

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 2016 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2016 or fiscal plan year beginning <u>01/01/2016</u> and ending <u>12/31/2016</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 ☐ special extension (enter description)	☐ automatic extension ☐ the DFVC program

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>BOEING NORTH AMERICA RETIREMENT PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>048</u>
		1c	Effective date of plan <u>10/01/1945</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>THE BOEING CO. AND CONSOLIDATED SUBSIDIARIES</u> <u>C/O BOEING EMPLOYEE BENEFITS</u> <u>P.O. BOX 3707 M/C 9U7-03 SEATTLE, WA 98124-2207</u>		2b Employer Identification Number (EIN) <u>91-0425694</u> 2c Plan Sponsor's telephone number <u>866-473-2016</u> 2d Business code (see instructions) <u>336410</u>
	<u>100 N. RIVERSIDE PLAZA CHICAGO, IL 60606-1596</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.	<u>09/06/2017</u>	<u>HEATHER HAYNES-O'BRIEN</u>
	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
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

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

3a Plan administrator's name and address ☐ Same as Plan Sponsor EMPLOYEE BENEFIT PLANS COMMITTEE THE BOEING COMPANY 100 N. RIVERSIDE PLAZA CHICAGO, IL 60606-1596	3b Administrator's EIN 58-2405861 3c Administrator's telephone number 312-544-2297
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 64351
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 that terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 398 6a(2) 339 6b 37188 6c 10025 6d 47552 6e 13581 6f 61133 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: 1B 1I 3F 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
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 2016 Form M-1 annual report. If the plan was not required to file the 2016 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>2016</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016	
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 BOEING NORTH AMERICA RETIREMENT PLAN	B Three-digit plan number (PN) 048
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF THE BOEING CO. AND CONSOLIDATED SUBSIDIARIES	D Employer Identification Number (EIN) 91-0425694
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 01 Day 01 Year 2016			
2 Assets:			
a Market value	2a	3797135427	
b Actuarial value	2b	3965153605	
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	52875	2928070069	2928070069
b For terminated vested participants	11700	299078158	299078158
c For active participants	398	43379866	45637385
d Total	64973	3270528093	3272785612
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	5.80 %	
6 Target normal cost	6	9424598	

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	08/07/2017
EMILY L. CARLSON	Date
Type or print name of actuary	17-06985
TOWERS WATSON DELAWARE INC.	Most recent enrollment number
Firm name	206-625-1125
600 UNIVERSITY STREET SUITE 3100 SEATTLE, WA 98101	Telephone number (including area code)
Address of the firm	

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)	337405105	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)	337405105	0
10	Interest on line 9 using prior year's actual return of <u>-0.86</u> %	-2901684	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 <u>6.04</u> %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		0
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	334503421	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	110.93%
15	Adjusted funding target attainment percentage	15	121.15%
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	121.78%
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
Totals ►			18(b)	0	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 0
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

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost					
21	Discount rate:					
a	Segment rates:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1st segment: 4.43%</td> <td style="width: 33%;">2nd segment: 5.91%</td> <td style="width: 33%;">3rd segment: 6.65%</td> </tr> </table>	1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%	☐ N/A, full yield curve used
1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%				
b	Applicable month (enter code)	21b	4			
22	Weighted average retirement age	22	62			
23	Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute					
Part VI	Miscellaneous Items					
24	Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No					
25	Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No					
26	Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No					
27	If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.	27				
Part VII	Reconciliation of Unpaid Minimum Required Contributions For Prior Years					
28	Unpaid minimum required contributions for all prior years	28	0			
29	Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0			
30	Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0			
Part VIII	Minimum Required Contribution For Current Year					
31	Target normal cost and excess assets (see instructions):					
a	Target normal cost (line 6)	31a	9424598			
b	Excess assets, if applicable, but not greater than line 31a	31b	9424598			
32	Amortization installments:	Outstanding Balance	Installment			
a	Net shortfall amortization installment	0	0			
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	0			
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	0			
		Carryover balance	Prefunding balance			
35	Balances elected for use to offset funding requirement	0	0			
36	Additional cash requirement (line 34 minus line 35)	36	0			
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0			
38	Present value of excess contributions for current year (see instructions)					
a	Total (excess, if any, of line 37 over line 36)	38a	0			
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	0			
43	Excess installment acceleration amount to be carried over to future plan years	43	0			

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016	
A Name of plan BOEING NORTH AMERICA RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 048
C Plan sponsor's name as shown on line 2a of Form 5500 THE BOEING CO. AND CONSOLIDATED SUBSIDIARIES	D Employer Identification Number (EIN) 91-0425694

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☐ Yes ☒ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

XEROX HR SOLUTIONS, LLC

16-4068020

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 15	SERVICE PROVIDER	3755614	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

THE BOEING CO AND CONSOLIDATED SUBS

91-0425694

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 14 28	PLAN SPONSOR	392335	Yes ☒ No ☐	Yes ☐ No ☒	61	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

STATE STREET BANK AND TRUST COMPANY

04-3581074

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 15 49 50	SERVICE PROVIDER	253263	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

WILLIS TOWERS WATSON

53-0181291

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11 17 50 70	SERVICE PROVIDER	136137	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PLANTE & MORAN, PLLC

38-1357951

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 50	AUDITOR	63081	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

FOLEY & LARDNER LLP

39-0473800

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29 50	SERVICE PROVIDER	10950	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

HERRONPALMER, LLC

45-4725418

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
16 50	SERVICE PROVIDER	7665	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DELOITTE & TOUCHE, LLP

13-3891517

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITOR	5516	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name:	CHRIS NOBLE	b EIN:	53-0181291
c Position:	ENROLLED ACTUARY		
d Address:	WILLIS TOWERS WATSON 600 UNIVERSITY STREET, SUITE 3100 SEATTLE, WA 98101	e Telephone:	206-812-7271

Explanation: REASSIGNMENT OF WORK WITHIN WILLIS TOWERS WATSON

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

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;">2016</div> This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>BOEING NORTH AMERICA RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>048</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>THE BOEING CO. AND CONSOLIDATED SUBSIDIARIES</u>	D Employer Identification Number (EIN) <u>91-0425694</u>	

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: TBCERP MASTER TRUST

b Name of sponsor of entity listed in (a): THE BOEING CO. & CONSOLIDATED SUBS

c EIN-PN <u>91-0425694-062</u>	d Entity code <u>M</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>3683464436</u>
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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 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:

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)
-----------------	----------------------	---

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)
-----------------	----------------------	---

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)
-----------------	----------------------	---

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)
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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 code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

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)**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)**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)**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)**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)**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)**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)**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)**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)**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
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
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
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

<div>SCHEDULE G (Form 5500) Department of Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration</div>	<div>Financial Transaction Schedules</div> <div>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).</div> <div>► File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2016</div> <div>This Form is Open to Public Inspection.</div>
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016	
<div>A Name of plan BOEING NORTH AMERICA RETIREMENT PLAN</div>	<div>B Three-digit plan number (PN) ► 048</div>
<div>C Plan sponsor's name as shown on line 2a of Form 5500 THE BOEING CO. AND CONSOLIDATED SUBSIDIARIES</div>	<div>D Employer Identification Number (EIN) 91-0425694</div>

Part I	<div>Schedule of Loans or Fixed Income Obligations in Default or Classified as Uncollectible</div> <div>Complete as many entries as needed to report all loans or fixed income obligations in default or classified as uncollectible. Check box (a) if obligor is known to be a party in interest. Attach Overdue Loan Explanation for each loan listed. See Instructions.</div>
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(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor		(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items		
☐					
		Amount received during reporting year			Amount overdue
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor		(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items		
☐					
		Amount received during reporting year			Amount overdue
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor		(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items		
☐					
		Amount received during reporting year			Amount overdue
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor		(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items		
☐					
		Amount received during reporting year			Amount overdue
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor		(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items		
☐					
		Amount received during reporting year			Amount overdue
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

Part II Schedule of Leases in Default or Classified as Uncollectible

Complete as many entries as needed to report all leases in default or classified as uncollectible. Check box (a) if lessor or lessee is known to be a party in interest. Attach Overdue Lease Explanation for each lease listed. (See instructions)

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

Part III Nonexempt Transactions

Complete as many entries as needed to report all nonexempt transactions. **Caution:** If a nonexempt prohibited transaction occurred with respect to a disqualified person, file Form 5330 with the IRS to pay the excise tax on the transaction.

(a) Identity of party involved		(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price	
WILLIAM BLAIR		SERVICE PROVIDER	PLAN ASSETS WERE INADVERTENTLY USED TO MAKE AN OVERPAYMENT TO A THIRD-PARTY		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			13724	13732	8
(a) Identity of party involved		(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price	
PIMCO		SERVICE PROVIDER	PLAN ASSETS WERE INADVERTENTLY USED TO MAKE AN OVERPAYMENT TO A THIRD-PARTY		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			4231	4233	2
(a) Identity of party involved		(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price	
J.P. MORGAN		TRUSTEE	PLAN ASSETS WERE INADVERTENTLY USED TO MAKE OVERPAYMENTS TO THE TRUSTEE		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			198	203	5
(a) Identity of party involved		(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price	
DRINKER BIDDLE REATH LLP		SERVICE PROVIDER	PLAN ASSETS WERE INADVERTENTLY USED TO MAKE AN OVERPAYMENT TO A THIRD-PARTY		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			1011	1012	1
(a) Identity of party involved		(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price	
THE BOEING COMPANY		PLAN SPONSOR	PLAN ASSETS WERE INADVERTENTLY RECEIVED BY THE PLAN SPONSOR		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			6510	6560	50
(a) Identity of party involved		(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price	
KIRKLAND & ELLIS		SERVICE PROVIDER	PLAN ASSETS WERE INADVERTENTLY USED TO MAKE AN OVERPAYMENT TO A THIRD-PARTY		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			2678	2709	31

Part III Nonexempt Transactions

Complete as many entries as needed to report all nonexempt transactions. **Caution:** If a nonexempt prohibited transaction occurred with respect to a disqualified person, file Form 5330 with the IRS to pay the excise tax on the transaction.

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
J.P. MORGAN	TRUSTEE	PLAN ASSETS WERE INADVERTENTLY USED TO MAKE OVERPAYMENTS TO THE TRUSTEE			
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			589	597	8

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
BLOOMBERG	SERVICE PROVIDER	PLAN ASSETS WERE INADVERTENTLY USED TO MAKE AN OVERPAYMENT TO A THIRD-PARTY			
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
			11	11	0

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

SCHEDULE H (Form 5500) 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
		2016
		This Form is Open to Public Inspection

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016		
A Name of plan BOEING NORTH AMERICA RETIREMENT PLAN	B Three-digit plan number (PN) ►	048
C Plan sponsor's name as shown on line 2a of Form 5500 THE BOEING CO. AND CONSOLIDATED SUBSIDIARIES	D Employer Identification Number (EIN) 91-0425694	

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)		
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)	1141053	1201521
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)	3796158861	3683464436
(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	3797299914	3684665957

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	164487	147075
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	164487	147075

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	3797135427	3684518882
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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)		
(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)		0
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)		278396240
(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		278396240

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	382267369	
(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)		382267369
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)	224661	
(2) Contract administrator fees.....	2i(2)	4008877	
(3) Investment advisory and management fees.....	2i(3)	271098	
(4) Other	2i(4)	4240780	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		8745416
j Total expenses. Add all expense amounts in column (b) and enter total	2j		391012785

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-112616545
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: PLANTE & MORAN, PLLC

(2) EIN: 38-1357951

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		29057
e Was this plan covered by a fidelity bond?	4e	X		95000000
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		X	
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			
o Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

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

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 3983228. (See instructions.)

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

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 2016 This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>BOEING NORTH AMERICA RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>048</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>THE BOEING CO. AND CONSOLIDATED SUBSIDIARIES</u>	D Employer Identification Number (EIN) <u>91-0425694</u>

Part I	Distributions
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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>04-3581074</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>1271</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
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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.
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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) 2016
v. 160205

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	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
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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: <u>29.0</u> % Investment-Grade Debt: <u>37.0</u> % High-Yield Debt: <u>2.0</u> % Real Estate: <u>6.0</u> % Other: <u>26.0</u> % 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):

Part VII	IRS Compliance Questions
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20a Is the plan a 401(k) plan? If "No," skip b	☐ Yes ☐ No
20b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
21a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
21b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No
22a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter / / and the serial number .	
22b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter / / .	

The Boeing Company Employee Retirement Plans

Financial Report
December 31, 2016

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

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Independent Auditor's Report

To the Participants and Employee Benefit Plans
Committee
The Boeing Company

We have audited the accompanying financial statements of The Boeing Company Employee Retirement Plan, Boeing North American Retirement Plan, BSS Retirement Plan, BSS Retirement Plan for Bargained Employees, Employee Retirement Income Plan – Hourly East, Employee Retirement Income Plan – Hourly West, Non-Contributory Retirement Plan, and The Pension Value Plan for Employees of The Boeing Company (collectively, the “Plans”) which comprise the statements of net assets available for benefits as of December 31, 2016 and 2015, and the related statements of changes in net assets available for benefits for the years 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 our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets of the Plans as of December 31, 2016 and 2015 and the changes in net assets for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

To the Participants and Employee Benefit Plans
Committee
The Boeing Company

Emphasis of Matter

Included in investments measured at net asset value in Note 5 to the financial statements, The Boeing Company Employee Retirement Plans Master Trust holds investments valued at approximately \$9.3 billion at December 31, 2016 and 2015 (approximately 17% of the Master Trust's net assets) whose fair values have been estimated by management in the absence of readily determinable market values and that have restrictive redemption frequency and notice requirements. Management's estimates are based on methods described in Note 2 to the financial statements. Our opinion is not modified with respect to this matter.

Report on Supplemental Information

Our audits were conducted for the purpose of forming opinions on the financial statements as a whole. The supplemental schedules of nonexempt transactions for the year ended December 31, 2016 are presented for the purpose of additional analysis and are not a required part of the financial statements but are supplemental information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Such information is the responsibility of the Plans' management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Plante & Moran, PLLC

Southfield, Michigan
July 24, 2017

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS

December 31, 2016

	The Boeing Company Employee Retirement Plan	Boeing North American Retirement Plan	BSS Retirement Plan for Bargained Employees	BSS Retirement Plan for Bargained Employees	Employee Retirement Income Plan - Hourly East	Employee Retirement Income Plan - Hourly West	Non-Contributory Retirement Plan	The Pension Value Plan for Employees of The Boeing Company	Total (Memorandum Only)
Assets									
Investments at fair value - Interest in Master Trust	\$ 17,768,593,835	\$ 3,683,464,436	\$ 1,534,792,499	\$ 254,885,804	\$ 1,617,396,360	\$ 1,973,165,876	\$ 598,582,923	\$ 29,026,227,049	\$ 56,457,108,782
Receivables - other	<u>1,228,136</u>	<u>1,201,521</u>	<u>797,821</u>	<u>33,047</u>	<u>123,578</u>	<u>236,839</u>	<u>62,908</u>	<u>1,765,415</u>	<u>5,449,265</u>
Total assets	17,769,821,971	3,684,665,957	1,535,590,320	254,918,851	1,617,519,938	1,973,402,715	598,645,831	29,027,992,464	56,462,558,047
Liabilities - Accrued administrative expenses	<u>521,264</u>	<u>147,075</u>	<u>73,388</u>	<u>29,542</u>	<u>63,107</u>	<u>90,278</u>	<u>30,540</u>	<u>812,497</u>	<u>1,767,691</u>
Net Assets Available for Benefits	\$ 17,769,300,707	\$ 3,684,518,882	\$ 1,535,516,932	\$ 254,889,309	\$ 1,617,456,831	\$ 1,973,312,437	\$ 598,615,291	\$ 29,027,179,967	\$ 56,460,790,356

December 31, 2015

	The Boeing Company Employee Retirement Plan	Boeing North American Retirement Plan	BSS Retirement Plan	BSS Retirement Plan for Bargained Employees	Employee Retirement Income Plan - Hourly East	Employee Retirement Income Plan - Hourly West	Non-Contributory Retirement Plan	The Pension Value Plan for Employees of The Boeing Company	Total (Memorandum Only)
Assets									
Investments at fair value - Interest in Master Trust	\$ 17,519,532,012	\$ 3,796,158,861	\$ 1,642,904,359	\$ 250,354,931	\$ 1,638,690,761	\$ 1,960,726,473	\$ 595,307,893	\$ 28,775,463,577	\$ 56,179,138,867
Receivables - other	<u>1,208,637</u>	<u>1,141,053</u>	<u>806,139</u>	<u>13,374</u>	<u>124,171</u>	<u>239,999</u>	<u>45,219</u>	<u>1,717,777</u>	<u>5,296,369</u>
Total assets	17,520,740,649	3,797,299,914	1,643,710,498	250,368,305	1,638,814,932	1,960,966,472	595,353,112	28,777,181,354	56,184,435,236
Liabilities - Accrued administrative expenses	<u>819,352</u>	<u>164,487</u>	<u>83,656</u>	<u>28,144</u>	<u>92,936</u>	<u>107,744</u>	<u>35,295</u>	<u>834,482</u>	<u>2,166,096</u>
Net Assets Available for Benefits	\$ 17,519,921,297	\$ 3,797,135,427	\$ 1,643,626,842	\$ 250,340,161	\$ 1,638,721,996	\$ 1,960,858,728	\$ 595,317,817	\$ 28,776,346,872	\$ 56,182,269,140

See Notes to Financial Statements.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

	Year Ended December 31, 2016								
	The Boeing Company Employee Retirement Plan	Boeing North American Retirement Plan	BSS Retirement Plan	BSS Retirement Plan for Bargained Employees	Employee Retirement Income Plan - Hourly East	Employee Retirement Income Plan - Hourly West	Non-Contributory Retirement Plan	The Pension Value Plan for Employees of The Boeing Company	Total (Memorandum Only)
Additions									
Net investment income from Master Trust	\$ 1,307,454,591	\$ 278,396,240	\$ 115,711,897	\$ 17,604,634	\$ 121,779,691	\$ 147,124,906	\$ 44,348,769	\$ 2,147,683,972	\$ 4,180,104,700
Employer contributions	-	-	75,000,000	25,000,000	-	-	-	-	100,000,000
Employee contributions	-	-	110,066	350,056	-	-	-	-	460,122
Total additions	1,307,454,591	278,396,240	190,821,963	42,954,690	121,779,691	147,124,906	44,348,769	2,147,683,972	4,280,564,822
Deductions									
Benefits paid directly to participants or beneficiaries	972,368,487	382,267,369	296,717,583	37,979,828	132,163,764	131,091,410	37,946,805	1,782,559,817	3,773,095,063
Administrative expenses	85,706,694	8,745,416	2,214,290	425,714	10,881,092	3,579,787	3,104,490	114,291,060	228,948,543
Total deductions	1,058,075,181	391,012,785	298,931,873	38,405,542	143,044,856	134,671,197	41,051,295	1,896,850,877	4,002,043,606
Net Increase (Decrease)	249,379,410	(112,616,545)	(108,109,910)	4,549,148	(21,265,165)	12,453,709	3,297,474	250,833,095	278,521,216
Net Assets Available for Benefits - Beginning of year	17,519,921,297	3,797,135,427	1,643,626,842	250,340,161	1,638,721,996	1,960,858,728	595,317,817	28,776,346,872	56,182,269,140
Net Assets Available for Benefits - End of year	<u>\$ 17,769,300,707</u>	<u>\$ 3,684,518,882</u>	<u>\$ 1,535,516,932</u>	<u>\$ 254,889,309</u>	<u>\$ 1,617,456,831</u>	<u>\$ 1,973,312,437</u>	<u>\$ 598,615,291</u>	<u>\$ 29,027,179,967</u>	<u>\$ 56,460,790,356</u>
	Year Ended December 31, 2015								
	The Boeing Company Employee Retirement Plan	Boeing North American Retirement Plan	BSS Retirement Plan	BSS Retirement Plan for Bargained Employees	Employee Retirement Income Plan - Hourly East	Employee Retirement Income Plan - Hourly West	Non-Contributory Retirement Plan	The Pension Value Plan for Employees of The Boeing Company	Total (Memorandum Only)
Additions									
Employer contributions	\$ -	\$ -	\$ 38,000,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000,000
Employee contributions	-	-	4,037,642	464,623	-	-	-	-	4,502,265
Total additions	-	-	42,037,642	2,464,623	-	-	-	-	44,502,265
Deductions									
Net investment loss from Master Trust	177,178,650	35,920,447	14,370,917	2,375,897	10,774,354	17,578,744	6,068,551	284,330,051	548,597,611
Benefits paid directly to participants or beneficiaries	1,085,906,101	583,833,673	265,544,959	36,364,914	151,281,745	206,779,980	36,749,865	1,543,244,453	3,909,705,690
Administrative expenses	22,447,919	9,063,423	1,321,510	374,414	2,765,062	3,689,525	941,453	83,009,096	123,612,402
Total deductions	1,285,532,670	628,817,543	281,237,386	39,115,225	164,821,161	228,048,249	43,759,869	1,910,583,600	4,581,915,703
Assets Transfer Out to Another Plan	-	217,369	-	-	-	-	-	-	217,369
Assets Transfer Out to Insurance Carriers	-	3,449,037	-	-	-	-	-	-	3,449,037
Net Decrease	(1,285,532,670)	(632,483,949)	(239,199,744)	(36,650,602)	(164,821,161)	(228,048,249)	(43,759,869)	(1,910,583,600)	(4,541,079,844)
Net Assets Available for Benefits - Beginning of year	18,805,453,967	4,429,619,376	1,882,826,586	286,990,763	1,803,543,157	2,188,906,977	639,077,686	30,686,930,472	60,723,348,984
Net Assets Available for Benefits - End of year	<u>\$ 17,519,921,297</u>	<u>\$ 3,797,135,427</u>	<u>\$ 1,643,626,842</u>	<u>\$ 250,340,161</u>	<u>\$ 1,638,721,996</u>	<u>\$ 1,960,858,728</u>	<u>\$ 595,317,817</u>	<u>\$ 28,776,346,872</u>	<u>\$ 56,182,269,140</u>

See Notes to Financial Statements.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

1. DESCRIPTION OF THE PLANS

The following is a brief description of the following plans (collectively, the “Plans”), and provides only general information:

The Boeing Company Employee Retirement Plan (“BCERP Plan”)
Boeing North American Retirement Plan (“BNA Plan”)
BSS Retirement Plan (“BSS Plan”)
BSS Retirement Plan for Bargained Employees (“BSSB Plan”)
Employee Retirement Income Plan – Hourly East (“Hourly East Plan”)
Employee Retirement Income Plan – Hourly West (“Hourly West Plan”)
Non-Contributory Retirement Plan (“NCRP Plan”)
The Pension Value Plan for Employees of The Boeing Company (“PVP Plan”)

Eligible participants as defined by the Plans (“Participants”) should refer to the plan documents for a more complete description of the Plans’ provisions.

