

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 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2015</div> This Form is Open to Public Inspection
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Part I Annual Report Identification Information	
For calendar plan year 2015 or fiscal plan year beginning <u>12/25/2015</u> and ending <u>12/24/2016</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); or ☒ a single-employer plan; ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report; ☐ the final return/report; ☐ an amended return/report; ☐ a short plan year return/report (less than 12 months).
C If the plan is a collectively-bargained plan, check here.	▶ ☒
D Check box if filing under:	☒ Form 5558; ☐ automatic extension; ☐ the DFVC program; ☐ special extension (enter description)

Part II Basic Plan Information —enter all requested information					
1a Name of plan <u>LOCKHEED MARTIN ENGINEERING AND SCIENCES COMPANY RETIREMENT PLAN FOR CERTAIN HOURLY EMPLOYEES</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 2px;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; padding: 2px; text-align: center;">013</td> </tr> <tr> <td colspan="2" style="padding: 2px;">1c Effective date of plan <u>12/25/1979</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	013	1c Effective date of plan <u>12/25/1979</u>	
1b Three-digit plan number (PN) ▶	013				
1c Effective date of plan <u>12/25/1979</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>LOCKHEED MARTIN CORPORATION</u> <u>6801 ROCKLEDGE DRIVE, CCT-115</u> <u>BETHESDA, MD 20817</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 2px;">2b Employer Identification Number (EIN) <u>52-1893632</u></td> </tr> <tr> <td style="padding: 2px;">2c Plan Sponsor's telephone number <u>863-647-0370</u></td> </tr> <tr> <td style="padding: 2px;">2d Business code (see instructions) <u>339900</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>52-1893632</u>	2c Plan Sponsor's telephone number <u>863-647-0370</u>	2d Business code (see instructions) <u>339900</u>	
2b Employer Identification Number (EIN) <u>52-1893632</u>					
2c Plan Sponsor's telephone number <u>863-647-0370</u>					
2d Business code (see instructions) <u>339900</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.	10/16/2017	ROBERT MUENINGHOFF
	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 <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
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 LOCKHEED MARTIN CORPORATION	4b EIN 95-3424436 4c PN 013
5 Total number of participants at the beginning of the plan year	5 690
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) 11
a(2) Total number of active participants at the end of the plan year	6a(2) 11
b Retired or separated participants receiving benefits.....	6b 322
c Other retired or separated participants entitled to future benefits.....	6c 314
d Subtotal. Add lines 6a(2) , 6b , and 6c	6d 647
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....	6e 31
f Total. Add lines 6d and 6e	6f 678
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 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1B 1I 3F 3H	
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ <u>0</u> 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)
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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 2015 Form M-1 annual report. If the plan was not required to file the 2015 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2015</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2015 or fiscal plan year beginning 12/25/2015 and ending 12/24/2016	
▶ 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 LOCKHEED MARTIN ENGINEERING AND SCIENCES COMPANY RETIREMENT PLAN FOR CERTAIN HOURLY EMPLOYEES	B Three-digit plan number (PN) ▶ 013
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF LOCKHEED MARTIN CORPORATION	D Employer Identification Number (EIN) 52-1893632
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 12 Day 25 Year 2015			
2	Assets:			
a	Market value	2a	7985868	
b	Actuarial value	2b	8459139	
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	345	3055815	3055815
b	For terminated vested participants	334	1845109	1845109
c	For active participants	11	34220	50752
d	Total	690	4935144	4951676
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	6.19%	
6	Target normal cost	6	110008	

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.

<div>SIGN HERE</div>	<div>Signature of actuary</div> <div>THOMAS S. STAUFFER</div> <div>Type or print name of actuary</div> <div>AON CONSULTING, INC.</div> <div>Firm name</div> <div>500 EAST PRATT STREET BALTIMORE, MD 21202</div> <div>Address of the firm</div>	<div>10/09/2017</div> <div>Date</div> <div>17-06384</div> <div>Most recent enrollment number</div> <div>410-547-2800</div> <div>Telephone number (including area code)</div>
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Part II Beginning of Year Carryover and Prefunding Balances		
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>-1.24</u> %	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		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>6.40</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	0

Part III Funding Percentages		
14 Funding target attainment percentage.....	14	170.83 %
15 Adjusted funding target attainment percentage	15	170.83 %
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	176.81 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.....	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ►			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
b Contributions made to avoid restrictions adjusted to valuation date.....	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No		
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?..... ☐ Yes ☐ No		
c If line 20a is "Yes," see instructions and complete the following table as applicable:		
Liquidity shortfall as of end of quarter of this plan year		
(1) 1st	(2) 2nd	(3) 3rd

