

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>UNITED LAUNCH ALLIANCE PENSION PLAN FOR HOURLY REPRESENTED EMPLOYEES</u>	1b	Three-digit plan number (PN) ► <u>003</u>
		1c	Effective date of plan <u>05/02/1994</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>UNITED LAUNCH ALLIANCE</u> <u>9501 E PANORAMA CIR</u> <u>CENTENNIAL, CO 80112</u>	2b	Employer Identification Number (EIN) <u>81-0673845</u>
		2c	Plan Sponsor's telephone number <u>720-922-7100</u>
		2d	Business code (see instructions) <u>336410</u>

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

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/03/2017	MICHAEL COOPER
	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

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN
	3c Administrator's telephone number
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 2448
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).	
a(1) Total number of active participants at the beginning of the plan year.....	6a(1) 887
a(2) Total number of active participants at the end of the plan year	6a(2) 800
b Retired or separated participants receiving benefits.....	6b 646
c Other retired or separated participants entitled to future benefits	6c 854
d Subtotal. Add lines 6a(2) , 6b , and 6c	6d 2300
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	6e 85
f Total. Add lines 6d and 6e	6f 2385
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 10
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	
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)	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	(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	b General Schedules
(1) ☒ R (Retirement Plan Information)	(1) ☒ H (Financial Information)
(2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) ☐ I (Financial Information – Small Plan)
(3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(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 _____

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 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

▶ **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 <u>UNITED LAUNCH ALLIANCE PENSION PLAN FOR HOURLY REPRESENTED EMPLOYEES</u>	B Three-digit plan number (PN) ▶ <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>UNITED LAUNCH ALLIANCE</u>	D Employer Identification Number (EIN) <u>81-0673845</u>
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 <u>187633353</u>
b Actuarial value	2b <u>193148167</u>
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.....	<u>717</u> <u>62059427</u> <u>62059427</u>
b For terminated vested participants.....	<u>844</u> <u>28671409</u> <u>28671409</u>
c For active participants.....	<u>887</u> <u>97190941</u> <u>108745601</u>
d Total.....	<u>2448</u> <u>187921777</u> <u>199476437</u>
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 <u>6.15 %</u>
6 Target normal cost.....	6 <u>7334107</u>

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		<u>09/28/2017</u>
	Signature of actuary	Date
<u>PETER R. HORSTMAN</u>	Type or print name of actuary	<u>17-06241</u>
<u>AON CONSULTING, INC.</u>	Firm name	Most recent enrollment number
<u>5600 WEST 83RD STREET, 8200 TOWER, SUITE 1100 MINNEAPOLIS, MN 55437</u>	Address of the firm	<u>952-886-8000</u>
		Telephone number (including area code)

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

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

Schedule SB (Form 5500) 2016
v. 160205

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	11488650
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	5117012
9	Amount remaining (line 7 minus line 8)	0	6371638
10	Interest on line 9 using prior year's actual return of <u>-0.19</u> %	0	-12106
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>6.34</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)	0	6359532

Part III		Funding Percentages	
14	Funding target attainment percentage	14	93.63%
15	Adjusted funding target attainment percentage	15	93.63%
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	100.38%
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	
09/01/2017	3400000	0	
		Totals ►	18(b) 3400000 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 3078575
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:	<div style="display: flex; justify-content: space-around;"> <div>1st segment: 4.43%</div> <div>2nd segment: 5.91%</div> <div>3rd segment: 6.65%</div> </div>	☐ N/A, full yield curve used
b	Applicable month (enter code)	21b	0
22	Weighted average retirement age	22	61
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	7334107
b	Excess assets, if applicable, but not greater than line 31a	31b	0
32	Amortization installments:	Outstanding Balance	Installment
a	Net shortfall amortization installment	12687802	2096322
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	9430429
		Carryover balance	Prefunding balance
35	Balances elected for use to offset funding requirement	0	6359532
36	Additional cash requirement (line 34 minus line 35)	36	3070897
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	3078575
38	Present value of excess contributions for current year (see instructions)		
a	Total (excess, if any, of line 37 over line 36)	38a	7678
b	Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	7678
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40	Unpaid minimum required contributions for all years	40	0
Part IX	Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)		
41	If an election was made to use PRA 2010 funding relief for this plan:		
a	Schedule elected	☐ 2 plus 7 years ☐ 15 years	
b	Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011	
42	Amount of acceleration adjustment	42	
43	Excess installment acceleration amount to be carried over to future plan years	43	

<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 UNITED LAUNCH ALLIANCE PENSION PLAN FOR HOURLY REPRESENTED EMPLOYEES	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 UNITED LAUNCH ALLIANCE	D Employer Identification Number (EIN) 81-0673845

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

04-3609848

(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?
15 38 50	NONE	244477	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

AON HEWITT INVESTMENT CONSULTING

36-3109431

(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?
17 27 50	NONE	138710	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

HEWITT ASSOCIATES

47-0851756

(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	NONE	64608	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)

GRANT THORNTON LLP

36-6055558

(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	NONE	47667	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

COMPENSATION & BENEFIT SOLUTIONS

26-0586523

(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?
49 50 70	NONE	22095	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

NORTHERN TRUST COMPANY

36-1561860

(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?
15 50	NONE	18980	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)

ANTON COLLINS MITCHELL LLP

01-0724563

(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	NONE	8261	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

DRINKER BIDDLE & REATH LLP

23-1423089

(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	NONE	6481	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:	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:

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

Explanation:

<div>SCHEDULE D (Form 5500) <div>Department of the Treasury Internal Revenue Service</div><div>Department of Labor Employee Benefits Security Administration</div></div>		<div>DFE/Participating Plan 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>		<div>OMB No. 1210-0110</div> <div>2016</div> <div>This Form is Open to Public Inspection.</div>	
For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016					
A Name of plan UNITED LAUNCH ALLIANCE PENSION PLAN FOR HOURLY REPRESENTED EMPLOYEES			B Three-digit plan number (PN) ▶		003
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 UNITED LAUNCH ALLIANCE			D Employer Identification Number (EIN) 81-0673845		
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)					
a Name of MTIA, CCT, PSA, or 103-12 IE: UNITED LAUNCH ALLIANCE MASTER PENSI					
b Name of sponsor of entity listed in (a): UNITED LAUNCH ALLIANCE					
c EIN-PN 43-6931304-007		d Entity code M	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 199127830		
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)		

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

Schedule D (Form 5500) 2016 v.160205

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

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 UNITED LAUNCH ALLIANCE PENSION PLAN FOR HOURLY REPRESENTED EMPLOYEES	B Three-digit plan number (PN) ►	003
C Plan sponsor's name as shown on line 2a of Form 5500 UNITED LAUNCH ALLIANCE	D Employer Identification Number (EIN) 81-0673845	

Part I	Asset and Liability Statement
---------------	--------------------------------------

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)	0	3400000
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	187705450	199127830
(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	187705450	202527830

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	72097	105806
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	72097	105806

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	187633353	202422024
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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)	3400000	
(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)		3400000
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)		19866353
(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		23266353

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6534234	
(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)		6534234
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)	149961	
(2) Contract administrator fees.....	2i(2)	263457	
(3) Investment advisory and management fees.....	2i(3)	138710	
(4) Other	2i(4)	1391320	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		1943448
j Total expenses. Add all expense amounts in column (b) and enter total	2j		8477682

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		14788671
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

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

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

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

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

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

(1) Name: GRANT THORNTON

(2) EIN: 36-6055558

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

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

Part IV Compliance Questions

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

During the plan year:

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

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

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			
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 4002128. (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

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>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).</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>
For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016		
A Name of plan UNITED LAUNCH ALLIANCE PENSION PLAN FOR HOURLY REPRESENTED EMPLOYEES		B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 UNITED LAUNCH ALLIANCE		D Employer Identification Number (EIN) 81-0673845
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 36-1561860		
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 5
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☒ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month Day Year If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☒ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☒ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
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>24.0</u> % Investment-Grade Debt: <u>28.3</u> % High-Yield Debt: <u>0.0</u> % Real Estate: <u>17.2</u> % Other: <u>30.5</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 / / .	

**United Launch Alliance Pension
Plan for Hourly Represented
Employees**

Financial Statements

As of December 31, 2016 and 2015 and for
the Year Ended December 31, 2016



United Launch Alliance Pension Plan for Hourly Represented Employees

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Grant Thornton

Report of Independent Certified Public Accountants

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The United Launch Alliance Administrative Committee:
United Launch Alliance Pension Plan for Hourly Represented Employees

Report on the financial statements

We were engaged to audit the accompanying financial statements of United Launch Alliance Pension Plan for Hourly Represented Employees (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2016 and 2015, and the related statement of changes in net assets available for benefits for the year ended December 31, 2016, and the related notes to the financial statements.