Each of the Plans is sponsored by The Boeing Company (the “Company”).

General —

BCERP Plan:

The BCERP Plan is a noncontributory defined benefit pension plan covering certain bargained employees of the Company. The BCERP Plan is closed to various unions. These closure dates range from January 1, 2009 through December 31, 2016. Effective January 1, 1999, the assets and liabilities attributable to accrued benefits of active nonunion salaried Participants were transferred to the PVP Plan. Benefit accruals under the BCERP Plan are also frozen (or will be frozen) to various unions with freeze dates ranging from December 31, 2015 to December 31, 2018.

BNA Plan:

The BNA Plan is a noncontributory defined benefit pension plan covering certain employees formerly of Boeing North American, Inc. (formerly Rockwell International Corporation), a subsidiary merged into the Company effective December 1996. The BNA Plan is made up of various sub-plans with varying plan provisions. Since 2000, the only sub-plan still active is the BNA Sub-Plan R02/Aerospace Hourly Plan (“R02 Sub Plan”). Effective January 1, 2009, the R02 Sub Plan was closed to new entrants and all benefit accruals in the R02 Sub Plan will be frozen effective January 1, 2017.

BSS Plan:

The BSS Plan is a contributory defined benefit pension plan covering certain nonbargained employees formerly of Boeing Satellite Systems, Inc. (“BSS”), a subsidiary merged into the Company effective October 2000. The BSS Plan was closed to new entrants for the contributory benefit structure effective January 1, 1991. Noncontributory benefits of the BSS Plan were transferred to the PVP Plan on April 1, 2003. All benefit accruals under the BSS Plan were frozen as of December 31, 2015.

BSSB Plan:

The BSSB Plan is a defined benefit pension plan with both contributory and noncontributory benefit structures covering certain bargained employees formerly of BSS. Eligible active employees are located in Southern California represented by Electronic and Space Technicians Local 1553 (“EAST 1553”).

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

1. DESCRIPTION OF THE PLANS (CONTINUED)

The contributory portion of the BSSB Plan has been closed to new Participants since 1992. Effective January 1, 2012, the noncontributory portion of the BSSB Plan was closed to new entrants.

Hourly East and Hourly West Plans:

The Hourly East and Hourly West Plans are noncontributory defined benefit pension plans covering certain employees formerly of McDonnell Douglas Corporation (“MDC”), which merged with the Company effective August 1997. The Hourly East and Hourly West Plans are closed to all unions. These closure dates range from January 1, 2012 through January 1, 2014 for the Hourly East Plan and January 1, 2010 through February 1, 2014 for the Hourly West Plan. As of December 31, 2016, benefit accruals have been frozen for the majority of the Participants under the Hourly East Plan. Effective December 31, 2017, benefit accruals will be frozen for the majority of the Participants under the Hourly West Plan.

NCRP Plan:

The NCRP Plan is a noncontributory defined benefit pension plan covering certain bargained employees of the Company, represented by United Automobile, Aerospace and Agricultural Implement Workers of America, Local 1069, in Ridley Park, Pennsylvania. Effective January 1, 2014, the NCRP Plan was closed to new entrants. All benefit accruals under the NCRP Plan were frozen effective December 31, 2016.

PVP Plan:

The PVP Plan is a noncontributory defined benefit pension plan covering certain nonunion salaried employees of the Company. Effective January 1, 2009, the PVP Plan was closed to new entrants. Benefit accruals under the PVP Plan were frozen, other than interest credits applied to Participants’ cash balance hypothetical accounts to the extent required by law, effective December 31, 2015.

See Note 8 for recent plan amendments, including plan freezes, closures, and changes to plan benefits.

The assets of the Plans, along with another plan sponsored by a subsidiary of the Company and not included in the accompanying financial statements, are held in The Boeing Company Employee Retirement Plans Master Trust (the “Master Trust”). JPMorgan Chase, N.A. (“JPM”) serves as the trustee for the Master Trust. The Employee Benefit Plans Committee has the overall responsibility for the operation and administration of the Plans. The Plans are subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”).

The “Total (Memorandum Only)” columns in the accompanying Statements of Net Assets Available for Benefits and Statements of Changes in Net Assets Available for Benefits represent the total activity for the Plans and are provided for information purposes only.

Employee Contributions — For the BSSB Plan, and prior to January 1, 2016, also the BSS Plan, a Participant’s current rate of contribution is 3% of eligible compensation and may not be changed by the Participant. Participants may suspend contributions, but they do not accrue benefit service for periods when they are not contributing; however, contribution suspension will not interrupt their continuous service or years of vesting service. If contributions are suspended, Participants must wait 12 calendar months before they can begin contributing again, provided they are still eligible. Participants are always vested in their own contributions to the respective BSS and BSSB Plans. Effective January 1, 2016, employee contributions were no longer allowed under the BSS Plan as all benefit accruals under the BSS Plan were frozen.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

1. DESCRIPTION OF THE PLANS (CONTINUED)

Employer Contributions — The funding policy of the Company is to contribute an amount at least equal to the minimum required contribution under ERISA to each of the Plans. The Plans have met the minimum funding requirements of ERISA, and no contributions were required under ERISA for the years ended December 31, 2016 and 2015. Although no contributions were required under ERISA, the Company may make discretionary contributions to the Plans.

Pension Benefits — Except as noted for the specific plans below, Participants with five or more years of vesting service are entitled to benefits under the Plans. The Plans generally provide for normal retirement benefits upon reaching age 65 and have provisions for early retirement benefits. Benefits are payable in the form of a joint and survivor annuity, a single life annuity, or other payment forms, as specified in the applicable plan document. Monthly pension benefits beginning at normal retirement age are generally determined as follows:

Plan	Determination of Benefit Payment Amount
BCERP Plan	The greater of (1) a final average monthly earnings formula, or (2) a rate, based on union affiliation, multiplied by each year of credited service
BNA Plan	For the BNA R02 Sub Plan (the only sub-plan with Participants actively accruing benefits), benefits are based on a rate multiplied by each year of benefit service. Other benefits vary per applicable sub-plan.
BSS Plan	<p>The contributory benefit is funded by the Company, as well as employee contributions. The contributory benefit is the best of three formulas: 1) a career average formula, 2) a final average monthly compensation formula, and 3) a minimum benefit formula.</p> <p><i>Cost of Living Adjustment (“COLA”)</i> — Monthly benefits under the contributory benefit may be adjusted annually to reflect changes in the cost of living. The adjustment is made every January 1 and is based on the change in the Consumer Price Index (“CPI”) relative to the year before; however, if the BSS Plan is terminated, no COLA will be provided except to Participants who are already receiving retirement payments. To be eligible for a COLA, Participants must have retired on their early, normal, or late retirement date.</p>
BSSB Plan	<p>Participants may accrue benefits in one of two benefit structures of the BSSB Plan (contributory and noncontributory); however, if they are accruing in the noncontributory structure, they may also have prior contributory accruals.</p> <ul style="list-style-type: none"> The noncontributory benefit is funded solely by contributions made to the BSSB Plan by the Company, as defined by the Plan document. Benefits are based on a formula, including final average monthly earnings, service, and covered compensation. The contributory benefit is funded by the Company, as well as employee contributions. The contributory benefit is the best of three formulas: 1) a career average formula, 2) a final average monthly compensation formula, and 3) a minimum benefit formula. <p><i>COLA</i> — Monthly benefits under the contributory benefit may be adjusted annually to reflect changes in the cost of living. The adjustment is made every January 1 and is based on the change in the CPI relative to the year before; however, if the BSSB Plan is terminated, no COLA will be provided except to Participants who are already receiving retirement payments.</p>

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

1. DESCRIPTION OF THE PLANS (CONTINUED)

	To be eligible for a COLA, Participants must have retired on their early, normal, or late retirement date.
Hourly East Plan	A rate, based on union affiliation, multiplied by each year of benefit service while employed with a covered group
Hourly West Plan	A rate, based on union affiliation, multiplied by each year of benefit service while employed with a covered group
NCRP Plan	A rate multiplied by each year of credited service
PVP Plan	<p>Participants with three or more years of vesting service and Participants who are at least age 62 at termination with one or more years of service are entitled to benefits under the PVP Plan.</p> <p>PVP Plan features that are relevant to the benefit include, but are not limited to:</p> <ul style="list-style-type: none"> • Participants in the PVP Plan maintain a hypothetical separate account similar to a defined contribution plan, although the Company makes all contributions to the PVP Plan. Participants are not permitted to make contributions. • Interest credits applied to Participants' hypothetical accounts are based on the yield of the 30-year U.S. Treasury bond (but not less than an interest credit minimum rate of 5% (5.25% prior to January 1, 2016) or greater than an interest credit maximum rate of 10%). The rate was 5% and 5.25% as of December 31, 2016 and 2015, respectively. • Benefits relating to prior service and transferred to the PVP Plan ("Heritage Benefits") were generally earned under the BCERP Plan, BNA Plan, BSS Plan, and the former McDonnell Douglas Corporation — Salaried Plan ("MDC-Salaried"); Heritage Benefits increased in relation to growth in base pay but not for service earned after these benefits were transferred into the PVP Plan. <p>Monthly pension benefits beginning at normal retirement age (65) equal the greater of the combined benefits described in (1) plus (2) or the benefit described in (3) below:</p> <ol style="list-style-type: none"> 1. The benefit credits, including a percentage of eligible pay based on the Participant's age for each year he or she works for the Company, plus interest credits divided by an annuity conversion factor, ranging from 11 to 15. This annual benefit is then divided by 12 to calculate a monthly benefit. 2. Heritage Benefits transferred to the Plan, plus growth due to increases in pay after the transfer date. 3. A rate multiplied by each year of benefit service. <p>Benefits for certain frozen plans have been merged into the PVP Plan. Those benefits remain frozen and are payable based on the provisions of the specific related plans merged into the PVP Plan.</p>

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

1. DESCRIPTION OF THE PLANS (CONTINUED)

Death and Disability Benefits — Death benefits are payable from the Plans under certain circumstances. See plan documents for specific provisions.

There are no provisions for disability benefits from the BSS and BSSB Plans. Since December 1, 2004, the PVP Plan has not provided for disability benefits. Disability benefits for the other Plans are payable from the Plans under certain circumstances. See plan documents for specific provisions.

Assets Transfers from the BNA Plan — During the 2015 plan year, \$217,369 in plan assets were transferred from the BNA Plan to Rockwell Automation Pension Trust (“Rockwell Plan”) due to a settlement between the BNA Plan and the Rockwell Plan. The amount represented the pension benefit payments that should have been disbursed from the BNA Plan instead of the Rockwell Plan. In addition, \$3,449,037 in plan assets were transferred from the BNA Plan to insurance carriers for the non-participating portion of certain contracts for which the insurance carriers assumed ownership when the contracts were discontinued. This transfer is included in benefits paid in the changes in actuarial PVAB (Note 3). All benefit obligations under these contracts were transferred from the BNA Plan to the insurance carriers.

Termination — Although it has not expressed any intention to do so, the Company has the right under each of the individual plans, in certain circumstances, to discontinue its contributions at any time and to terminate any of the Plans subject to the provisions set forth in ERISA. In the event a plan terminates, the net assets of the specific plan will be allocated for payment of plan benefits to Participants in an order of priority determined in accordance with ERISA and the applicable plan document.

Certain benefits under the Plans are insured by the Pension Benefit Guaranty Corporation (“PBGC”) if the Plans terminate. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivor’s pensions; however, the PBGC does not guarantee all types of benefits under the Plans, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plans are guaranteed at the level in effect on the date of the Plans’ termination, subject to a statutory ceiling on the amount of an individual’s monthly benefit.

Whether all Participants receive their benefits should a plan terminate at some future time will depend on the sufficiency, at that time, of the net assets to provide for accumulated benefit obligations and may also depend on the financial condition of the Company and the level of benefits guaranteed by the PBGC. Some benefits may be fully or partially provided for by the then-existing assets and the PBGC guaranty, while other benefits may not be provided for at all.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting — The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (“U.S. GAAP”).

Use of Estimates — The preparation of financial statements in conformity with U.S. GAAP 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 (“PVAB”) at the date of the financial statements. Actual results could differ from those estimates.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Risks and Uncertainties — The Master Trust utilizes various investment instruments. Investment instruments, in general, are exposed to various risks, such as interest rate risk, credit risk, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term, and such changes could materially affect the values reported in the financial statements.

Plan contributions are made and the actuarial PVAB is 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 at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

Valuation of Investments — Investments in the Master Trust are generally stated at fair value. Fair value of a financial instrument is the price that would be received to sell an asset or paid to transfer a liability (exit price) in an orderly transaction between market participants at the measurement date. Investments at contract value are investment contracts valued at cost, plus accumulated earnings thereon, computed in accordance with contract formulas, less expenses. The Master Trust's investments stated at fair value are valued as follows:

- Corporate bonds, government bonds, mortgage-backed and asset-backed securities, and municipal bonds are primarily valued using a market approach using matrix pricing, which considers a security's relationship to other securities for which quoted prices in an active market may be available, or alternatively based on an income approach, which uses valuation techniques to convert future cash flows to a single present value amount. The valuation approach is designed to maximize the use of observable inputs, such as observable trade prices, multiple broker-dealer quotations, related yield curves, and other assumptions about the security (prepayment projections, cash flows, other security characteristics, etc.) and minimize unobservable inputs. The securities are valued as of the last trading day of the year. To-be-announced securities ("TBAs") and treasury forwards, which have a delayed future settlement, are valued similarly to securities in active markets. The unrealized market appreciation or depreciation is included in other receivables and other liabilities on the Master Trust's statements of net assets.
- Common and preferred stock and certain other investments, including real-estate investment trusts, American depository receipts, global depository receipts, rights, and warrants traded in active markets on national and international exchanges are primarily valued using a market approach based on the closing market prices of identical instruments on the last trading day of the year.
- Mutual funds, which are registered investment companies, are valued using quoted market prices to represent the net asset value ("NAV") at year-end.
- Short-term investments include treasury bills, commercial paper, certificates of deposits, and discounted notes with original maturities of up to one year. These investments are primarily valued using a market approach based on matrix pricing as referenced above. In the event that an instrument with an original maturity of less than three months does not have a market price, then those investments are valued at amortized cost, which approximates fair value.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

- Other investments include over-the-counter (“OTC”) derivatives, such as options and swap contracts. These derivatives are valued based upon the expected amount that the Master Trust would receive or pay to exit the derivative at the reporting date. The valuation methodology uses the income approach and relies on inputs, including, but not limited to, benchmark yields, swap curves, cash flow analysis, ratings updates, and interdealer broker rates. Credit risk of the derivative counterparties is offset by collateralizing the expected amount that the Master Trust would receive or pay to terminate the derivative.
- Investments in funds that do not have a readily determinable fair value and meet the criteria of investment companies are valued using the NAV as the practical expedient. The NAV or its equivalent, such as member units or membership units in partners’ capital to which a proportionate share of net assets is attributed, is based on the value of underlying investments. The NAV measurement may be adjusted to estimate net asset value per share for the investment in a manner consistent with measurement principles for investment companies. There were no adjustments in 2016 or 2015.
 - Investments in commingled funds, which include common/collective trusts/pooled funds (“CCTs”) are valued based on the year-end unit values. Unit values are determined by the issuer, investment manager or third-party administrator by dividing the fair values of the total net assets at year-end by the outstanding units.
 - Investments in partnerships are recorded based upon year-end valuations, which represent the unit of account, and are determined by the general partner and reflected in the audited financial statements. Where necessary, adjustments may be made to general partner valuations to reflect fair value when such valuations are inconsistent with NAV practical expedient criteria.
 - Investments in hedge funds consist of fund-of-fund structures and direct hedge funds. The fund-of-fund structures are primarily valued using a market approach based on the NAV calculated by the fund and is not publicly available. Direct hedge fund NAV is based on valuation of the underlying holdings.
- Cash and cash equivalents include cash and cash collateral. Cash includes cash collateral received from counterparties on derivatives. Cash collateral is related to the collateral posted on derivatives.
- Forward and spot currency contracts are valued using a market value approach based on spot foreign currency rates if the contract tenor is two days or less and interpolated forward rates for any contracts with a tenor greater than two days. Forward and spot currency contracts are included in other receivables and other liabilities on the Master Trust’s statements of net assets.
- Securities sold short (included in other liabilities on the Master Trust’s statements of net assets) represent obligations of the Master Trust to deliver the specified security and thereby create a liability to purchase the security at prevailing prices. Securities sold short are valued based on the fair value of the securities sold as described above.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Investment Income — Net investment income or loss reflected in the statements of changes in net assets includes the Master Trust's net appreciation/depreciation in fair value of investments, interest income, and dividend income, less administrative expenses. Net appreciation/depreciation in fair value of investments includes both realized and unrealized gains and losses and is calculated as the difference between the fair value of the investments as of the beginning of the year or the purchase date in the current year and either the sales price or the end-of-year fair value. Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Valuation Controls — Management has controls that are designed to ensure that fair value measurements used by the Master Trust are appropriate and reliable, that they are based on observable inputs wherever possible, and that the valuation approaches are consistently applied and the assumptions used are reasonable. The controls consist of a framework that provides for oversight of the fair value methodologies and valuations, as well as validation procedures.

The Board of Directors of the Company has delegated the fiduciary oversight of plan assets over various retirement plans held within the Master Trust structures to the Employee Benefit Investment Committee ("EBIC"). The EBIC has sub-delegated this responsibility to the Chief Investment Officer ("CIO"), who manages Trust Investments and chairs the Valuation Committee. Trust Investments is responsible for the oversight of the Master Trust assets including selection and monitoring of investment managers, asset strategies, and risk management. The Valuation Committee is responsible for the oversight of the valuation practices of the Master Trust and is represented by members of Trust Investments, including risk management and trust operations, public markets, and investment strategy. The Valuation Committee meets at least quarterly with the purpose of fulfilling the following responsibilities and provides an annual review to the EBIC of its findings and actions:

- Review and approve annually the valuation practices, including those used by third parties
- Review and approve the year-end valuations, including the methods used to develop and substantiate the unobservable inputs used in the fair value measurement
- Review analysis and benchmarks used by the Company and the Master Trust to assess the reasonableness of the year-end valuations and changes in fair value measurements from period to period
- Review and approve annual financial statement disclosures of the investments held in the Master Trust

Investments in funds are generally valued using the NAV or its equivalent. This includes partnerships, hedge funds, and other commingled investments. Valuations provided by the funds are reviewed at least quarterly. The asset manager's audited financial statements are used in the Master Trust's annual financial reporting process, where applicable. Assessments of reasonableness include regular asset manager meetings and review of quarterly reports, third-party reviews and reconciliations, which includes escalation to Trust Investments for exceptions, quarterly CIO investment reviews, and reviews of manager valuation policies. Valuation policies are reviewed when a new mandate is entered into with an asset manager, on a rolling three-year basis for existing managers, or as changes to policies are provided by managers.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Corporate bonds, government bonds, mortgage-backed and asset-backed securities, municipal bonds, common and preferred stocks, mutual funds and derivative instruments are generally valued using valuations obtained from pricing vendors. Pricing vendor valuation methodologies and custodian pricing controls and related documentation are assessed for reasonableness on an annual basis. The pricing vendor due diligence process includes reviews of pricing controls and procedures, as well as discussions in order to maintain a current understanding of the valuation processes and related assumptions and inputs that may be used by the vendors to price instruments. The custodian due diligence process includes reviews of pricing controls and procedures that are carried out on the Master Trust's behalf. This includes various levels of tolerance checks on price changes, review of stale or unchanged prices, multiprice source comparisons, and vendor price challenges. Additionally, on a monthly basis, the custodian reconciles its valuations to valuations obtained from each investment manager and any exceptions are reported to Trust Investments for resolution, which may include escalation to the Valuation Committee.