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

21	Discount rate:				
	a Segment rates:	1st segment: 4.72 %	2nd segment: 6.11 %	3rd segment: 6.81 %	☐ N/A, full yield curve used
	b Applicable month (enter code).....				21b 3
22	Weighted average retirement age				22 63
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	110008
	b Excess assets, if applicable, but not greater than line 31a	31b	110008
32	Amortization installments:	Outstanding Balance	Installment
	a Net shortfall amortization installment	0	0
	b Waiver amortization installment	0	0
33	If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33	
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)...	34	0
		Carryover balance	Prefunding balance
35	Balances elected for use to offset funding requirement.....	0	0
36	Additional cash requirement (line 34 minus line 35)	36	0
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0
38	Present value of excess contributions for current year (see instructions)		
	a Total (excess, if any, of line 37 over line 36)	38a	0
	b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40	Unpaid minimum required contributions for all years.....	40	0

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

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

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
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code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

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

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

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

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2015 This Form is Open to Public Inspection
For calendar plan year 2015 or fiscal plan year beginning <u>12/25/2015</u> and ending <u>12/24/2016</u>		
A Name of plan <u>LOCKHEED MARTIN ENGINEERING AND SCIENCES COMPANY RETIREMENT PLAN FOR CERTAIN HOURLY EMPLOYEES</u>		B Three-digit plan number (PN) ► <u>013</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>LOCKHEED MARTIN CORPORATION</u>		D Employer Identification Number (EIN) <u>52-1893632</u>

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
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	Total noninterest-bearing cash	1a		
b	Receivables (less allowance for doubtful accounts):			
	(1) Employer contributions	1b(1)		
	(2) Participant contributions	1b(2)		
	(3) Other.....	1b(3)		
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)	7985868	7918630
	(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	7985868	7918630

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	23184	22916
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	23184	22916

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	7962684	7895714
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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 Contributions:**

		(a) Amount	(b) Total
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		0

b Earnings on investments:**(1) Interest:**

(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		0

(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0

(3) Rents	2b(3)		
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(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)		312809
(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		312809

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	356863	
(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)		356863
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)	12192	
(2) Contract administrator fees	2i(2)	4836	
(3) Investment advisory and management fees	2i(3)	5888	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		22916
j Total expenses. Add all expense amounts in column (b) and enter total	2j		379779

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-66970
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: MITCHELL & TITUS, LLP

(2) EIN: 13-2781641

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:

	Yes	No	N/A	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X		
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.)		X		

	Yes	No	N/A	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.)		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.)		X		
e Was this plan covered by a fidelity bond?	X			100000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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?		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?		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.)		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.)		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?		X		
l Has the plan failed to provide any benefit when due under the plan?		X		
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)				
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.				
o Did the plan trust incur unrelated business taxable income?				
p Were in-service distributions made during the plan year?				

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

Part V Trust Information

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2015 This Form is Open to Public Inspection.
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For calendar plan year 2015 or fiscal plan year beginning 12/25/2015 and ending 12/24/2016

A Name of plan <u>LOCKHEED MARTIN ENGINEERING AND SCIENCES COMPANY RETIREMENT PLAN FOR CERTAIN HOURLY EMPLOYEES</u>	B Three-digit plan number (PN) ▶ <u>013</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>LOCKHEED MARTIN CORPORATION</u>	D Employer Identification Number (EIN) <u>52-1893632</u>

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

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>22-3810641</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....	3	<u>12</u>

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

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

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

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

Schedule R (Form 5500) 2015
v. 150123

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:		14a	
	a The current year		14b	
	b The plan year immediately preceding the current plan year		14c	
	c The second preceding plan year			
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: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%
	b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more
	c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

Part VII	IRS Compliance Questions
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20a Is the plan a 401(k) plan?	☐ Yes	☐ No
20b If "Yes," how does the 401(k) plan satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under sections 401(k)(3) and 401(m)(2)?	☐ Design-based safe harbor method	☐ ADP/ACP test
20c If the ADP/ACP test is used, did the 401(k) plan perform ADP/ACP testing for the plan year using the "current year testing method" for nonhighly compensated employees (Treas. Reg sections 1.401(k)-2(a)(2)(ii) and 1.401(m)-2(a)(2)(ii))?	☐ Yes	☐ No
21a Check the box to indicate the method used by the plan to satisfy the coverage requirements under section 410(b):	☐ Ratio percentage test	☐ Average benefit test
21b Does the plan satisfy the coverage and nondiscrimination tests of sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules?	☐ Yes	☐ No
22a Has the plan been timely amended for all required tax law changes?	☐ Yes	☐ No ☐ N/A
22b Date the last plan amendment/restatement for the required tax law changes was adopted ____/____/____. Enter the applicable code _____. (See instructions for tax law changes and codes).		
22c If the plan sponsor is an adopter of a pre-approved master and prototype (M&P) or volume submitter plan that is subject to a favorable IRS opinion or advisory letter, enter the date of that favorable letter ____/____/____ and the letter's serial number _____.		
22d If the plan is an individually-designed plan and received a favorable determination letter from the IRS, enter the date of the plan's last favorable determination letter ____/____/____.		
23 Is the Plan maintained in a U.S. territory (i.e., Puerto Rico (if no election under ERISA section 1022(i)(2) has been made), American Samoa, Guam, the Commonwealth of the Northern Mariana Islands or the U.S. Virgin Islands)?	☐ Yes	☐ No

