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).

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

OMB Nos. 1210-0110
1210-0089

2017

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

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.)
- [X] 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. . . . . ▶ [X]

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

Part II Basic Plan Information—enter all requested information

1a Name of plan
RETIREMENT PLAN FOR BARG UNIT EMPLOYEES OF ADEL FASTENERS DIVISION, TRANSDIGM INC., HUNTINGTON WEST VIRGINIA

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 01/01/1968

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)

TRANSDIGM INC.

1301 E. 9TH ST.
SUITE 3000
CLEVELAND, OH 44114-1838

2b Employer Identification Number (EIN)
34-1750032

2c Plan Sponsor's telephone number
216-289-4932

2d Business code (see instructions)
336410

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.	10/12/2018	JONATHAN CRANDALL
	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

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

3b Administrator's EIN

3c Administrator's telephone number

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

4b EIN

4d PN

5 Total number of participants at the beginning of the plan year	**5**	64
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	**6a(1)**	0
a(2) Total number of active participants at the end of the plan year	**6a(2)**	0
b Retired or separated participants receiving benefits	**6b**	33
c Other retired or separated participants entitled to future benefits	**6c**	24
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	57
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	6
f Total. Add lines **6d** and **6e**.	**6f**	63
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
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:

1B 3H 1I

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)** [X] 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)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [ ] Trust
- **(4)** [ ] General assets of the sponsor

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

b General Schedules

- **(1)** [ ] **H** (Financial Information)
- **(2)** [X] **I** (Financial Information – Small Plan)
- **(3)** [X] 1 **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 2017 Form M-1 annual report. If the plan was not required to file the 2017 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_____

SCHEDULE A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance 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.**

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2017

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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
RETIREMENT PLAN FOR BARG UNIT EMPLOYEES OF ADEL FASTENERS DIVISION, TRANSDIGM INC., HUNTINGTON WEST VIRGINIA

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
TRANSDIGM INC.

D Employer Identification Number (EIN)
34-1750032

Part I **Information Concerning Insurance Contract Coverage, Fees, and Commissions** Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
TRANSAMERICA INSURANCE COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	**(g)** To
39-0989781	86231	512412	63	01/01/2017	12/31/2017

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end	5	

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity (3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☒ immediate participation guarantee (3) ☐ guaranteed investment (4) ☐ other ▶

b	Balance at the end of the previous year			7b	1110198
c	Additions: (1) Contributions deposited during the year	7c(1)	77052		
	(2) Dividends and credits	7c(2)	18880		
	(3) Interest credited during the year	7c(3)	136143		
	(4) Transferred from separate account	7c(4)			
	(5) Other (specify below) ▶	7c(5)			
	(6) Total additions			7c(6)	232075
d	Total of balance and additions (add lines **7b** and **7c(6)**).			7d	1342273
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	99282		
	(2) Administration charge made by carrier	7e(2)	1525		
	(3) Transferred to separate account	7e(3)			
	(4) Other (specify below) ▶	7e(4)			
	(5) Total deductions			7e(5)	100807
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	1241466

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

a ☐ Health (other than dental or vision) **b** ☐ Dental **c** ☐ Vision **d** ☐ Life insurance
e ☐ Temporary disability (accident and sickness) **f** ☐ Long-term disability **g** ☐ Supplemental unemployment **h** ☐ Prescription drug
i ☐ Stop loss (large deductible) **j** ☐ HMO contract **k** ☐ PPO contract **l** ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			**10b**	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☒ Yes ☐ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

LINES 1(A) - 1(G), LINES 4-7

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

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

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

OMB No. 1210-0110

2017

This Form is Open to Public Inspection

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **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
RETIREMENT PLAN FOR BARG UNIT EMPLOYEES OF ADEL FASTENERS DIVISION, TRANSDIGM INC., HUNTINGTON WEST VIRGINIA

B Three-digit plan number (PN) ▶ 002

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

D Employer Identification Number (EIN)
34-1750032

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

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

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2017

2 Assets:

a Market value	**2a**	1132530
b Actuarial value	**2b**	1132530

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	37	856931	856931
b For terminated vested participants	27	504325	504325
c For active participants	0	0	0
d Total	64	1361256	1361256

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**	5.70 %
6 Target normal cost	**6**	6000