Benefits — Benefits are recorded when paid.

Administrative Expenses — Necessary and proper expenses of the Plans are paid from plan assets, at both the Plan and Master Trust levels.

Subsequent Events — Subsequent events were evaluated through July 24, 2017, the date the financial statements were available to be issued.

3. ACCUMULATED PLAN BENEFITS

Accumulated plan benefits are those future periodic payments, including lump sum distributions that are attributable under the Plans' provisions to service rendered by employees as of the valuation date. Accumulated plan benefits include benefits expected to be paid to (1) retired or terminated vested employees or their beneficiaries, (2) beneficiaries of employees who have died, and (3) present employees or their beneficiaries. The PVAB has been determined by an independent actuary and is the sum of accumulated benefits adjusted to reflect the probability of payment (by means of decrements, such as death, disability, termination, or retirement) and the time value of money (through discounts for interest) between the valuation date and the expected date of payment. The significant actuarial assumptions used in the December 31, 2015 valuations, the latest valuations, were as follows:

Actuarial cost method: Unit Credit

Assumed rate of return: 7.00%

Mortality: RP-2000 separate annuitant and non-annuitant tables with 18-month age setback and generational projected improvements using Scale AA

Average retirement age range: 57 – 62

Cash balance interest indexing rate (applicable to the PVP Plan only): 5.15%

The foregoing actuarial assumptions are based on the presumption that the Plans will continue in operation. If a plan were to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial PVAB.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

3. ACCUMULATED PLAN BENEFITS (CONTINUED)

Assumption changes for the year ended December 31, 2015 include changes in the assumed salary increase rate for service rendered (BCERP Plan), assumed benefit commencement age for deferred participants (BNA Plan), interest rate used for actuarial equivalence for the five-year certain payment option (BSS and BSSB Plans), assumed forms of payment election (BSSB Plan), and assumed termination rates (NCRP Plan). See Note 8 for a description of various plan amendments that impacted the PVAB as of December 31, 2015.

For the BSS Plan, the accumulated contributions of active employees are presented as of the beginning of the plan year. As of December 31, 2015 and 2014, the accumulated contributions of active employees, including interest credited on those contributions, amounted to approximately \$82,000,000 and \$102,000,000, respectively. As of December 31, 2015 and 2014, the rates for which interest was credited on the contributions were 2.11% and 1.90%, respectively.

For the BSSB Plan, the accumulated contributions of active employees are presented as of the beginning of the plan year. As of December 31, 2015 and 2014, the accumulated contributions of active employees, including interest credited on those contributions, amounted to approximately \$15,000,000 and \$18,000,000, respectively. As of December 31, 2015 and 2014, the rates for which interest was credited on the contributions were 2.11% and 1.90%, respectively.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

3. ACCUMULATED PLAN BENEFITS (CONTINUED)

The actuarial PVAB for the Plans as of December 31, 2015, consists of the following:

	The Boeing Company Employee Retirement Plan	Boeing North American Retirement Plan	BSS Retirement Plan	BSS Retirement Plan for Bargained Employees	Employee Retirement Income Plan - Hourly East	Employee Retirement Income Plan - Hourly West	Non-Contributory Retirement Plan	The Pension Value Plan for Employees of The Boeing Company	Total (Memorandum Only)
Actuarial Present Value of Accumulated Benefits									
Vested benefits:									
Participants currently receiving paymen	\$ 8,416,619,924	\$ 2,844,824,012	\$ 965,603,023	\$ 130,279,815	\$ 1,291,556,879	\$ 1,183,862,628	\$ 366,263,694	\$ 14,459,910,155	\$ 29,658,920,130
Other participants	<u>6,742,838,556</u>	<u>324,775,467</u>	<u>527,256,258</u>	<u>103,244,911</u>	<u>232,354,935</u>	<u>353,055,347</u>	<u>163,398,430</u>	<u>12,112,689,512</u>	<u>20,559,613,416</u>
Total vested benefits	15,159,458,480	3,169,599,479	1,492,859,281	233,524,726	1,523,911,814	1,536,917,975	529,662,124	26,572,599,667	50,218,533,546
Nonvested benefits	<u>841,797,034</u>	<u>2,354,066</u>	<u>177,847,384</u>	<u>20,505,802</u>	<u>27,314,880</u>	<u>26,784,394</u>	<u>11,287,558</u>	<u>638,606,134</u>	<u>1,746,497,252</u>
Total actuarial present value of accumulated benefits	\$ 16,001,255,514	\$ 3,171,953,545	\$ 1,670,706,665	\$ 254,030,528	\$ 1,551,226,694	\$ 1,563,702,369	\$ 540,949,682	\$ 27,211,205,801	\$ 51,965,030,798

The changes in actuarial PVAB for the Plans for the year ended December 31, 2015, consist of the following:

	The Boeing Company Employee Retirement Plan	Boeing North American Retirement Plan	BSS Retirement Plan for Bargained Employees	BSS Retirement Plan for Bargained Employees	Employee Retirement Income Plan - Hourly East	Employee Retirement Income Plan - Hourly West	Non-Contributory Retirement Plan	The Pension Value Plan for Employees of The Boeing Company	Total (Memorandum Only)
Actuarial Present Value of Accumulated									
Benefits - Beginning of year	\$ 15,622,337,691	\$ 3,503,065,530	\$ 1,748,404,858	\$ 259,544,016	\$ 1,537,961,657	\$ 1,658,749,353	\$ 520,239,533	\$ 25,871,473,257	50,721,775,895
Increase (decrease) during the period attributable to:									
Additional benefits accumulated	463,919,204	401,014	51,484,614	6,334,619	12,366,896	6,240,295	8,838,210	771,494,399	1,321,079,251
Actuarial (gains)/losses	(85,914,424)	31,795,299	45,533,857	13,459,846	48,074,579	(5,402,556)	13,121,617	56,883,385	117,551,603
Interest due to decrease in the discount perio	1,088,674,079	224,687,763	116,855,381	17,360,259	103,228,138	109,311,976	35,770,951	1,811,907,714	3,507,796,261
Benefits paid	(1,085,906,101)	(587,282,710)	(265,544,959)	(36,364,914)	(151,281,745)	(206,779,980)	(36,749,865)	(1,543,244,453)	(3,913,154,727)
Assumption changes	(1,854,935)	(713,351)	(26,027,086)	(6,303,298)	-	-	(270,764)	-	(35,169,434)
Plan amendments	-	-	-	-	877,169	1,583,281	-	242,691,499	245,151,949
Net increase (decrease)	378,917,823	(331,111,985)	(77,698,193)	(5,513,488)	13,265,037	(95,046,984)	20,710,149	1,339,732,544	1,243,254,903
Actuarial Present Value of Accumulated									
Benefits - End of year	\$ 16,001,255,514	\$ 3,171,953,545	\$ 1,670,706,665	\$ 254,030,528	\$ 1,551,226,694	\$ 1,563,702,369	\$ 540,949,682	\$ 27,211,205,801	51,965,030,798

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

4. MASTER TRUST

The Master Trust facilitates the commingling of employee benefit plan assets for investment and administrative purposes.

Assets are invested in accordance with the Master Trust's investment policy. The Master Trust consists of the Investment Control Pool (the "IC Pool") and four plan-specific pools. The Plans can own a beneficial interest in one or more of the various investment pools. The IC Pool contains the majority of the assets of the participating plans and is diversified among various asset classes. These assets are invested in individual investment accounts, separately held assets, and investments held in various types of funds, all of which are managed in accordance with established investment guidelines. The IC Pool is valued at year end based on the fair value of underlying assets.

The plan-specific pools hold investment contracts established to benefit participants in specific plans. The Aetna PVP Pool is composed of contracts issued by Aetna Life Insurance Company for the benefit of Participants in the PVP Plan. The Aetna Hourly Pool is composed of a contract issued by Aetna Life Insurance Company for the benefit of Participants in the Hourly East Plan. The Aetna BNA Pool (formerly the BNA Contracts Pool) is composed of a contract issued by Aetna Life Insurance Company for the benefit of Participants in the BNA Plan. The Aetna BSS Pool is composed of contracts issued by Aetna Life Insurance Company for the benefit of Participants in the BSS and BSSB Plans. During 2015, the contracts held by the BNA Contracts Pool and issued by the following insurance companies were discontinued – AXA Equitable Life Insurance Company, John Hancock Insurance Company, and Massachusetts Mutual Life Insurance Company.

The Hourly East Plan, Hourly West Plan, and PVP Plan have allocated insurance contracts for certain retirees who were covered under the Hourly East Plan, Hourly West Plan, and PVP Plan in prior years. These contracts remain intact, and no additional contracts have been purchased in the current year. The activity related to the allocated insurance contracts for retirees receiving benefits from these allocated contracts is excluded from the financial statements as well as the related obligation. With limited exceptions, the Hourly East Plan, Hourly West Plan, and PVP Plan receive no income from these allocated insurance contracts.

As of December 31, 2016 and 2015, the assets of the Plans and the Aviall, Inc. Retirement Plan were combined in the Master Trust.

On a daily basis, the Plans may have contributions, withdrawals, asset transfers (in combination with a liability transfer), and/or expense charges. The trustee calculates a market value for each plan for each day of the month. At month-end, these "dollar days" are aggregated to determine a daily dollar-weighted-average market value for each participating plan in the IC Pool for the prior month. This average is then used to allocate to each participating plan its share of realized gains/losses, unrealized appreciation/depreciation, income, and share expenses in the IC Pool in order to arrive at each plan's ending beneficial interest in the IC Pool. All expenses that are plan specific are automatically recorded on that basis. Similarly, the trustee calculates a participating factor in the insurance contract pools, which are associated with specific plan(s). A plan's total participation in the Master Trust is the sum of the beneficial interests it owns in the various pools.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

4. MASTER TRUST (CONTINUED)

The Plans' ownership interests in the Master Trust were as follows as of December 31, 2016 and 2015:

Plan	2016	2015
BCERP Plan	31.4%	31.1%
BNA Plan	6.5%	6.8%
BSS Plan	2.7%	2.9%
BSSB Plan	0.5%	0.4%
Hourly East Plan	2.8%	2.9%
Hourly West Plan	3.5%	3.5%
NCRP Plan	1.1%	1.1%
PVP Plan	51.3%	51.1%

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

4. MASTER TRUST (CONTINUED)

The value of net assets within the Master Trust as of December 31, 2016 and 2015, is as follows:

	<u>2016</u>	<u>2015</u>
ASSETS:		
Investments — at fair value:		
Corporate bonds	\$16,742,210,471	\$ 16,371,128,749
Government bonds	5,921,702,039	5,938,221,002
Mortgage-backed and asset-backed securities	719,235,245	841,340,472
Municipal bonds	1,397,913,544	1,474,893,109
Common and preferred stock	11,571,944,242	11,323,833,451
Mutual funds	396,674,728	361,239,893
Partnerships	5,891,515,161	5,894,088,225
Hedge funds	7,044,307,664	6,944,468,801
Commingled funds	5,480,947,810	5,638,001,407
Short-term investments	921,985,157	963,614,888
Other investments	<u>45,191,909</u>	<u>26,145,190</u>
Total investments — at fair value	<u>56,133,627,970</u>	<u>55,776,975,187</u>
Investments at contract value	<u>64,659,258</u>	<u>74,184,968</u>
Total Master Trust investments	<u>56,198,287,228</u>	<u>55,851,160,155</u>
Cash and cash equivalents	<u>202,827,228</u>	<u>187,782,052</u>
Receivables:		
Accrued investment income	299,294,359	309,713,017
Receivables for securities sold	79,004,987	81,520,539
Securities purchased with an agreement to resell	109,400,000	35,300,000
Other receivables	<u>41,641,812</u>	<u>67,316,230</u>
Total receivables	<u>529,341,158</u>	<u>493,849,786</u>
Total assets	<u>56,930,455,614</u>	<u>56,532,791,993</u>
LIABILITIES:		
Payables for securities purchased	202,230,800	54,582,936
Investment and administrative expenses	29,986,660	32,847,005
Other liabilities	<u>108,236,864</u>	<u>135,238,235</u>
Total liabilities	<u>340,454,324</u>	<u>222,668,176</u>
NET ASSETS	<u>\$56,590,001,290</u>	<u>\$ 56,310,123,817</u>

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. MASTER TRUST (CONTINUED)

Changes in net assets for the Master Trust for the years ended December 31, 2016 and 2015, are as follows:

	<u>2016</u>	<u>2015</u>
ADDITIONS:		
Investment income	\$ 1,439,975,070	\$ 1,464,183,970
Net appreciation in fair value of investments	2,869,392,500	-
Amounts received from participating plans	<u>100,460,122</u>	<u>44,502,265</u>
Total additions	<u>4,409,827,692</u>	<u>1,508,686,235</u>
DEDUCTIONS:		
Net depreciation in fair value of investments	-	(1,881,148,579)
Amounts paid to participating plans	(4,010,459,929)	(4,047,002,244)
Investment and administrative expenses	<u>(119,490,290)</u>	<u>(132,911,529)</u>
Total deductions	<u>(4,129,950,219)</u>	<u>(6,061,062,352)</u>
ASSETS TRANSFERRED OUT TO ANOTHER PLAN	<u>-</u>	<u>(217,369)</u>
ASSETS TRANSFERRED OUT TO INSURANCE CARRIERS	<u>-</u>	<u>(3,449,037)</u>
NET ADDITIONS (DEDUCTIONS)	<u>279,877,473</u>	<u>(4,556,042,523)</u>
NET ASSETS:		
Beginning of year	<u>56,310,123,817</u>	<u>60,866,166,340</u>
End of year	<u>\$ 56,590,001,290</u>	<u>\$ 56,310,123,817</u>

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

4. MASTER TRUST (CONTINUED)

Securities Purchased with an Agreement to Resell — Resale agreements are treated as financing arrangements in receivables and are carried at contract amounts reflective of the amounts at which the securities will be subsequently resold, as specified in the respective agreements. Resale agreements are collateralized by high-quality, fixed-income securities. The Master Trust's policy is to take physical possession or control of the securities purchased under agreements to resell and is permitted by contract to sell or repledge. The Master Trust monitors the market value of the underlying securities as compared to the related receivable, including accrued interest, and requires additional collateral where deemed appropriate. At December 31, 2016 and 2015, the fair value of the securities received as collateral for resale agreements of \$109,400,000 and \$35,300,000 was \$111,228,159 and \$36,044,714, respectively.

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES

Accounting Standards Codification ("ASC") 820, *Fair Value Measurements and Disclosures*, establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 for financial assets and financial liabilities are described below:

Basis of Fair Value Measurement:

Level 1 — Values are based on unadjusted quoted prices in active markets that are accessible at the measurement date for identical and unrestricted assets or liabilities. An active market is a market in which transactions for the asset or liability occur with sufficient frequency and volume to provide pricing information on an ongoing basis.

Level 2 — Values are based on (a) quoted prices for similar assets or liabilities in active markets; (b) quoted prices for identical or similar assets or liabilities in markets that are not active; or (c) valuation models whose inputs are observable, directly or indirectly, for substantially the full term of the asset or liability.

Level 3 — Values are based on prices or valuation techniques that require inputs that are both unobservable and significant to the overall fair value measurement.

Fair value is a market-based measure considered from the perspective of a market participant who owns an asset or owes a liability. Accordingly, when market observable data is not readily available, assumptions are set to reflect those that market participants would be presumed to use in pricing the asset or liability at the measurement date. Prices and inputs are used that are current as of the measurement date, including during periods of market disruption. In periods of market disruption, the ability to observe prices and inputs may be reduced for many instruments. This condition could cause an instrument to be reclassified from Level 1 to Level 2, Level 1 to Level 3, or Level 2 to Level 3.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES (CONTINUED)

The following tables set forth by level within the fair value hierarchy a summary of the Master Trust investments by general types of assets and liabilities measured at fair value on a recurring basis as of December 31, 2016 and 2015. As required by ASC 820, assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement.

	December 31, 2016				
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Not leveled	Total
ASSETS:					
Investments in the fair value hierarchy:					
Corporate bonds	\$ -	\$ 16,735,508,608	\$ 6,701,863	\$ -	\$ 16,742,210,471
Government bonds	-	5,920,035,189	1,666,850	-	5,921,702,039
Mortgage-backed and asset-backed securities	-	378,942,175	340,293,070	-	719,235,245
Municipal bonds	-	1,397,913,544	-	-	1,397,913,544
Common and preferred stock	11,570,111,636	-	1,832,606	-	11,571,944,242
Mutual funds	396,674,728	-	-	-	396,674,728
Partnerships	-	-	30,867	-	30,867
Short-term investments	-	921,985,157	-	-	921,985,157
Other investments	529,425	44,650,203	12,281	-	45,191,909
Total investments in the fair value hierarchy	11,967,315,789	25,399,034,876	350,537,537	-	37,716,888,202
Investments measured at net asset value:					
Partnerships	-	-	-	5,891,484,294	5,891,484,294
Hedge funds	-	-	-	7,044,307,664	7,044,307,664
Commingled funds	-	-	-	5,480,947,810	5,480,947,810
Total investments — at fair value	11,967,315,789	25,399,034,876	350,537,537	18,416,739,768	56,133,627,970
Investments at contract value	-	-	-	64,659,258	64,659,258
Cash and cash equivalents	-	140,452,015	-	62,375,213	202,827,228
Receivables:					
Accrued investment income	-	-	-	299,294,359	299,294,359
Receivables for securities sold	-	-	-	79,004,987	79,004,987
Securities purchased with an agreement to resell	-	109,400,000	-	-	109,400,000
Other receivables	16,172,098	10,220,904	-	15,248,810	41,641,812
Total receivables	16,172,098	119,620,904	-	393,548,156	529,341,158
Total assets	11,983,487,887	25,659,107,795	350,537,537	18,937,322,395	56,930,455,614
LIABILITIES:					
Payables for securities purchased	-	-	-	202,230,800	202,230,800
Investment and administrative expenses	-	-	-	29,986,660	29,986,660
Other liabilities	5,801,269	42,900,185	22,427	59,512,983	108,236,864
Total liabilities	5,801,269	42,900,185	22,427	291,730,443	340,454,324
NET ASSETS	\$ 11,977,686,618	\$ 25,616,207,610	\$ 350,515,110	\$ 18,645,591,952	\$ 56,590,001,290

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES (CONTINUED)

	December 31, 2015				
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Not leveled	Total
ASSETS:					
Investments in the fair value hierarchy:					
Corporate bonds	\$ -	\$ 16,367,163,030	\$ 3,965,719	\$ -	\$ 16,371,128,749
Government bonds	-	5,936,869,902	1,351,100	-	5,938,221,002
Mortgage-backed and asset-backed securities	-	387,186,749	454,153,723	-	841,340,472
Municipal bonds	-	1,474,893,109	-	-	1,474,893,109
Common and preferred stock	11,317,906,088	-	5,927,363	-	11,323,833,451
Mutual funds	361,239,893	-	-	-	361,239,893
Partnerships	-	-	30,867	-	30,867
Short-term investments	-	963,614,888	-	-	963,614,888
Other investments	173,827	25,971,263	100	-	26,145,190
Total investments in the fair value hierarchy	11,679,319,808	25,155,698,941	465,428,872	-	37,300,447,621
Investments measured at net asset value:					
Partnerships	-	-	-	5,894,057,358	5,894,057,358
Hedge funds	-	-	-	6,944,468,801	6,944,468,801
Commingled funds	-	-	-	5,638,001,407	5,638,001,407
Total investments — at fair value	11,679,319,808	25,155,698,941	465,428,872	18,476,527,566	55,776,975,187
Investments at contract value	-	-	-	74,184,968	74,184,968
Cash and cash equivalents	-	126,055,714	-	61,726,338	187,782,052
Receivables:					
Accrued investment income	-	-	-	309,713,017	309,713,017
Receivables for securities sold	-	-	-	81,520,539	81,520,539
Securities purchased with an agreement to resell	-	35,300,000	-	-	35,300,000
Other receivables	15,524,295	14,993,312	-	36,798,623	67,316,230
Total receivables	15,524,295	50,293,312	-	428,032,179	493,849,786
Total assets	11,694,844,103	25,332,047,967	465,428,872	19,040,471,051	56,532,791,993
LIABILITIES:					
Payables for securities purchased	-	-	-	54,582,936	54,582,936
Investment and administrative expenses	-	-	-	32,847,005	32,847,005
Other liabilities	7,103,656	65,085,733	21	63,048,825	135,238,235
Total liabilities	7,103,656	65,085,733	21	150,478,766	222,668,176
NET ASSETS	\$ 11,687,740,447	\$ 25,266,962,234	\$ 465,428,851	\$ 18,889,992,285	\$ 56,310,123,817

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES (CONTINUED)

Total Master Trust financial net assets at fair value classified within Level 3 were \$350,515,110 and \$465,428,851 as of December 31, 2016 and 2015, respectively, which primarily consisted of investments in mortgage-backed and asset-backed securities. Such amounts were 0.62% and 0.83% of net assets as of December 31, 2016 and 2015, respectively.