LOCKHEED MARTIN ENGINEERING AND SCIENCES COMPANY
RETIREMENT PLAN FOR CERTAIN HOURLY EMPLOYEES

Financial Statements as of December 31, 2016 and 2015,
and for the Year Ended December 31, 2016, with Independent Auditor's Report

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees**

Financial Statements

Year Ended December 31, 2016

Table of Contents

Independent Auditor's Report	1
Financial Statements:	
Statements of Net Assets Available for Benefits as of December 31, 2016 and 2015	3
Statement of Changes in Net Assets Available for Benefits for the Year Ended December 31, 2016	4
Notes to Financial Statements	5



MITCHELLTITUS

INDEPENDENT AUDITOR'S REPORT

Plan Administrator
Lockheed Martin Engineering and Sciences Company
Retirement Plan for Certain Hourly Employees

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Lockheed Martin Engineering and Sciences Company Retirement Plan for Certain Hourly Employees, 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 (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 4, which was certified by the Northern Trust Company, the trustee of the plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of December 31, 2016 and 2015 and for the year ended December 31, 2016, that the information provided to the plan administrator by the trustee is complete and accurate.

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MITCHELLTITUS

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 information certified by the trustee, 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Mitchell Titus, LLP

October 10, 2017

**Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
Statements of Net Assets Available for Benefits
(in thousands)**

	December 31,	
	2016	2015
Assets		
Investments:		
Interest in Master Trust	\$ 7,919	\$ 7,986
Liabilities		
Accrued expenses	23	23
Net assets available for benefits	<u>\$ 7,896</u>	<u>\$ 7,963</u>

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

**Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
Statement of Changes in Net Assets Available for Benefits
(in thousands)**

	Year Ended December 31, 2016
Net assets available for benefits at beginning of year	\$ 7,963
Additions to net assets:	
Interest in net investment gain of Master Trust.....	463
Deductions from net assets:	
Benefit payments	357
Administrative expenses.....	173
Total deductions	530
Change in net assets	(67)
Net assets available for benefits at end of year	\$ 7,896

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

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements**

1. Description of the Plan

The following description of the Lockheed Martin Engineering and Sciences Company Retirement Plan for Certain Hourly Employees (the Plan) provides only general information about the Plan's provisions. Participants should refer to the Plan document and Summary Plan Description for a more complete description of the Plan's provisions.

General

The Plan is a defined benefit plan covering certain hourly employees of the Lockheed Martin Engineering and Sciences Company, a subsidiary of Lockheed Martin Corporation (the Corporation), and has been amended from time to time. The Corporation is the Plan Sponsor and the Plan Administrator. Active participants become fully vested in the Plan upon the earlier of the completion of five years of service or attainment of age 65. Participation and benefit accruals in the Plan were frozen as of December 24, 1994.

The assets of the Plan are held and invested on a commingled basis in the Lockheed Martin Corporation Master Retirement Trust (the Master Trust). The assets of the Master Trust are held by The Northern Trust Company (the Trustee), with the exception of certain assets that are not held under custody by the Trustee as described in Note 4.

Funding Policy

Funding for the Plan is determined in accordance with the Employee Retirement Income Security Act of 1974 (ERISA), as amended by the Pension Protection Act of 2006 (PPA) and consistent with U.S. Government Cost Accounting Standards (CAS). Contributions by the Corporation, if any, meet the ERISA minimum funding requirements. The Corporation has the right under the Plan to discontinue such contributions at any time and/or terminate the Plan. In the event of termination, the Plan's net assets are to be used first for the payment of retirement benefits that former employees or their beneficiaries have been receiving, next for the payment of other vested benefits, and finally for the payment of nonvested benefits for the remaining participants. If the net assets are not sufficient to pay all benefits, the net assets shall be paid to the most senior categories until a category cannot be paid in full, and remaining net assets shall be allocated pro rata to all the benefits in that category and not those of lower priority. However, in the event of termination of the Plan, the Pension Benefit Guaranty Corporation (PBGC) guarantees the payment of nonforfeitable retirement benefits subject to certain limitations prescribed by ERISA.