Management's responsibility for the financial statements

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

Auditor's responsibility

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

Basis for disclaimer of opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the certified information described in Note 4, except for comparing such information with the related information included in the financial statements. We have been informed by the Plan administrator that the certifying entity meets the requirements of 29 CFR 2520.103-8. The Plan administrator obtained certifications from this entity as of December 31, 2016 and 2015, and for the year ended December 31, 2016, stating that the certified information provided to the Plan administrator is complete and accurate.

Disclaimer of opinion

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

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

The form and content of the information included in the financial statements, other than that derived from the certified information described in Note 4, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Grant Thornton LLP

Denver, CO
September 29, 2017

United Launch Alliance Pension Plan for Hourly Represented Employees

Statements of Net Assets Available for Benefits

	December 31,	
	2016	2015
Assets:		
Investments:		
Interest in ULA Master Trust, at fair value	\$ 199,127,830	\$ 187,705,450
Receivables:		
Employer contributions receivable	3,400,000	-
Total assets	202,527,830	187,705,450
Liabilities:		
Accrued expenses	(105,806)	(72,097)
Net assets available for benefits	\$ 202,422,024	\$ 187,633,353

See accompanying report of independent certified public accountants and notes to financial statements.

United Launch Alliance Pension Plan for Hourly Represented Employees

Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2016
Additions to (deductions from) net assets attributed to:	
Employer contributions	\$ 3,400,000
Plan's interest in ULA Master Trust investment income (Note 5)	19,866,353
Benefit payments	(6,534,234)
Administrative expenses	(1,943,448)
Net increase	14,788,671
Net assets available for benefits at beginning of year	187,633,353
Net assets available for benefits at end of year	<u>\$ 202,422,024</u>

See accompanying report of independent certified public accountants and notes to financial statements.

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

1. PLAN DESCRIPTION

The following description of the United Launch Alliance Pension Plan for Hourly Represented Employees (formerly, United Launch Alliance Retirement Plan for Employees in the Bargaining Units of the Space Systems Group) (the “Plan”) provides only general information. Participants should refer to the Summary Plan Description and Plan Document for a more complete description of the Plan’s provisions.

General

The Plan was originally established effective May 2, 1994 covering bargaining unit employees of the Lockheed Martin Space Systems Group who were covered under several collective bargaining agreements. Pursuant to a Joint Venture Agreement dated as of May 2, 2005, by and between The Boeing Corporation and Lockheed Martin Corporation, United Launch Alliance LLC (the “Company”) assumed sponsorship of the Plan effective December 1, 2006 including assuming the assets and liabilities of the Plan.

The Plan is a noncontributory defined benefit pension plan providing retirement benefits to eligible employees of the Company. Eligible employees are hourly employees of the Company as defined in and covered by the applicable Collective Bargaining Agreements in effect between the Company and the respective Unions. Also, all transferred employees, as defined, pursuant to the Joint Venture Agreement, continued to be eligible for the Plan. The Plan is subject to the Employee Retirement Income Security Act of 1974, as amended (“ERISA”).

Effective January 1, 2013, the Plan was amended to provide a partial freeze, which closed the Plan to employees of certain bargaining units hired on or after January 1, 2013.

On January 1, 2015 the Plan was amended to provide a freeze for certain represented employees effective December 31, 2016, at which time no additional benefit accruals can be earned. Effective January 1, 2017 the Plan was frozen. Credited service and salary increases will no longer increase the monthly benefit; however, service after January 1, 2017 will count towards vesting.

Administration

The United Launch Alliance Administrative Committee is responsible for the oversight of the administration and operation of the Plan. The United Launch Alliance Investment Committee establishes, amends and monitors compliance with investment policies, and selects and monitors the trustee, investment managers, and outside investment advisors and consultants to the Plan. The Board of Directors of the Company is responsible for appointing the committees.

The Northern Trust Company (“Northern Trust” or “Trustee”) is the trustee of the United Launch Alliance Master Pension Trust (the “ULA Master Trust”), which is the funding vehicle for the Plan and another Company sponsored Plan.

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

The Plan's operating, investment and administrative expenses are generally charged against Plan assets as provided for in the Plan and Master Trust documents (see Note 2 – *Investments in ULA Master Trust and Income Recognition*).

Benefits

The Plan provides for retirement benefits based on an amount payable at a selected age and in a selected form and is generally based upon the employee's accrued benefit. In general, the monthly benefit amount is calculated as a flat dollar rate determined under the effective collective bargaining agreement, multiplied by the number of years of credited service, as defined in the Plan Document, depending on the date of termination or retirement or respective freeze date. Normal retirement age is 65. The Plan also provides early retirement benefits at age 55 and other benefits upon meeting certain other conditions. Benefits are payable in the form of a joint and survivor annuity, single life annuity or other optional forms as further described in the Plan Document. Certain death and disability benefits are also available under the Plan if the prescribed criteria are met.

Vesting

Participants become fully vested upon completion of five years of service.

Funding Policy

The Company's funding policy is to contribute annually an amount so as to meet the minimum funding requirements and as recommended by the Plan's actuary. No employee contributions are required or permitted. During 2016 and 2015, the Plan met the minimum funding requirements of ERISA. The Company contributed \$3,400,000 and \$0, respectively, in contributions for the 2016 or 2015 Plan years.

Termination of the Plan

Although the Company has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions and to terminate the Plan, and it has reserved the right to do so. The rights of all affected participants to benefits accrued upon termination are nonforfeitable. Net assets of the Plan available to provide benefits would be allocated upon termination in accordance with the guidelines prescribed by the Plan and ERISA and its related regulations. If the Plan terminates, certain benefits under the Plan are insured by the Pension Benefit Guaranty Corporation ("PBGC"), a U.S. governmental agency. 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 covered plans, and the amount of benefit protection is subject to certain limitations. Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

obligations and may also depend on the financial condition of the plan sponsor and the level of benefits guaranteed by the PBGC.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accompanying financial statements have been prepared using the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires estimates to be made that affect the amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements. The most significant of these estimates relates to the determination of the accumulated plan benefits and the Plan's funded status. Actual results could differ from those estimates and could be material to the Plan's financial statements.

Investments in ULA Master Trust and Income Recognition

The fair value of the Plan's interest in the ULA Master Trust is based on the beginning of year value of the Plan's interest in the trust plus actual contributions and allocated investment income or loss (net of investment expenses) less actual distributions and administrative expenses.

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (see Note 6, *Fair Value Measurements and Disclosures*).

The change in net appreciation (depreciation) consists of both realized and unrealized gains and losses. Purchases and sales of investments are recorded on the trade date. Dividend income is recorded on the ex-dividend date. Interest income is recorded as earned.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those estimated future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions for services rendered by employees as of the valuation date. Accumulated plan benefits include benefits expected to be paid to: (1) retired or terminated employees or their beneficiaries; (2) beneficiaries of employees who have died; and (3) present employees or their beneficiaries. Benefits for retired, terminated and disabled employees or their beneficiaries are based on each former employee's credited service prior to his or her termination or retirement date or through the respective freeze date or valuation date (whichever is earlier). Accumulated plan benefits for active employees are based on each employee's credited service preceding the valuation date or through the respective freeze date or valuation date (whichever is earlier). Benefits payable under all circumstances -- retirement, death,

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

disability, and termination of employment - are deemed included to the extent they are attributable to employee service prior to the valuation date or through the respective freeze date, if applicable.

The Plan's actuary estimates the actuarial present value of accumulated plan benefits, which is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal or retirement) between the valuation date and the expected date of payment. The effect of Plan amendments on accumulated plan benefits is recognized during the year in which such amendments are adopted.

The Pension Protection Act of 2006, as amended by the Worker, Retiree and Employer Retiree and Employer Recovery Act of 2008 imposes certain benefit restrictions for qualified defined benefit plans that do not meet certain funding thresholds. A plan's funded percentage is referred to as the Adjusted Funding Target Attainment Percentage ("AFTAP"). The 2016 AFTAP for the Plan is 93.6%. Because the Plan's AFTAP met the required threshold, the Plan is not subject to any benefit restrictions.

Payment of Benefits

Benefits are recorded when paid.