Level 3 Activity—A summary of changes in the fair value of the Master Trust's Level 3 financial assets and liabilities for the years ended December 31, 2016 and 2015, is as follows:

	January 1, 2016 Beginning Balance	Net Unrealized and Realized Gains (Losses)	Purchases and (Sales), Net	Transfers into Level 3	Transfers out of Level 3	December 31, 2016 Ending Balance
Financial assets:						
Corporate bonds	\$ 3,965,719	\$ 148,050	\$ 5,667,221	\$ 4,449,760	\$ (7,528,887)	\$ 6,701,863
Government bonds	1,351,100	(37,530)	353,280	-	-	1,666,850
Mortgage-backed and asset-backed securities	454,153,723	6,530,410	(101,171,403)	4,499,884	(23,719,544)	340,293,070
Common and preferred stock	5,927,363	(2,614,564)	(1,474,457)	6,895	(12,631)	1,832,606
Partnerships	30,867	-	-	-	-	30,867
Other investments	100	(10,859)	23,040	-	-	12,281
Total assets	465,428,872	4,015,507	(96,602,319)	8,956,539	(31,261,062)	350,537,537
Other liabilities	21	(11,838)	34,244	-	-	22,427
Total net assets	\$ 465,428,851	\$ 4,027,345	\$ (96,636,563)	\$ 8,956,539	\$ (31,261,062)	\$ 350,515,110

	January 1, 2015 Beginning Balance	Net Unrealized and Realized Gains (Losses)	Purchases and (Sales), Net	Transfers into Level 3	Transfers out of Level 3	December 31, 2015 Ending Balance
Financial assets:						
Corporate bonds	\$ 2,245,431	\$ 137,030	\$ 354,646	\$ 1,228,612	\$ -	\$ 3,965,719
Government bonds	-	14,749	1,336,351	-	-	1,351,100
Mortgage-backed and asset-backed securities	614,760,468	(9,295,184)	(154,326,237)	4,167,224	(1,152,548)	454,153,723
Common and preferred stock	4,100,333	(13,810)	(2,235,270)	4,076,110	-	5,927,363
Partnerships	30,867	-	-	-	-	30,867
Other investments	151,676	(2,579,925)	2,428,349	-	-	100
Short-term investments	77,005	(5)	(77,000)	-	-	-
Total assets	621,365,780	(11,737,145)	(152,519,161)	9,471,946	(1,152,548)	465,428,872
Other liabilities	12,440	(23,293)	10,874	-	-	21
Total net assets	\$ 621,353,340	\$ (11,713,852)	\$ (152,530,035)	\$ 9,471,946	\$ (1,152,548)	\$ 465,428,851

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES (CONTINUED)

Transfers Between Levels — The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period.

During 2016, \$4,449,760 of corporate bonds were reclassified from Level 2 to Level 3, as these securities had stale prices. Mortgage-backed and asset-backed securities in the amount of \$4,499,884 were reclassified from Level 2 to Level 3, as their valuations relied on unobservable inputs. In addition, \$6,895 of common and preferred stock were reclassified from Level 1 to Level 3 because these securities were delisted. \$7,528,887 of corporate bonds and \$23,719,544 of mortgage-backed and asset-backed securities were transferred from Level 3 to Level 2, as valuations used observable inputs. Lastly, common and preferred stock in the amount of \$12,631 were classified from Level 3 to Level 1, as the valuations are based on quoted prices in active markets.

During 2015, \$1,228,612 of corporate bonds were reclassified from Level 2 to Level 3, as these securities started receiving a single broker quote or had stale prices. Mortgage-backed and asset-backed securities in the amount of \$4,167,224 were reclassified from Level 2 to Level 3, as their valuations relied on unobservable inputs. Also, \$4,076,110 of common and preferred stock were reclassified from Level 1 to Level 3, because these securities either had a stale price, or were delisted or suspended. In addition, \$1,152,548 of mortgage-backed and asset-backed securities were transferred from Level 3 to Level 2, as valuations used observable inputs.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES (CONTINUED)

Level 3 Quantitative Disclosure — A summary of quantitative data of the Master Trust's Level 3 investment assets for the years ended December 31, 2016 and 2015, is as follows:

2016						
	Level 3 Total	Valuation Technique	Assumptions*	Minimum	Maximum	Weighted Average
Corporate Bonds	\$ 4,717,324		Yield (%)	2.99	5.31	4.11
Mortgage-Backed and Asset-Backed Securities						
Asset-Backed Securities	14,464,177	Matrix Pricing	Yield (%)	1.87	6.92	3.14
			Prepayment Speed (CPR)	—	30.00	7.72
			Default Rate	—	7.00	1.51
			Loss Severity Rate (%)	—	90.00	4.49
Asset-Backed Securities	1,310,391	Matrix Pricing	Yield (%)	2.43	3.09	2.76
			Prepayment Speed (PPM)	100.00	100.00	100.00
			Default Rate	—	25.00	12.31
			Loss Severity Rate (%)	—	90.00	44.33
Auction Rate Securities	10,705,842	Discounted Cash Flow	Yield (%)	3.93	4.75	4.31
			Remaining Term to Maturity	15.14	21.75	18.00
Collateralized Loan Obligations	13,692,714	Matrix Pricing	Yield (%)	2.09	6.61	3.24
			Prepayment Speed (CPR)	30.00	30.00	30.00
			Default Rate	2.00	2.00	2.00
			Loss Severity Rate (%)	50.00	50.00	50.00
Commercial Mortgage-Backed Securities	128,052,263	Matrix Pricing	Yield (%)	1.53	9.08	3.37
			Prepayment Speed (CPY)	—	100.00	6.20
Commercial Mortgage-Backed Securities	1,173,918	Matrix Pricing	Yield (%)	1.13	2.34	1.73
			Prepayment Speed (CPR)	—	100.00	92.65
Commercial Mortgage-Backed Securities (Agency)	197,487	Matrix Pricing	Yield (%)	1.85	1.85	1.85
Residential Mortgage-Backed Securities	124,657,428	Matrix Pricing	Yield (%)	1.23	11.88	3.85
			Prepayment Speed (CPR)	—	30.00	6.60
			Default Rate	—	9.69	4.22
			Loss Severity Rate (%)	—	100.00	62.81
Residential Mortgage-Backed Securities (Agency)	1,044,460	Matrix Pricing	Yield (%)	2.50	3.02	2.71
			Prepayment Speed (CPR)	10.00	10.00	10.00
Residential Mortgage-Backed Securities (Agency)	704,171	Matrix Pricing	Yield (%)	1.12	3.21	2.76
			Prepayment Speed (PSA)	165.00	206.00	173.95
Other	9,532,066	Matrix Pricing	Yield (%)	1.85	4.94	3.02
Total	\$ 310,252,241					

* Valuation techniques for which no unobservable inputs are disclosed generally reflect the use of third-party pricing services or dealers, and the range of unobservable inputs applied by these sources is not readily available or cannot be reasonably estimated.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

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AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES (CONTINUED)

		2015				
	Level 3 Total	Valuation Technique	Assumptions*	Minimum	Maximum	Weighted Average
Corporate Bonds	\$ 373,250		Yield (%)	2.12	4.17	3.57
Mortgage-Backed and Asset-Backed Securities						
Asset-Backed Securities	15,853,412	Matrix Pricing	Yield (%)	1.95	4.79	3.37
			Prepayment Speed (CPR)	2.00	8.00	3.98
			Default Rate	1.50	3.00	1.97
			Loss Severity Rate (%)	1.00	86.50	6.17
Asset-Backed Securities (Agency)	234,121	Matrix Pricing	Yield (%)	1.61	1.61	1.61
			Prepayment Speed	241.00	241.00	241.00
Auction Rate Securities	10,823,189	Discounted Cash Flow	Yield (%)	3.63	4.44	4.08
			Remaining Term to Maturity	15.14	21.75	18.32
Collateralized Loan Obligations	31,955,877	Matrix Pricing	Yield (%)	5.10	7.82	5.80
			Prepayment Speed (CPP)	20.00	20.00	20.00
			Default Rate	2.00	2.00	2.00
			Loss Severity Rate (%)	50.00	50.00	50.00
Commercial Mortgage-Backed Securities	154,486,344	Matrix Pricing	Yield (%)	1.51	7.24	3.46
			Prepayment Speed (CPY)	—	100.00	6.50
Commercial Mortgage-Backed Securities	3,920,626	Matrix Pricing	Yield (%)	1.33	5.59	1.89
			Prepayment Speed (CPR)	—	100.00	60.06
			Default Rate	—	100.00	0.50
			Loss Severity Rate (%)	—	20.00	0.10
Commercial Mortgage-Backed Securities (Agency)	560,713	Matrix Pricing	Yield (%)	1.87	4.02	3.01
Residential Mortgage-Backed Securities	135,283,917	Matrix Pricing	Yield (%)	0.83	16.02	4.03
			Prepayment Speed (CPR)	0.25	23.57	5.56
			Default Rate	0.15	9.69	4.66
			Loss Severity Rate (%)	20.00	100.00	67.28
Residential Mortgage-Backed Securities (Agency)	1,001,144	Matrix Pricing	Yield (%)	2.29	2.56	2.44
			Prepayment Speed (CPR)	10.00	10.00	10.00
Other	7,655,652	Matrix Pricing	Yield (%)	2.46	8.07	3.69
Total	\$ 362,148,245					

* Valuation techniques for which no unobservable inputs are disclosed generally reflect the use of third-party pricing services or dealers, and the range of unobservable inputs applied by these sources is not readily available or cannot be reasonably estimated.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

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AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

5. FAIR VALUE OF FINANCIAL ASSETS AND FINANCIAL LIABILITIES (CONTINUED)

Other Financial Instruments — The Aetna PVP Pool, Aetna Hourly Pool, Aetna BNA Pool, and Aetna BSS Pool identified in Note 4 are valued at contract value in the Master Trust's statements of net assets. The fair value of the investment contracts within these pools is \$67,617,225 and \$76,587,073 as of December 31, 2016 and 2015, respectively. Fair value for each investment contract is calculated by applying a factor determined by the corresponding insurance company to the contract value. Generally, the factor is an adjustment between contract value and market value, based upon predetermined parameters specific to each contract, including, but not limited to, current market yields, period to maturity, expenses, discounted cash flows, benefit payments, and any other applicable payments.

The Master Trust and the Plans also hold other assets and liabilities not measured at fair value on a recurring basis, including cash and cash equivalents, receivables and liabilities. The fair value of these assets and liabilities approximates the carrying amounts in the Master Trust's and the Plans' financial statements due to the short maturity of the instruments.

6. NAV PER SHARE

In accordance with ASC 820, the following is a summary of the Master Trust investments in which the NAV per share of the investment is used to estimate its fair value. The summaries below are categorized by general types of assets as disclosed in the Master Trust's statements of net assets. For each general type of assets utilizing the NAV, the fair value, redemption frequency, and redemption notice period as of December 31, 2016 and 2015 are disclosed.

Commingled Funds — This category includes investments in U.S. and non-U.S. securities held by a CCT, real estate and real asset investments via commingled funds and insurance company pooled separate accounts. Generally, redemptions may occur daily, weekly, semimonthly, monthly or quarterly depending upon the fund. For a majority of the funds, redemption notices may be given daily or up to ten business days in advance, or up to 120 days in advance for one of the commingled funds. If the fund determines that it would be detrimental to the interests of remaining fund investors to pay wholly or in part with cash based on availability of cash for distributions, distributions may also include securities in kind. Additionally, for large withdrawals, the portfolio manager of the fund may require additional time (up to several weeks) to liquidate assets to satisfy the withdrawal requests. Under extraordinary circumstances, some of the funds may temporarily delay distributions or make distributions of securities in kind. For the CCTs with a quarterly redemption frequency, the notice period ranges from 45 to 90 days in advance of quarter-end. These funds are restricted to a redemption queue. A redemption queue is a restriction on withdrawals from a fund due to liquidity restrictions. The fund manager restricts the percentage of the fund that is available for redemption during each redemption period. All investors in the queue will receive an equal portion of the available liquidity. The queue continues until all investor redemption requests are satisfied or the queue is lifted in its entirety.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

6. NAV PER SHARE (CONTINUED)

Redemption Frequency	Redemption Notice Period	As of December 31, 2016		As of December 31, 2015	
		Fair Value	Unfunded Commitments	Fair Value	Unfunded Commitments
Daily	From daily up to ten business days	\$ 2,489,561,616	\$ -	\$ 1,886,604,463	\$ -
Weekly	Ten business days prior to trade date	-	-	53,930,616	-
Semimonthly	Five business days prior to valuation date	-	-	702,158,586	-
Monthly	From three up to 120 days	2,019,143,451	-	2,090,145,661	-
Quarterly	From 45 up to 90 days	972,242,743	-	905,162,081	-
		<u>\$ 5,480,947,810</u>	<u>\$ -</u>	<u>\$ 5,638,001,407</u>	<u>\$ -</u>

Partnerships — This category includes investments in private equities held by limited partnerships that may be in buyout, venture, special situations, distressed debt, or fund-of-fund strategies. This category also includes investments in private real estate (such as office, retail, apartment, and industrial properties) and real assets (such as infrastructure, energy, farmland, and timber) made through limited partnerships. Generally, the investments in limited partnerships do not provide for redemption rights to their investors. As such, the Master Trust must wait until the underlying assets are sold and cash proceeds are distributed. The Master Trust maintains an active portfolio of private equity and real estate/real asset limited partnership investments that are in various stages from start-up to wind-down. The current portfolio of investments is expected to liquidate over a period of up to ten years. The limited partnership investments with quarterly redemption notice periods are restricted to a redemption queue. A redemption queue is a restriction on withdrawals from a fund due to liquidity restrictions. The fund manager restricts the percentage of the fund that is available for redemption during each redemption period. All investors in the queue will receive an equal portion of the available liquidity. The queue continues until all investor redemption requests are satisfied or the queue is lifted in its entirety.

Redemption Frequency	Redemption Notice Period	As of December 31, 2016		As of December 31, 2015	
		Fair Value	Unfunded Commitments	Fair Value	Unfunded Commitments
Monthly	Five days	\$ 320,190,541	\$ -	\$ 310,733,053	\$ -
Quarterly	From 45 up to 60 days before quarter end	680,417,687	-	1,021,482,986	-
Liquidate over the next ten years	See narrative	<u>4,890,876,066</u>	<u>2,819,876,971</u>	<u>4,561,841,319</u>	<u>2,526,823,107</u>
		<u>\$ 5,891,484,294</u>	<u>\$ 2,819,876,971</u>	<u>\$ 5,894,057,358</u>	<u>\$ 2,526,823,107</u>

Hedge Funds — This category includes investments in hedge funds. Common hedge fund strategies include event-driven, relative value, long-short, and market neutral. Types of hedge fund investments may include direct investments in various hedge funds and investments through fund-of-fund vehicles. The fund-of-fund vehicles are used for the purpose of making investments in a diverse portfolio of hedge funds, while the direct investments allow for larger targeted investments without the additional fund-of-fund fee structure.

Each hedge fund has its own redemption rights and distribution process specified in the fund prospectus. Redemption is generally allowed subject to liquidity and certain restrictions. These restrictions generally include fund-level gates and lockup periods. A “gate” provision allows a hedge fund manager to limit the amount of withdrawals on any withdrawal date to not more than a stated percentage of a fund’s net assets — often 10% to 25%, depending on how frequently investors have a right to withdraw capital. A “lock-up” provision restricts an investor’s ability to withdraw capital from

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

6. NAV PER SHARE (CONTINUED)

a hedge fund for some stated period of time. It is common for hedge funds to lock-up an investor's investments for one or two years. As of December 31, 2016, the lock-up restriction will lapse in six months up to 36 months, depending on each individual fund's contractual terms.

Redemption Frequency	Redemption Notice Period	As of December 31, 2016		As of December 31, 2015	
		Fair Value	Unfunded Commitments	Fair Value	Unfunded Commitments
Monthly	Up to 93 days	\$ 3,283,662,803	\$ -	\$ 3,203,935,926	\$ -
Quarterly	From 45 up to 180 days	2,085,703,262	62,684,000	2,097,134,027	150,000,000
Semiannually	From 45 up to 95 days	698,100,182	-	643,415,837	-
Annually	From 45 up to 90 days	441,625,227	-	306,130,861	-
Two years	From 45 up to 90 days	255,849,706	-	247,631,011	-
Three years	From 45 up to 95 days	268,259,541	-	323,131,154	-
In liquidation	Not applicable	11,106,943	-	123,089,985	-
		<u>\$ 7,044,307,664</u>	<u>\$ 62,684,000</u>	<u>\$ 6,944,468,801</u>	<u>\$ 150,000,000</u>

7. DERIVATIVE FINANCIAL INSTRUMENTS

ASC 815, *Derivatives and Hedging*, requires disclosures on how and why derivatives are used, accounted for, and affect the results of operations and financial position. Derivative instruments held by the Master Trust are not designated as hedging instruments under ASC 815. The Master Trust is exposed to the following financial instruments risk:

Interest Rate Risk — Interest rate risk is the risk of change in the market value of the assets due to a change in interest rates. Bond futures, interest rate swaps, and interest rate swaptions are generally used to manage interest rate risk or adjust portfolio duration.

A futures contract is an agreement between two parties to buy and sell a financial instrument at a set price on a future date.

Interest rate swap agreements involve the exchange by the Master Trust, with a counterparty, of respective commitments to pay or receive interest, e.g., an exchange of floating rate payments for fixed rate payments, with respect to the notional amount of principal.

Interest rate swaptions are options to enter into an interest rate swap based on predetermined conditions.

Credit Risk — Credit risk is the risk of change in the market value of assets due to the change in creditworthiness of the underlying issuer. Credit default swaps are used to manage the credit exposure of a security or basket of securities.

Credit default swap agreements involve one party (referred to as the buyer of protection) making a stream of payments to another party (the seller of protection) in exchange for the right to receive a specified return in the event of a default or other credit event for the referenced entity, obligation, or index.

Foreign Currency Risk — Currency risk is the risk of a change in market value due to the change in foreign currency exchange rates. Generally, currency futures and forward contracts are used to achieve the desired currency exposure, or generate value-added performance.

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NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

7. DERIVATIVE FINANCIAL INSTRUMENTS (CONTINUED)

Foreign currency futures and forwards are agreements between two parties to buy and sell a set of currencies at a set exchange rate on a specified future date.

A currency option gives the buyer the right, but not the obligation, to buy one currency or sell another currency at a set exchange rate on or before a given date.

Equity Risk — Equity risk is the risk of a change in market value of assets due to the change in equity or equity index prices. Equity futures are generally used to manage the market exposure of a security or index, or rebalance the total portfolio to the target asset allocation. An equity futures contract is an agreement between two parties to buy and sell a financial instrument at a set price on a future date.

Commodity Risk — Commodity risk is the risk of change in the market value of the underlying commodity due to a change in the price of the commodity. Commodity futures, swaps, and options are generally used to achieve the desired market exposure to commodities. A futures contract is an agreement between two parties to buy and sell a commodity at a set price on a future date. Commodity swaps are agreements involving the exchange by the Master Trust, with a counterparty, of respective commitments to pay or receive cash flows, e.g., an exchange of payments based on the price movement for the commodity, with respect to the notional amount of principal. Commodity options give the buyer the right, but not the obligation, to buy one commodity or sell another commodity at a set price on or before a given date.

Future Settlement Risk — Future settlement risk is the risk of counterparty nonperformance resulting in not receiving the asset or associated gains specified in the contract. Gains are derived from the change in market value of the contract due to a change in price of the underlying security.

Mortgage TBAs are used to manage the market exposure of a security or asset class. A TBA is a contract for the purchase or sale of agency mortgage-backed securities to be delivered at a future agreed-upon date.