2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting. Certain amounts in the prior year have been reclassified to conform to the current year presentation.

Accumulated Plan Benefits

Accumulated plan benefits are those estimated future periodic payments that are attributable under the Plan's provisions for credited service by participants from their date of eligibility to the valuation date. Accumulated plan benefits include benefits expected to be paid to (a) retired, terminated and disabled participants or their beneficiaries, and (b) present participants or their beneficiaries. Benefits for retired, terminated and disabled participants or their beneficiaries are based on each former participant's compensation during each year of credited service prior to his or her termination or retirement date. Accumulated plan benefits for active participants are based on each participant's compensation during each year of credited service preceding the valuation date. Benefits payable under all circumstances—retirement, death, disability and termination of employment—are included to the extent they are deemed attributable to employee service prior to the valuation date.

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

Use of Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits. Actual results could differ from those estimates.

Payment of Benefits

Benefit payments to participants are recorded upon distribution.

Risks and Uncertainties

The Plan, through the Master Trust, invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, currency, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities 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.

Plan contributions, if any, 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 estimation and assumption processes, it is at least reasonably possible that changes in these estimates and assumptions in the near term could materially affect the amounts reported and disclosed in the financial statements.

Investment Valuation and Income Recognition

Investments in the Master Trust are reported at fair value. Fair value is the price that would have been received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities in the Master Trust are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Gains and losses on investments bought and sold as well as held during the year are included in interest in net investment gain (loss) of Master Trust on the Statement of Changes in Net Assets Available for Benefits.

Administrative Expenses

Direct administrative expenses are paid by the Master Trust and generally allocated to the Plan proportionally based on the Plan's interest in the Master Trust's net assets or directly if specifically related to the Plan. Other indirect administrative expenses are paid by the Corporation and are excluded from these financial statements. Expenses paid by the Plan are shown on the Statement of Changes in Net Assets Available for Benefits.

Recent Accounting Pronouncements

In February 2017, the Financial Accounting Standards Board (FASB) issued Accounting Standard Update (ASU) 2017-06, which clarifies the presentation and disclosure requirements for an employee benefit plan's interest in a master trust. The new standard requires a plan's interests in master trust balances and activities to be presented on the face of the Plan's financial statements as a single line item for each interest in a master trust. The new standard also requires the disclosure of the master trust's investments by general type and the dollar amount of the plan's interest in each type; and the disclosure of the master trust's other assets and liabilities on a gross basis and the dollar amount of the plan's interest in each balance. An adoption of the new standard will eliminate the requirement to disclose the Plan's overall percentage

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

interest in the trust and the health and welfare plans to disclose 401(h) investment account information, in which such information will be disclosed in the defined benefit plan. The standard is effective for the Plan beginning on January 1, 2019, with early adoption permitted. Plan management is currently evaluating the impact of the standard on the financial statements and related disclosures.

In July 2015, the FASB issued ASU 2015-12, a new three-part standard that changes certain reporting requirements for employee benefit plans. Part I of the standard eliminates the requirement to measure and present fully benefit-responsive investment contracts at fair value within the statements of net assets available for benefits and related disclosures and also eliminates the requirement to reconcile contract value to fair value, when these measures differ. Part II of the standard requires investments be grouped by general type and eliminates the requirement to disclose the net appreciation or depreciation for investments by general type and Part III provides for a measurement-date practical expedient. Part I of the standard is not applicable as the Plan has no investments in fully benefit-responsive investment contracts. The standard is effective for the Plan beginning on January 1, 2016. Plans may early adopt any of the three parts of the standard without adopting the other parts. The Plan adopted Parts II and III of the standard on January 1, 2016 and reflected the provisions of Part II for all periods presented in these financial statements. Part III of the standard had no impact on the financial statements as the Plan's investments have historically been measured at the end of each calendar-year, consistent with the measurement-date practical expedient of Part III of the standard.

In May 2015, the FASB issued ASU 2015-07, a new standard that eliminates the current requirement to categorize within the fair value hierarchy investments with fair values measured at net asset value (NAV) using the practical expedient in Accounting Standards Codification (ASC) 820 "Fair Value Measurement." The new standard will require entities to disclose the fair values of such investments as a reconciling item between the Statements of Net Assets Available for Benefits amounts and the amounts reported in the fair value hierarchy table. Entities will be required to continue to disclose information describing the nature and risks of the investments measured using the NAV practical expedient. The standard is effective for the Plan beginning on January 1, 2016, with early adoption permitted. The Plan adopted the standard on January 1, 2016 and reflected the provisions for all periods presented in these financial statements.