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

Signature of actuary

10/10/2018
Date

ABBY L. KENDIG
Type or print name of actuary

17-07706
Most recent enrollment number

MILLIMAN, INC.
Firm name

973-278-8860
Telephone number (including area code)

150 CLOVE ROAD
10TH FLOOR
LITTLE FALLS, NJ 07424
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)		
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of 5.28 %	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)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.91%		
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections		
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	83.19%
15	Adjusted funding target attainment percentage	15	83.19%
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	82.44%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls

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

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/06/2017	18145				
07/06/2017	18145				
10/05/2017	18145				
01/08/2018	16792				
09/12/2018	6420				
			Totals ► 18(b)	77647	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	74637

20 Quarterly contributions and liquidity shortfalls:

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

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] 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:	2nd segment:	3rd segment:	
4.16%	5.72%	6.48%	☐ N/A, full yield curve used

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

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

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No

26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	
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**	6000
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	228726	68633
b Waiver amortization installment		

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**	74633

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

36 Additional cash requirement (line 34 minus line 35)	**36**	74633
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	74637

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

a Total (excess, if any, of line 37 over line 36)	**38a**	4
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

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

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

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

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

42 Amount of acceleration adjustment	**42**	
43 Excess installment acceleration amount to be carried over to future plan years	**43**	

SCHEDULE I (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information—Small Plan

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

2017

This Form is Open to Public Inspection

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
RETIREMENT PLAN FOR BARG UNIT EMPLOYEES OF ADEL FASTENERS DIVISION, TRANSDIGM INC., HUNTINGTON WEST VIRGINIA

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
TRANSDIGM INC.

D Employer Identification Number (EIN)
34-1750032

Complete Schedule I if the plan covered fewer than 100 participants as of the beginning of the plan year. You may also complete Schedule I if you are filing as a small plan under the 80-120 participant rule (see instructions). Complete Schedule H if reporting as a large plan or DFE.

Part I Small Plan Financial Information

Report below the current value of assets and liabilities, income, expenses, transfers and changes in net assets during the plan year. Combine the value of plan assets held in more than one trust. Do not enter the value of the portion of an insurance contract that guarantees during this plan year to pay a specific dollar benefit at a future date. 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.**

			(a) Beginning of Year	**(b)** End of Year
1	**Plan Assets and Liabilities:**			
a	Total plan assets	**1a**	1132815	1264679
b	Total plan liabilities	**1b**		
c	Net plan assets (subtract line 1b from line 1a)	**1c**	1132815	1264679
2	**Income, Expenses, and Transfers for this Plan Year:**		**(a)** Amount	**(b)** Total
a	Contributions received or receivable:			
	(1) Employers	**2a(1)**	77647	
	(2) Participants	**2a(2)**		
	(3) Others (including rollovers)	**2a(3)**		
b	Noncash contributions	**2b**		
c	Other income	**2c**	155024	
d	Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c)	**2d**		232671
e	Benefits paid (including direct rollovers)	**2e**	99282	
f	Corrective distributions (see instructions)	**2f**		
g	Certain deemed distributions of participant loans (see instructions)	**2g**		
h	Administrative service providers (salaries, fees, and commissions)	**2h**	1525	
i	Other expenses	**2i**		
j	Total expenses (add lines 2e, 2f, 2g, 2h, and 2i)	**2j**		100807
k	Net income (loss) (subtract line 2j from line 2d)	**2k**		131864
l	Transfers to (from) the plan (see instructions)	**2l**		

3 **Specific Assets:** If the plan held assets at any time during the plan year in any of the following categories, check "Yes" and enter the current value of any assets remaining in the plan as of the end of the plan year. Allocate the value of the plan's interest in a commingled trust containing the assets of more than one plan on a line-by-line basis unless the trust meets one of the specific exceptions described in the instructions.

			Yes	No	Amount
a	Partnership/joint venture interests	**3a**		X	
b	Employer real property	**3b**		X	
c	Real estate (other than employer real property)	**3c**		X	
d	Employer securities	**3d**		X	
e	Participant loans	**3e**		X	
f	Loans (other than to participants)	**3f**		X	
g	Tangible personal property	**3g**		X	

Part II Compliance Questions

4 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of plan year or classified during the year as uncollectible? Disregard participant loans secured by the participant's account balance.	4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible?	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.)	4d		X	
e Was the plan covered by a fidelity bond?	4e	X		1000000
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 at any time hold 20% or more of its assets in any single security, debt, mortgage, parcel of real estate, or partnership/joint venture interest?	4i		X	
j Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4j		X	
k Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? If "No," attach an IQPA's report or 2520.104-50 statement. (See instructions on waiver eligibility and conditions.)	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 4070412. (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

2017

This Form is Open to Public Inspection.

