration of the Plan. Masco's Pension Trust Investment Committee ("Committee"), which is a committee of members of management of Masco, is responsible for the management of the Masco Corporation Retirement Master Trust ("Master Trust"). The Committee sets the investment objectives, goals, and guidelines and monitors investment performance.

2. *Pension Benefits.* Effective January 1, 2010 no employee was eligible to commence participation into the Plan, the accrued benefit for each employee participating within the Plan at that time was frozen, and no credited service or compensation earned subsequent to that date was taken into account in the calculation of the accrued benefit. Generally, employees with six or more years of credited service at the time the Plan was frozen or who have attained normal retirement age (65) are fully vested in a pension benefit beginning at normal retirement age. This benefit is equal to the participant's years of credited service multiplied by the benefit level at termination. Employees may elect to receive their pension benefits in the form of a joint and survivor annuity, lifetime annuity or period certain annuity. If employees terminated before becoming fully vested (vesting begins after two years of credited service in 20% increments for every year thereon), they forfeited their right to receive their nonvested accumulated plan benefits.

3. *Death and Disability Benefits.* If a vested participant (who is married) dies before retirement, a pre-retirement survivor annuity is paid to the participant's spouse. This survivor annuity is payable on the earliest date on which the participant could have elected to receive retirement benefits if the participant had survived. Active employees who become totally and permanently disabled become fully vested for disability benefits that are equal to their normal retirement benefit accumulated as of the date they become disabled.

4. *Funding Policy.* The contributions of the Company are designed to fund an amount which falls between the minimum contribution requirements and the maximum deductible allowance, as determined annually under the provisions of the Internal Revenue Code ("IRC"). The yield on investments of the Plan serves to reduce future contributions that would otherwise be required to provide for the defined level of benefits under the Plan. The Company's contributions for 2018 and 2017 of \$892,000 and \$2,968,000, respectively, met or exceeded the minimum funding requirements of ERISA. No participant in the Plan is required to make a contribution under the Plan.

5. *Plan Termination.* The Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA.

B. ACCOUNTING POLICIES

The following is a summary of significant accounting policies (in accordance with accounting principles generally accepted in the United States of America) followed in the preparation of these financial statements.

Basis of Accounting. The accompanying financial statements are prepared on the accrual basis of accounting.

Use of Estimates. The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and changes therein; disclosure of contingent assets and liabilities; and the actuarial present value of accumulated plan benefits at the date of the financial statements, and changes therein. Actual results could differ from these estimates and assumptions.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Continued

B. ACCOUNTING POLICIES, Concluded

Risks and Uncertainties. The Plan's invested assets ultimately consist of common and preferred stocks, private equity and hedge funds, corporate debt securities, government and other debt securities, a common collective trust fund, a securities lending collateral pool and short-term and other investment securities. Investment securities are exposed to various risks, including interest rate, market and credit risks. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is reasonably possible that changes in the value of investment securities in the near term could materially affect the amounts reported in the statements of net assets available for benefits and the statements of changes in net assets available for benefits.

Plan contributions and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is reasonably possible that changes in these estimates and assumptions in the near term could be material to the financial statements.

Investment Valuation and Income Recognition. Investments represent the Plan's pro rata interest in the fair value of the net assets of the Master Trust, as determined by The Northern Trust Company ("Trustee"). The Committee determines the Plan's valuation policies utilizing information provided by its investment advisers and Trustee. See Note D for a discussion of fair value measurement.

Investment transactions are reflected on a trade-date basis. Net appreciation (depreciation) includes the Master Trust's realized gains and losses on investments that were both purchased and sold during the period as well as unrealized appreciation (depreciation) of the investments held at year-end. Interest income is recognized on the accrual basis of accounting. Dividend income is recorded on the ex-dividend date. Income from other securities is recorded as earned on an accrual basis.

The Plan presents in the statements of changes in net assets available for benefits the investment (loss) income from its interest in the Master Trust. The investment (loss) income is comprised of the net appreciation (depreciation) in the fair value of its investments which consists of the Plan's pro rata interest in the realized gains or losses and the unrealized appreciation (depreciation) of the investments of the Master Trust. Also included are the Plan's pro rata share of the interest and dividend income of the Master Trust. Such pro rata allocations are made monthly based on the Plan's weighted average interest in the fair value of the Master Trust net assets.

Payment of Benefits. Benefit payments to participants are recorded upon distribution.

Administrative Expenses. The Plan's expenses are paid either by the Plan or Masco Corporation, as provided by the Plan document. Expenses that are paid directly by Masco Corporation are excluded from these financial statements. Certain expenses incurred in connection with the general administration of the Plan that are paid by the Plan are recorded as deductions in the accompanying statements of changes in net assets available for benefits. In addition, certain investment related expenses are included in investment (loss) income, net, presented in the accompanying statements of changes in net assets available for benefits.

Recently Issued Accounting Pronouncements. In February 2017, the Financial Accounting Standards Board issued Accounting Standards Update 2017-06 ("ASU 2017-06"), "Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), and Health and Welfare Benefit Plans (Topic 965): Employee Benefit Plan Master Trust Reporting." This standard expands employee benefit plan reporting with respect to a plan's interest in a master trust. Specifically, the update requires a plan's interest in a master trust and any change in that interest to be presented as separate line items in the statement of net assets available for benefits and in the statement of changes in net assets available for benefits. Additionally, plans must disclose the dollar amount of their interests in each of their general types of investments and other asset and liability balances. The guidance is effective for the Plan for fiscal years beginning after December 15, 2018 and shall be applied retrospectively to all periods presented. The Plan's administrator is currently evaluating the impact adoption of the standard will have on the Plan's financial statements.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Continued

C. INVESTMENTS

The Plan's investments at December 31, 2018 and 2017 include its 1.3 and 1.0 percent participation in the Master Trust each year, respectively.

The following table presents the fair value of the Master Trust's net assets at December 31, 2018 and 2017.