3. ACCUMULATED PLAN BENEFITS

The present value of accumulated plan benefits, as determined by the actuary is as follows:

	December 31,	
	2016	2015
Actuarial present value of accumulated plan benefits:		
Vested benefits:		
Participants currently receiving payments	\$ 58,703,881	\$ 56,916,632
Current and terminated employees with vested benefits	118,051,654	110,803,436
Total vested benefits	176,755,535	167,720,068
Non-vested benefits	8,574,057	10,093,334
Total actuarial present value of accumulated plan benefits	\$ 185,329,592	\$ 177,813,402

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

The following comprises the changes in accumulated plan benefits:

Actuarial present value of accumulated plan benefits as of December 31, 2015	\$ 177,813,402
Increase (decrease) during year attributable to:	
Interest accumulation	12,658,750
Benefit payments	(6,534,234)
Assumption changes	(2,021,220)
Plan amendments	910,849
Benefit accruals and participant experience	2,502,045
Net change	7,516,190
Actuarial present value of accumulated plan benefits as of December 31, 2016	\$ 185,329,592

Significant actuarial assumptions used in the 2016 and 2015 valuations were (a) life expectancy of participants (RP2006 Fully Generational Scale MP 2016 for annuitants and non-annuitants with blue collar adjustment for 2016 and RP2006 Fully Generational Scale MP 2015 for annuitants and non-annuitants with blue collar adjustment for 2015), (b) assumed retirement age of 61 for 2016 and 2015, and (c) an annual discount rate of 7.25% in 2016 and 2015. The assumption change noted in the table above is due to the mortality table.

Plan amendments noted in the table above is due to the benefit multiplier for IAM participants being increased to \$50 effective June 2016.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. If the Plan were to terminate, different actuarial assumptions and other factors would be applicable in determining the actuarial present value of accumulated Plan benefits.

4. INFORMATION CERTIFIED BY THE PLAN'S TRUSTEE

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election and as requested by the plan administrator, the following information was not subjected to any auditing procedures performed by the Plan's independent certified public accountants except to compare the amounts to the financial statements:

- a. Investments as shown in the accompanying Statements of Net Assets Available for Benefits as of December 31, 2016 and 2015.

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

- b. Investment income from the Plan's interest in ULA Master Trust Investment as shown in the accompanying Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2016.
- c. Investment information provided in Note 5 as of December 31, 2016 and 2015, and for the year ended December 31, 2016.

5. ULA MASTER TRUST

The Plan had an interest in the ULA Master Trust as of December 31, 2016 and 2015 of approximately 42.1% and 44.7%, respectively. Each participating Plan has an undivided interest in the ULA Master Trust. Investment income and loss and related investment expenses are allocated to the individual participating plans based upon average monthly balances invested by each Plan.

The condensed statements of net assets for the ULA Master Trust as of December 31, 2016 and 2015 are as follows:

	2016	2015
Assets:		
Investments, at fair value:		
Cash and cash equivalents	\$ 11,811,869	\$ 2,385,940
Common/collective trusts	331,809,806	86,054,058
Common stocks	-	13,028,164
Registered investment companies	-	119,303,502
Limited partnership/private equity	56,801,773	45,086,461
Limited liability company	-	83,836,457
Limited partnership/real estate	72,183,454	70,501,168
	472,606,902	420,195,750
Due from brokers for securities sold	70,706	96,249
Investment income receivable	1,338,735	1,204,163
Total assets	474,016,343	421,496,162
Liabilities:		
Due to brokers for securities purchased	(1,201,320)	(1,139,890)
Other payables	(46,215)	(115,595)
Accrued investment expenses	(20,388)	(28,123)
Net assets	\$ 472,748,420	\$ 420,212,554

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

The following presents the change in net assets and net investment income of the ULA Master Trust for the year ended December 31, 2016:

Investment income (expense):	
Interest and dividends	\$ 4,683,723
Net realized and unrealized appreciation in fair value of investments	38,541,858
Other income	1,182,667
Investment expense	(201,612)
Total net investment income	44,206,636
Net transfers	8,329,230
Net increase	52,535,866
Net assets available for benefits at beginning of year	420,212,554
Net assets available for benefits at end of year	<u>\$ 472,748,420</u>

6. FAIR VALUE MEASUREMENTS AND DISCLOSURES

The Company uses 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 are described as follows:

- Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access;
- Level 2: Inputs to the valuation methodology include:
 - quoted prices for similar assets or liabilities in active markets;
 - quoted prices for identical or similar assets or liabilities in inactive markets;
 - inputs other than quoted prices that are observable for the asset or liability;
 - inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability;
- Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for investments at fair value. There have been no changes in the methodologies used at December 31, 2016 and 2015.

Cash equivalents: The money market fund consists of a portfolio which invests primarily in short-term U.S. Treasuries and repurchase agreements that are collateralized by Treasury Obligations and/or Government Obligations carrying full faith and credit of the U.S. Government. The fund seeks to maintain a stable net asset value ("NAV") at \$1.00 per share. The share price is based on the amortized cost of the portfolio securities, pursuant to Rule 2a-7 under the Investment Company Act.

Common Collective Trusts: The common collective trusts are valued based on the Plan's interest in the funds at NAV reported by the fund managers as of the financial statement date and recent transaction prices. The NAV is used as a practical expedient to estimate fair value. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported NAV. Fair values for the investments within these funds are based on quoted prices in active markets and securities valued using either observable inputs or quotations from inactive markets.

Limited Liability Company: The limited liability company's objective is to outperform the Barclays Capital Long US Credit Index by investing Fund assets through a diversified pool of long duration US investment-grade assets while seeking to maximize total return through a combination of income and capital appreciation. The LLC is valued based on the Plan's interest in the fund at NAV reported by the fund manager as of the financial statement date. The fund is generally available for redemption two times a month, however, certain restrictions may apply.

Common Stock: Common stock is valued at the published market price on an active market.

Limited Partnerships, Real Estate and Private Equity: The real estate and private equity limited partnerships seek superior long-term capital appreciation by investing (structured by classes of interest) in a diversified group of venture capital investment funds (VC class), private equity investment funds (PE class), and emerging markets investment funds (EM class), which are managed by seasoned investment managers and which generally are difficult for new investors to access. The UBS Trumbull Property Fund is a real estate partnership that is valued based on the Plan's interest in the fund at NAV as reported by the partnership. The remaining funds are all calculated by a third party and are based on fair value of underlying investments and ULA Master Trust's share of the partnership. There is little to no market activity to determine the fair value of the investment and a significant degree of judgment is used in determining values. Estimated fair values generally are based on the partner's capital account (which can be one to two quarters in arrears) adjusted for capital contribution or divestiture activity through yearend. The partner capital account, as determined by the terms of the partnership agreement approximates fair value.

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

There are also certain restrictions on the sale of limited partnership interests and these limited partnerships may draw capital over a stated period of time, as stated in the partnership agreements. During the years ended December 31, 2016 and 2015, approximately \$15,000,000 and \$24,000,000, respectively, were funded to these limited partnerships.

Registered Investment Companies: Registered investment companies are valued at the NAV and is determined based on the fair value of the underlying assets.

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

The following table reflects the investments of the ULA Master Trust that are measured and carried at fair value on a recurring basis as of December 31, 2016:

Asset Category	Level 1	Level 2	Level 3	Total
Cash equivalents	\$ -	\$ 11,811,869	\$ -	\$ 11,811,869
Real estate partnerships	-	-	66,259,430	66,259,430
Limited partnerships	-	-	56,801,773	56,801,773
Total assets in the fair value hierarchy		11,811,869	123,061,203	134,873,072
Investments measured at net asset value (a)				337,733,830
Total investments at fair value				\$ 472,606,902

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

The following table reflects the investments of the ULA Master Trust that are measured and carried at fair value on a recurring basis as of December 31, 2015:

Asset Category	Level 1	Level 2	Level 3	Total
Cash equivalents	\$ -	\$ 2,385,940	\$ -	\$ 2,385,940
Corporate and foreign stock	13,028,164	-	-	13,028,164
Real estate partnerships	-	-	64,990,528	64,990,528
Limited partnerships	-	-	45,086,461	45,086,461
Limited liability company	-	83,836,457	-	83,836,457
Registered investment companies	-	119,303,502	-	119,303,502
Total assets in the fair value hierarchy	13,028,164	205,525,899	110,076,989	328,631,052
Investments measured at net asset value (a)				91,564,698
Total investments at fair value				\$ 420,195,750

- (a) In accordance with Subtopic 820-10, certain investments that were measured at NAV per share (or its equivalent), as a practical expedient, have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the ULA Master Trust's statements of net assets available for plan benefits.