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
RETIREMENT PLAN FOR BARG UNIT EMPLOYEES OF ADEL FASTENERS DIVISION, TRANSDIGM INC., HUNTINGTON WEST VIRGINIA

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
TRANSDIGM INC.

D Employer Identification Number (EIN)
34-1750032

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 | 0

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): 39-0989781

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 | 0

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

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.

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

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): _____

---

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	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**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	**15a**	
b The corresponding number for the second preceding plan year	**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	**16a**	
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	**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):

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, line 22 – Description of Weighted Average Retirement Age
EIN/PN: 34-1750032 / 002

100% retire at age 65 (Normal Retirement Age).

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.

2017 Schedule SB, line 32 – Schedule of Amortization Bases

EIN/PN: 34-1750032 / 002

The amount needed to amortize the Funding Shortfall to the Applicable Funding Target, in combination with prior Shortfall Amortizations, for the plan year beginning January 1, 2017 is determined below. The net Funding Shortfall for a plan year is amortized in seven level payments. The present value and amortization factors shown below are based on the interest rates for determining the Applicable Funding Target for the current plan year.

1. Present value of remaining prior Shortfall Amortizations

	Date Established	Amortization Amount	Years Remaining	Present Value Factor	Present Value
a.	1/1/2011	$22,660	1	1.00000	$22,660
b.	1/1/2012	(5,670)	2	1.96006	(11,114)
c.	1/1/2013	19,570	3	2.88178	56,396
d.	1/1/2014	2,360	4	3.76669	8,889
e.	1/1/2015	17,721	5	4.61625	81,805
f.	1/1/2016	4,102	6	5.37346	22,042
g.	Total	60,743			180,678

1. Shortfall Amortization for current plan year

a.	Applicable Funding Target	1,361,256
b.	Actuarial Value of Assets less Carryover and Prefunding Balances	1,132,530
c.	Funding Shortfall [(a) - (b), but not < $0]	228,726
d.	Net Funding Shortfall [If (c) > $0, (c) - (1g), otherwise n/a]	48,048
e.	Amortization factor	6.08969
f.	Shortfall Amortization for current plan year [(d) ÷ (e)]	$7,890

2. Total Shortfall Amortizations [(1g) + (2f), but not < $0] 68,633

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, Part V – Statement of Actuarial Assumptions/Methods
EIN/PN: 34-1750032 / 002

Appendix A – Summary of Actuarial Methods

Actuarial Cost Method

Actuarial Cost Method: Unit Credit.

The actuarial cost method used in the valuation is the accrued benefit (unit credit) cost method as prescribed by PPA. In this method, the regular plan cost arises from two sources: a Normal Cost and an amortization payment for the Funding Target Shortfall.

The Funding Target is determined as the actuarial present value of benefits as of the valuation date. The Shortfall is equal to the Funding Target less the Plan Assets (with adjustments for credit balances). The amortization payment for a plan year is the aggregate total of the Shortfall Amortization payments, which are based on amounts necessary to amortize the additional Shortfall of each year in level annual installments over a 7-year period beginning with such year.

The Normal Cost is the actuarial present value of benefits expected to accrue during the valuation year plus anticipated administrative expense, if any.

Asset Valuation Method: The asset valuation technique determines valuation assets as the adjusted market value of assets.

Interest Rate Election for Determining Plan Liabilities: Segment rates with 4 month look back.

Appendix B – Summary of Actuarial Assumptions

Economic Assumptions

Interest Rates

Interest Rates for Funding: 2017 Segment Rates with 4 month look back, subject to Segment Rate Stabilization.

	Minimum Funding	Maximum Deductible	PBGC Premium
Segment 1 (0-5 years)	4.16%	1.52%	2.04%
Segment 2 (5-20 years)	5.72%	3.80%	4.03%
Segment 3 (20+ years)	6.48%	4.79%	4.82%
Effective Interest Rate	5.70%	3.83%	4.04%

ERISA minimum funding:

Assumption: 24-month average segment rates, using a four-month lookback period, adjusted to reflect the applicable segment rate stabilization corridor.