	Master Trust	
	2018	2017
<u>Assets</u>		
Common and Preferred Stocks	\$ 198,649,509	\$ 348,866,379
Government and Other Debt Securities	158,700,066	80,610,644
Private Equity and Hedge Funds	86,329,161	96,833,465
Securities Lending Collateral Pool	19,668,020	37,446,655
Corporate Debt Securities	136,392,483	84,535,723
Common Collective Trust Fund	4,295,510	6,194,280
Short-term and Other Investments	967,317	1,908,411
Total Assets	\$ 605,002,066	\$ 656,395,557
<u>Liabilities</u>		
Securities Lending Collateral Payable	\$ (19,668,020)	\$ (37,446,655)
Total Liabilities	\$ (19,668,020)	\$ (37,446,655)
Net Assets	\$ 585,334,046	\$ 618,948,902

With respect to the Master Trust's investments in private equity funds and other debt securities, at December 31, 2018 and 2017, the Master Trust had commitments to contribute up to \$17 million and \$12 million, respectively, of additional capital to such funds and securities representing the Master Trust's aggregate capital commitment to such funds less capital contributions made to date. The Master Trust is contractually obligated to make additional capital contributions to certain of its investments upon receipt of a capital call. The Master Trust has no control over when or if the capital calls will occur. Capital calls are funded in cash and generally result in an increase in the carrying value of the Master Trust's investment when paid.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Continued

C. INVESTMENTS, Continued

Investment (loss) income represents interest and dividend income plus realized and unrealized gains and losses. Investment loss of the Master Trust for the year ended December 31, 2018 was \$34,268,476 (including administrative expenses of \$1,916,828) and investment income for the year ended December 31, 2017 was \$76,532,412 (net of administrative expenses of \$1,973,241). Investment (loss) income is summarized as follows:

	Interest	Dividends	Net (Depreciation) Appreciation	Total
<u>Year Ended December 31, 2018</u>				
Master Trust:				
Common and Preferred Stocks	\$ —	\$ 2,835,458	\$ (28,251,043)	\$ (25,415,585)
Government and Other Debt Securities	1,414,581	—	(3,404,174)	(1,989,593)
Private Equity and Hedge Funds	—	—	(4,494,077)	(4,494,077)
Securities Lending Collateral Pool	187,032	—	—	187,032
Corporate Debt Securities	1,309,121	—	(2,861,670)	(1,552,549)
Common Collective Trust Fund	151,270	—	—	151,270
Short-term and Other Investments	45,196	—	716,658	761,854
	<u>\$ 3,107,200</u>	<u>\$ 2,835,458</u>	<u>\$ (38,294,306)</u>	<u>\$ (32,351,648)</u>
<u>Year Ended December 31, 2017</u>				
Master Trust:				
Common and Preferred Stocks	\$ —	\$ 3,978,897	\$ 53,814,031	\$ 57,792,928
Government and Other Debt Securities	2,527,613	—	3,575,312	6,102,925
Private Equity and Hedge Funds	—	—	9,211,153	9,211,153
Securities Lending Collateral Pool	208,938	—	—	208,938
Corporate Debt Securities	2,652,880	—	2,297,966	4,950,846
Common Collective Trust Fund	72,474	—	—	72,474
Short-term and Other Investments	27,974	—	138,415	166,389
	<u>\$ 5,489,879</u>	<u>\$ 3,978,897</u>	<u>\$ 69,036,877</u>	<u>\$ 78,505,653</u>

Securities Lending:

Masco Corporation has an agreement with The Northern Trust Company authorizing the Trustee to lend securities held in the Master Trust to third parties. The Trustee must obtain collateral from the borrower in the form of U.S. Government securities, irrevocable bank letters of credit, or cash. The cash collateral is invested in interest bearing accounts with The Northern Trust Company. The total collateral for the securities loaned as of December 31, 2018 and 2017 was \$19,668,020 and \$37,446,655, respectively, of which \$1,912,299 and \$4,117,470 was non-cash as of December 31, 2018 and 2017, respectively. Both the collateral and the securities loaned are marked-to-market on a daily basis so that all loaned securities are, at a minimum, collateralized at 102% of the market value of the borrowed securities. The Master Trust has a corresponding liability (equal to the collateral) to repay the collateral upon return of the securities. In the event that the loaned securities are not returned by the borrower, the Trustee will purchase equivalent securities by applying the collateral to the payment of the purchase price and demand from the borrower any remaining amounts due and owing. All recoveries will be credited to the Master Trust when received.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Continued

C. INVESTMENTS, Concluded

The fair value of securities loaned by the Master Trust as of December 31, 2018 and 2017 is shown below by type of security:

	2018	2017
Common Stocks	\$ 19,211,273	\$ 29,348,962
Corporate Debt Securities	—	4,412,591
U.S. Government Debt Securities	—	2,539,272
	<u>\$ 19,211,273</u>	<u>\$ 36,300,825</u>

The Master Trust and the Trustee each receive a percentage of the net income derived from securities lending activities based on the type of securities. Income earned by the Master Trust related to securities lending activities for the years ended December 31, 2018 and 2017 was \$131,011 and \$146,368, respectively, net of bank fees of \$56,021 and \$62,569 for the years ended December 31, 2018 and 2017, respectively.

Although the securities lending activities are collateralized as described above, they involve both market and credit risk. In this context, market and credit risk refer to the possibility that a borrower of securities will be unable to fully collateralize its loan upon a sudden material change in the fair value of the loaned securities or the collateral. In 2018 and 2017, the Master Trust did not incur any liability related to the securities lending activities.

Security lending in the Master Trust is handled via an electronic platform provided by Equilend, a joint venture of various securities lending agents and security borrowers, in which The Northern Trust Company has an equity interest. Fees are not charged to the Master Trust for use of the services but are paid by the Trustee.

Since The Northern Trust Company has a financial interest in the successful operation of Equilend, Equilend has obtained a Prohibited Transaction Exemption from the U.S. Department of Labor. The exemption (a) enables The Northern Trust Company to use Equilend's platform for lending the securities of plans and (b) permits Equilend to sell or license ancillary products to The Northern Trust Company or to a plan to which Equilend is a party-in-interest.