The following table sets forth a summary of changes in the fair value of the Plan's level 3 investments for the year ended December 31, 2016:

	Real Estate and Private Equity (Limited Partnerships)
Balance, beginning of year	\$ 110,076,989
Realized gains/(losses)	2,462,001
Unrealized gains/(losses) relating to instruments still held at the reporting date	10,749,224
Purchases	16,840,611
Sales	(17,067,622)
Balance, end of year	<u>\$ 123,061,203</u>

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

The availability of observable market data is monitored to assess the appropriate classification of financial statements 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. For the year ended December 31, 2016, there were no significant transfers in or out of levels 1, 2, or 3.

The following table represents the Plan's level 3 financial instruments, the valuations techniques used to measure the fair value of those financial instruments, and the significant unobservable inputs and the range of values for those inputs:

December 31, 2016

Instrument	Fair Value	Principal Valuation Technique	Unobservable Inputs	Range of significant input values
Limited partnership – Real estate	\$ 66,259,430	Partner's adjusted capital account	Formulas as set forth in the partnership agreements	N/A
Private equity	\$ 56,801,773	Partner's adjusted capital account	Formulas as set forth in the partnership agreements	N/A

December 31, 2015

Instrument	Fair Value	Principal Valuation Technique	Unobservable Inputs	Range of significant input values
Limited partnership – Real estate	\$ 64,990,528	Partner's adjusted capital account	Formulas as set forth in the partnership agreements	N/A
Private equity	\$ 45,086,461	Partner's adjusted capital account	Formulas as set forth in the partnership agreements	N/A

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

Investments Measured Using the Net Asset Value per Share Practical Expedient

The following table summarizes investments for which fair value is measured using the net asset value per share practical expedient as of December 31, 2016 and 2015, respectively.

<i>Year Ended December 31,</i>	<i>Investment Type</i>	<i>Fair Value</i>	<i>Unfunded Commitments</i>	<i>Redemption Frequency</i>	<i>Redemption Notice Period</i>
2016	Limited Partnership-Real Estate (a)	\$ 5,924,024	None	Quarterly	60 days for full redemption
2016	Common collective trusts- equity and fixed income	\$ 156,349,088	None	Daily	None
2016	Common collective trusts- real estate	\$ 1,480,048	None	Daily	1 day
2016	Group trust investment fund (b)	\$ 173,980,670	None	Daily	15 day notice
2015	Limited Partnership-Real Estate (a)	\$ 5,510,640	None	Quarterly	60 days for full redemption
2015	Common collective trusts- equity and fixed income	\$ 84,641,409	None	Daily	None
2015	Common collective trusts- real estate	\$ 1,412,649	None	Daily	1 day

- (a) The purpose of the fund is to actively manage a core portfolio of primarily equity real estate investments located in the United States.
- (b) The purpose of the fund is to achieve a total return by investing in a diversified portfolio of fixed-income securities with maturities generally exceeding 10 years.

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

7. INCOME TAX STATUS

The Plan has received a determination letter from the Internal Revenue Service (“IRS”) dated January 25, 2017 stating that the Plan is designed in compliance with the applicable requirements of the Code. The Plan is required to operate in conformity with the Internal Revenue Code (the “Code”) to maintain its tax-qualified status. The Plan has been amended since receiving the determination letter. However, the plan administrator believes the Plan is currently designed and being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan is qualified and the related Trust is tax exempt. However, there are certain investments (limited partnerships) which may subject the ULA Master Trust to Unrelated Business Taxable Income (UBTI), which the Trust will file appropriate income tax returns with the IRS and pay applicable taxes annually. These amounts are immaterial to the Plan’s financial statements.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded for the year ended December 31, 2016, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

8. PARTY-IN-INTEREST AND RELATED PARTY TRANSACTIONS

The ULA Master Trust holds certain investments managed by the Trustee. Transactions in these investments are party-in-interest transactions. The ULA Master Trust and the Plan pay actuarial, audit, custodial, investment management, investment advisory and legal fees from the Trust. Such transactions constitute party-in-interest transactions. These transactions are exempt from the prohibited transaction rules.

9. CONCENTRATIONS, RISKS AND UNCERTAINTIES

The ULA Master Trust invests in various investment securities. Investments in general, are subject to various risks, such as interest rate, credit and overall market volatility risk. Additionally, the value, liquidity and related income of the investment securities are sensitive to changes in economic conditions, including real estate values, delinquencies, and defaults and may be adversely affected by shifts in the market’s perception of the issuers and changes in interest rates. Certain investments (limited partnerships and private equity) are less liquid and have restrictions on their sale. Forced liquidation, although not expected at this time, may affect the estimated value of such investments. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in the value of investments will occur in the near term and that such changes could materially affect the amounts reported in the Statements of Net Assets Available for Benefits and

United Launch Alliance Pension Plan for Hourly Represented Employees

Notes to Financial Statements

the funded status of the Plan. For the years ended December 31, 2016 and 2015 there were two investments held in the master trust which individually accounted for more than 10% of net assets available for benefits.

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

10. COMMITMENTS

The ULA Master Trust's investment in the limited partnerships and real estate partnerships contains commitments totaling \$160 million of which approximately \$124 million had been funded and invested as of December 31, 2016. During 2016 approximately \$15 million of capital calls were funded and invested.

11. SUBSEQUENT EVENTS

The Company has evaluated subsequent events through September 29, 2017, which is the date the financial statements were available to be issued. There were no events or transactions discovered during the evaluation that require recognition or disclosure in the financial statements, except related to the Plan freeze effective January 1, 2017 as noted in Note 1.

Schedule SB Attachment (Form 5500)—2016 Plan Year
 United Launch Alliance Pension Plan for Hourly Represented Employees
 EIN: 81-0673845 PN: 003

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

Attained Age	Number of Participants									
	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25		2								
25-29		29	5							
30-34		25	15	2						
35-39		19	14	9	5					
40-44		19	22	10	18					
45-49		19	18	27	28	15	6	1		
50-54		20	15	51	48	24	24	4	1	
55-59		10	17	61	53	26	36	22	4	
60-64		8	9	21	32	24	27	10	3	
65-69		2	1	4	1	3	7	4	1	
70+			1		1		3	1		

N-887

Schedule SB Attachment (Form 5500)—2016 Plan Year
 United Launch Alliance Pension Plan for Hourly Represented Employees
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Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with no lookback (as of January 2016), each adjusted as needed to fall within the 25-year average interest rate corridor under HATFA
1st Segment Rate	4.43%
2nd Segment Rate	5.91%
3rd Segment Rate	6.65%
Interest Rates for Maximum Tax Purposes	Based on segment rates with no lookback (as of January 2016), without regard to interest rate stabilization
1st Segment Rate	1.41%
2nd Segment Rate	3.96%
3rd Segment Rate	4.97%
Salary Increases	BCERP: See Table 1 SS Cape Canaveral Participants: 4.50% All others: Not applicable
Social Security Wage Base Increases	Future wage indices are based on a national wage increase of 3.00% per year.
Optional Payment Form Election Percentage	Males: 30% single life annuity 35% "low" joint and survivor annuity 35% "high" 100% joint and survivor annuity Female: 75% single life annuity 12.5% "low" joint and survivor annuity 12.5% "high" 100% joint and survivor annuity Low = 55% for MDC-W, 50% all others High = 75% for MDC-W and SSH, 100% for BCERP and SSB
Optional Payment Form Conversion Interest Rate	SSB: 7% SSH: 5.5% All others: Not applicable
Optional Payment Form Conversion Mortality	SSB: 1994 Uninsured Pensioner SSH: 1971 Group Annuity All others: Not applicable

Schedule SB Attachment (Form 5500)—2016 Plan Year
 United Launch Alliance Pension Plan for Hourly Represented Employees
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Retirement Age	
Active Participants	See Tables 2–4
Terminated Vested Participants	Age 61
Mortality Rates	
Healthy and Disabled	2016 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	See Table 5
Disability Rates	See Table 6
Decrement Timing	Middle of year decrements (except that retirement is assumed to occur at the beginning of the year for ages where the assumed retirement rate is 100%)
Surviving Spouse Benefit	It is assumed that 80% of males and 80% of females have an eligible spouse, and that males are three years older than their spouses.
Valuation Compensation	Annual base pay, plus incentive compensation, and lump-sum merits
Benefit and Compensation Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$210,000 and the IRC section 401(a)(17) compensation limit of \$265,000.
Valuation of Plan Assets	<p>Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.</p> <p>A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).</p>

Schedule SB Attachment (Form 5500)—2016 Plan Year
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Expected Return on Assets

2014 Plan Year	8.00%, limited to 6.99%
2015 Plan Year	7.75%, limited to 6.81%
2016 Plan Year	7.25%, limited to 6.65%

Trust Expenses Included in Target Normal Cost \$1,778,000 for 2016. Based on expected administrative expenses to be paid during the next year.