Subsequent Events

The Plan has evaluated subsequent events through October 10, 2017, the date the financial statements were available to be issued. No material subsequent events have occurred since December 31, 2016 that required recognition or disclosure in these financial statements.

3. Actuarial Present Value of Accumulated Plan Benefits

The actuarial present value of accumulated plan benefits is the amount that results from applying actuarial assumptions to the accumulated plan benefits earned by the participants to reflect the time value of money and the probability of payment between the valuation date and the expected date of payment.

The actuarial present value of accumulated plan benefits is as follows (in thousands):

	December 31, 2016	2015
Vested benefits:		
Participants currently receiving payments	\$ 3,478	\$ 3,488
Participants not currently receiving payments	2,736	2,550
Total vested benefits	6,214	6,038
Nonvested benefits	25	26
Total actuarial present value of accumulated plan benefits	<u>\$ 6,239</u>	<u>\$ 6,064</u>

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

The significant actuarial assumptions used in the valuations were (a) life expectancy of participants (RP-2014 Total Dataset Adjusted to 2006 with Scale MP-2016 for 2016 and with Scale MP-2015 for 2015), (b) turnover based upon the termination experience of the Plan, (c) assumed retirement age probabilities based on the experience of the Plan resulting in an average retirement age of 63, and (d) an annual discount rate of 4.125% and 4.375% for 2016 and 2015, respectively. The discount rate assumption used to calculate the actuarial present value of accumulated plan benefits is adjusted annually to reflect current yields on long-term high-quality corporate bonds. This can result in significant year to year fluctuations in the valuations.

Changes in the actuarial present value of accumulated plan benefits are as follows (in thousands):

	Year Ended December 31, 2016
Actuarial present value of accumulated plan benefits at beginning of year	\$ 6,064
Increase (decrease) during the year attributable to:	
Increase for interest due to the decrease in the discount period	257
Benefits paid	(357)
Benefits accumulated	209
Changes in actuarial assumptions	66
Net increase	175
Actuarial present value of accumulated plan benefits at end of year	<u>\$ 6,239</u>

The changes in actuarial assumptions reflect the decrease in the discount rate and change in mortality table, which impacted the actuarial present value of accumulated plan benefits by \$161,000 and (\$95,000), respectively.

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

4. Master Trust

General

The Plan's investments are held by the Master Trust, which was established for the investment of the Plan's assets and the assets of other defined benefit plans sponsored by the Corporation. The assets, realized and unrealized gains and losses, and investment income of the Master Trust are allocated among the participating plans included therein proportionally based on each plan's interest in the Master Trust's net assets. The Plan's interest in the Master Trust's net assets, excluding assets of the 401(h) account, as of December 31, 2016 and 2015 was approximately 0.03% and 0.02%, respectively.

The Master Trust owes direct reimbursements to the Corporation for certain expenses incurred by the Corporation and its subsidiaries in providing services to the Plan.

Other than the financial information in the following table, the reported total fair value by asset class as disclosed in the fair value of assets tables including investments held as of December 31, 2016 and 2015, and net appreciation in fair value of investments, interest income, and dividend income for the year ended December 31, 2016, was obtained or derived from information certified as complete and accurate by The Northern Trust Company, the Trustee of the Master Trust.

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

The following financial information was not certified by the Trustee, as the net assets are not held in custody by the Trustee (in thousands):

	December 31,	
	2016	2015
Assets		
Cash and cash equivalents and short term investment fund.....	\$ 2,058,720	\$ 2,066,203
Common and preferred stocks	275,428	913,387
Registered investment companies	(88,773)	(107,816)
Corporate debt securities	773,575	462,087
U.S. Government securities	324,945	168,211
Other investments	371,987	821,577
Hedge funds	110,032	57,092
Commodities	884	647
Total assets	3,826,798	4,381,388
Liabilities		
Payables, net	184,123	197,355
Total net assets	\$ 3,642,675	\$ 4,184,033
	Year Ended December 31, 2016	
Investment income not certified by the custodian		
Interest and dividend income	\$ 107,900	
Net appreciation in fair value of investments	\$ 50,857	

Fair Value of Assets

The accounting standard for fair value measurements defines fair value, establishes a market-based framework or hierarchy for measuring fair value, and requires disclosures regarding fair value measurements. The standard is applicable whenever assets and liabilities are measured and included in the financial statements at fair value.