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NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

7. DERIVATIVE FINANCIAL INSTRUMENTS (CONTINUED)

As of December 31, 2016 and 2015, the Master Trust has invested in derivative contracts, which are reflected in the Master Trust's statements of net assets as follows:

2016	Interest Rate	Credit	Foreign Currency	Equity	Commodity	Future Settlement	Total
Assets:							
Other investments:							
Options	\$ 12,915,653	\$ -	\$ 341,557	\$ -	\$ 541,706	\$ -	\$ 13,798,916
Swaps	10,229,637	19,042,180	-	-	2,121,176	-	31,392,993
Other receivables:							
Forward contracts	-	-	9,661,254	-	-	-	9,661,254
Futures	14,824,433	-	-	-	1,347,665	-	16,172,098
Treasury forwards and TBAs	-	-	-	-	-	559,650	559,650
Total assets	<u>\$ 37,969,723</u>	<u>\$ 19,042,180</u>	<u>\$ 10,002,811</u>	<u>\$ -</u>	<u>\$ 4,010,547</u>	<u>\$ 559,650</u>	<u>\$ 71,584,911</u>
Liabilities:							
Other liabilities:							
Forward contracts	\$ -	\$ -	\$ 11,401,613	\$ -	\$ -	\$ -	\$ 11,401,613
Futures	2,335,449	-	-	1,407,268	1,602,730	-	5,345,447
Options	16,189,100	2,619	1,149	-	428,420	-	16,621,288
Swaps	3,069,155	9,784,347	-	-	339,227	-	13,192,729
Treasury forwards and TBAs	-	-	-	-	-	2,162,804	2,162,804
Total liabilities	<u>\$ 21,593,704</u>	<u>\$ 9,786,966</u>	<u>\$ 11,402,762</u>	<u>\$ 1,407,268</u>	<u>\$ 2,370,377</u>	<u>\$ 2,162,804</u>	<u>\$ 48,723,881</u>
2015							
	Interest Rate	Credit	Foreign Currency	Equity	Commodity	Future Settlement	Total
Assets:							
Other investments:							
Options	\$ 1,032,939	\$ 60,965	\$ 95,776	\$ -	\$ 192,260	\$ -	\$ 1,381,940
Swaps	2,799,233	19,616,757	34,675	-	2,312,585	-	24,763,250
Other receivables:							
Forward contracts	-	-	14,963,168	-	-	-	14,963,168
Futures	12,087,815	-	-	-	3,436,480	-	15,524,295
Treasury forwards and TBAs	-	-	-	-	-	30,144	30,144
Total assets	<u>\$ 15,919,987</u>	<u>\$ 19,677,722</u>	<u>\$ 15,093,619</u>	<u>\$ -</u>	<u>\$ 5,941,325</u>	<u>\$ 30,144</u>	<u>\$ 56,662,797</u>
Liabilities:							
Other liabilities:							
Forward contracts	\$ -	\$ -	\$ 6,533,594	\$ -	\$ -	\$ -	\$ 6,533,594
Futures	2,094,527	-	-	3,008,727	1,821,894	-	6,925,148
Options	770,519	695,683	214,837	-	178,528	-	1,859,567
Swaps	16,098,700	39,897,474	-	-	595,506	-	56,591,680
Treasury forwards and TBAs	-	-	-	-	-	279,421	279,421
Total liabilities	<u>\$ 18,963,746</u>	<u>\$ 40,593,157</u>	<u>\$ 6,748,431</u>	<u>\$ 3,008,727</u>	<u>\$ 2,595,928</u>	<u>\$ 279,421</u>	<u>\$ 72,189,410</u>

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7. DERIVATIVE FINANCIAL INSTRUMENTS (CONTINUED)

Realized gains and losses and the change in unrealized gains and losses are reflected in the Master Trust's statements of changes in net assets as net appreciation or depreciation in the fair value of investments. The effects of derivative contracts realized gains and losses and the change in unrealized gains and losses for the years ended December 31, 2016 and 2015, are reflected in the following tables:

2016	Interest Rate	Credit	Foreign Currency	Equity	Commodity	Future Settlement	Total
Net gains (losses):							
Forward contracts	\$ -	\$ -	\$ 9,838,507	\$ -	\$ -	\$ -	\$ 9,838,507
Futures	(3,830,351)	-	2,291,131	117,015,072	70,142,105	-	185,617,957
Options	7,365,566	4,342,248	470,069	-	847,971	-	13,025,854
Swaps	(8,799,139)	16,388,047	(27,662)	-	426,632	-	7,987,878
Treasury forwards and TBAs	-	-	-	-	-	(359,682)	(359,682)
Total net gains and losses	<u>\$ (5,263,924)</u>	<u>\$ 20,730,295</u>	<u>\$ 12,572,045</u>	<u>\$ 117,015,072</u>	<u>\$ 71,416,708</u>	<u>\$ (359,682)</u>	<u>\$ 216,110,514</u>

2015	Interest Rate	Credit	Foreign Currency	Equity	Commodity	Future Settlement	Total
Net gains (losses):							
Forward contracts	\$ -	\$ -	\$ 21,978,509	\$ -	\$ -	\$ -	\$ 21,978,509
Futures	(43,673,614)	-	403,972	152,773,981	(180,351,249)	-	(70,846,910)
Options	291,415	4,023,404	(470,820)	43,283	287,644	-	4,174,926
Swaps	(11,481,599)	(30,201,476)	(126,608)	-	(20,901,684)	-	(62,711,367)
Treasury forwards and TBAs	-	-	-	-	-	1,560,076	1,560,076
Total net gains and losses	<u>\$ (54,863,798)</u>	<u>\$ (26,178,072)</u>	<u>\$ 21,785,053</u>	<u>\$ 152,817,264</u>	<u>\$ (200,965,289)</u>	<u>\$ 1,560,076</u>	<u>\$ (105,844,766)</u>

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NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

7. DERIVATIVE FINANCIAL INSTRUMENTS (CONTINUED)

The following tables summarize the gross notional value of derivative contracts outstanding as of December 31, 2016 and 2015. The gross notional amounts give an indication of the volume of the Master Trust's derivative activities and significantly exceed the fair value of the derivative investments, which is more representative of the economic exposure associated with derivatives in the Master Trust.

2016	Interest Rate	Credit	Foreign Currency	Equity	Commodities	Future Settlement	Total
Forward Contracts	\$ -	\$ -	\$ 1,151,927,000	\$ -	\$ -	\$ -	\$ 1,151,927,000
Futures	4,966,459,629	-	375,733,020	2,106,552,002	885,365,529	-	8,334,110,180
Options	882,521,900	26,531,874	9,127,009	-	2,804,087	-	920,984,870
Swaps	480,528,262	1,281,154,133	-	-	180,255,040	-	1,941,937,435
Treasury Forward and TBAs	-	-	-	-	-	349,289,503	349,289,503
	<u>\$ 6,329,509,791</u>	<u>\$ 1,307,686,007</u>	<u>\$ 1,536,787,029</u>	<u>\$ 2,106,552,002</u>	<u>\$ 1,068,424,656</u>	<u>\$ 349,289,503</u>	<u>\$ 12,698,248,988</u>

2015	Interest Rate	Credit	Foreign Currency	Equity	Commodities	Future Settlement	Total
Forward Contracts	\$ -	\$ -	\$ 1,260,834,000	\$ -	\$ -	\$ -	\$ 1,260,834,000
Futures	5,431,489,431	-	58,350,674	2,293,035,552	729,626,860	-	8,512,502,517
Options	592,843,150	391,871,145	34,188,330	-	7,651,700	-	1,026,554,325
Swaps	1,182,760,437	2,377,620,483	5,587,858	-	187,186,612	-	3,753,155,390
Treasury Forward and TBAs	-	-	-	-	-	134,854,285	134,854,285
	<u>\$ 7,207,093,018</u>	<u>\$ 2,769,491,628</u>	<u>\$ 1,358,960,862</u>	<u>\$ 2,293,035,552</u>	<u>\$ 924,465,172</u>	<u>\$ 134,854,285</u>	<u>\$ 14,687,900,517</u>

Derivatives are generally used to manage the market exposure of a security, index or currency, or adjust the portfolio duration. Derivative contracts are instruments that derive their value from underlying assets, indices, reference interest rates, or a combination of these factors. Refer to Note 2 for further description of how derivative instruments are valued. Certain cash instruments, such as mortgage-backed TBAs, meet the definition of a derivative instrument under U.S. GAAP.

The nature of the counterparty and the settlement mechanism of the derivative affect the credit risk to which the Master Trust is exposed. For OTC derivatives such as swaps, forwards, options and TBAs, the Master Trust is exposed to the credit risk of the derivative counterparty.

For exchange-traded derivatives, such as futures and options, and "cleared" OTC swaps, the Master Trust is generally exposed to the credit risk of the relevant exchange or clearinghouse. Where possible, the Master Trust seeks to mitigate its credit risk exposures arising on derivatives transactions through the use of legally enforceable master netting arrangements and collateral agreements.

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AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

7. DERIVATIVE FINANCIAL INSTRUMENTS (CONTINUED)

The Master Trust is also exposed to liquidity risk in the following situations:

- 1) When the derivative contracts require the Master Trust to post additional cash or securities collateral with counterparties as the fair value of the contracts moves in the counterparties' favor and the Master Trust's receivables under related contracts are unavailable for offset or insufficient in value to offset the payment obligation to the counterparty.
- 2) When certain derivative contracts have credit-related contingent features under the International Swaps and Derivatives Association Master Agreement (generally swaps) with counterparties for contracts in a net liability position.

The Master Trust has liquidity risk if its assets decline by various, pre-specified rates over predetermined time periods. If this occurs, the Master Trust is required to post more collateral or may be required to pay off the open liability contracts given the counterparty's right to terminate the contract. At December 31, 2016 and 2015, the Master Trust had a fair value of \$20,037,040 and \$30,845,562, respectively, in contracts in a net liability position with contingent features; \$5,962,409 and \$20,291,389, respectively, were posted in collateral against those positions. There were no additional collateral required to be posted in the event that a contingent event had occurred at December 31, 2016. At December 31, 2015, \$1,494,590 in additional collateral would have been required to be posted in the event that a contingent event had occurred. Certain derivatives contracts also provide for the right to terminate the contract if a contingent event occurs. At December 31, 2016 and 2015, these terminations would have required the Master Trust to settle trades with a fair value of \$19,078,885 and \$20,337,912, respectively.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

8. PLAN AMENDMENTS

BCERP Plan:

The following amendment was reflected in the actuarial PVAB as of December 31, 2015:

- Effective August 25, 2015, the BCERP Plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible participants must have terminated employment with the Company controlled group under the BCERP Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. Benefits paid pursuant to this offer approximated \$167 million during the year ended December 31, 2015.

The following amendments did not have an impact on the PVAB:

- Effective January 1, 2016, the BCERP Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.
- Effective February 12, 2016, the BCERP Plan was amended to include lump sum awards in the calculation of “final average monthly earnings.”
- Effective December 31, 2016, pension benefits under the BCERP Plan were frozen for Participants represented by International Union of Operating Engineers (“IUOE”), Local 286W (“IUOE 286W”). In addition, benefits under the BCERP Plan were fully vested for eligible Participants represented by IUOE 286W.
- Effective December 31, 2016, the BCERP Plan was closed to new Participants represented by IUOE 286W.
- Effective December 31, 2018, credited service accruals under the BCERP Plan will be frozen for Participants represented by Society of Professional Engineering Employees in Aerospace (“SPEEA”). In addition, benefits under the BCERP Plan will be fully vested for eligible Participants represented by SPEEA.

The following amendments had no impact on the December 31, 2015 PVAB, but will have a future impact on the PVAB. The impact is not determined to be significant to the PVAB unless noted.

- Effective January 28, 2016, the BCERP Plan was amended for Participants represented by International Association of Machinists and Aerospace Workers (“IAM&AW”) 751, 70 and W24 under the voluntary layoff benefit program. A benefit rate increase and enhanced early retirement benefits were offered effective October 1, 2016.
- Effective December 1, 2016, the BCERP Plan was amended to change the benefits for eligible Participants represented by IUOE 286W, including the following:
 - Increase the monthly pension benefit rate
 - Add two additional years of credited service

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

8. PLAN AMENDMENTS (CONTINUED)

o Provide enhanced early retirement reduction factors.

- Effective January 1, 2017, the BCERP Plan was amended to add an ongoing terminated vested lump sum distribution option to eligible Participants represented by IUOE 286W.
- Effective January 1, 2017, the BCERP Plan was amended to provide an ongoing terminated vested lump sum distribution option to Participants who last accrued credited service under the BCERP Plan while represented by either SPEEA Professional or Technical Bargaining Units or an inactive SPEEA bargaining unit.
- Effective January 1, 2017, the BCERP Plan was amended to increase the monthly pension benefit rate for eligible Participants represented by SPEEA.
- Effective January 1, 2017, the BCERP Plan was amended to add an ongoing terminated vested lump sum distribution option to eligible Participants represented by SPEEA. It is estimated that this amendment will have an increase of approximately \$450,000,000 on the actuarial PVAB.

BNA Plan:

The following amendment was reflected in the actuarial PVAB as of December 31, 2015:

- Effective August 25, 2015, the BNA Plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible Participants must have terminated employment with the Company controlled group under the BNA Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. Benefits paid pursuant to this offer were approximately \$185 million during the year ended December 31, 2015.

The following amendment did not have an impact on the PVAB:

- Effective January 1, 2016, the BNA Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.

BSS Plan:

The following amendment was reflected in the actuarial PVAB as of December 31, 2015.

- Effective August 25, 2015, the BSS Plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible Participants must have terminated employment with the Company controlled group under the BSS Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. Benefits paid pursuant to this offer were approximately \$14 million during the year ended December 31, 2015.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

8. PLAN AMENDMENTS (CONTINUED)

The following amendment did not have an impact on the PVAB:

- Effective January 1, 2016, the BSS Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.

BSSB Plan:

The following amendment was reflected in the actuarial PVAB as of December 31, 2015.

- Effective August 25, 2015, the BSSB Plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible Participants must have terminated employment with the Company controlled group under the BSSB Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. Benefits paid pursuant to this offer were approximately \$3 million during the year ended December 31, 2015.

The following amendment did not have an impact on the PVAB:

- Effective January 1, 2016, the BSSB Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.

Hourly East Plan:

The following amendment was reflected in the actuarial PVAB as of December 31, 2015:

- Effective August 25, 2015, the Hourly East Plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible Participants must have terminated employment with the Company controlled group under the Hourly East Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. Benefits paid pursuant to this offer were approximately \$30 million during the year ended December 31, 2015.
- Effective December 31, 2015, the Hourly East Plan was amended to increase the monthly pension benefit rate for eligible non-represented Participants.

The following amendments did not have an impact on the PVAB:

- Effective January 1, 2016, the Hourly East Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.
- Effective February 1, 2016, benefits under the Hourly East Plan were fully vested for eligible Participants represented by International Brotherhood of Teamsters, Local No. 610 ("IBT 610").

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

8. PLAN AMENDMENTS (CONTINUED)

- Effective December 31, 2016, pension benefits under the Hourly East Plan were frozen for Participants represented by IBT 610.
- Effective December 31, 2016, the Hourly East Plan was amended to eliminate the suspension of benefits rules for rehired Participants represented by IBT 610.

The following amendment had no impact on the December 31, 2015 PVAB, but will have a future impact on the PVAB. The impact is not determined to be significant to the PVAB unless noted.

- Effective February 1, 2016, the Hourly East Plan was amended to increase the monthly pension benefit rate for eligible Participants represented by IBT 610.

Hourly West Plan:

The following amendments were reflected in the actuarial PVAB as of December 31, 2015:

- Effective August 25, 2015, the Hourly West Plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible Participants must have terminated employment with the Company controlled group under the Hourly West Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. Benefits paid pursuant to this offer were approximately \$85 million during the year ended December 31, 2015.
- Effective September 1, 2015 and December 1, 2015, the Hourly West Plan was amended to increase the monthly pension benefit rates for Participants represented by International Association of Firefighters, Local I-66 and IUOE 501W, respectively.
- Effective December 31, 2015, the Hourly West Plan was amended to increase the monthly pension benefit rate for eligible non-represented Participants.

The following amendments did not have an impact on the PVAB:

- Effective January 1, 2016, the Hourly West Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.
- Effective December 31, 2017, pension benefits under the Hourly West Plan will be frozen for Participants represented by International Association of Machinists and Aerospace Workers, AFL-CIO, Aeronautical Industrial Lodge Local 725 ("IAM 725"). In addition, benefits under the Hourly West Plan will be fully vested for eligible Participants represented by IAM 725.
- Effective December 31, 2017, the Hourly West Plan was amended to eliminate the suspension of benefits rules for rehired Participants represented by IAM 725.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

8. PLAN AMENDMENTS (CONTINUED)

The following amendment had no impact on the December 31, 2015 PVAB, but will have a future impact on the PVAB. The impact is not determined to be significant to the PVAB unless noted.

- Effective September 1, 2016, the Hourly West Plan was amended to increase the monthly pension benefit rate for eligible Participants represented by IAM 725.

NCRP Plan:

The following amendment was reflected in the actuarial PVAB as of December 31, 2015:

- Effective August 25, 2015, the NCRP plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible Participants must have terminated employment with the Company controlled group under the NCRP Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. Benefits paid pursuant to this offer were approximately \$2 million during the year ended December 31, 2015.

The following amendment did not have an impact on the PVAB:

- Effective January 1, 2016, the NCRP Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.

PVP Plan:

The following amendments were reflected in the actuarial PVAB as of December 31, 2015:

- Effective August 25, 2015, the PVP Plan was amended to offer a voluntary lump sum cash-out (or immediate annuity) payable as of November 1, 2015. Eligible Participants must have terminated employment with the Company controlled group under the PVP Plan prior to January 1, 2015, and must not have commenced their benefit prior to November 1, 2015. The existing provision on small benefit cash-outs was removed effective December 2, 2015. Benefits paid pursuant to this offer were approximately \$156 million during the year ended December 31, 2015.
- Effective December 31, 2015, the PVP Plan was amended to increase the monthly minimum benefit rate for Participants other than those represented by SPEEA Professional or Technical units at the time they retire or otherwise terminate employment.
- Effective January 1, 2016, the PVP Plan was amended to comply with final Treasury regulations affecting cash balance plans. These changes included a reduction of the PVP Plan's minimum interest crediting rate applied to Participants' hypothetical accounts from 5.25% to 5%.
- Effective January 1, 2016, the PVP Plan clarified the eligibility rules for rehired Participants for periods after the January 1, 2009 PVP Plan closure. In addition, an eligible Participant who was rehired during 2015 was deemed to satisfy the PVP Plan's one year waiting period as of December 31, 2015, notwithstanding the PVP Plan's freeze on that date.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

8. PLAN AMENDMENTS (CONTINUED)

- Effective April 1, 2016, the PVP Plan was amended to add an ongoing terminated vested lump sum distribution option to all eligible Participants.

The following amendment did not have an impact on the PVAB:

- Effective January 1, 2016, the PVP Plan was amended to allow automatic lump sum cash-out of small benefit amounts when the single lump sum value of the benefits payable is \$5,000 or less to eligible Participants and other payees.

The following amendments had no impact on the December 31, 2015 PVAB, but will have a future impact on the PVAB. The impact is not determined to be significant to the PVAB unless noted.

- Effective January 1, 2016, the PVP Plan was amended to increase the monthly pension benefit rate for eligible Participants represented by SPEEA.
- Effective March 4, 2016, the PVP Plan was amended to increase the Heritage Benefits for eligible Participants represented by SPEEA.

9. RELATED PARTY AND PARTY-IN-INTEREST TRANSACTIONS

Certain Master Trust investments are managed by JPM. JPM is the trustee for the Plans, and therefore, these transactions qualify as party-in-interest transactions. The investment management fees to JPM for the Plans are paid at the Master Trust level.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

10. NONEXEMPT PARTY-IN-INTEREST TRANSACTIONS

Certain reportable nonexempt party-in-interest transactions existed. The Plans were corrected according to the guiding principles of the Department of Labor's ("DOL") Voluntary Fiduciary Correction Program ("VFCP"), which involved remitting the total principal and associated lost earnings to the Plans. The table below details the principal amounts of the prohibited transactions ("PT") for each Plan.