Actuarial Method Standard unit credit cost method

Valuation Date January 1, 2016

Schedule SB Attachment (Form 5500)—2016 Plan Year
 United Launch Alliance Pension Plan for Hourly Represented Employees
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Table 1

Salary Merit Increase Rates – BCERP

Age	Rate	Age	Rate
15	9.00%	45	5.70%
16	9.00%	46	5.60%
17	9.00%	47	5.50%
18	9.00%	48	5.40%
19	9.00%	49	5.30%
20	9.00%	50	5.20%
21	9.00%	51	5.10%
22	9.00%	52	5.00%
23	9.00%	53	4.90%
24	9.00%	54	4.80%
25	9.00%	55	4.70%
26	9.00%	56	4.60%
27	8.80%	57	4.50%
28	8.60%	58+	4.50%
29	8.40%		
30	8.20%		
31	8.00%		
32	7.80%		
33	7.60%		
34	7.40%		
35	7.20%		
36	7.00%		
37	6.80%		
38	6.60%		
39	6.40%		
40	6.20%		
41	6.10%		
42	6.00%		
43	5.90%		
44	5.80%		

Schedule SB Attachment (Form 5500)—2016 Plan Year
United Launch Alliance Pension Plan for Hourly Represented Employees
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Table 2

Retirement Rates – BCERP

Age	Rate
55	10.00%
56	10.00%
57	10.00%
58	10.00%
59	13.00%
60	15.00%
61	15.00%
62	20.00%
63	20.00%
64	20.00%
65	30.00%
66	20.00%
67	20.00%
68	20.00%
69	20.00%
70+	100.00%

Schedule SB Attachment (Form 5500)—2016 Plan Year
 United Launch Alliance Pension Plan for Hourly Represented Employees
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Table 3

Retirement Rates – MDC West

Age	Rate
50	5.00%
51	5.00%
52	10.00%
53	10.00%
54	10.00%
55	10.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	5.00%
61	10.00%
62	30.00%
63	25.00%
64	25.00%
65	30.00%
66	25.00%
67	25.00%
68	25.00%
69	30.00%
70+	100.00%

Schedule SB Attachment (Form 5500)—2016 Plan Year
United Launch Alliance Pension Plan for Hourly Represented Employees
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Table 4

Retirement Rates – SSB & SSH

Age	Rate
55	10.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	15.00%
61	15.00%
62	30.00%
63	20.00%
64	20.00%
65	40.00%
66	30.00%
67	20.00%
68	20.00%
69	35.00%
70+	100.00%

Schedule SB Attachment (Form 5500)—2016 Plan Year
United Launch Alliance Pension Plan for Hourly Represented Employees
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Table 5—Page 1 of 2

Withdrawal Rates

Age	Years of Service			
	0-1	2-4	5-9	10+
15	31.7120%	0.0000%	0.0000%	0.0000%
16	31.7120%	0.0000%	0.0000%	0.0000%
17	31.7120%	0.0000%	0.0000%	0.0000%
18	31.7120%	0.0000%	0.0000%	0.0000%
19	16.1840%	0.0000%	0.0000%	0.0000%
20	14.3920%	12.7710%	0.0000%	0.0000%
21	17.9040%	16.3710%	0.0000%	0.0000%
22	19.2560%	17.6400%	15.7500%	0.0000%
23	19.0800%	17.6220%	15.8445%	0.0000%
24	18.1600%	16.4880%	14.9625%	0.0000%
25	17.3920%	15.4260%	13.6080%	0.0000%
26	16.7600%	14.6430%	11.8545%	0.0000%
27	16.3280%	13.7610%	10.4685%	0.0000%
28	15.5360%	13.0680%	9.6075%	9.1875%
29	14.9840%	12.5370%	9.1245%	5.4705%
30	14.8880%	12.2220%	8.8095%	5.0820%
31	15.0640%	11.7810%	8.4210%	5.6595%
32	14.6560%	11.3400%	8.1480%	5.7435%
33	13.9120%	10.7730%	7.9380%	5.5650%
34	13.5520%	10.1970%	7.7385%	5.4075%
35	13.4240%	9.9180%	7.5075%	5.2710%
36	13.3520%	9.8820%	7.1925%	5.1135%
37	13.0320%	9.8910%	7.0140%	4.9140%
38	12.8000%	9.6930%	6.7620%	4.6515%
39	12.2880%	9.5310%	6.5835%	4.5360%
40	12.7280%	9.3150%	6.3105%	4.3575%
41	12.7520%	9.0090%	6.1845%	4.1265%
42	12.8400%	8.7480%	6.1320%	4.0530%
43	12.7840%	8.7390%	6.0375%	4.0005%
44	12.7040%	8.6580%	6.0585%	3.9795%

Schedule SB Attachment (Form 5500)—2016 Plan Year
 United Launch Alliance Pension Plan for Hourly Represented Employees
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Table 5—Page 2 of 2

Withdrawal Rates

Age	Years of Service			
	0-1	2-4	5-9	10+
45	12.3840%	8.5230%	6.1110%	3.9165%
46	12.4880%	8.5860%	6.1005%	3.8220%
47	12.2400%	8.5230%	5.8905%	3.8430%
48	12.1200%	8.4330%	5.7960%	3.8850%
49	12.4240%	8.1180%	5.8800%	3.8325%
50	12.4800%	8.0100%	5.5860%	3.6645%
51	12.2800%	8.3880%	5.3865%	3.5490%
52	11.4800%	8.5680%	5.2395%	3.5175%
53	11.4720%	8.3160%	4.9350%	3.3810%
54	11.3360%	7.9200%	4.3260%	2.4885%
55	10.8160%	7.0380%	2.7195%	0.9240%
56	10.2720%	6.7410%	1.9320%	0.2415%
57	10.1280%	6.9030%	1.6170%	0.1155%
58	10.1920%	6.9120%	1.6590%	0.2310%
59	10.8000%	7.1460%	2.0160%	0.3255%
60	10.9040%	7.0560%	2.2260%	0.2100%
61+	0.0000%	0.0000%	0.0000%	0.0000%

Schedule SB Attachment (Form 5500)—2016 Plan Year
United Launch Alliance Pension Plan for Hourly Represented Employees
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Table 6

Disability Rates

Age	Male	Female	Age	Male	Female
15	0.03%	0.03%	45	0.16%	0.24%
16	0.03%	0.03%	46	0.18%	0.27%
17	0.03%	0.03%	47	0.21%	0.30%
18	0.03%	0.03%	48	0.25%	0.33%
19	0.03%	0.03%	49	0.28%	0.36%
20	0.03%	0.03%	50	0.33%	0.40%
21	0.03%	0.03%	51	0.39%	0.44%
22	0.03%	0.03%	52	0.46%	0.49%
23	0.03%	0.03%	53	0.53%	0.54%
24	0.03%	0.03%	54	0.61%	0.59%
25	0.03%	0.03%	55	0.69%	0.64%
26	0.03%	0.03%	56	0.77%	0.69%
27	0.03%	0.03%	57	0.86%	0.74%
28	0.03%	0.04%	58	0.95%	0.80%
29	0.03%	0.04%	59	1.05%	0.85%
30	0.03%	0.04%	60	1.15%	0.90%
31	0.03%	0.05%	61	1.26%	0.96%
32	0.03%	0.05%	62	1.38%	1.01%
33	0.03%	0.06%	63	1.51%	1.05%
34	0.03%	0.06%	64	1.64%	1.09%
35	0.04%	0.07%	65+	0.00%	0.00%
36	0.04%	0.08%			
37	0.05%	0.09%			
38	0.06%	0.10%			
39	0.07%	0.12%			
40	0.08%	0.13%			
41	0.09%	0.15%			
42	0.10%	0.17%			
43	0.12%	0.19%			
44	0.14%	0.22%			