D. FAIR VALUE MEASUREMENTS

The Plan follows fair value guidance (ASC 820) that defines fair value, establishes a framework for measuring fair value and requires certain disclosures about fair value measurements. The guidance defines fair value as "the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date." Further, it defines a fair value hierarchy, as follows: Level 1 inputs as quoted prices in active markets for identical assets or liabilities; Level 2 inputs as observable inputs other than Level 1 prices, such as quoted market prices for similar assets or liabilities or other inputs that are observable or can be corroborated by market data; and Level 3 inputs as unobservable inputs that are supported by little or no market activity and that are financial instruments whose value is determined using pricing models or instruments for which the determination of fair value requires significant management judgment or estimation.

The Master Trust has a target asset allocation of the investment portfolio that was developed with the objective of achieving an expected rate of return and reducing the volatility of asset returns. Our investments seek to minimize the volatility of the value of the Plan assets relative to pension liabilities and ensure Plan assets are sufficient to pay Plan benefits. We use a portfolio mix of equity investments and fixed-income securities to obtain these objectives. Equity securities are invested in individual securities or funds that are expected to mirror broad market returns for equity securities. Over time, these equity investments are expected to earn higher returns with more volatility than fixed-income investments. Risks in these investments are broadly diversified by geography, market capitalization, manager mandate size, investment style and process. To minimize asset volatility relative to liabilities, a portion of Plan assets are allocated to fixed-income investments that are exposed to interest rate risk. Rate increases and decreases generally will result in a corresponding decrease or increase in fixed-income assets, respectively, with an offsetting change to the present value of liabilities. The fixed-income portfolio invests in corporate bonds, bond index funds or U.S. Treasury securities.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Continued

D. FAIR VALUE MEASUREMENTS, Continued

Following is a description of the valuation methodologies used for assets and liabilities measured at fair value. There have been no changes in the methodologies used at December 31, 2018 and 2017.

Common and Preferred Stocks and Short-Term and Other Investments: Valued at the closing price reported on the active market on which the individual securities are traded, or based on the active market for similar securities. Certain investments are valued based on net asset value ("NAV"), which approximates fair value. Such basis is determined by referencing the respective fund's underlying assets. There are no unfunded commitments or other restrictions associated with these investments.

Private Equity and Hedge Funds: Valued based on an estimated fair value using either a market approach or an income approach, both of which require a significant degree of judgment. There is no active trading market for these investments and they are generally illiquid. Due to the significant unobservable inputs, the fair value measurements used to estimate fair value are a Level 3 input. Certain investments are valued based on NAV, which approximates fair value. Such basis is determined by referencing the respective fund's underlying assets. There are no unfunded commitments or other restrictions associated with the investments which are valued at NAV.

Securities Lending Collateral Pool: Primarily invested in cash equivalents which are valued using pricing models maximizing the use of observable inputs for similar securities.

Corporate, Government and Other Debt Securities: Valued based on either the closing price reported on the active market on which the individual securities are traded or using pricing models maximizing the use of observable inputs for similar securities. This includes basing value on yields currently available on comparable securities of issuers with similar credit ratings. Certain investments are valued based on NAV, which approximates fair value. Such basis is determined by referencing the respective fund's underlying assets. There are unfunded commitments of \$1 million and no other restrictions associated with these investments.

Common Collective Trust Fund: Valued based on an amortized cost basis, which approximates fair value. Such basis is determined by reference to the respective fund's underlying assets, which are primarily cash equivalents. There are no unfunded commitments or other restrictions associated with this fund.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Continued

D. FAIR VALUE MEASUREMENTS, Concluded

The following tables set forth by level, within the fair value hierarchy, the Master Trust's assets and liabilities at fair value, as well as those valued at fair value using NAV per share as a practical expedient, as of December 31, 2018 and 2017.

Net Assets at Fair Value as of December 31, 2018					
<u>Assets</u>	Level 1	Level 2	Level 3	Measured at NAV	Total
Common and Preferred Stocks	\$ 88,898,812	\$ —	\$ —	\$ 109,750,697	\$ 198,649,509
Private Equity and Hedge Funds	—	—	52,944,379	33,384,782	86,329,161
Securities Lending Collateral Pool	—	19,668,020	—	—	19,668,020
Corporate Debt Securities	34,555,960	—	—	101,836,523	136,392,483
Government and Other Debt Securities	28,631,748	—	—	130,068,318	158,700,066
Common Collective Trust Fund	—	4,295,510	—	—	4,295,510
Short-Term and Other Investments	967,317	—	—	—	967,317
Total Assets at Fair Value	\$ 153,053,837	\$ 23,963,530	\$ 52,944,379	\$ 375,040,320	\$ 605,002,066
<u>Liabilities</u>					
Securities Lending Collateral Payable	\$ —	\$ (19,668,020)	\$ —	\$ —	\$ (19,668,020)
Total Liabilities at Fair Value	\$ —	\$ (19,668,020)	\$ —	\$ —	\$ (19,668,020)
Net Assets	\$ 153,053,837	\$ 4,295,510	\$ 52,944,379	\$ 375,040,320	\$ 585,334,046
Net Assets at Fair Value as of December 31, 2017					
<u>Assets</u>	Level 1	Level 2	Level 3	Measured at NAV	Total
Common and Preferred Stocks	\$ 174,388,141	\$ 97,927	\$ —	\$ 174,380,311	\$ 348,866,379
Private Equity and Hedge Funds	—	—	61,835,286	34,998,179	96,833,465
Securities Lending Collateral Pool	—	37,446,655	—	—	37,446,655
Corporate Debt Securities	30,895,797	31,645,183	—	21,994,743	84,535,723
Government and Other Debt Securities	45,437,481	4,139,402	—	31,033,761	80,610,644
Common Collective Trust Fund	—	6,194,280	—	—	6,194,280
Short-Term and Other Investments	1,908,411	—	—	—	1,908,411
Total Assets at Fair Value	\$ 252,629,830	\$ 79,523,447	\$ 61,835,286	\$ 262,406,994	\$ 656,395,557
<u>Liabilities</u>					
Securities Lending Collateral Payable	\$ —	\$ (37,446,655)	\$ —	\$ —	\$ (37,446,655)
Total Liabilities at Fair Value	\$ —	\$ (37,446,655)	\$ —	\$ —	\$ (37,446,655)
Net Assets	\$ 252,629,830	\$ 42,076,792	\$ 61,835,286	\$ 262,406,994	\$ 618,948,902

The table below sets forth a summary of changes in the fair value of the Master Trust's level 3 assets for the years ended December 31, 2018 and 2017.