Date PT Occurred	Date PT Corrected	Description of PT	BCERP Plan	BNA Plan	BSS Plan	BSSB Plan	Hourly East Plan	Hourly West Plan	NCRP Plan	PVP Plan
February 24, 2014	February 12, 2015 April 3, 2015	Plan assets were inadvertently received by the Plan Sponsor	\$5,534	\$1,285	\$545	\$84	\$509	\$644	\$188	\$8,999
November 28, 2014	January 16, 2015	Delinquent employee contributions	N/A	N/A	\$1,908	\$20,018	N/A	N/A	N/A	N/A
February 25, 2015	December 17, 2015	Plan assets were inadvertently used to make an overpayment to a third-party provider	N/A	N/A	\$798	\$798	N/A	N/A	\$798	N/A
December 18, 2015	January 8, 2016	Plan assets were inadvertently used to pay expenses that should not have been paid by the Plan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$22,944
February 13, 2014	February 20, 2014 February 21, 2014 May 6, 2016	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$54,809	\$ 13,724	\$5,788	\$ 884	\$5,160	\$6,256	\$1,918	\$93,001
September 17, 2015	September 22, 2015 May 6, 2016	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$18,615	\$ 4,231	\$1,785	\$ 271	\$1,740	\$2,157	\$ 630	\$30,426
April 1, 2015 through December 18, 2015	July 8, 2016	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 943	\$ 198	\$ 82	\$ 13	\$ 86	\$ 105	\$ 32	\$ 1,545
April 18, 2016	June 27, 2016 July 27, 2016	Plan assets were inadvertently received by the Plan Sponsor	\$30,821	\$ 6,510	\$2,707	\$ 419	\$2,805	\$3,426	\$1,042	\$50,512
June 9, 2016	June 22, 2016 July 27, 2016	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 4,787	\$ 1,011	\$ 420	\$ 65	\$ 436	\$ 532	\$ 162	\$ 7,845
March 29, 2016 through June 22, 2016	April 15, 2016 through August 29, 2016	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$12,777	\$ 2,678	\$1,098	\$ 171	\$1,159	\$1,418	\$ 431	\$20,901
June 9, 2016	June 22, 2016 August 29, 2016	Plan assets were inadvertently used to make an overpayment to a third-party provider	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 301
December 9, 2016	December 23, 2016 February 1, 2017	Plan assets were inadvertently used to make an overpayment to a third-party provider	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 20
October 4, 2016 through January 31, 2017	March 17, 2017	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 2,863	\$ 589	\$ 239	\$ 40	\$ 257	\$ 318	\$ 97	\$ 4,671
January 2, 2015 through April 13, 2016	April 19, 2017	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 52	\$ 11	\$ 4	\$ 1	\$ 5	\$ 6	\$ 2	\$ 86

Items not applicable are indicated as N/A.

THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS

NOTES TO FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

11. TAX STATUS

The Internal Revenue Service (“IRS”) determined and informed the Company by letters dated March 6, 2015 (for the BCERP, BNA, BSSB, Hourly East, and Hourly West Plans), May 7, 2015 (for the NCRP Plan), May 11, 2015 (for the PVP Plan) and June 9, 2015 (for the BSS Plan) that the Plans and related trust are designed in accordance with applicable sections of the Internal Revenue Code (“IRC”). Certain Plans have been amended since receiving their determination letters. The Plans’ administrator believes that the Plans are designed and are currently being operated in compliance with the applicable requirements of the IRC. Therefore, the Plans’ administrator believes the Plans’ tax-exempt status has not been affected, and no provision for income taxes has been included in the Plans’ financial statements.

The Boeing Company Employee Retirement Plan
Employer Identification Number: 91-0425694
Plan Number: 001

FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 54,809	\$ 54,844	\$ 35
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 18,615	\$ 18,623	\$ 8
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 943	\$ 967	\$ 24
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 4,787	\$ 4,794	\$ 7
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 30,821	\$ 31,059	\$ 238
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 12,777	\$ 12,923	\$ 146
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 2,863	\$ 2,901	\$ 38
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 52	\$ 56	\$ 4

Boeing North American Retirement Plan
Employer Identification Number: 91-0425694
Plan Number: 048

FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 13,724	\$ 13,732	\$ 8
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 4,231	\$ 4,233	\$ 2
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 198	\$ 203	\$ 5
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1,011	\$ 1,012	\$ 1
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 6,510	\$ 6,560	\$ 50
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 2,678	\$ 2,709	\$ 31
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 589	\$ 597	\$ 8
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 11	\$ 11	\$ -

BSS American Retirement Plan
Employer Identification Number: 91-0425694
Plan Number: 060

FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 5,788	\$ 5,791	\$ 3
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1,785	\$ 1,786	\$ 1
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 82	\$ 84	\$ 2
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 420	\$ 420	\$ -
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 2,707	\$ 2,728	\$ 21
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1,098	\$ 1,111	\$ 13
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 239	\$ 242	\$ 3
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 4	\$ 4	\$ -

BSSB American Retirement Plan for Bargained Employees**Employer Identification Number: 91-0425694****Plan Number: 061****FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016**

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 884	\$ 885	\$ 1
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 271	\$ 272	\$ 1
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 13	\$ 13	\$ -
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 65	\$ 65	\$ -
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 419	\$ 422	\$ 3
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 171	\$ 173	\$ 2
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 40	\$ 40	\$ -
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1	\$ 1	\$ -

Employee Retirement Income Plan – Hourly East
Employer Identification Number: 91-0425694
Plan Number: 103

FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 5,160	\$ 5,163	\$ 3
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1,740	\$ 1,741	\$ 1
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 86	\$ 88	\$ 2
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 436	\$ 436	\$ -
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 2,805	\$ 2,827	\$ 22
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1,159	\$ 1,172	\$ 13
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 257	\$ 260	\$ 3
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 5	\$ 5	\$ -

Employee Retirement Income Plan – Hourly West
Employer Identification Number: 91-0425694
Plan Number: 102

FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 6,256	\$ 6,260	\$ 4
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 2,157	\$ 2,158	\$ 1
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 105	\$ 108	\$ 3
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 532	\$ 532	\$ -
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 3,426	\$ 3,452	\$ 26
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1,418	\$ 1,434	\$ 16
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 318	\$ 322	\$ 4
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 6	\$ 6	\$ -

Non-Contributory Retirement Plan
Employer Identification Number: 91-0425694
Plan Number: 005

FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 1,918	\$ 1,919	\$ 1
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 630	\$ 631	\$ 1
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 32	\$ 32	\$ -
Drinker Biddle Reath LL	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 162	\$ 162	\$ -
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 1,042	\$ 1,050	\$ 8
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 431	\$ 436	\$ 5
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 97	\$ 98	\$ 1
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 2	\$ 2	\$ -

The Pension Value Plan for Employees of The Boeing Company
Employer Identification Number: 91-0425694
Plan Number: 100

FORM 5500, SCHEDULE G, PART III – SCHEDULE OF NONEXEMPT TRANSACTIONS
FOR THE YEAR ENDED DECEMBER 31, 2016

<u>Party Involved</u>	<u>Relationship to Plan</u>	<u>Description of Transaction</u>	<u>Cost of Asset</u>	<u>Current Value of Asset</u>	<u>Net Gain on Each Transaction</u>
AYCO	Service Provider	Plan assets were inadvertently used to pay expenses that should not have been paid by the Plan	\$ 22,944	\$ 22,984	\$ 40
William Blair	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 93,001	\$ 93,058	\$ 57
PIMCO	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 30,426	\$ 30,439	\$ 13
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 1,545	\$ 1,585	\$ 40
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 7,845	\$ 7,859	\$ 14
The Boeing Company	Plan Sponsor	Plan assets were inadvertently received by the Plan Sponsor	\$ 50,512	\$ 50,901	\$ 389
Kirkland & Ellis	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 20,901	\$ 21,139	\$ 238
Drinker Biddle Reath LLP	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 301	\$ 302	\$ 1
Gunderson Dettmer	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 20	\$ 21	\$ 1
J.P. Morgan	Trustee	Plan assets were inadvertently used to make overpayments to the Trustee	\$ 4,671	\$ 4,734	\$ 63
Bloomberg	Service Provider	Plan assets were inadvertently used to make an overpayment to a third-party provider	\$ 86	\$ 94	\$ 8

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Schedule SB, line 26 – Schedule of Active Participant Data

Schedule SB, Line 26 — Schedule of Active Participant Data as of January 1, 2016

Attained Age	Years of Credited Service																			
	Under 1		1 to 4		5 to 9		10 to 14		15 to 19		20 to 24		25 to 29		30 to 34		35 to 39		40 & Over	
	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.
Under 25	0		0		0		0		0		0		0		0		0		0	
25 - 29	0		0		0		0		0		0		0		0		0		0	
30 - 34	0		0		0		0		0		0		0		0		0		0	
35 - 39	0		0		1		0		0		0		0		0		0		0	
40 - 44	0		0		1		0		0		0		0		0		0		0	
45 - 49	0		1		0		0		0		0		0		0		0		0	
50 - 54	4		12		16		18		13		9		2		5		0		0	
55 - 59	9		53		38		20		29		13		17		19		2		0	
60 - 64	3		11		16		10		18		11		6		10		4		1	
65 - 69	2		5		5		3		2		1		2		2		1		1	
70 & Over	0		0		0		0		0		1		2		0		0		0	

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Schedule SB, Part V – Statement of Actuarial Assumptions/Methods

Schedule SB, Part V — Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis:

- | | |
|---------------------|-----------------|
| ▪ Applicable month | September 2015 |
| ▪ Yield curve basis | 3-Segment rates |

Interest rates:	Reflecting Corridors	Not Reflecting Corridors
▪ First segment rate	4.43%	1.34%
▪ Second segment rate	5.91%	4.03%
▪ Third segment rate	6.65%	5.06%
▪ Effective interest rate	5.80%	3.88%

Annual rates of increase

- | | |
|--------------------------------|-----|
| ▪ Salary increase | N/A |
| ▪ Statutory limits on benefits | N/A |

Assumed earnings rate on investments	6.81% ¹
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¹ Used to develop the expected return in 2015 for the development of the actuarial value of assets. Represents the lesser of the long-term expected asset return and third segment rate used for the 2015 valuation.

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Schedule SB, Part V – Statement of Actuarial Assumptions/Methods

Demographic Assumptions

Mortality

- **Healthy**
For all participants: The prescribed mortality assumption under Section 430(h)(3)(A) of the Internal Revenue Code using static tables with separate mortality rates for annuitants and non-annuitants (Exhibit A).
- **Disabled**
Alternative disabled life mortality table after 1994, as defined under IRS Revenue Ruling 96-7 (Exhibit B).

Termination Representative termination rates not due to disability, retirement, or mortality.

Percentage leaving during the year	
Attained Age	Rate
20	15%
25	25%
30	25%
35	12%
40	9%
45	8%
50	8%
55	35%
60	35%
65	35%

Disability The rates at which participants become disabled by age and gender are shown below:

Percentage becoming disabled during the year	
Age	Rate
20	0.047%
30	0.107%
40	0.241%
50	0.669%
60	1.756%

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Schedule SB, Part V – Statement of Actuarial Assumptions/Methods

Retirement

The rates at which active participants are assumed to retire are shown below by age.

Percentage retiring during the year			
Age	Rate	Age	Rate
55	10%	63	20%
56	5%	64	20%
57	5%	65	30%
58	5%	66	20%
59	5%	67	20%
60	10%	68	20%
61	15%	69	20%
62	25%	70	100%

Benefit commencement for terminated vested participants

For most of the sub-plans, it is assumed that terminated vested participant commence benefits at the later of age 55 or their current age. Benefit commencement assumptions for the larger sub-plans for which this is not the case, are described below:

Aerospace Salaried Employees Sub-Plan (R001)

Aerospace Hourly Employees Sub-Plan (R002)

Assumed retirement age if less than 10 years
of vesting service at termination: 65

Assumed retirement age if at least 10 years of
vesting service at termination: 62

Collins Production (R030)

Assumed retirement age if less than 10 years
of vesting service at termination: 65

Assumed retirement age if at least 10 years of
vesting service at termination: 60

Kenton Sub-Plan (R052)

Assumed retirement age: 60

United Steelworkers Sub-Plan (R044)

Assumed retirement age: 62

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Schedule SB, Part V – Statement of Actuarial Assumptions/Methods

The Detroit Sub-Plan (R043)
Certain Salaried Employees Sub-Plan (R090)

Assumed retirement age: 63

Certain Salaried Employees Sub-Plan (R003)
Certain Units Sub-Plan (R027)
Electronic Operations Sub-Plan (R028)
Reinforced Plastic Operation Centralia Sub-Plan (R034)
Switching Systems Salaried Sub-Plan (W105)

Assumed retirement age: 62

Allen-Bradley Sub-Plan (B001)

Assumed retirement age: 65

Terminated vested participants over age 65 are assumed to commence benefits immediately and collect a retroactive payment equal to the sum of their missed payments, increased with interest to their age as of the valuation date. It is also assumed that terminated vested participants age 72 and older have forfeited their benefits and will not be located or collect their benefits.

Form of payment /
Percent married /
Spouse age

Optional form election rates and percent married vary by sub-plan.

Aerospace Salaried Employees Sub-Plan (R001)
Aerospace Hourly Employees Sub-Plan (R002)
Certain Salaried Employees Sub-Plan (R003)
Electronics Salaried Employees Sub-Plan (R028)
Collins Radio Production Employees Sub-Plan (R030)

Employees Married: 85% of employees.

Employees Electing Survivor
Benefits: 65% of employees.

Age of Beneficiary: Spouses are 3 years younger than male employees and 3 years older than female employees.

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Schedule SB, Part V – Statement of Actuarial Assumptions/Methods

All Other Sub-Plans	
	Employees Married: 85% of employees.
	Employees Electing Survivor Benefits: 85% of employees.
	Age of Beneficiary: Spouses are 3 years younger than male employees and 3 years older than female employees.
Covered pay	N/A
Administrative and investment expense	Plan-related expenses are assumed to be the actual 2015 administrative expenses, adjusted for expected changes in PBGC premiums, rounded up to two significant digits. The assumed administrative expense is \$9,000,000 for 2016 and \$8,600,000 for 2015.
Special at-risk assumptions	N/A
Cashflow	
► Timing of benefit payments	Annuity payments are payable monthly at the beginning of the month.

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits
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.
Actuarial value of assets	Average of the fair market value of assets on the valuation date and the two immediately preceding valuation dates, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of fair value, including contributions receivable.

Funding policy

The funding policy of the Plan is to contribute an amount each year that is at least equal to the minimum required contribution under federal law and that is tax-deductible under the Internal Revenue Code.

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued based on discussions with Boeing regarding the likelihood that these benefits will be paid. Willis Towers Watson has reviewed the plan provisions with Boeing 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.
Pension Plan Administrative Expenses	Administrative expenses are based on the prior year's actual administrative expenses and expected changes in PBGC premiums rounded up to two significant figures.
Limit on Expected Return on Assets for AVA	Boeing analyzed their investments with their internal and external investment advisors and, based on their investment allocation, chose an assumption of 7% for long term expected return on assets for accounting purposes. Based on our high level view of their investment allocation, we believe their best estimate for the return on assets is reasonable. For purposes of this funding valuation, we applied the third segment rate as a limit and reflected an expected return on assets of 6.81%.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are among the choices prescribed by IRC §430(h).
Termination	The assumed termination rates are based on actual termination experience by the plan over the period 2002 – 2014, with consideration for future conditions that might be expected to produce different results in the future. The analysis of historical termination rates was presented in the experience study delivered to Boeing on September 29, 2015.
Retirement	The assumed rates of retirement from active employment are based on actual retirement experience by the plan over the period 2002 – 2014, with considerations for future conditions that might be expected to produce different results in the future. The analysis of historical rates of retirement from active employment was presented in the experience study delivered to Boeing on September 29, 2015.
Benefit commencement date for deferred benefits	Deferred vested participants' assumed commencement age is a single age intended to capture the average age at commencement, based on plan experience. The analysis of historical ages of benefit commencement for deferred vested participants was presented in the experience study delivered to Boeing on September 29, 2015.

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.
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Changes in Assumptions and Methods

- The segment interest rates used to calculate the funding target and target normal cost were updated from an applicable month of September 2014 to September 2015 before application of HATFA corridors. In addition, the segment interest rates were updated from reflecting interest rate corridors applicable for a January 1, 2015 valuation to those applicable for a January 1, 2016 valuation.
- The assumed mortality for healthy participants has been updated to include one additional year of projected mortality improvements in IRS prescribed annuitant and non-annuitant static tables.
- Assumed benefit commencement age for deferred participants in the following subplans was changed as follows:
 - Collins Production (R030): Assumed retirement age for deferred participants with at least 10 years of vesting service at termination was changed from 55 to 60.
 - The Detroit Sub-Plan (R043): Assumed retirement age for deferred participants was changed from 60 to 63.
 - United Steelworkers Sub-Plan (R044): Assumed retirement age for deferred participants was changed from 60 to 62.
 - Certain Salaried Employees Sub-Plan (R090): Assumed retirement age for deferred participants was changed from 55 to 63.

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IRS 2015 Prescribed Preretirement and Postretirement Mortality Tables

Exhibit A

Non-Annuitants						Annuitants					
<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Age</u>	<u>Male</u>	<u>Female</u>
1	0.0347%	0.0311%	61	0.3420%	0.3687%	1	0.0347%	0.0311%	61	0.6455%	0.6197%
2	0.0235%	0.0203%	62	0.3761%	0.4006%	2	0.0235%	0.0203%	62	0.7110%	0.6886%
3	0.0195%	0.0152%	63	0.4240%	0.4335%	3	0.0195%	0.0152%	63	0.8031%	0.7621%
4	0.0152%	0.0113%	64	0.4604%	0.4671%	4	0.0152%	0.0113%	64	0.8886%	0.8414%
5	0.0139%	0.0103%	65	0.4961%	0.5008%	5	0.0139%	0.0103%	65	0.9840%	0.9282%
6	0.0133%	0.0096%	66	0.5469%	0.5340%	6	0.0133%	0.0096%	66	1.1149%	1.0221%
7	0.0128%	0.0090%	67	0.5806%	0.5664%	7	0.0128%	0.0090%	67	1.2343%	1.1231%
8	0.0118%	0.0080%	68	0.5941%	0.5975%	8	0.0118%	0.0080%	68	1.3346%	1.2333%
9	0.0114%	0.0076%	69	0.6230%	0.6271%	9	0.0114%	0.0076%	69	1.4743%	1.3571%
10	0.0116%	0.0077%	70	0.6305%	0.6550%	10	0.0116%	0.0077%	70	1.5925%	1.4994%
11	0.0119%	0.0078%	71	0.7129%	0.7146%	11	0.0119%	0.0078%	71	1.7620%	1.6275%
12	0.0124%	0.0081%	72	0.8776%	0.8337%	12	0.0124%	0.0081%	72	1.9564%	1.8102%
13	0.0131%	0.0085%	73	1.1247%	1.0124%	13	0.0131%	0.0085%	73	2.1791%	1.9681%
14	0.0143%	0.0094%	74	1.4541%	1.2506%	14	0.0143%	0.0094%	74	2.4311%	2.1813%
15	0.0151%	0.0105%	75	1.8659%	1.5484%	15	0.0151%	0.0105%	75	2.7744%	2.3554%
16	0.0160%	0.0112%	76	2.3600%	1.9058%	16	0.0160%	0.0112%	76	3.0923%	2.5950%
17	0.0169%	0.0121%	77	2.9365%	2.3227%	17	0.0169%	0.0121%	77	3.5173%	2.9221%
18	0.0178%	0.0123%	78	3.5953%	2.7992%	18	0.0178%	0.0123%	78	3.9965%	3.2212%
19	0.0186%	0.0121%	79	4.3365%	3.3353%	19	0.0186%	0.0121%	79	4.5415%	3.5563%
20	0.0194%	0.0118%	80	5.1599%	3.9309%	20	0.0194%	0.0118%	80	5.1599%	3.9309%
21	0.0207%	0.0115%	81	5.9047%	4.3509%	21	0.0207%	0.0115%	81	5.9047%	4.3509%
22	0.0219%	0.0116%	82	6.7449%	4.8233%	22	0.0219%	0.0116%	82	6.7449%	4.8233%
23	0.0237%	0.0121%	83	7.5186%	5.3556%	23	0.0237%	0.0121%	83	7.5186%	5.3556%
24	0.0254%	0.0128%	84	8.5491%	5.9563%	24	0.0254%	0.0128%	84	8.5491%	5.9563%
25	0.0278%	0.0136%	85	9.4897%	6.7842%	25	0.0278%	0.0136%	85	9.4897%	6.7842%
26	0.0316%	0.0149%	86	10.5213%	7.7357%	26	0.0316%	0.0149%	86	10.5213%	7.7357%
27	0.0329%	0.0155%	87	11.9173%	8.8206%	27	0.0329%	0.0155%	87	11.9173%	8.8206%
28	0.0338%	0.0164%	88	13.4866%	9.8247%	28	0.0338%	0.0164%	88	13.4866%	9.8247%
29	0.0354%	0.0173%	89	14.9044%	11.1533%	29	0.0354%	0.0173%	89	14.9044%	11.1533%
30	0.0382%	0.0195%	90	16.7928%	12.3259%	30	0.0382%	0.0195%	90	16.7928%	12.3259%
31	0.0429%	0.0241%	91	18.2908%	13.5355%	31	0.0429%	0.0241%	91	18.2908%	13.5355%
32	0.0484%	0.0275%	92	20.2751%	14.7536%	32	0.0484%	0.0275%	92	20.2751%	14.7536%
33	0.0543%	0.0300%	93	21.8717%	16.3089%	33	0.0543%	0.0300%	93	21.8717%	16.3089%
34	0.0604%	0.0322%	94	23.4658%	17.4923%	34	0.0604%	0.0322%	94	23.4658%	17.4923%
35	0.0665%	0.0341%	95	25.5965%	18.6128%	35	0.0665%	0.0341%	95	25.5965%	18.6128%
36	0.0724%	0.0358%	96	27.1672%	19.6530%	36	0.0724%	0.0358%	96	27.1672%	19.6530%
37	0.0778%	0.0374%	97	28.6932%	21.0554%	37	0.0778%	0.0374%	97	28.6932%	21.0554%
38	0.0805%	0.0392%	98	30.8432%	21.9072%	38	0.0805%	0.0392%	98	30.8432%	21.9072%
39	0.0827%	0.0412%	99	32.3018%	22.6350%	39	0.0827%	0.0412%	99	32.3018%	22.6350%
40	0.0848%	0.0449%	100	33.7055%	23.2297%	40	0.0848%	0.0449%	100	33.7055%	23.2297%
41	0.0871%	0.0492%	101	35.8628%	24.4834%	41	0.0898%	0.0492%	101	35.8628%	24.4834%
42	0.0899%	0.0541%	102	37.1685%	25.4498%	42	0.0998%	0.0541%	102	37.1685%	25.4498%
43	0.0932%	0.0595%	103	38.3040%	26.6044%	43	0.1147%	0.0595%	103	38.3040%	26.6044%
44	0.0973%	0.0654%	104	39.2003%	27.9055%	44	0.1346%	0.0654%	104	39.2003%	27.9055%
45	0.1018%	0.0693%	105	39.7886%	29.3116%	45	0.1595%	0.0693%	105	39.7886%	29.3116%
46	0.1059%	0.0731%	106	40.0000%	30.7811%	46	0.1894%	0.0790%	106	40.0000%	30.7811%
47	0.1102%	0.0769%	107	40.0000%	32.2725%	47	0.2242%	0.0926%	107	40.0000%	32.2725%
48	0.1146%	0.0832%	108	40.0000%	33.7441%	48	0.2640%	0.1108%	108	40.0000%	33.7441%
49	0.1193%	0.0899%	109	40.0000%	35.1544%	49	0.3088%	0.1335%	109	40.0000%	35.1544%
50	0.1240%	0.1002%	110	40.0000%	36.4617%	50	0.3586%	0.1607%	110	40.0000%	36.4617%
51	0.1287%	0.1118%	111	40.0000%	37.6246%	51	0.3625%	0.1724%	111	40.0000%	37.6246%
52	0.1335%	0.1289%	112	40.0000%	38.6015%	52	0.3619%	0.1941%	112	40.0000%	38.6015%
53	0.1430%	0.1486%	113	40.0000%	39.3507%	53	0.3669%	0.2220%	113	40.0000%	39.3507%
54	0.1534%	0.1717%	114	40.0000%	39.8308%	54	0.3717%	0.2557%	114	40.0000%	39.8308%
55	0.1704%	0.1985%	115	40.0000%	40.0000%	55	0.3872%	0.2959%	115	40.0000%	40.0000%
56	0.1917%	0.2301%	116	40.0000%	40.0000%	56	0.4107%	0.3438%	116	40.0000%	40.0000%
57	0.2169%	0.2590%	117	40.0000%	40.0000%	57	0.4419%	0.3927%	117	40.0000%	40.0000%
58	0.2464%	0.2832%	118	40.0000%	40.0000%	58	0.4835%	0.4407%	118	40.0000%	40.0000%
59	0.2721%	0.3097%	119	40.0000%	40.0000%	59	0.5249%	0.4953%	119	40.0000%	40.0000%
60	0.3007%	0.3382%	120	100.0000%	100.0000%	60	0.5748%	0.5553%	120	100.0000%	100.0000%