Schedule SB Attachment (Form 5500)—2016 Plan Year
United Launch Alliance Pension Plan for Hourly Represented Employees
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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> 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

► **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 UNITED LAUNCH ALLIANCE PENSION PLAN FOR HOURLY REPRESENTED EMPLOYEES	B Three-digit plan number (PN) ►	003
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF UNITED LAUNCH ALLIANCE LLC	D Employer Identification Number (EIN) 81-0673845	

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500
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Part I Basic Information			
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2016</u>		
2	Assets:		
	a Market value.....	2a	187,633,353
	b Actuarial value	2b	193,148,167
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	717	62,059,427
	b For terminated vested participants	844	28,671,409
	c For active participants	887	97,190,941
	d Total	2,448	187,921,777
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	6.15%
6	Target normal cost	6	7,334,107

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	<u>09/28/2017</u> Date
	PETER R. HORSTMAN Type or print name of actuary	<u>1706241</u> Most recent enrollment number
	AON CONSULTING, INC. Firm name	<u>952-886-8000</u> Telephone number (including area code)
	5600 WEST 83RD STREET, 8200 TOWER, SUITE 1100 MINNEAPOLIS MN 55437 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 ☐

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

Schedule SB (Form 5500) 2016
v. 160205

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	11,488,650
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	5,117,012
9	Amount remaining (line 7 minus line 8).....	0	6,371,638
10	Interest on line 9 using prior year's actual return of <u>-0.19%</u>	0	-12,106
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>6.34%</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).....	0	6,359,532

Part III		Funding Percentages	
14	Funding target attainment percentage	14	93.63%
15	Adjusted funding target attainment percentage.....	15	93.63%
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	100.38%
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
09/01/2017	3,400,000	0			
Totals ▶			18(b)	3,400,000	18(c)
					0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	19c	3,078,575

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:	1st segment: 4.43 %	2nd segment: 5.91 %	3rd segment: 6.65 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 0
22 Weighted average retirement age				22 61
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	7,334,107	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment.....	12,687,802		2,096,322
b Waiver amortization installment	0		0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	9,430,429	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	6,359,532	6,359,532
36 Additional cash requirement (line 34 minus line 35).....	36	3,070,897	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	3,078,575	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	7,678	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	7,678	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....	39	0	
40 Unpaid minimum required contributions for all years	40	0	

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

41 If an election was made to use PRA 2010 funding relief for this plan:				
a Schedule elected	☐ 2 plus 7 years	☐ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008	☐ 2009	☐ 2010	☐ 2011
42 Amount of acceleration adjustment	42			
43 Excess installment acceleration amount to be carried over to future plan years	43			

Schedule SB Attachment (Form 5500)—2016 Plan Year
United Launch Alliance Pension Plan for Hourly Represented Employees
EIN: 81-0673845 PN: 003

Schedule SB, line 19—Discounted Employer Contributions

Year applied for contributions: 2016

Date	Amount	Days to Discount to 1/1/2016 at 6.15%	Interest Adjusted Contribution
September 1, 2017	<u>\$ 3,400,000</u>	609	<u>\$ 3,078,575</u>
Total Contribution	\$ 3,400,000		\$ 3,078,575

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

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age. The average retirement age shown in line 22 is based on the BCERP group

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BCERP (a)	(b)	(c)	(d) Product
Age	Rate	Weight	(a) × (b) × (c)
55.5	10.00%	1.0000	5.55
56.5	10.00%	0.9000	5.09
57.5	10.00%	0.8100	4.66
58.5	10.00%	0.7290	4.26
59.5	13.00%	0.6561	5.07
60.5	15.00%	0.5708	5.18
61.5	15.00%	0.4852	4.48
62.5	20.00%	0.4124	5.16
63.5	20.00%	0.3299	4.19
64.5	20.00%	0.2639	3.40
65.5	30.00%	0.2112	4.15
66.5	20.00%	0.1478	1.97
67.5	20.00%	0.1182	1.60
68.5	20.00%	0.0946	1.30
69.5	20.00%	0.0757	1.05
70	100.00%	0.0605	4.24
Weighted Average			61.35

SSB & SSH (a)	(b)	(c)	(d) Product
Age	Rate	Weight	(a) × (b) × (c)
55.5	10.00%	1.0000	5.55
56.5	5.00%	0.9000	2.54
57.5	5.00%	0.8550	2.46
58.5	5.00%	0.8123	2.38
59.5	5.00%	0.7716	2.30
60.5	15.00%	0.7331	6.65
61.5	15.00%	0.6231	5.75
62.5	30.00%	0.5296	9.93
63.5	20.00%	0.3707	4.71
64.5	20.00%	0.2966	3.83
65.5	40.00%	0.2373	6.22
66.5	30.00%	0.1424	2.84
67.5	20.00%	0.0997	1.35
68.5	20.00%	0.0797	1.09
69.5	35.00%	0.0638	1.55
70	100.00%	0.0415	2.90
Weighted Average			62.05

MDC W (a)	(b)	(c)	(d) Product
Age	Rate	Weight	(a) × (b) × (c)
50.5	5.00%	1.0000	2.53
51.5	5.00%	0.9500	2.45
52.5	10.00%	0.9025	4.74
53.5	10.00%	0.8123	4.35
54.5	10.00%	0.7310	3.98
55.5	10.00%	0.6579	3.65
56.5	5.00%	0.5921	1.67
57.5	5.00%	0.5625	1.62
58.5	5.00%	0.5344	1.56
59.5	5.00%	0.5077	1.51
60.5	5.00%	0.4823	1.46
61.5	10.00%	0.4582	2.82
62.5	30.00%	0.4124	7.73
63.5	25.00%	0.2887	4.58
64.5	25.00%	0.2165	3.49
65.5	30.00%	0.1624	3.19
66.5	25.00%	0.1137	1.89
67.5	25.00%	0.0852	1.44
68.5	25.00%	0.0639	1.09
69.5	30.00%	0.0479	1.00
70	100.00%	0.0336	2.35
Weighted Average			59.10

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Schedule SB, Part V—Summary of Plan Provisions

Former BCERP Plan Participants

Effective Date	December 1, 2006. Plan was created via a de minimis spinoff of assets and liabilities from The Boeing Company Employee Retirement Plan (the "Prior Plan") as of this date. Most recent amendment effective June 2015.
Plan Year	Calendar year.
Most Recent Collective Bargaining Agreements	June 2015.
Covered Employees	Represented ULA employees who are members of the IAM, AFL-CIO, Local 44 (Decatur, Alabama).
Participation Date	Covered employee and completion of one year of service. Employees who were participants in the prior plan automatically become participants in this plan as of the effective date.
Definitions	
Vesting Service	One year for each calendar year in which the participant completes at least 1,000 hours of service.
Credited Service	One year for each calendar year in which the participant completes 2,000 or more hours of service after becoming an employee. Partial years of service are granted for years in which the participant completes 1,000–1,999 hours.
Complement Benefit	A fixed dollar benefit established January 1, 1996 to replace the supplemental past service benefit and the supplemental future benefit as of December 31, 1995. The fixed amount is equal to the participant's supplemental benefit as of December 31, 1995 multiplied by 135%.
Covered Compensation	35-year average of Social Security taxable wage bases ending in the year of termination.
Final Average Earnings	Average of the highest 60 consecutive calendar months of basic annual compensation rates during the prior 10-year period.

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Normal Retirement Date First of month coinciding with or next following the attainment of age 65 and five years of vesting service.

Social Security Benefit The estimated primary insurance amount payable to the participant at the earliest age under the Social Security Act, as amended, in effect on the earlier of normal retirement date or the date of termination. For early retirements, no future earnings are assumed. For terminations, earnings at termination are assumed to be constant until age 65.

Basic Annual Compensation Rate Compensation rate in effect for a permanent employee. Annual rate includes elective deferrals but excludes overtime pay, shift differentials, and awards pay.

Actuarial Equivalence For purposes of calculating the life and 10-year certain option.

Age	Factor
50	0.99
55	0.98
60	0.77
65	0.95
70	0.90
75	0.82

For other purposes not disclosed, based on the applicable mortality table under 417(e) and the applicable interest rate (30-year Treasury rate for November of prior plan year).

Normal Retirement Eligibility Attainment of normal retirement date.

Monthly Benefit The greater of (1) and (2) below.

- (1) The complement benefit plus the basic benefit. The basic benefit is the rate in the table below times years of credited service.