Rationale for assumption: This is a prescribed assumption set by the Internal Revenue Code (IRC) Section 430. The plan sponsor has elected to utilize a four-month lookback with rates averaged over a 24-month period, limited to applicable minimum and maximum values in accordance with MAP-21, HATFA, and BBA.

Maximum Deductible Contribution:

Assumption: 24-month average segment rates, using a four-month lookback period, but not adjusted to reflect the applicable segment rate stabilization corridor.

Rationale for assumption: This is a prescribed assumption set by the Internal Revenue Code (IRC) Section 430. The plan sponsor has elected to utilize a four-month lookback with rates averaged over a 24-month period.

FASB ASC Subtopic 960:

Assumption: 6.50% per year. This is the assumed rate of return for the Plan's entire portfolio of assets, net of investment expenses and including assumed inflation rate of 2.30%. It is based on the Plan's investment policy and Milliman's capital market expectations.

Rationale for assumption: In developing this assumption, we reviewed historical investment performance along with forward-looking data such as projections of inflation and total return growth. Mean returns, standard deviations and correlations between investment categories were determined and used in conjunction with the historical and projected information.

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, Part V – Statement of Actuarial Assumptions/Methods
EIN/PN: 34-1750032 / 002

FASB ASC Subtopic 715:

Assumption: Discount rate of 2.93%, compounded annually. This assumption is based on observations of estimates inherent in market data, specifically current yields on AA corporate bonds.

Rationale for assumption: Expected cash flows were discounted to the measurement date utilizing the August 31, 2016 Citigroup Pension Discount Curve. A singular discount rate was then determined such that the resulting liability from discounting using the Citigroup curve matched the liability resulting from discounting the same cash flows using the aforementioned singular discount rate.

Asset Returns

FASB ASC Subtopic 715:

Assumption: 6.50% per year. This is the assumed rate of return for the Plan's entire portfolio of assets, net of investment expenses and including assumed inflation rate of 2.30%. It is based on the Plan's investment policy and Milliman's capital market expectations.

Rationale for assumption: In developing this assumption, we reviewed historical investment performance along with forward-looking data such as projections of inflation and total return growth. Mean returns, standard deviations and correlations between investment categories were determined and used in conjunction with the historical and projected information.

Inflation (CPI)

Assumption: 2.30%, compounded annually. This assumption represents an estimate of future experience and is based in part on observations of estimates inherent in market data.

Rationale for assumption: We utilized the 30-year breakeven inflation rate on December 31, 2016 in combination with the CBO's 75-year forecast to arrive at this assumption.

Administrative Expenses

Assumption: Prior plan years actual expenses rounded to next $1,000.

Rationale for assumption: This assumption represents an estimate of future experience. We believe the assumption selected is reasonable for the contingency being measured and is not anticipated to produce significant cumulative actuarial gains or losses over the measurement period.

Demographic Assumptions

Mortality

ERISA minimum funding, Maximum Deductible Contirbuion:

Assumption: RP-2000 mortality tables for males and females, projected to valuation year with additional projections of seven years for annuitants and fifteen years for non-annuitants.

Rationale for assumption: This is a prescribed assumption set by the Internal Revenue Code (IRC) Section 430.

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, Part V – Statement of Actuarial Assumptions/Methods
EIN/PN: 34-1750032 / 002

FASB ASC Subtopic 960:

Assumption: RP-2014 Blue Collar Mortality Tables adjusted backward to 2006 with Scale MP-2014 and projected with Scale MP-2016. This assumption represents an estimate of future experience and is based in part of observations of estimates inherent in market data.

Rationale for assumptions: The plan is not large enough to develop a credible mortality table based exclusively on plan experience. We have relied on the above mentioned published mortality table in which credible mortality experience was analyzed. We believe the mortality assumption selected is reasonable for the contingency it is measuring and is not anticipated to produce significant cumulative actuarial gains or losses over the measurement period.

Change in assumptions: As of January 1, 2017 the Mortality Table and Projection Scale was changed from the RP-2014 Blue Collar Mortality Tables adjusted backward to 2006 with Scale MP-2014 and projected with Scale MP-2015 to the RP-2014 Blue Collar Mortality Tables adjusted backward to 2006 with Scale MP-2014 and projected with Scale MP-2016.