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IRS Revenue Ruling 96-7 Post-1994 Disabled Mortality Exhibit B

Disabled Participants					
<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Age</u>	<u>Male</u>	<u>Female</u>
1	2.2010%	0.7777%	61	5.9172%	3.9176%
2	2.2010%	0.7777%	62	6.0232%	4.0395%
3	2.2010%	0.7777%	63	6.1303%	4.1653%
4	2.2010%	0.7777%	64	6.2429%	4.2950%
5	2.2010%	0.7777%	65	6.3669%	4.4287%
6	2.2010%	0.7777%	66	6.5082%	4.5666%
7	2.2010%	0.7777%	67	6.6724%	4.6828%
8	2.2010%	0.7777%	68	6.8642%	4.8070%
9	2.2010%	0.7777%	69	7.0834%	4.9584%
10	2.2010%	0.7777%	70	7.3284%	5.1331%
11	2.2010%	0.7777%	71	7.5979%	5.3268%
12	2.2010%	0.7777%	72	7.8903%	5.5356%
13	2.2010%	0.7777%	73	8.2070%	5.7573%
14	2.2010%	0.7777%	74	8.5606%	5.9979%
15	2.2010%	0.7777%	75	8.8918%	6.2574%
16	2.2502%	0.8120%	76	9.2208%	6.5480%
17	2.3001%	0.8476%	77	9.5625%	6.8690%
18	2.3519%	0.8852%	78	9.9216%	7.2237%
19	2.4045%	0.9243%	79	10.3030%	7.6156%
20	2.4583%	0.9650%	80	10.7113%	8.0480%
21	2.5133%	1.0076%	81	11.1515%	8.5243%
22	2.5697%	1.0521%	82	11.6283%	9.0480%
23	2.6269%	1.0984%	83	12.1464%	9.6224%
24	2.6857%	1.1468%	84	12.7108%	10.2508%
25	2.7457%	1.1974%	85	13.3262%	10.9368%
26	2.8071%	1.2502%	86	13.9974%	11.6837%
27	2.8704%	1.3057%	87	14.7292%	12.4948%
28	2.9345%	1.3632%	88	15.5265%	13.3736%
29	2.9999%	1.4229%	89	16.3939%	14.3234%
30	3.0661%	1.4843%	90	17.3363%	15.3477%
31	3.1331%	1.5473%	91	18.3585%	16.4498%
32	3.2006%	1.6103%	92	19.4653%	17.6332%
33	3.2689%	1.6604%	93	20.6615%	18.9011%
34	3.3405%	1.7121%	94	21.9519%	20.2571%
35	3.4184%	1.7654%	95	23.4086%	21.7045%
36	3.4981%	1.8204%	96	24.8436%	23.2467%
37	3.5796%	1.8770%	97	26.3954%	24.8870%
38	3.6634%	1.9355%	98	28.0803%	26.6289%
39	3.7493%	1.9957%	99	29.9154%	28.4758%
40	3.8373%	2.0579%	100	31.9185%	30.3433%
41	3.9272%	2.1219%	101	34.1086%	32.7385%
42	4.0189%	2.1880%	102	36.5052%	35.9020%
43	4.1122%	2.2561%	103	39.3102%	39.5842%
44	4.2071%	2.3263%	104	42.7255%	43.8360%
45	4.3033%	2.3988%	105	46.9531%	48.7816%
46	4.4007%	2.4734%	106	52.1945%	54.5886%
47	4.4993%	2.5504%	107	58.6518%	61.4309%
48	4.5989%	2.6298%	108	66.5268%	69.4884%
49	4.6993%	2.7117%	109	76.0215%	78.9474%
50	4.8004%	2.7961%	110	76.0215%	78.9474%
51	4.9021%	2.8832%	111	76.0215%	78.9474%
52	5.0042%	2.9730%	112	76.0215%	78.9474%
53	5.1067%	3.0655%	113	76.0215%	78.9474%
54	5.2093%	3.1609%	114	76.0215%	78.9474%
55	5.3120%	3.2594%	115	76.0215%	78.9474%
56	5.4144%	3.3608%	116	76.0215%	78.9474%
57	5.5089%	3.4655%	117	76.0215%	78.9474%
58	5.6068%	3.5733%	118	76.0215%	78.9474%
59	5.7080%	3.6846%	119	76.0215%	78.9474%
60	5.8118%	3.7993%	120	100.0000%	100.0000%

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.	<small>OMB No. 1210-0110</small> <div style="text-align: center; font-size: 1.2em;">2016</div> This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

► **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 Boeing North American Retirement Plan	B Three-digit plan number (PN) ► 048
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF The Boeing Co. And Consolidated Subsidiaries	D Employer Identification Number (EIN) 91-0425694
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>2016</u>		
2	Assets:		
	a Market value.....	2a	3,797,135,427
	b Actuarial value.....	2b	3,965,153,605
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	52,875	2,928,070,069
	b For terminated vested participants	11,700	299,078,158
	c For active participants	398	43,379,866
	d Total	64,973	3,270,528,093
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	5.80%
6	Target normal cost	6	9,424,598

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	Emily L. Carlson Signature of actuary	August 7, 2017 Date
	Emily L. Carlson Type or print name of actuary	1706985 Most recent enrollment number
	Towers Watson Delaware Inc. Firm name	206-625-1125 Telephone number (including area code)
	600 University Street Suite 3100 Seattle WA 98101 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 V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.43 %	2nd segment: 5.91 %	3rd segment: 6.65 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 62
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):												
a Target normal cost (line 6)	31a	9,424,598										
b Excess assets, if applicable, but not greater than line 31a	31b	9,424,598										
32 Amortization installments:	<table border="1"> <thead> <tr> <th></th> <th>Outstanding Balance</th> <th>Installment</th> </tr> </thead> <tbody> <tr> <td>a Net shortfall amortization installment</td> <td>0</td> <td>0</td> </tr> <tr> <td>b Waiver amortization installment</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Outstanding Balance	Installment	a Net shortfall amortization installment	0	0	b Waiver amortization installment	0	0
	Outstanding Balance	Installment										
a Net shortfall amortization installment	0	0										
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	0										
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	0										
		Carryover balance	Prefunding balance									
35 Balances elected for use to offset funding requirement		0	0									
36 Additional cash requirement (line 34 minus line 35)	36	0										
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0										
38 Present value of excess contributions for current year (see instructions)												
a Total (excess, if any, of line 37 over line 36)	38a	0										
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	0	
43 Excess installment acceleration amount to be carried over to future plan years	43	0	

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, line 22 – Description of Weighted Average Retirement Age

Schedule SB, Line 22 — Description of Weighted Average Retirement Age

See Schedule SB, Part V – Statement of Actuarial Assumptions and Methods attachment for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Age	Retirement Rate	Assumed Number Eligible	Assumed Number Retiring	Age X Number Retiring
55	10%	10,000.00	1,000	55,000.00
56	5%	9,000.00	450	25,200.00
57	5%	8,550.00	428	24,396.00
58	5%	8,122.00	406	23,548.00
59	5%	7,716.00	386	22,774.00
60	10%	7,330.00	733	43,980.00
61	15%	6,597.00	990	60,390.00
62	25%	5,607.00	1,402	86,924.00
63	20%	4,205.00	841	52,983.00
64	20%	3,364.00	673	43,072.00
65	30%	2,691.00	807	52,455.00
66	20%	1,884.00	377	24,882.00
67	20%	1,507.00	301	20,167.00
68	20%	1,206.00	241	16,388.00
69	20%	965.00	193	13,317.00
70	100%	772.00	772	54,040.00
			10,000	619,516.00
				÷
				10,000.00
				62

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	The Boeing Company and Consolidated Subsidiaries
EIN/PN	91-0425694/048
Plan Name	Boeing North American Retirement Plan
Valuation Date	January 1, 2016
Enrolled Actuary	Emily L. Carlson
Enrollment Number	17-06985

The actuarial assumptions that are not mandated by IRC § 430 and regulations thereunder 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 Boeing Company. 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 The Boeing Company.



NOTICE TO TERMINATED ENROLLED ACTUARY

I, as Plan Administrator, verify that the explanation that is reproduced below or attached to this notice is the explanation concerning your termination reported on the Schedule C (Form 5500) attached to the 2016 Form 5500, Annual Return/Report of Employee Benefit Plan for the **Boeing North American Retirement Plan**. This Form 5500 is identified in line 2b by the nine-digit EIN **91-0425694** and in line 1b by the three-digit PN **048**.

You have the opportunity to comment to the Department of Labor concerning any aspect of this explanation. Comments should include the name, EIN and PN of the plan and be submitted to:

Office of Enforcement
Employee Benefits Security Administration
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, D.C. 20210

Heaththys - O'Brien
Plan Administrator

June 22, 2017
Date

Explanation: Reassignment of work within Willis Towers Watson

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Schedule SB, Part V – Summary of Plan Provisions

Plan Provisions	
Plan Sponsor	The Boeing Company
Plan	Boeing North American Retirement Plan
Effective date and Most Recent Amendment	<p>The master plan (048) was established July 31, 1996 via merger between Rockwell International Corporation, The Boeing Company and Boeing North American, Inc.</p> <p>The master plan was restated effective January 1, 2015. The most recent plan amendment was December 7, 2015 based on Amendment 1 (2015 Terminated vested lump sum window option)</p>
Plan Year	The twelve-month period ending December 31, 2016
Benefits Valued	<p>The valuation is based on benefit provisions in effect on the valuation date, including known future increases under existing bargaining agreements</p> <ul style="list-style-type: none">a. Active Employees - Accrue benefits under the Aerospace Hourly sub-plan, the description of which follows.b. Inactive Participants - Entitled to vested accrued benefits determined as of the date of separation. Descriptions are included for the following sub-plans with inactive participants:<ul style="list-style-type: none">■ Aerospace Hourly (R02)■ Aerospace Salaried (R01)■ Certain Salaried (R03)■ Electronics Salaried (R28)■ Collins Production (R30)
Voluntary Lump Sum Window	Certain participants who terminated employment before January 1, 2015, are entitled to a vested benefit, and have not commenced benefits by November 1, 2015, are eligible to elect to receive their benefits in the form of a lump sum (or immediate annuity) as of November 1, 2015. The lump sum window did not apply to all terminated vested participants. Participants that elected the lump sum and were cashed out during November 2015 are no longer participants in the plan.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Changes in Plan Provisions since Prior Valuation

The pay and dollar limits were updated in accordance with legislative changes effective for 2016 as follows:

- The IRC Section 401(a)(17) pay limit remained at \$265,000 for the 2016 plan year.
- The IRC Section 415 dollar limit remained at \$210,000 for the 2016 plan year.

A voluntary lump sum window permits the one-time lump sum cash-out (or immediate annuity) of vested terminated benefits as of November 1, 2015.

Other changes apply to the R02 subplan as described below.

There have been no other changes in Plan Provisions since the prior valuation.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Hourly (R02)

Effective Date	a. Sub-Plan	April 1, 1955
	b. Latest Amendment	<p>The subplan was amended and restated effective January 1, 2015. It was last amended as follows:</p> <ul style="list-style-type: none">- September 1, 2015 based on Amendment 1 (Benefit rate increases, cessation of benefits and service, voluntary separation benefits, and eligibility service recognition for non-union transfers), and- December 7, 2015 based on Amendment 2 (2015 Terminated vested lump sum window option)
Eligibility	<p>Employees on the hourly payroll of The Boeing Company who are covered by a collective bargaining agreement between The Boeing Company and one of the following unions, who are hired before January 1, 2009:</p> <ul style="list-style-type: none">a. The International Union, United Automobile, Aerospace and Agricultural Implement Workers of America (UAW), and its Locals 887,b. The International Brotherhood of Electrical Workers (AFL-CIO), Local 2295.	
Definition	<p>Credited and Vested Service – credited and vested service earned under Hourly sub-plan, including service with USA for participants who transferred directly to USA, with the following exceptions:</p> <ul style="list-style-type: none">- Credited service freezes as of December 31, 2016 for purposes of benefit accruals, but service after December 31, 2016 is included in credited service taken into account for determining early retirement eligibility.- As of December 31, 2016 all benefits accrued in this plan are 100% vested.- Service after transfer to non-union positions will be counted for purposes of determining eligibility for unreduced early retirement benefits for termination of employment occurring on or after June 1, 2015.	
Retirement Dates	a. Normal	<p>Last day of the month in which employee reaches age 65 or the fifth employment anniversary if later, but not later than April 1 of the calendar year following the calendar year in which the employee attains age 70-1/2.</p>

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Hourly (R02)

b. Regular Early

Any day after the employee reaches age 55 and completes 10 years of vesting service, but before normal retirement age.

c. 60/20

Any day after the employee reaches age 60 and completes 20 years of credited service (including service credited under the Aerospace Salaried Sub-Plan), but before age 62.

d. 55/30

Any day after the employee reaches age 55 and completes 30 years of credited service (including service credited under the Aerospace Salaried Sub-Plan), but before age 62.

e. Rule of 85

Any day after the employee reaches age 55 and completes 85 "points" (i.e., the sum of age and credited service, including service credited under the Aerospace Salaried Sub-Plan, equals 85 or more), but before age 60.

f. Late

Any day after the employee reaches normal retirement age.

g. Disability

On total and permanent disability at any age after 10 years of vesting service.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Hourly (R02)

Retirement Benefits

a. Normal

Monthly benefit per year of credited service (maximum 35 years) as follows:

Commencement Date	Benefit Unit
Before 01/01/75	\$ 11.50
01/01/75 - 09/30/77	12.50
10/01/77 - 06/30/81	13.50
07/01/81 - 09/30/84	16.00
10/01/84 - 09/30/85	17.00
10/01/85 - 09/30/86	18.00
10/01/86 - 07/03/87	19.00
07/04/87 - 09/30/89	21.00
10/01/89 - 07/31/90	23.00
08/01/90 - 12/31/91	26.00
01/01/92 - 07/30/93	29.00
08/01/93 - 06/30/96	32.00
07/01/96 - 09/30/97	35.00
10/01/97 - 09/30/98	36.00
10/01/98 - 06/30/99	37.00
07/01/99 - 12/31/03	43.00
01/01/04 - 12/31/06	52.00
01/01/07 - 12/31/07	55.00
01/01/08 - 12/31/10	64.00
01/01/11 - 11/30/16	75.00
12/01/16 - after	85.00

Participants commencing benefits between January 1, 2004 and June 1, 2004 will receive a monthly benefit rate of \$55 effective January 1, 2007.

35 year maximum credited service does not apply to benefits payable on or after October 1, 1999 if benefits are commenced on or after July 1, 1999.

Effective as of December 31, 2016, this Plan will be frozen and all accruals will cease.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Hourly (R02)

b. Regular Early

Benefit determined as for normal retirement, based on credited service to early retirement date, payable immediately with reduction of 0.5% for each month from the date benefits commence to age 62.

c. 60/20

- Lifetime Benefit

Benefit determined as for normal retirement, based on credited service to early retirement date, payable immediately without reduction.

- Supplementary Benefit¹

\$650 per month payable until the earliest of age 62, eligibility for Social Security benefits, or death.

d. 55/30

- Lifetime Benefit:

Benefit determined as for normal retirement, based on credited service to early retirement date, payable immediately without reduction.

- Supplementary Benefit:¹

\$650 per month payable until the earliest of age 62, eligibility for Social Security benefits, or death.

e. Rule of 85

- Lifetime Benefit:

Benefit determined as for normal retirement, based on credited service to early retirement date, payable immediately with reduction of 0.5% for each month from the date benefits commence to age 62.

- Supplementary Benefit:¹

\$650 per month payable until the earliest of age 62, eligibility for Social Security benefits, or death.

f. Late

Benefit determined as for normal retirement, based on employee's credited service to actual retirement date.