	Years Ended December 31,	
	2018	2017
Balance, beginning of year	\$ 61,835,286	\$ 61,976,744
Purchases	6,414,210	6,282,479
Sales	(5,617,975)	(6,929,682)
Unrealized (losses) gains	(9,687,142)	505,745
Balance, end of year	\$ 52,944,379	\$ 61,835,286

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Continued

E. INCOME TAX STATUS

The Internal Revenue Service ("IRS") determined and informed the Company by letter, dated June 20, 2011, that the Plan and the related trust are designed in accordance with applicable sections of the IRC. The Plan has since been amended; however, the Plan administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2018 and 2017, there are no uncertain positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax period in progress.

F. RELATED PARTIES

Certain plan investments are investments managed by The Northern Trust Company as the Plan Trustee. Therefore, the purchases and sales qualify as party-in-interest transactions. Additionally, the Master Trust participates in Securities Lending programs of the Trustee.

G. ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS

Accumulated plan benefits are those future periodic payments, including lump-sum distributions, that are attributable under the Plan's provisions to the service employees have rendered. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries and (b) beneficiaries of employees who have died. Benefits under the Plan are based on employees' credited years of service. Benefits payable under all circumstances (retirement, death, disability and termination of employment) are included to the extent they are deemed attributable to employee service rendered to the valuation date. The actuarial present value of accumulated plan benefits is determined by an actuary from Willis Towers Watson and is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, withdrawal or retirement) between the valuation date and the expected date of payment.

The significant actuarial assumptions used in the valuation as of December 31, 2017 and 2016 were (a) life expectancy of participants - the Plan used the RP-2014 annuitants and non-annuitants blended collar adjusted mortality tables with the generational MP-2017 and MP-2016 improvement scales, respectively, (b) retirement age assumption (the assumed weighted average retirement age was 62.0 and 62.3, respectively), (c) discount rate (based on the assumed rate of return of 7.25 percent) and (d) withdrawal assumptions. The change from the MP-2016 improvement scale to the MP-2017 improvement scale incorporates additional mortality data, which reduced the estimated life expectancy of the Plan's participants. The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits. The computation of the actuarial present value of accumulated plan benefits was made as of January 1, 2018. Had the valuation been performed as of December 31, 2017 there would be no material differences.

H. PLAN TERMINATION

If the Plan were to terminate at some future time, the net assets of the Plan will first be allocated to provide benefits for participants as prescribed by ERISA and its related regulations. All remaining net assets, to the extent unfunded vested benefits exist, will be paid by the Pension Benefit Guaranty Corporation or in accordance with the Plan document, up to applicable limitations. Plan termination priorities are available from the Pension Benefit Guaranty Corporation.

**ARROW FASTENER COMPANY, INC.
EMPLOYEES' PENSION TRUST**

NOTES TO FINANCIAL STATEMENTS, Concluded

I. SUMMARY OF FINANCIAL DATA PROVIDED BY THE TRUSTEE

The Plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the following information was certified as complete and accurate by The Northern Trust Company and was not subjected to any auditing procedures performed by the independent auditors.

- a. Plan interest in Master Trust, net, as shown on the accompanying statements of net assets available for benefits as of December 31, 2018 and 2017.
- b. Investment (loss) income, net, as shown in the accompanying statements of changes in net assets available for benefits for the years ended December 31, 2018 and 2017.
- c. Master Trust net assets, interest, dividends and net (depreciation) appreciation, as shown in the accompanying Note C as of and for the years ended December 31, 2018 and 2017.

J. SUBSEQUENT EVENTS

The Plan has evaluated subsequent events through September 27, 2019, the date the Arrow Fastener Company, Inc. Employees' Pension Trust financial statements were available to be issued. No events were identified that required disclosure within the financial statements.

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V - Statement of actuarial assumptions and methods

Economic Assumptions

Interest rate basis:

Applicable month	September
Interest rate basis	3-Segment Rates

Interest rates:

	Reflecting Corridors	Not Reflecting Corridors
First segment rate	3.92%	1.75%
Second segment rate	5.52%	3.76%
Third segment rate	6.29%	4.66%

Effective Interest Rates (Reflecting Corridors)

Masco Corporation Pension Plan (Pension)	5.68%
Masco Corporation Master Pension Plan (Master)	5.69%
Arrow Fastener Co., Inc. Employees' Pension Trust	5.60%
LifeStyle Retirement Plan (LFI)	5.52%

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

LifeStyle Pension Plan for Employees of Sunbury Textile Mills, Inc.	5.57%
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The Berkline Associates Pension Plan	5.40%
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Assumed Administrative Expenses for 2018 plan year

Masco Corporation Master Pension Plan	\$3,000,000
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Masco Corporation Master Pension Plan (Master)	\$1,120,000
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Arrow Fastener Co., Inc. Employees' Pension Trust	\$120,000
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LifeStyle Retirement Plan	\$1,180,000
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LifeStyle Pension Plan for Employees of Sunbury Textile Mills, Inc.	\$80,000
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The Berkline Associates Pension Plan	\$90,000
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Annual rates of increase

Compensation:	N/A
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Future Social Security wage bases	N/A
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Statutory limits on compensation	Accrued benefits projected to be paid in future years are limited to the maximum presently allowed under IRC Section 415. Plan Compensation is limited to the maximum presently allowed under IRC Section 401(a)(17).
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Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date	The valuation date coincident with or next following the date on which the employee is hired.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
Healthy	Separate rates for non-annuitants (based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2033 using Scale AA) and annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2025 using Scale AA).
Disabled	Same as healthy mortality.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Retirement

Pension and Master Pension

Participants are assumed to retire as follows.