Effective Date	Benefit Rate
Before 6/1/2012	\$80
6/1/2012	\$83
6/1/2013	\$84
6/1/2014	\$85
6/1/2015	\$95

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IAM participants within the ULA Bargained plan was frozen effective January 2017.

- (2) The sum of (a) and (b) below (final average benefit). If hired before January 1, 1993, a minimum benefit of 1.5% final average earnings – 1.25% Social Security benefit times credited service applies.
- a. Core Benefit: 1.025% final average earnings times credited service.
 - b. Excess Benefit: 0.450% final average earnings over covered compensation times credited service.

Early Retirement
Eligibility

Age 55 and 10 years of vesting service or age 62 and one year of credited service.

Monthly Benefit

Basic benefit and core benefit reduced 2% for each year payment commences prior to age 60. Excess benefit reduced 5% for each year payment commences prior to age 60. Final average benefit, if hired before 1993 and minimum is applicable, is reduced 3% for each year payment commences prior to age 60.

Vested Termination
Eligibility

Five years of vesting service.

Monthly Benefit

Normal retirement benefit reduced 6.0% for each year payment commences prior to normal retirement date.

Disability
Eligibility

Permanently and totally disabled while on active payroll after attaining age 50 and 10 years of vesting service.

Monthly Benefit

Unreduced normal retirement benefit.

Postponed Retirement
Eligibility

Retirement after normal retirement date.

Monthly Benefit

Normal retirement benefit calculated using actual pay and service as of retirement date.

Preretirement Death Benefit
Eligibility

Five years of vesting service. Payable to surviving spouse.

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Monthly Benefit	Normal retirement benefit as of the date of death, reduced to later of earliest retirement age or current age (using early-retirement factors if eligible for early retirement), and further reduced for election of joint and survivor annuity. If participant is not eligible to retire, the surviving spouse receives 50% of the above benefit.
Postretirement Death Benefit	
Eligibility	Retired from active service.
Benefit	\$2,000.
Form of Payment	
Normal Form	
Unmarried Participants	Life annuity.
Married Participants	50% joint and survivor annuity with pop up feature (with 95% reduction factor).
Optional Forms	(1) 75% joint and survivor annuity with pop up feature (90% reduction factor). (2) 100% joint and survivor annuity with pop up feature (85% reduction factor). (3) Life and 10 year certain option. (4) Accelerated income (not available on disability benefit).
Small Benefits	If the actuarial equivalent value of participant's benefit does not exceed \$5,000 at termination, a lump sum distribution is paid.

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Former MDC-W Plan Participants

Effective Date	December 1, 2006. Plan was created via a de minimis spin off of assets and liabilities from The Boeing Company MDC Hourly West Employee Retirement Income Plan ("Prior Plan"). Most recent amendment effective June 2015.
Plan Year	Calendar year.
Most Recent Collective Bargaining Agreements	June 2015.
Covered Employees	Represented ULA employees who are members of the following unions: <ul style="list-style-type: none"> ▪ IAM, AFL-CIO, Local 725 (Cape Canaveral, Florida and Vandenberg AFB, California) ▪ IUOE, AFL-CIO, Local 501 (Weldors) (Huntington Beach, California)
Participation Date	Covered employee and completion of one year of service. Employees who were participants in the prior plan automatically become participants in the plan as of the effective date.
Definitions	
Aggregate Benefit Service	Combined benefit service under this plan and any other defined benefit or money purchase plans maintained by ULA or a predecessor company.
Benefit Service	Amount of service in covered group during which the participant earned regular base pay.
Vesting Service	One year for 1,000 hours of service in a plan year; partial credit for less than 1,000 hours.
Accrued Benefit	Benefit rate x years of benefit service.

Effective Date	Benefit Rate
Before 6/1/2012	\$80
6/1/2012	\$83
6/1/2013	\$84
6/1/2014	\$85
6/1/2015	\$95

IAM participants within the ULA Bargained plan was frozen effective January 2017.

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Monthly Level Income Special Allowance (LISA) \$550 per month.

Monthly Preretirement Spouse Benefit 55% of the monthly pension benefit as of the date of death reduced for the joint and survivor election and reduced for payment as early as the participant's earliest retirement date.

Normal Retirement Date First of month following the attainment of age 65.

Prior Plan The Employees Retirement Income Plan of McDonnell Douglas Corporation, Hourly West Plan.

Actuarial Equivalence For purpose of calculating lump sums and equivalent accelerated income option benefits:

Applicable mortality table under 417(e) and applicable interest rate under 417(e) for the November preceding the plan year.

For purpose of converting to a 10-year certain and life option:

Age	Factor
50	0.99
55	0.98
60	0.97
65	0.95
70	0.90
75	0.82

For other purposes:

UP-84 mortality table, set back two years and an interest rate of 6.00%.

Normal Retirement Eligibility Attainment of normal retirement date.

Monthly Benefit Accrued benefit determined as of normal retirement date.

Early Retirement Eligibility Retirement before normal retirement date and on or after both attaining age 55 and completing 10 years of vesting

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service, or, for IAM Local #725 participants, age 50 with 30 or more years of aggregate benefit service.

Monthly Benefit

Accrued benefit as determined as of early retirement date reduced by an actuarial factor of 6% per year before age 62, interpolated monthly, plus the level income special allowance. No reduction is applied for participants who retire after age 50 with 30 or more years of aggregate benefit service.

Postponed Retirement
 Eligibility

Retirement after normal retirement date.

Monthly Benefit

Monthly pension benefit determined as of actual retirement date.

Termination With Deferred Vested Benefit
 Eligibility

Termination for reasons other than death or retirement after completing five years of vesting service.

Monthly Benefit

Accrued benefit determined as of termination date, actuarially reduced for payment before age 65.

Sample reduction factors:

Age	Factor
62	0.7705
60	0.6566
55	0.4573

Preretirement Spouse Benefit
 Eligibility

Death while eligible for normal, early, postponed or deferred vested retirement benefits, with a surviving spouse.

Monthly Benefit

Monthly preretirement spouse benefit is payable. In-service death while eligible to retire is payable immediately; otherwise deferred to participant's early retirement date.

Disability Retirement
 Eligibility

Total and permanent disability while on the active payroll after completion of 10 or more years of vesting service.

Monthly Benefit

Accrued benefit.

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Postretirement Death Benefit

Eligibility

Death after normal, early, postponed or disability retirement from active or lay-off status.

Benefit

Monthly benefit dependent on the optional form elected, and \$2,000 payable as a lump sum.

Level Income Special Allowance (LISA)

Eligibility

Retirement from active service after age 55 (age 50 for IAM Local #725 participants) with 30 years of aggregate benefit service, or age 60 with 20 years of aggregate benefit service and before age 62.

Monthly Benefit

\$550 per month payable until age 62.

Form of Payment

Normal Form

Unmarried Participants

Life annuity.

Married Participants

50% joint and survivor annuity with pop up feature (with 95% reduction factor).

Optional Forms

(1) Life and 10 year certain option.

(2) Accelerated income.

Small Benefits

If the actuarial equivalent value of participant's benefit does not exceed \$5,000 at termination, a lump sum distribution is paid.

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Former SSB Plan Participants

Effective Date	December 1, 2006 pursuant to the joint venture agreement dated May 2, 2005 between the Boeing Company and the Lockheed Martin Corporation ("LMC") Most recent amendment effective June 2015.
Plan Year	Calendar year.
Most Recent Collective Bargaining Agreements	June 2015.
Eligibility	Employees represented by participating collective bargaining units are eligible on their date of employment.
Definitions	
Credited Service	One year for each plan year in which the participant completes 1,800 or more hours. Partial years of service are granted for each 150 hours if less than 1,800. Prior plan service was included for certain participants as of the effective date.
Continuous Service	An employee's period of employment commencing on the later of the effective date or hire date and ending at termination. Include prior plan continuous service for certain participants.
Actuarial Equivalence	
Optional Forms	Optional forms (other than level income and lump sums) are determined based on an interest rate of 7% and UP-84 mortality. Mortality is set back one year for single participants and three years for a contingent annuitant.
Level Income Benefits	Level income benefits are determined based on an interest rate equal to the greater of 5.50% or the current 417(e) interest rate.
Lump Sums	Lump sums are based on applicable interest and mortality as prescribed by the Secretary of the Treasury.
Normal Retirement	
Eligibility Requirement	Age 65.

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Benefit

Benefit rate x the number of years of credited service.