¹ Supplementary benefits are only paid to employees who retire from active status in the R02 plan. Employees who have transferred to other subplans or plans within the controlled group are not eligible for the supplementary benefit.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Hourly (R02)

g. Disability

▪ Lifetime Benefit:

Benefit determined as for normal retirement, based on credited service to date of disability, payable without reduction after a six-month waiting period

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Hourly (R02)

Termination Benefits	On termination of employment after five years of vesting service, an employee is entitled to a deferred vested benefit determined as for normal retirement, based on credited service, and benefit unit amount in effect at date of termination. The deferred vested benefit is payable without reduction beginning at age 65, or reduced from 47.4% at 55 to unreduced at age 65 if the employee had at least 10 years of vesting service at termination.
Death Benefits Before Retirement	Upon death after completing five years of vesting service, the surviving spouse is entitled to a lifetime benefit of 55% of the benefit which would have been payable if the employee had survived to the earliest retirement date and retired with the surviving spouse benefit per "Death Benefits After Retirement," section b, below. Payments commence on the first day of the month following death or, if later, the earliest date on which the employee would have been eligible to retire based on service at death.
Death Benefits While Eligible for Retirement	<p>a Lump-Sum Benefit</p> <p>On death of a retired participant who is receiving a disability or retirement benefit from the sub-plan (but not a vested termination benefit), a lump-sum death benefit of \$1,000 is payable to the participant's beneficiary or estate.</p> <p>b Surviving Spouse Benefit</p> <p>A 55% Survivor Annuity that would have been paid to the Participant if retired on the day before death for the spouse's remaining lifetime.</p>
Normal Form of Payment	Monthly pension benefits are paid a life annuity, if the participant has no spouse as of the date payments begin or if the participant so elects. Otherwise, benefits are paid in the form of 55% joint and survivor annuity option with "pop-up" (where annuity will "pop-up" to the benefit amount before the joint and survivor option election if the spouse predeceases the retired participants)
Optional Forms of Payment	<p>Participants can elect one of the following options:</p> <ul style="list-style-type: none">▶ Single Life Annuity▶ Joint and Survivor Annuity of 55% and 75%▶ Accelerated Income Option (for early retirements before age 62, without Supplementary Benefit.)
Voluntary Lump Sum Window	Certain participants who terminated employment before January 1, 2015, are entitled to a vested benefit, and have not commenced benefits by November 1, 2015, are eligible to elect to receive their benefits in the form of a lump sum (or immediate annuity) as of November 1, 2015. The lump sum window did not apply to all terminated vested participants. Participants that elected the lump sum and were cashed out during November 2015 are no longer participants in the plan.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Actuarial Equivalence for Annuity Conversion	Optional forms of payment are generally determined using actuarial equivalence with 6% interest and RP-2000 mortality projected to 2015 with Scale AA, blended 50/50 male/female, or simplified factors if greater. 417(e) minimum conversions use Applicable Interest Rates from November preceding the plan year.
--	---

Aerospace Hourly (R02)

Employee Contributions	None.
------------------------	-------

Voluntary Separate Benefit Program	<p>There is a voluntary separation benefit program for certain employees who retire in 2016 to reflect benefit increases resulting from union negotiations in 2015:</p> <ol style="list-style-type: none">1. For participants represented by UAW 887 who are eligible employees as of May 16, 2015, terminate employment during the period beginning September 30, 2015 and ending August 31, 2016, with an annuity starting date between October 1, 2015 and September 1, 2016.2. For participants represented in by IBEW 2295 who are eligible employees as of July 21, 2015, terminate employment during the period beginning November 30, 2015 and ending October 31, 2016, with an annuity starting date between December 1, 2015 and November 1, 2016. <p>Active participants that are retirement eligible, or have at least 25 years of service as of their termination date will be eligible. The monthly pension benefit for those who retire during the window period will be determined with a monthly benefit rate of \$85.</p>
------------------------------------	--

Changes in Plan Provisions since Prior Valuation

The monthly pension benefit rate increased to \$85 from \$75 effective December 1, 2016 for participants who are active or on approved leave of absence as of the effective date.

Pension accruals will cease and existing benefits will fully vest effective December 31, 2016. Service performed after December 31, 2016 will not be counted for any purpose except for purposes of determining eligibility for early retirement and disablement benefits.

Service after transfer to non-union positions will be counted for purposes of determining eligibility for unreduced early retirement benefits, for termination from employment occurring on or after June 1, 2015.

There is a voluntary separation benefit program for certain employees who retire in 2016 to reflect benefit increases resulting from union negotiations in 2015.

A voluntary lump sum window permits the one-time lump sum cash-out (or immediate annuity) of vested terminated benefits as of November 1, 2015.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Salaried (R01)

As of the valuation date, no active participants are covered under this sub-plan. Terminated vested participants, retirees and beneficiaries covered by this sub-plan continue to be covered by these provisions.

Effective Date	a. Sub-Plan	October 1, 1945
	b. Latest Amendment	Amendment No. 8, effective January 1, 2009.

Definitions	a. Qualifying Employment	Months of credited service during which basic monthly compensation exceeds \$566.67.
	b. Average Qualifying Salary	Highest average qualifying salary for five consecutive years out of the final 10 years of Qualifying Employment. Qualifying salary is the monthly basic compensation on January 1 plus 1/12 of any lump sum merit awards in lieu of merit increases during the preceding calendar year (not in excess of \$160,000 for 1998, indexed thereafter).
	c. Social Security Earnings Limit	Lesser of Average Qualifying Salary or the monthly average of the Social Security wage bases during the 35 calendar years ending with the calendar year before the year in which the employee reaches Social Security retirement age, assuming no change in the wage base after the calendar year of determination.
	d. Offset Percentage	

Year of Birth	Percentage
1937 and earlier	.480%
1938 thru 1954	.455%
1955 and later	.430%

Retirement Dates	a. Normal	Last day of the month in which employee reaches age 65 or fifth employment anniversary if later, but not later than April 1 of the calendar year following the calendar year in which the employee attains age 70½.
	b. Regular Early	Any day after employee reaches age 55 and completes 10 years of vesting service, but before age 65.

The Boeing North American Retirement Plan

EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Salaried (R01)

Retirement Benefits

a. Normal

Greatest of:

■ Regular Benefit

Monthly benefit equal to i. plus ii. plus iii.:

- i. \$5.75 per year of pre-1984 Qualifying Employment (maximum 35 years) plus 1½% of Average Qualifying Salary up to \$2,333.33 per year of pre-1984 credited service (maximum 35 years) in excess of pre-1984 Qualifying Employment (maximum 35 years).
- ii. 1-1/2% of Average Qualifying Salary over \$566.67 per year of pre-1984 Qualifying Employment (maximum 35 years).
- iii. 1-1/2% of Average Qualifying Salary minus Offset Percentage of Social Security Earnings Limit, per year of credited service (maximum 35 years) in excess of pre-1984 credited service (maximum 35 years).

Pre-84 credited service in excess of Qualifying Employment is reduced for the 35-year service maximum before post-83 credited service if so doing results in a greater benefit.

■ Minimum Benefit

1½% of Average Qualifying Salary up to \$2,333.33 per year of credited service (maximum 35 years).

■ Career Average Benefit

Benefit accrued December 31, 1988 plus, for each year of credited service thereafter, 1¾% of monthly basic compensation on January 1.

b. Regular Early

■ Lifetime Benefit

Benefit determined as for normal retirement, based on service and earnings to early retirement date, payable immediately with the following reductions:

- i. Employee with pre-1993 vesting service

Portion of benefit attributable to pre-2003 credited service is reduced 0.6% for each month by which benefit commencement precedes age 60. Balance of benefit is reduced by 0.5% for each month by which benefit commencement precedes age 62.

- ii. Employee without pre-1993 vesting service

Benefit is reduced by 0.5% for each month by which benefit commencement precedes age 62.

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EIN: 91-0425694

PN: 048

Schedule SB, Part V — Summary of Plan Provisions

Aerospace Salaried (R01)

Termination Benefits	On termination of employment after five years of vesting service, an employee is entitled to a deferred vested benefit determined as for normal retirement, based on service and earnings to date of termination. The benefit is payable without reduction beginning at age 65, or reduced from 44.03% at 55 to unreduced at age 65 at any time after age 55 if the employee had at least 10 years of vesting service at termination.
Death Benefits Before Retirement	Upon death, after completing five years of vesting service, the surviving spouse will receive a deferred benefit as if the former employee had survived to earliest retirement date, retired with the surviving spouse benefit per "Death Benefits After Retirement," section b below, and then died.
Death Benefits While Eligible for Retirement	<p>a. Lump Sum</p> <p>On death of a retired employee who is receiving a disability or retirement benefit (but not a vested termination benefit), the beneficiary is entitled to receive a lump-sum death benefit. The death benefit is based on the employee's basic compensation at time of retirement, grading from \$1,000 for monthly compensation of \$450 or less to \$5,000 for monthly compensation of \$2,000 or more.</p> <p>b. Surviving Spouse Benefit</p> <p>A 55% Survivor Annuity that would have been paid to the Participant if retired on the day before death for the spouse's remaining lifetime.</p>
Normal Form of Payment	Monthly pension benefits are paid a life annuity, if the participant has no spouse as of the date payments begin or if the participant so elects. Otherwise, benefits are paid in the form of 55% joint and survivor annuity option with "pop-up" (where annuity will "pop-up" to the benefit amount before the joint and survivor option election if the spouse predeceases the retired participants).
Optional Forms of Payment	<p>Participants can elect one of the following options:</p> <ul style="list-style-type: none">▶ Single Life Annuity▶ Joint and Survivor Annuity of 55%, 50%, 66-2/3%, 75% or 100% for a spouse annuitant, or 50%, 66 2/3%, or 100% for a non-spouse annuitant.▶ Accelerated Income Option (for early retirements before age 62).

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Schedule SB, Part V — Summary of Plan Provisions

Actuarial Equivalence for Annuity Conversion

Optional forms of payment are generally determined using actuarial equivalence with 6% interest and RP-2000 mortality projected to 2015 with Scale AA, blended 50/50 male/female, or simplified factors if greater. 417(e) minimum conversions use Applicable Interest Rates from November preceding the plan year.

Certain Salaried (R03)

As of the valuation date, no active participants are covered under this sub-plan. Terminated vested participants, retirees and beneficiaries covered by this sub-plan continue to be covered by these provisions.

Effective Date

- a. Sub-Plan December 31, 1940
- b. Latest Amendment Amendment No. 4, effective December 31, 2004

Definitions

- a. Earnings
Total salary or wages for the year (not in excess of \$160,000 for 1998, indexed thereafter) including overtime, accrued bonuses and commissions, but excluding elective deferrals of bonus, expense reimbursement, foreign service premium, performance awards, relocation payments, tuition payments and similar items.
- b. Average Annual Earnings
Highest amount that can be determined by averaging the Earnings for any five consecutive calendar years within the 10 calendar years immediately preceding the date of determination.
- c. Social Security Earnings Limit
The lesser of Average Annual Earnings, or the average of the Social Security wage bases during the 35 calendar years ending with the calendar year before the year in which employee reaches Social Security retirement age, assuming no change in the wage base after the calendar year of determination.
- d. Offset Percentage

Year of Birth	With Pre-1993 Service	No Pre-1993 Service
1937 and earlier	.455%	.480%
1938 thru 1954	.425%	.455%
1955 and later	.400%	.430%

Retirement dates

- a. Normal
First day of the month coincident with or next following the date employee reaches age 65.
- b. Regular Early
First day of any month after employee reaches age 55, but before age 65.

Certain Salaried (R03)

Retirement Benefits

a. Normal

Annual benefit equal to the greatest of:

- Career-Average ("Tack-On") Benefit

Benefit accrued December 31, 1993 plus, for each year of service thereafter, 1-1/2% of Earnings.

- Alternate Benefit

For an employee with pre-1993 service, the annual benefit equals i. minus ii:

- i. 2-2/3% of Average Annual Earnings per year of credited service (maximum 15 years) plus 0.5% of such earnings per year in excess of 15 (maximum 20 years). If date of determination is prior to age 62, benefit is determined as if the employee remained in covered employment until age 62 at the average annual earnings on the date of determination, and is multiplied by the ratio of actual service to service projected to age 62.
- ii. The Offset Percentage of the Social Security Earnings Limit per year of credited service (maximum 15 years) plus .25% of such limit per year in excess of 15 years (maximum 20 years). If date of determination is prior to age 62, the offset is determined as if employee remained in covered employment until the earlier of age 62 or 85 "points", and is multiplied by the ratio of actual service to service projected to earlier of age 62 or 85 "points".

For an employee with no pre-1993 service, the annual benefit equals 1-1/2% of Average Annual Earnings minus Offset Percentage of the Social Security Earnings Limit, per year of credited service (maximum 35 years).

- Minimum Benefit

1-1/2% of Average Annual Earnings up to a maximum of \$28,000 per year of credited service (no maximum).

Certain Salaried (R03)

b. Regular Early

Benefit determined as for normal retirement, based on service and earnings to early retirement date; payable immediately with reduction of 0.5% for each month that benefit commencement precedes the following unreduced retirement ages:

Benefit Attributable to	With Pre-1993 Service	No Pre-1993 Service
Pre-2003 Service	60	60
Post-2002 Service	62	62

▪ Supplemental Benefit

If employee is at least age 60 and has 15 years of service (or an employee with pre-1993 service is at least age 55 and has 30 years of service), a supplement of \$325 per month is payable until the earliest of age 62, eligibility for Social Security benefits, or death.

Termination Benefits

On termination of employment after five years of service, an employee is entitled to a deferred vested benefit determined as for normal retirement, based on credited service and earnings to date of termination. The benefit is payable without reduction beginning at age 62, or with reductions beginning as early as age 55, reduced from 57.9% at 55 to unreduced at age 62.

Death Benefits Before Retirement

Upon death, after completing five years of vesting, the surviving spouse will receive a benefit (commencing when the employee would have attained age 55 or at death, whichever is later) as if the employee had survived to age 55, retired with the joint and survivor annuity in “Death Benefits after Retirement”, section b. below, and then died.

Death Benefits While Eligible for Retirement

a. Lump Sum Benefit

On death of retired employee, the designated beneficiary is entitled to receive a lump-sum death benefit equal to 25% of the Average Annual Earnings at retirement, but not less than \$2,500 nor more than \$10,000.

b. Surviving Spouse Benefit

A 60% Survivor Annuity that would have been paid to the Participant if retired on the day before death for the spouse's remaining lifetime.

Normal Form of Payment

Single Life Annuity for unmarried participants, and 60% Joint and Survivor Annuity for married participants.

Optional Forms of Payment

Participants can elect one of the following options:

- ▶ Single Life Annuity
- ▶ Joint and Survivor Annuity of 60%, 75% or 100%, for a spouse joint annuitant, or 50%, 75% and 100% for a non-spouse joint annuitant.

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Actuarial Equivalence for Annuity Conversion Optional forms of payment are generally determined using actuarial equivalence with 6% interest and RP-2000 mortality projected to 2015 with Scale AA, blended 50/50 male/female, or simplified factors if greater.

Electronic Salaried (R28)

As of the valuation date, no active participants are covered under this sub-plan. Terminated vested participants, retirees and beneficiaries covered by this sub-plan continue to be covered by these provisions.

Effective Date	a. Sub-Plan	January 1, 1947
	b. Latest Amendment	Amendment No. 6, effective February 6, 2008.

Definitions	a. Earnings	Total salary or wages for the year (not in excess of \$160,000 for 1998, indexed thereafter) including overtime, accrued bonuses and commissions, but excluding expense reimbursement, foreign service premium, performance awards, relocation payments, tuition payments and similar items.
	b. Average Annual Earnings	Highest amount that can be determined by averaging the Earnings for any five consecutive calendar years within the 10 calendar years immediately preceding the date of determination.
	c. Social Security Earnings Limit	The lesser of Average Annual Earnings, or the average of the Social Security wage bases during the 35 calendar years ending with the calendar year before the year in which employee reaches Social Security retirement age, assuming no change in the wage base after the calendar year of determination.
	d. Offset Percentage	

Year of Birth	With Pre-1993 Service	No Pre-1993 Service
1937 and earlier	.455%	.480%
1938 thru 1954	.425%	.455%
1955 and later	.400%	.430%

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Schedule SB, Part V — Summary of Plan Provisions

Retirement Dates

a. Normal

First day of the month coincident with or next following the date employee reaches age 65.

b. Regular Early

First day of any month after employee reaches age 55, but before age 65.

Electronic Salaried (R28)

Retirement Benefits

a. Normal

Annual benefit equal to the greatest of:

- Career-Average ("Tack-On") Benefit

Benefit accrued December 31, 1993 plus, for each year of service thereafter, 1-0.5% of Earnings.

- Alternate Benefit

For an employee with pre-1993 service, the annual benefit equals i. minus ii:

- i. 2-2/3% of Average Annual Earnings per year of credited service (maximum 15 years) plus 0.5% of such earnings per year in excess of 15 (maximum 20 years). If date of determination is prior to age 62, benefit is determined as if the employee remained in covered employment until age 62 at the average annual earnings on the date of determination, and is multiplied by the ratio of actual service to service projected to age 62.
- ii. The Offset Percentage of the Social Security Earnings Limit per year of credited service (maximum 15 years) plus .25% of such limit per year in excess of 15 (maximum 20 years). If date of determination is prior to age 62, the offset is determined as if employee remained in covered employment until the earlier of age 62 or 85 "points", and is multiplied by the ratio of actual service to service projected to earlier of age 62 or 85 "points."

For an employee with no pre-1993 service, the annual benefit equals 1-1/2% of Average Annual Earnings minus Offset Percentage of the Social Security Earnings Limit, per year of credited service (maximum 35 years).

- Minimum Benefit

1-1/2% of Average Annual Earnings up to a maximum of \$28,000 per year of credited service (no maximum).

b. Regular Early

Benefit determined as for normal retirement, based on service and earnings to early retirement date; payable immediately with reduction of 0.5% for each month that benefit commencement precedes the following unreduced retirement ages:

Benefit Attributable To	With Pre-1993 Service	No Pre-1993 Service
Pre-2003 Service	60	62
Post-2002 Service	62	62

- Supplemental Benefit:

If employee is at least age 60 and has 15 years of service (or an employee with pre-1993 service is at least age 55 and has 30 years of service), a supplement of \$325 per month is payable until the earliest of age 62, eligibility for Social Security benefits, or death.

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Schedule SB, Part V — Summary of Plan Provisions

Electronic Salaried (R28)

Termination Benefits	On termination of employment after five years of service, an employee is entitled to a deferred vested benefit determined as for normal retirement, based on credited service and earnings to date of termination. The benefit is payable without reduction beginning at age 62, or with reductions beginning as early as age 55, reduced from 57.9% at 55 to unreduced at age 62.
Death Benefits Before Retirement	If employee dies before benefits commence, the surviving spouse will receive a benefit (commencing when the employee would have attained age 55 or at death, whichever is later) as if the employee had survived to age 55, retired with the joint and survivor annuity in "Death Benefits After Retirement", section b. below, and then died.
Death Benefits While Eligible for Retirement	<p>a. Lump Sum Benefit</p> <p>On death of retired employee, the designated beneficiary is entitled to receive a lump-sum death benefit equal to 25% of the Average Annual Earnings at retirement, but not less than \$2,500 nor more than \$10,000.</p> <p>b. Surviving Spouse Benefit</p> <p>A 60% Survivor Annuity that would have been paid to the Participant if retired on the day before death for the spouse's remaining lifetime.</p>
Normal Form of Payment	Single Life Annuity for unmarried participants, and 60% Joint and Survivor Annuity for married participants.
Optional Forms of Payment	<p>Participants can elect one of the following options:</p> <ul style="list-style-type: none">▶ Single Life Annuity▶ Joint and Survivor Annuity of 60%, 75% or 100%, for a spouse joint annuitant, or 50%, 75% and 100% for a non-spouse joint annuitant.
Actuarial Equivalence for Annuity Conversion	Optional forms of payment are generally determined using actuarial equivalence with 6% interest and RP-2000 mortality projected to 2015 with Scale AA, blended 50/50 male/female, or simplified factors if greater.

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Schedule SB, Part V — Summary of Plan Provisions

Collins Production (R30)

As of the valuation date, no active participants are covered under this sub-plan. Participants on leave, layoff, transferred employees, terminated vested employees, retirees and beneficiaries covered by this sub-plan continue to be covered by these provisions.

- Effective Date
- a. Sub-Plan January 1, 1947
 - b. Latest Amendment Amendment No. 2, effective January 1, 2002
- Retirement Dates
- a Normal
 - First day of the month following the employee's 65th birthday
 - b Regular Early
 - First day of any month after the employee reaches age 55 and completes 10 years of vesting service, but before age 65
- Retirement Benefits
- a. Normal
 - Monthly benefit equals the post-4/30/92 benefit unit times post-4/30/92 service (maximum 30 years), plus the pre-5/1/92 benefit unit times total service (maximum 30 years) in excess of post-4/30/92 service, plus a lifetime supplement of \$50. 12/31/92 is used instead of 4/30/92 for any employee eligible to retire before 1/1/93.

- Post-4/30/92 benefit unit:

Labor Grade	Cedar Rapids IBEW 1362	Cedar Rapids IBT 238	Cedar Rapids IBEW 1429	Newport Beach IBEW 2125	Dallas IUE 787	Shreveport IAM 281	Shreveport Attachment A
1	\$44.00			\$44.00	\$44.00	\$50.00	\$52.75
2	48.00			46.75	45.75	55.50	61.50
3	49.50			48.00	47.25	64.00	64.25
4	51.75			49.75	49.75		
5	54.75		\$52.00	52.00	52.00		
6	57.75	\$43.50		54.75	54.75		
7	60.75	44.75	47.00	58.00	58.00		
8	64.00	46.50		62.25	62.25		
9	66.50	48.00		66.00	66.00		
10	69.00	50.00		69.00	69.00		
11		52.50					
12		55.00					

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Schedule SB, Line 24 – Changes in Actuarial Assumptions

Schedule SB, Line 24 – Changes in Actuarial Assumptions

- Assumed benefit commencement age for deferred participants in the following subplans was changed as follows:
 - Collins Production (R030): Assumed retirement age for deferred participants with at least 10 years of vesting service at termination was changed from 55 to 60.
 - The Detroit Sub-Plan (R043): Assumed retirement age for deferred participants was changed from 60 to 63.
 - United Steelworkers Sub-Plan (R044): Assumed retirement age for deferred participants was changed from 60 to 62.
 - Certain Salaried Employees Sub-Plan (R090): Assumed retirement age for deferred participants was changed from 55 to 63.