The fair value hierarchy established in the standard prioritizes the inputs used in valuation techniques into three levels as follows:

- Level 1 – Quoted prices in active markets for identical assets and liabilities;
- Level 2 – Observable inputs, other than Level 1 prices, such as quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in inactive markets, and amounts derived from valuation models where all significant inputs are observable in active markets; and
- Level 3 – Unobservable inputs where valuation models are supported by little or no market activity that one or more significant inputs are unobservable and require us to develop relevant assumptions.

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

Certain other investments are measured at fair value using their NAV per share and do not have readily determined values and are thus not subject to leveling in the fair value hierarchy. The NAV is the total value of the fund divided by the number of shares outstanding.

The following table presents the fair value of the assets in the Master Trust by asset category and their level within the fair value hierarchy as of December 31, 2016 (in thousands):

	Level 1	Level 2	Level 3	Total
Cash and cash equivalents and short term investment fund.....	\$ 2,210,817	\$ —	\$ —	\$ 2,210,817
Common and preferred stocks	7,804,993	55,275	4,886	7,865,154
Registered investment companies	690,420	355,235	—	1,045,655
Common collective trusts	—	1,466,814	—	1,466,814
Corporate debt securities.....	—	4,637,628	15,279	4,652,907
U.S. Government securities ^(a)	—	7,705,473	—	7,705,473
Other investments ^(b)	28,147	1,306,010	3,720	1,337,877
Hedge funds	—	110,032	—	110,032
Commodities	525,518	(2,093)	—	523,425
Total investment assets at fair value	\$ 11,259,895	\$ 15,634,374	\$ 23,885	\$ 26,918,154
Investments measured at NAV ^(c) :				
Common collective trusts				45,718
Registered investment companies				25,091
Private equity funds				3,627,328
Real estate funds				1,402,421
Hedge funds				472,573
Total investment assets at NAV				\$ 5,573,131
Receivables, net				57,686
Total net assets				\$ 32,548,971

Interest and dividend income earned by the Master Trust for the year ended December 31, 2016 was \$286,972,000 and \$189,764,000, respectively. Other income for the year ended December 31, 2016 was \$248,677,000. The net appreciation for the year ended December 31, 2016 was \$1,058,421,000.

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

The following table presents the fair value of the assets in the Master Trust by asset category and their level within the fair value hierarchy as of December 31, 2015 (in thousands):

	Level 1	Level 2	Level 3	Total
Cash and cash equivalents and short term investment fund	\$ 2,290,151	\$ —	\$ —	\$ 2,290,151
Common and preferred stocks	10,652,491	49,524	9,683	10,711,698
Registered investment companies	547,854	407,747	—	955,601
Common collective trusts	—	1,032,427	—	1,032,427
Corporate debt securities.....	—	4,033,772	16,362	4,050,134
U.S. Government securities ^(a)	—	6,757,839	—	6,757,839
Other investments ^(b)	32,137	2,191,047	4,357	2,227,542
Private equity funds	—	—	199,842	199,842
Hedge funds	—	164,713	—	164,713
Commodities	738	(455)	—	283
Total investment assets at fair value	<u>\$ 13,523,371</u>	<u>\$ 14,636,614</u>	<u>\$ 230,244</u>	<u>\$ 28,390,229</u>
Investments measured at NAV ^(c) :				
Common collective trusts.....				211,107
Registered investment companies				22,426
Private equity funds				2,933,220
Real estate funds				1,017,962
Hedge funds				459,825
Total investment assets at NAV				<u>\$ 4,644,540</u>
Receivables, net				33,722
Total net assets				<u>\$ 33,068,491</u>

(a) Includes U.S. Government-sponsored enterprise securities.

(b) Includes collateralized mortgage obligations, municipals, asset-backed securities, inflation index linked bonds, foreign government securities, swaps, warrants, group annuity contracts and repurchase agreements.

(c) Certain investments that are valued using the NAV per share (or its equivalent) as a practical expedient have not been classified in the fair value hierarchy and are included below the table to permit reconciliation of the fair value hierarchy to the aggregate postretirement benefit plan assets.