Age	Rate (%)
55	9.00
56	9.00
57	9.00
58	9.00
59	9.00
60	9.00
61	12.00
62	15.00
63	15.00
64	15.00
65	50.00
66	40.00
67	40.00
68	40.00
69	40.00
70+	100.00

The weighted average retirement age (62.98 for Pension and 63.80 for Master Pension) is determined by weighting each potential retirement age by the number of current active employees expected to retire at such age, as determined by the above retirement rates.

Participants with deferred benefits are assumed to retire at age 62.

Plan Name: Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN: 38-1794485/052
Plan Sponsor: Masco Corporation
Valuation Date: January 1, 2018

SCHEDULE SB ATTACHMENTS

Arrow

There are no active participants.

Participants with deferred benefits are assumed to retire at age 62.

LFI Pension and Sunbury

There are no active participants.

Participants with deferred benefits are assumed to retire at age 60.

Berkline

There are no active participants.

Participants with deferred benefits are assumed to retire at age 65.

Disability rates (per 100 employees)

None.

Representative termination rates (per 100 employees) not due to disability, retirement or mortality

Pension and Master Pension

Age	Rate (%)
20 – 29	15.00
30 – 39	12.00
40 – 54	8.00
55 and over	0.00

Plan Name: Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN: 38-1794485/052
Plan Sponsor: Masco Corporation
Valuation Date: January 1, 2018

SCHEDULE SB ATTACHMENTS

LFI Pension, Sunbury, Berkline, and Arrow

There are no active participants.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Benefit commencement date:

Preretirement death benefit	The later of the death of the active participant or the date the participant would have attained age 55
Deferred vested benefit	LFI and Sunbury: The later of age 60 or termination of employment Pension, Master, and Arrow: The later of age 62 or termination of employment Berkline: The later of age 65 or termination of employment
Disability benefit	Upon disablement
Retirement benefit	Upon termination of employment

Form of payment

Participants are assumed to elect the normal form. For LFI Pension and Berkline, participants for whom it was determined by the prior actuary and the plan administrator that cash balance account was more valuable are assumed to elect the lump sum option at either the current valuation date (LFI pension) or at age 65 (Berkline).

Marriage

60% of males and 30% of females are married. The male spouse is assumed 3 years older than the female spouse.

Covered pay

Assumed plan compensation for the year beginning on the valuation date was determined as the current annual rate of pay.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

At-risk assumptions

For at-risk calculations, all participants eligible to elect benefits during the current and subsequent ten plan years are assumed to commence benefits at the earliest possible date under the plan, but not before the end of the current plan year, except in accordance with the regular valuation assumptions. In addition, all participants (not just those eligible to begin benefits within the next 11 years) are assumed to elect form of payment based on marital status. The assumed form of payment for a married participant is the 50% Qualified Joint and Survivor Annuity. Single participants in Pension, Arrow, LFI (former LFI Salaried Plan only), and Sunbury are assumed to elect the 5-year Certain and Life Annuity. Single participants in Master, LFI (excluding former LFI Salaried Plan), and Berkline are assumed to elect the Single Life Annuity.

Timing of benefit payments

Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Actuarial value of assets for determining minimum required contributions

Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings of 7.25% (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year). The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued based on discussions with Masco Corporation regarding the likelihood that these benefits will be paid. Willis Towers Watson has reviewed the plan provisions with Masco Corporation and, based on that review, is not aware of any significant benefits required to be valued that were not.

Assumptions Rationale - Significant Economic Assumptions

Discount rate

The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.

Lump sum conversion rate

N/A – No participants are assumed to take annuity benefits in the form of a lump sum.

Rates of increase in:

Increases in statutory limits (CPI)

Plan Compensation is limited to the maximum presently allowed under IRC Section 401(a)(17).

Assumptions Rationale - Significant Demographic Assumptions

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Healthy Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h). Note that the plan sponsor has decided, as allowed by regulation §1.430(h)(3)-1, to delay until the 2019 plan year updating the required mortality table to reflect the RP-2014 study and subsequent Society of Actuaries studies.

Disabled Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h). Note that the plan sponsor has decided, as allowed by regulation §1.430(h)(3)-1, to delay until the 2019 plan year updating the required mortality table to reflect the RP-2014 study and subsequent Society of Actuaries studies.

Retirement and Termination

Retirement and termination rates were based on an experience study conducted in December 2015 with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Benefit commencement date for deferred benefits:

Preretirement death benefit

Surviving spouses are assumed to begin benefits at the earliest permitted commencement date because ERISA requires benefits to start then unless the spouse elects to defer. If the spouse elects to defer, actuarial increases from the earliest commencement date must be given, so that a later commencement date is expected to be of approximately equal value, and experience indicates that most spouses do take the benefit as soon as it is available.

Deferred vested benefit

Deferred vested participants' assumed commencement age is a single age intended to capture the average age at commencement based on an experience study. Deferred vested early commencement factors are not subsidized so that the difference between this approach and using assumed commencement rates at multiple ages is not expected to be significant.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Source of Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions and Methods

Change in assumptions and methods since prior valuation

The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC 430.

The mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvement (based on RP-2000 projected with Scale AA), as required by IRC §430.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</small>	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 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

► **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 ARROW FASTENER CO. INC., EMPLOYEES' PENSION TRUST	B Three-digit plan number (PN) ►	052
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF MASCO CORPORATION	D Employer Identification Number (EIN) 38-1794485	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B		
F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500		

Part I Basic Information

1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2018</u>			
2 Assets:			
a Market value.....	2a	8,469,585	
b Actuarial value.....	2b	8,177,312	
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	77	5,459,729	5,459,729
b For terminated vested participants	74	1,703,639	1,703,639
c For active participants	0	0	0
d Total	151	7,163,368	7,163,368
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	5.60%	
6 Target normal cost	6	120,000	

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	<div style="font-size: 2em; margin-bottom: 10px;">MP</div> Signature of actuary MELODY PRANGLEY Type or print name of actuary WILLIS TOWERS WATSON US LLC Firm name 26555 EVERGREEN RD SOUTHFIELD MI 48076 Address of the firm	<div style="font-size: 1.5em; margin-bottom: 10px;">9/26/19</div> Date 1707387 Most recent enrollment number 248-936-7700 Telephone number (including area code)
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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 ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2018
v. 171027