Effective Date	Benefit Rate
Before 6/1/2012	\$80
6/1/2012	\$83
6/1/2013	\$84
6/1/2014	\$85
6/1/2015	\$95

IA M participants within the ULA Bargained plan was frozen effective January 2017.

This benefit is reduced by any benefit payable from the General Dynamics Corporation Hourly Employees' Retirement Plan ($\$34 \times$ years of credited service through May 2, 1994).

Former Cape Canaveral participants (NES): Can elect to have their benefits determined in accordance with the provisions of the Retirement Income Plan (RIP).

Early Retirement

Eligibility Requirement

Age 55.

Benefit

Monthly benefit computed as in normal retirement, reduced for payment commencing prior to age 65 in accordance with the following:

- (1) If the sum of the member's age at his benefit commencement date and his years of continuous service total 85 or more, or the member has attained age 62 and completed 10 years of service, benefits are unreduced as of the member's early retirement date.
- (2) If the member does not meet the requirements of (1), the benefit payable at his early retirement date is reduced by the lesser of:
 - a. $3.00\% \times$ the amount by which 85 exceeds the sum of his age + continuous service; or
 - b. 3.00% per year for each year between his normal retirement date and his benefit commencement date.

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Effective during 2008, the SSB plan was amended so that ULA will pay the difference between the subsidized and unsubsidized early retirement factors for heritage General Dynamics participants who were not retirement eligible as of the date of the formation of ULA (December 1, 2006).

Disability Retirement

Eligibility Requirement

Ten years of continuous service and total and permanent disability.

Benefit

An unreduced monthly benefit computed as in normal retirement.

Postponed Retirement

Eligibility Requirement

Retirement after normal retirement date.

Monthly Benefit

Normal retirement benefit equal to the accrued benefit determined as of retirement date.

Preretirement Surviving Spouse's Benefit

Eligibility Requirement

Five years of continuous service.

Benefit

If the participant dies from active status after becoming eligible for early retirement, 50% of the monthly benefit the participant would have received if he had retired on the first of the month following his death. If the participant dies from terminated vested status after becoming eligible for early retirement, 50% of the monthly benefit the participant would have received if he had retired on the first of the month preceding or coincident with his death. If the participant had five years of service, but had not attained age 55 upon his death, the benefit is deferred to when he would have attained age 55.

Termination

Eligibility Requirement

Five years of continuous service.

Benefit

A monthly benefit computed as in normal retirement, payable at age 65. Actuarially equivalent benefits are payable as early as age 55.

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Pension Improvement

Eligibility Requirement

Five years of continuous service.

Benefit

\$94 per month (for San Diego participants) or \$105 per month (for Cape Canaveral and Vandenberg participants) for the participant payable upon the attainment of age 65 and \$94/\$105 per month for participant's spouse, payable upon the spouse's attainment of age 65.

- (1) For a retired member with between five and 10 years of continuous service, the \$94/\$105 benefit $\times$ a fraction equal to the number of years of continuous service at retirement $\div$ 10.
- (2) For a vested member, the \$94/\$105 benefit $\times$ by a fraction equal to the number of years of continuous service at termination $\div$ the number of years from date of hire to age 65.

The pension improvement benefit will continue to the spouse upon the participant's death. The amount of the benefit will be reduced by the pension improvement benefit received from the General Dynamics Corporation Hourly Employees' Retirement Plan.

Form of Payment

Normal Form

Unmarried Participants

Life annuity.

Married Participants

50% joint and survivor annuity.

Optional Forms

- (1) 66 $\frac{2}{3}$ %, 75%, and 100% joint and survivor annuity with pop up feature.
- (2) Level income option at age 62 or age 65.
- (3) Five and 10-year certain and life.

Small Benefits

If the actuarial equivalent value of participant's benefit does not exceed \$5,000 at termination, a lump sum distribution is paid.

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Former SSH Plan Participants

Effective Date	December 1, 2006, pursuant to the joint venture agreement dated May 2, 2005 between the Boeing Company and the Lockheed Martin Corporation, United Launch Alliance. Most recent amendment effective July 13, 2013.
Plan Year	Calendar year.
Most Recent Collective Bargaining Agreements	June 2013.
Eligibility	<p>Employees represented by participating collective bargaining units are eligible on their date of employment.</p> <p>Current participating union is UAW Local 2346.</p> <p>Effective November 30, 2005, all CPI participants were spun off to the Lockheed Martin Corporation Retirement Income Plan.</p>
Definitions	
Credited Service	One year for each calendar year in which the participant completes 1,700 hours. Partial years of service are granted if less than 1,700. Prior plan service is included.
Vesting Service	Accumulated vesting service under the prior plan plus one year for each calendar year with 1,000 or more hours after the effective date. Partial years of vesting service are granted.
Prior Plan	Lockheed Martin Pension Plan for Hourly Employees of the Space Systems Group.
Actuarial Equivalent Value	<p>For purpose of calculating lump sums:</p> <p>Applicable mortality table under 417(e) and applicable interest rate under 417(e) for the December preceding the plan year.</p> <p>For other purposes:</p> <p>1971 GAM mortality table and an interest rate of 5.50%.</p>

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Normal Retirement

Eligibility Requirement

The later of:

- (1) Age 65; or
- (2) The fifth anniversary of date of hire.

Benefit

Benefit rate x years of credited service.

Effective Date	Benefit Rate
6/1/2008	\$31
6/1/2010	\$34
7/13/2013	\$40
7/13/2015	\$43

The benefit is reduced by the benefit payable from the General Dynamics Corporation Hourly Employees' Retirement Plan (\$14.00 x years of credited service through May 2, 1994).

Early Retirement

Eligibility Requirement

Age 55 and 10 years of credited service.

Benefit

Monthly benefit computed as in normal retirement multiplied by the following adjustment factors:

Age at Which Retirement Benefits Commence	Adjustment Factor
64	95.0%
63	90.0%
62	85.0%
61	80.0%
60	80.0%
59	75.0%
58	70.0%
57	65.0%
56	60.0%
55	50.0%

Late Retirement

Eligibility Requirement

Retirement after normal retirement date.

Benefit

Normal retirement benefit equal to the accrued benefit determined as of retirement date.

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Disability Retirement

Eligibility Requirement

Ten years of credited service and totally and permanently disabled for a minimum of six months.

Benefit

The unreduced accrued benefit computed as in normal retirement paid at double rate until the participant becomes eligible for unreduced Social Security benefits. The benefit may be offset by benefits payable by Workmen's Compensation or other insurance.

Preretirement Surviving Spouse's Benefit

Eligibility Requirement

Five years of vesting service and married to a participant for the one-year period ending on the date of participant's death.

Benefit

50% of the monthly benefit the participant would have received if he had retired on the first of the month preceding or coincident with his death and elected a joint and 50% survivor annuity. If the participant was eligible to retire at the time of his death, the benefit is payable immediately. If the participant had 10 years of service, but had not attained age 55 at the time of his death, the benefit is deferred to the month he would have attained age 55. If the participant had between five and 10 years of service, but had not attained age 65 at the time of his death, the benefit is deferred to the month he would have attained age 65.

Termination

Eligibility Requirement

Five years of vesting service or normal retirement eligibility.

Benefit

A deferred monthly benefit computed as in Normal retirement, payable at age 65. Benefit may commence as early as age 55 with reductions equal to the early retirement reduction factors.

Forms of Payment

Normal Form

Unmarried Participants

Life annuity.

Married Participants

50% joint and survivor annuity.

Optional Forms

- (1) Life annuity.
- (2) 50%, 66⅔%, and 75% joint and survivor annuity.
- (3) 5- and 10-year certain and life.

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(4) Level income option at age 62 or age 65.

Small Benefits

If the actuarial equivalent value of a participant's benefit does not exceed \$5,000 at termination, a lump sum distribution is paid.

Plan Changes Since the Prior Year

The funding valuation reflects the following plan changes:

- IAM participants within the ULA Bargained plan was amended effective June 2015 to increase the benefit multiplier to \$95 from \$85.
- The IAM participants with the ULA Bargained plan was frozen effective January 2017. This amendment has no impact on the January 1, 2016 valuation.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

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Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	\$ 12,687,802	January 1, 2016	7	\$ 2,096,322

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Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption changes:

- A change in the funding asset return assumption from 8.00% in 2014 to 7.75% in 2015 and to 7.25% in 2016.

This change was made to better reflect the anticipated plan experience. The assumption change did not reduce the funding shortfall; as such, approval of the Commissioner is not required.