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

The following table presents the changes in the fair value of Master Trust's Level 3 assets for the year ended December 31, 2016 (in thousands):

	<u>Balance, beginning of year</u>	<u>Realized gains/ (losses)</u>	<u>Unrealized gains/ (losses)</u>	<u>Purchases</u>	<u>Sales</u>	<u>Settlements</u>	<u>Transfers into Level 3</u>	<u>Transfers out of Level 3</u>	<u>Balance, end of year</u>
Common and preferred stocks.....	\$ 9,683	\$ (5,421)	\$ 4,917	\$ 66	\$ (973)	\$ 18,012	\$ 1,983	\$ (23,381)	\$ 4,886
Corporate debt securities.....	16,362	(335)	388	2,265	(3,061)	(3,216)	2,876	—	15,279
Other investments (b)	4,357	(106)	(78)	—	(439)	(14)	—	—	3,720
Private equity funds.....	199,842	—	—	—	(199,842)	—	—	—	—
Total	<u>\$ 230,244</u>	<u>\$ (5,862)</u>	<u>\$ 5,227</u>	<u>\$ 2,331</u>	<u>\$ (204,315)</u>	<u>\$ 14,782</u>	<u>\$ 4,859</u>	<u>\$ (23,381)</u>	<u>\$ 23,885</u>

The Master Trust recognizes transfers between levels of the fair value hierarchy as of the date of the change in circumstances that causes the transfer.

Valuation Techniques

Cash and cash equivalents and short term investment fund (STIF) investments are mostly comprised of cash and short-term money-market instruments and are valued at cost, which approximates fair value.

Common and preferred stock securities categorized as Level 1 are traded on active national and international exchanges and are valued at their closing prices on the last trading day of the year. For common and preferred stock securities not traded on an active exchange, or if the closing price is not available, the Trustee obtains indicative quotes from a pricing vendor, broker, or investment manager. These securities are generally categorized as Level 2 if the custodian obtains corroborated quotes from a pricing vendor or generally categorized as Level 3 if the custodian obtains uncorroborated quotes from a broker or investment manager.

Common collective trusts are investment vehicles valued using the NAV provided by the fund managers. The NAV is the total value of the fund divided by the number of shares outstanding. Common collective trusts are categorized as Level 1 if traded at their NAV on a nationally recognized securities exchange, categorized as Level 2 if the NAV is corroborated by observable market data (e.g., purchases or sales activity), or not categorized in a level of fair value hierarchy (excluded from the fair value table) where certain liquidity provisions apply and the NAV is deemed a practical expedient with regards to valuation. Funds may be redeemed daily, monthly, or annually, depending upon notification requirements, liquidity, and other matters. Certain funds may require notification of management's intent to redeem at least one to 90 days in advance of exercising management's redemption right.

Registered investment company securities categorized as Level 1 are traded on active national and international exchanges and are generally valued at their closing prices on the last trading day of the year. In the cases where the valuation is based on NAV at the close of the year, these represent open-ended mutual funds valued by multiple pricing sources. For those securities not categorized in within a level of

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

fair value hierarchy, the Corporation cannot fully redeem the investment in the near-term and NAV as a practical expedient is deemed to apply to those assets.

Corporate debt instruments and U.S. Government securities categorized as Level 2 are valued by the Trustee using pricing models that use verifiable observable market data (e.g., interest rates and yield curves observable at commonly quoted intervals and credit spreads), bids provided by brokers or dealers, or quoted prices of securities with similar characteristics. Corporate debt instruments are categorized at Level 3 when valuations using observable inputs are unavailable. The Trustee obtains pricing based on indicative quotes or bid evaluations from vendors, brokers, or the investment manager.

Other investments consists of securities such as derivatives and fixed income securities not classified as corporate debt instruments or U.S. Government securities. Level 1 securities are comprised of derivative securities traded on national and international exchanges. Level 2 securities are mainly comprised of over-the-counter (OTC) derivatives and fixed income investments valued by the Trustee using pricing models that use verifiable observable market data (e.g., interest rates and yield curves observable at commonly quoted intervals and credit spreads), bids provided by brokers or dealers, or quoted prices of securities with similar characteristics. Other investments are categorized at Level 3 when valuations using observable inputs are unavailable. The Trustee obtains pricing based on bid evaluations from vendors or the investment manager.

Commodities categorized as Level 1 are traded on an active commodity exchange and are valued at their closing prices on the last trading day of the year. Commodities categorized as Level 2 represent OTC derivative instruments using observable inputs other than quoted prices in active markets.

Private equity funds, real estate funds, and hedge funds are valued using the NAV based on the valuation models of underlying securities which generally include significant unobservable inputs that cannot be corroborated using verifiable observable market data. Valuations for private equity funds and real estate funds are determined by the general partners. Depending on the nature of the assets, the general partners may use various valuation methodologies, including the income and market approaches in their models. The market approach consists of analyzing market transactions for comparable assets while the income approach uses earnings or the net present value of estimated future cash flows adjusted for liquidity and other risk factors. Hedge funds are valued by independent administrators using various pricing sources and models based on the nature of the securities. Private equity funds, real estate funds, and hedge funds are generally not categorized in a level of fair value hierarchy as the Corporation cannot fully redeem the investment in the near-term and NAV as a practical expedient is deemed to apply to those assets. Hedge funds categorized as Level 2 contain liquidity provisions which allow proceeds from redemptions / liquidations in the near term.