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 <u>14.03%</u>	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).....		2,186,356
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 <u>5.81%</u>		127,027
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.....		2,313,383
d Portion of (c) to be added to prefunding balance.....		2,313,383
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	2,313,383

Part III Funding Percentages

14	Funding target attainment percentage	14	81.85%
15	Adjusted funding target attainment percentage	15	114.15%
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	80.04%
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
07/01/2019	800,000	0			
09/03/2019	92,000	0			
Totals ►			18(b)	892,000	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	821,203

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ 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
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
3.92 %2nd segment:
5.52 %3rd segment:
6.29 %☐ N/A, full yield curve used**b** Applicable month (enter code).....**21b**

4

22 Weighted average retirement age**22****23** Mortality table(s) (see instructions)

Prior regulation:

☐

Prescribed - combined

☒

Prescribed - separate

☐

Substitute

Current regulation:

☐

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**

120,000

b Excess assets, if applicable, but not greater than line 31a**31b**

0

32 Amortization installments:

Outstanding Balance

Installment

a Net shortfall amortization installment.....

1,299,439

340,899

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** 460,899

Carryover balance

Prefunding balance

Total balance

35 Balances elected for use to offset funding requirement.....

0

440,000

440,000

36 Additional cash requirement (line 34 minus line 35)..... **36** 20,899**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....**37**

821,203

38 Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36)**38a**

800,304

b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances**38b**

440,000

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 ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Masco Corporation
EIN/PN	38-1794485/052
Plan Name	Arrow Fastener Co., Inc. Employees' Pension Trust
Valuation Date	January 1, 2018
Enrolled Actuary	Melody Pranglely
Enrollment Number	17-07387

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 25 Change in Method

The decrement timing used in the valuation was changed from beginning of year to rounded middle of year. Under rounded middle of year decrement timing, all decrements are assumed to occur at the middle of the year and eligibility for benefits, commencement and cessation of benefits, and other events are assumed to occur at the middle of the year. The change in funding method meets the parameters for automatic approval of software changes under IRS Rev. Proc. 2017-56.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V - Statement of actuarial assumptions and methods

Economic Assumptions

Interest rate basis:

Applicable month	September
Interest rate basis	3-Segment Rates

Interest rates:

	Reflecting Corridors	Not Reflecting Corridors
First segment rate	3.92%	1.75%
Second segment rate	5.52%	3.76%
Third segment rate	6.29%	4.66%

Effective Interest Rates (Reflecting Corridors)

Masco Corporation Pension Plan (Pension)	5.68%
Masco Corporation Master Pension Plan (Master)	5.69%
Arrow Fastener Co., Inc. Employees' Pension Trust	5.60%
LifeStyle Retirement Plan (LFI)	5.52%

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

LifeStyle Pension Plan for Employees of Sunbury Textile Mills, Inc.	5.57%
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The Berkline Associates Pension Plan	5.40%
--------------------------------------	-------

Assumed Administrative Expenses for 2018 plan year

Masco Corporation Master Pension Plan	\$3,000,000
---------------------------------------	-------------

Masco Corporation Master Pension Plan (Master)	\$1,120,000
--	-------------

Arrow Fastener Co., Inc. Employees' Pension Trust	\$120,000
---	-----------

LifeStyle Retirement Plan	\$1,180,000
---------------------------	-------------

LifeStyle Pension Plan for Employees of Sunbury Textile Mills, Inc.	\$80,000
---	----------

The Berkline Associates Pension Plan	\$90,000
--------------------------------------	----------

Annual rates of increase

Compensation:	N/A
---------------	-----

Future Social Security wage bases	N/A
-----------------------------------	-----

Statutory limits on compensation	Accrued benefits projected to be paid in future years are limited to the maximum presently allowed under IRC Section 415. Plan Compensation is limited to the maximum presently allowed under IRC Section 401(a)(17).
----------------------------------	---

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date	The valuation date coincident with or next following the date on which the employee is hired.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
Healthy	Separate rates for non-annuitants (based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2033 using Scale AA) and annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2025 using Scale AA).
Disabled	Same as healthy mortality.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Retirement

Pension and Master Pension

Participants are assumed to retire as follows.

Age	Rate (%)
55	9.00
56	9.00
57	9.00
58	9.00
59	9.00
60	9.00
61	12.00
62	15.00
63	15.00
64	15.00
65	50.00
66	40.00
67	40.00
68	40.00
69	40.00
70+	100.00

The weighted average retirement age (62.98 for Pension and 63.80 for Master Pension) is determined by weighting each potential retirement age by the number of current active employees expected to retire at such age, as determined by the above retirement rates.

Participants with deferred benefits are assumed to retire at age 62.

Plan Name: Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN: 38-1794485/052
Plan Sponsor: Masco Corporation
Valuation Date: January 1, 2018

SCHEDULE SB ATTACHMENTS

Arrow

There are no active participants.

Participants with deferred benefits are assumed to retire at age 62.

LFI Pension and Sunbury

There are no active participants.

Participants with deferred benefits are assumed to retire at age 60.

Berkline

There are no active participants.

Participants with deferred benefits are assumed to retire at age 65.

Disability rates (per 100 employees)

None.

Representative termination rates (per 100 employees) not due to disability, retirement or mortality

Pension and Master Pension

Age	Rate (%)
20 – 29	15.00
30 – 39	12.00
40 – 54	8.00
55 and over	0.00

Plan Name: Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN: 38-1794485/052
Plan Sponsor: Masco Corporation
Valuation Date: January 1, 2018

SCHEDULE SB ATTACHMENTS

LFI Pension, Sunbury, Berkline, and Arrow

There are no active participants.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Benefit commencement date:

Preretirement death benefit	The later of the death of the active participant or the date the participant would have attained age 55
Deferred vested benefit	LFI and Sunbury: The later of age 60 or termination of employment Pension, Master, and Arrow: The later of age 62 or termination of employment Berkline: The later of age 65 or termination of employment
Disability benefit	Upon disablement
Retirement benefit	Upon termination of employment

Form of payment

Participants are assumed to elect the normal form. For LFI Pension and Berkline, participants for whom it was determined by the prior actuary and the plan administrator that cash balance account was more valuable are assumed to elect the lump sum option at either the current valuation date (LFI pension) or at age 65 (Berkline).