FASB ASC Topic 715:

Assumption: RP-2014 Blue Collar Mortality Tables adjusted backward to 2006 with Scale MP-2014 and projected with Scale MP-2016. This assumption represents an estimate of future experience and is based in part of observations of estimates inherent in market data.

Rationale for assumptions: The plan is not large enough to develop a credible mortality table based exclusively on plan experience. We have relied on the above mentioned published mortality table in which credible mortality experience was analyzed. We believe the mortality assumption selected is reasonable for the contingency it is measuring and is not anticipated to produce significant cumulative actuarial gains or losses over the measurement period.

Change in assumptions: As of January 1, 2017 the Mortality Table and Projection Scale was changed from the RP-2014 Blue Collar Mortality Tables adjusted backward to 2006 with Scale MP-2014 and projected with Scale MP-2015 to the RP-2014 Blue Collar Mortality Tables adjusted backward to 2006 with Scale MP-2014 and projected with Scale MP-2016.

Retirement

Assumption: Participants are assumed to retire at age 65 or present age, whichever is higher on the valuation date.

Rationale: This assumption was developed based on the plan's historical experience. In addition, sponsor input and economic conditions that might have influenced prior experience or may impact future experience were considered. We believe the retirement assumption selected is reasonable for the contingency it is measuring and is not anticipated to produce significant cumulative actuarial gains or losses over the measurement period.

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, Part V – Statement of Actuarial Assumptions/Methods
EIN/PN: 34-1750032 / 002

Form of Payment

Assumption: Upon retirement, Participants are assumed to elect a single life annuity. This assumption represents an estimate of future experience.

Rationale: Because optional forms of benefit are actuarially equivalent, we believe a single form of payment assumption is reasonable for the contingency it is measuring and is not anticipated to produce significant cumulative actuarial gains or losses over the measurement period.

Marriage Assumption

Assumption: We have assumed 100% of participants are married with spouses of opposite gender and males three years older than females. This assumption represents an estimate of future experience.

Rationale: This assumption was developed based on a review of the plan's historical experience. In addition, sponsor input and economic conditions that might have influenced prior experience or may impact future experience were considered. We believe the spousal assumptions selected are reasonable for the contingencies being measured and are not anticipated to produce significant cumulative actuarial gains or losses over the measurement period.

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, Part V – Summary of Plan Provisions
EIN/PN: 34-1750032 / 002

The actuarial valuation was prepared in accordance with the provisions of the plan, a summary of which is presented below. The summary describes the principal provisions only and is not intended to be authoritative. For questions about specific benefits, please refer to the plan document. This summary of plan provisions is intended to only describe the essential features of the plan.

Basic Information

EIN/PN: 34-1750032/002.

Plan Name: The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc., Huntington, West Virginia Plant.

Employer: TransDigm Inc.

Effective Date: July 23, 1968

Effective Date of Latest Amendment: January 1, 2011

Plan Year: January 1 – December 31.

Definitions

Accrued Benefit: Benefit accrued as of a Participant's date of termination calculated using his service to his date of termination.

Vesting: A Participant is 100% vested upon the completion of 5 years of service, or attaining age 65.

Years of Pension Credit: Complete Years of Service prior to January 1, 1976, plus the aggregate number of years of Plan Years after January 1, 1976 in which a Participant completed at least 1800 Hours of Service as a Participant. Years of Service with less than 1800 hours are prorated.

Eligibility for Participation

Any Employee who becomes a member of the Bargaining Unit shall become a Participant.

Employee Contributions: Employees are neither required nor allowed to contribute to the Plan.

Normal Retirement

Normal Retirement Date: The first day of the month coincident with or next following the later of the Participant's attainment of age 65.

Normal Retirement Benefit: An amount equal to the product of a Participant's Years of Pension Credit and the Benefit Multiplier corresponding to the date he ceases to be a member of the Bargaining Unit as follows:

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, Part V – Summary of Plan Provisions
EIN/PN: 34-1750032 / 002

Date Ceases to be a Member of the Bargaining Unit	Benefit Multiplier
After May 21, 1994	$18.00
August 1, 1993 to May 21, 1994	17.50
July 25, 1991 to July 31, 1993	17.00
July 25, 1990 to July 24, 1991	16.00
July 25, 1989 to July 24, 1990	15.00
July 25, 1988 to July 24, 1989	14.00
July 25, 1987 to July 24, 1988	13.00
August 1, 1985 to July 24, 1987	12.00
August 1, 1984 to July 31, 1985	11.00
August 1, 1982 to July 31, 1984	10.00
August 1, 1981 to July 31, 1982	9.00
August 1, 1980 to July 31, 1981	8.00

Early Retirement

Early Retirement Date: A participant may retire on the first day of any month following the attainment of age 55, and completion of 15 Years of Service.