Marriage

60% of males and 30% of females are married. The male spouse is assumed 3 years older than the female spouse.

Covered pay

Assumed plan compensation for the year beginning on the valuation date was determined as the current annual rate of pay.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
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Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

At-risk assumptions

For at-risk calculations, all participants eligible to elect benefits during the current and subsequent ten plan years are assumed to commence benefits at the earliest possible date under the plan, but not before the end of the current plan year, except in accordance with the regular valuation assumptions. In addition, all participants (not just those eligible to begin benefits within the next 11 years) are assumed to elect form of payment based on marital status. The assumed form of payment for a married participant is the 50% Qualified Joint and Survivor Annuity. Single participants in Pension, Arrow, LFI (former LFI Salaried Plan only), and Sunbury are assumed to elect the 5-year Certain and Life Annuity. Single participants in Master, LFI (excluding former LFI Salaried Plan), and Berkline are assumed to elect the Single Life Annuity.

Timing of benefit payments

Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Actuarial value of assets for determining minimum required contributions

Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings of 7.25% (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year). The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued based on discussions with Masco Corporation regarding the likelihood that these benefits will be paid. Willis Towers Watson has reviewed the plan provisions with Masco Corporation and, based on that review, is not aware of any significant benefits required to be valued that were not.

Assumptions Rationale - Significant Economic Assumptions

Discount rate

The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.

Lump sum conversion rate

N/A – No participants are assumed to take annuity benefits in the form of a lump sum.

Rates of increase in:

Increases in statutory limits (CPI)

Plan Compensation is limited to the maximum presently allowed under IRC Section 401(a)(17).

Assumptions Rationale - Significant Demographic Assumptions

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Healthy Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h). Note that the plan sponsor has decided, as allowed by regulation §1.430(h)(3)-1, to delay until the 2019 plan year updating the required mortality table to reflect the RP-2014 study and subsequent Society of Actuaries studies.

Disabled Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h). Note that the plan sponsor has decided, as allowed by regulation §1.430(h)(3)-1, to delay until the 2019 plan year updating the required mortality table to reflect the RP-2014 study and subsequent Society of Actuaries studies.

Retirement and Termination

Retirement and termination rates were based on an experience study conducted in December 2015 with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Benefit commencement date for deferred benefits:

Preretirement death benefit

Surviving spouses are assumed to begin benefits at the earliest permitted commencement date because ERISA requires benefits to start then unless the spouse elects to defer. If the spouse elects to defer, actuarial increases from the earliest commencement date must be given, so that a later commencement date is expected to be of approximately equal value, and experience indicates that most spouses do take the benefit as soon as it is available.

Deferred vested benefit

Deferred vested participants' assumed commencement age is a single age intended to capture the average age at commencement based on an experience study. Deferred vested early commencement factors are not subsidized so that the difference between this approach and using assumed commencement rates at multiple ages is not expected to be significant.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Source of Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions and Methods

Change in assumptions and methods since prior valuation

The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC 430.

The mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvement (based on RP-2000 projected with Scale AA), as required by IRC §430.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V – Summary of plan provisions

Plan Sponsor

Masco Corporation

Plan

Arrow Fastener Co., Inc. Employees' Pension Trust

Effective Date of Most Recent Amendment

The plan was originally effective October 1, 1981. The last amendment reflected herein was effective July 14, 2017.

Plan Year

The twelve-month period ending December 31.

Coverage and Participation

Participation in the plan commences on the January 1 or July 1 on which the employee completes 1,000 Hours of Service in the one-year period starting from date of hire or any plan year after.

No participants will be able to enter the plan after January 1, 2010.

Credited Service

A participant earns one year of Credited Service for each Plan year in which at least 1,000 Hours of Service is completed. There is no credit for fractional years of service except for the short plan year (October 1, 2007 – December 31, 2007) where 0.25 years of Credited service was credited if at least 250 hours of service was completed.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Credited Service was frozen as of the date of the plan freeze at January 1, 2010. No additional Credited Service will be accrued after this date.

Vesting Service

An employee earns one year of Vesting Service for each calendar year of 1,000 or more Hours of Service. There is no credit for fractional years of service.

Vesting Service will continue to accrue after the plan freeze at January 1, 2010.

Final Average Compensation/Salary

This term refers to the Employee's total compensation for 3 consecutive calendar years during which the employee received the greatest amount of compensation divided by 3. Compensation is total pay received in a calendar year, including bonuses.

Final Average Compensation/Salary was frozen as of January 1, 2010.

Normal Retirement Benefit

Normal Retirement Date: Age 65

Benefit Formula: The monthly benefit is equal to the following, payable one-twelfth monthly:

1. Accrued benefit as of September 30, 2004

Plus

2. 1.2% of Final Average Compensation times Years of Credited Service completed after September 30, 2004.

The normal retirement benefit is equal to the greater of the benefit amount calculated above and a minimum benefit of \$20 per month.

Normal Form of Benefit: Single life annuity, if unmarried, 50% Joint & Survivor annuity, if married, actuarially equivalent to the single life amount.

Late Retirement Benefit

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Participants who remain in active service past Normal Retirement Date are entitled to benefit accrual through termination of service (or January 1, 2010, if earlier). Additionally, the benefit amount will be actuarially increased to reflect the shorter payment period.

Disability Benefit

Eligibility: A participant who becomes permanently disabled will become fully vested in their accrued benefit. The disability benefit will be paid out at normal retirement date.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Vested Benefits Upon Termination of Service

Follows the following schedule:

Years of Service	Percent Vested
0-2	0
2	20
3	40
4	60
5	80
6	100

Termination Benefit: The accrued benefit is payable at age 65. The actuarial equivalent of the accrued benefit is payable prior to age 65.

Death Benefits for Participants in Active Service

Benefit: 50% Joint & Survivor annuity payable to spouse on the earliest date participant could have elected.