Early Retirement Benefit: Benefits which commence before age 65 will be reduced 4% per year before age 65.

Termination

Eligibility: Any age and 5 years of service, or attainment of age 65.

Termination Benefit: The accrued benefit is payable at normal retirement date for life. Early payment may be drawn as early as age 55 (with 15 years of service) reduced in the same manner as for Early Retirement above.

Disability Retirement

Disability Benefit Eligibility: First day of the seventh calendar month following the month the member became disabled, as determined by the Administrator.

Disability Retirement Benefit: Normal Retirement Benefit payable after satisfying the eligibility period, unreduced.

The Retirement Plan for Bargaining Unit Employees of Adel Fasteners Division, TransDigm Inc.
2017 Schedule SB, Part V – Summary of Plan Provisions
EIN/PN: 34-1750032 / 002

Preretirement Death

If the participant was eligible for Early Retirement on the date of his death, the benefit payable to the spouse shall be equal to 50% of the amount of benefit the participant would have received had he retired on the date of his death and elected a joint and 50% survivor form of annuity with payments to begin on his Early Retirement Date.

Upon death of a participant prior to meeting the requirements for early retirement, the surviving spouse shall receive for life, a pension equal to 50% of the participant's vested accrued benefit determined under the assumption that he had elected early retirement under a joint and 50% survivor form of annuity commencing on the first of the month in which he would have first become eligible for retirement had he been alive at that time.

Forms of Payment

Normal Form: Life Annuity.

Optional Forms of Benefits: Life Annuity; Joint and 50% Survivor Annuity; Joint and 75% Survivor Annuity; Joint and 100% Survivor Annuity

Optional Form Conversion Factors:	Interest:	5.5%
	Mortality:	1951 Group Annuity Table

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

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

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

OMB No. 1210-0110

2017

This Form is Open to Public Inspection

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **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
Retirement Plan for Barg Unit Employees of Adel Fasteners

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
TransDigm Inc.

D Employer Identification Number (EIN)
34-1750032

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

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

Part I Basic Information

1 Enter the valuation date: Month 1 Day 1 Year 2017

2 Assets:

a Market value	**2a**	1,132,530
b Actuarial value	**2b**	1,132,530

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	37	856,931	856,931
b For terminated vested participants	27	504,325	504,325
c For active participants	0	0	0
d Total	64	1,361,256	1,361,256

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**	5.70 %
6 Target normal cost	**6**	6,000

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

Abby L Kendig
Signature of actuary

10/10/18
Date

Abby L. Kendig
Type or print name of actuary

17-07706
Most recent enrollment number

Milliman, Inc.
Firm name

(973) 278-8860
Telephone number (including area code)

150 Clove Road
10th Floor
Little Falls NJ 07424
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)		
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of 5.28%	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)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.91%		
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections		
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	83.19%
15	Adjusted funding target attainment percentage	15	83.19%
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	82.44%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls

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

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/06/2017	18,145				
07/06/2017	18,145				
10/05/2017	18,145				
01/08/2018	16,792				
09/12/2018	6,420				
			Totals ► 18(b)	77,647	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	74,637

20 Quarterly contributions and liquidity shortfalls:

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

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] 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:	2nd segment:	3rd segment:	
4.16 %	5.72 %	6.48 %	☐ N/A, full yield curve used

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

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

Part VI Miscellaneous Items

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

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	
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**	6,000
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	228,726	68,633
b Waiver amortization installment		

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**	74,633

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

36 Additional cash requirement (line 34 minus line 35)	**36**	74,633
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	74,637
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	**38a**	4
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

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

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

a Schedule elected	☐ 2 plus 7 years	☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011	

42 Amount of acceleration adjustment	**42**	
43 Excess installment acceleration amount to be carried over to future plan years	**43**	