Optional Forms of Retirement Income in Lieu of Normal Form

Single life annuity. Life annuity with 120 monthly payments guaranteed. 50%, 75% or 100% Joint & Survivor Benefit. Lump sum payment for values under \$5,000.

Actuarial Equivalence

Conversion of annuity forms: 5.5% interest, UP-1984 mortality.

Changes in Plan Provisions since prior valuation

Plan Name: Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN: 38-1794485/052
Plan Sponsor: Masco Corporation
Valuation Date: January 1, 2018

SCHEDULE SB ATTACHMENTS

Effective July 14, 2017 the plan sponsorship of the Arrow Fastener Co., LLC Employees' Pension Trust was transferred from Arrow Fastener Co., LLC to Masco Corporation. We believe this change will not have any impact on plan benefits.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
Schedule of Amortization Bases
as of January 1, 2018

Type of Base	Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1. Shortfall	01/01/2018	251,668	7	251,668	41,085
2. Shortfall	01/01/2017	155,637	6	138,037	25,557
3. Shortfall	01/01/2016	494,322	5	378,702	81,674
4. Shortfall	01/01/2015	387,648	4	243,641	64,467
5. Shortfall	01/01/2014	183,724	3	88,808	30,748
6. Shortfall	01/01/2013	630,240	2	206,397	105,182
7. Shortfall	01/01/2012	(46,037)	1	(7,814)	(7,814)
Total				1,299,439	340,899

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Masco Corporation
EIN/PN	38-1794485/052
Plan Name	Arrow Fastener Co., Inc. Employees' Pension Trust
Valuation Date	January 1, 2018
Enrolled Actuary	Melody Prangle
Enrollment Number	17-07387

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V – Summary of plan provisions

Plan Sponsor

Masco Corporation

Plan

Arrow Fastener Co., Inc. Employees' Pension Trust

Effective Date of Most Recent Amendment

The plan was originally effective October 1, 1981. The last amendment reflected herein was effective July 14, 2017.

Plan Year

The twelve-month period ending December 31.

Coverage and Participation

Participation in the plan commences on the January 1 or July 1 on which the employee completes 1,000 Hours of Service in the one-year period starting from date of hire or any plan year after.

No participants will be able to enter the plan after January 1, 2010.

Credited Service

A participant earns one year of Credited Service for each Plan year in which at least 1,000 Hours of Service is completed. There is no credit for fractional years of service except for the short plan year (October 1, 2007 – December 31, 2007) where 0.25 years of Credited service was credited if at least 250 hours of service was completed.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN:	38-1794485/052
Plan Sponsor:	Masco Corporation
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Credited Service was frozen as of the date of the plan freeze at January 1, 2010. No additional Credited Service will be accrued after this date.

Vesting Service

An employee earns one year of Vesting Service for each calendar year of 1,000 or more Hours of Service. There is no credit for fractional years of service.

Vesting Service will continue to accrue after the plan freeze at January 1, 2010.

Final Average Compensation/Salary

This term refers to the Employee's total compensation for 3 consecutive calendar years during which the employee received the greatest amount of compensation divided by 3. Compensation is total pay received in a calendar year, including bonuses.

Final Average Compensation/Salary was frozen as of January 1, 2010.

Normal Retirement Benefit

Normal Retirement Date: Age 65

Benefit Formula: The monthly benefit is equal to the following, payable one-twelfth monthly:

1. Accrued benefit as of September 30, 2004

Plus

2. 1.2% of Final Average Compensation times Years of Credited Service completed after September 30, 2004.

The normal retirement benefit is equal to the greater of the benefit amount calculated above and a minimum benefit of \$20 per month.

Normal Form of Benefit: Single life annuity, if unmarried, 50% Joint & Survivor annuity, if married, actuarially equivalent to the single life amount.

Late Retirement Benefit

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
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Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Participants who remain in active service past Normal Retirement Date are entitled to benefit accrual through termination of service (or January 1, 2010, if earlier). Additionally, the benefit amount will be actuarially increased to reflect the shorter payment period.

Disability Benefit

Eligibility: A participant who becomes permanently disabled will become fully vested in their accrued benefit. The disability benefit will be paid out at normal retirement date.

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SCHEDULE SB ATTACHMENTS

Vested Benefits Upon Termination of Service

Follows the following schedule:

Years of Service	Percent Vested
0-2	0
2	20
3	40
4	60
5	80
6	100

Termination Benefit: The accrued benefit is payable at age 65. The actuarial equivalent of the accrued benefit is payable prior to age 65.

Death Benefits for Participants in Active Service

Benefit: 50% Joint & Survivor annuity payable to spouse on the earliest date participant could have elected.

Optional Forms of Retirement Income in Lieu of Normal Form

Single life annuity. Life annuity with 120 monthly payments guaranteed. 50%, 75% or 100% Joint & Survivor Benefit. Lump sum payment for values under \$5,000.

Actuarial Equivalence

Conversion of annuity forms: 5.5% interest, UP-1984 mortality.

Changes in Plan Provisions since prior valuation

Plan Name: Arrow Fastener Co., Inc. Employees' Pension Trust
EIN / PN: 38-1794485/052
Plan Sponsor: Masco Corporation
Valuation Date: January 1, 2018

SCHEDULE SB ATTACHMENTS

Effective July 14, 2017 the plan sponsorship of the Arrow Fastener Co., LLC Employees' Pension Trust was transferred from Arrow Fastener Co., LLC to Masco Corporation. We believe this change will not have any impact on plan benefits.

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SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
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SCHEDULE SB ATTACHMENTS

Schedule SB, Line 25 Change in Method

The decrement timing used in the valuation was changed from beginning of year to rounded middle of year. Under rounded middle of year decrement timing, all decrements are assumed to occur at the middle of the year and eligibility for benefits, commencement and cessation of benefits, and other events are assumed to occur at the middle of the year. The change in funding method meets the parameters for automatic approval of software changes under IRS Rev. Proc. 2017-56.

Plan Name:	Arrow Fastener Co., Inc. Employees' Pension Trust
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