Private equity funds consist of investments held primarily by limited partnerships in various strategies, including venture capital, corporate finance, opportunistic, and distressed. The term of each private equity fund is generally 10 years, and the fund's investors do not have the right to redeem their investment at its NAV. Instead, the investors receive distributions as the underlying assets of the fund are liquidated. Real estate funds consist of investments in U.S. and international commercial real estate held primarily by limited partnerships. The term of each real estate fund is generally 10 years, and the real estate fund's investors do not have the right to redeem their investment at its NAV. Instead, the investors receive distributions as the underlying assets of the fund are liquidated. Unfunded capital commitments related to the Master Trust's investment in private equity and real estate funds as of December 31, 2016 and 2015 totaled \$3,186,365,000 and \$2,953,595,000, respectively. Hedge fund investments are made through commingled fund vehicles and depending on the hedge fund, redemptions can be monthly or annually. The redemption notice period, depending on the hedge fund, is typically 45 to 180 days in advance.

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while management 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.

In estimating the fair value of the investments not in a level of fair value hierarchy, management may use third-party pricing sources or appraisers. In substantiating the reasonableness of the pricing data provided by third parties, management evaluates a variety of factors including review of methods and assumptions used by external sources, recently executed transactions, existing contracts, economic conditions, industry and market developments, and overall credit ratings.

Derivative Instruments

Derivative instruments are used in the Master Trust to achieve certain portfolio objectives and to adjust asset allocation in order to manage market risk. Derivative instruments allow internal and external investment managers to achieve these goals efficiently while maintaining appropriate liquidity.

At December 31, 2016 and 2015, the Master Trust utilized four types of derivative instruments:

Futures Contracts – The purchase of futures contracts allows the Master Trust to achieve desired portfolio positions in various commodities without the need to physically own and store them. Futures are used to manage the overall risk to equity and fixed income markets. Foreign exchange futures are used to separate the management of currency exposure from foreign equity exposure. Futures contracts are exchange-traded with initial margin required from both parties and daily settlement of gains and losses; therefore credit and counterparty risks are minimal, and futures contracts have no net market value.

Forward Contracts – Forward contracts are similar to futures contracts except that they are traded over-the-counter rather than over a standardized exchange. Foreign exchange forwards are used by investment managers as another means of separating currency risk from investment risk. These contracts allow a manager to lock into a rate at which to exchange an upcoming settlement in a foreign currency into U.S. dollars. Commodity forward contracts are used by investment managers to achieve desired portfolio positions in various commodities. While forward contracts are traded over-the-counter, they are generally very short-term which minimizes counterparty risk.

Options, including Options on Futures – These contracts allow the holder to buy or sell a security or a futures contract at a specified price prior to an expiration date. Options are primarily used to protect against downside risk in an equity, commodity or currency position held by the Master Trust.

Swaps – Swaps are over-the-counter agreements between counterparties to exchange the return stream of one security for another. Swaps are utilized either to provide exposure to a security for which there is no available futures contract, or to achieve an exposure over a specific time horizon.

A long derivative position increases (decreases) in value when the price of the underlying asset (e.g., currency, equity index) increases (decreases). A short derivative position increases (decreases) when the price of the underlying asset decreases (increases).

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

The notional amounts and fair values of derivative instruments as of December 31, 2016 and 2015 are presented below (in thousands):

	<u>December 31, 2016</u>		<u>December 31, 2015</u>	
	<u>Notional Amount</u>	<u>Amount included in Fair Value of Assets</u>	<u>Notional Amount</u>	<u>Amount included in Fair Value of Assets</u>
Equity Securities				
Futures Contracts (Long)	\$ 1,382,025	\$ —	\$ 394,635	\$ —
Futures Contracts (Short)	(976,762)	—	(185,521)	—
Equity Options (Long)	575,368	12,740	499,587	16,429
Equity Options (Short)	(371,924)	(3,929)	(500,197)	(2,838)
Swaps	287,431	(863)	791,626	(15,381)
Fixed Income Securities				
Futures Contracts (Long)	1,387,886	—	3,287,953	—
Futures Contracts (Short)	(7,185,620)	—	(7,395,833)	—
Fixed Income Options (Long)	5,105,467	7,954	4,510,759	34,173
Fixed Income Options (Short)	(5,059,730)	(31,863)	(4,308,193)	(23,886)
Swaps	3,126,204	11,472	3,099,172	91,670
Commodities				
Futures Contracts (Long)	3,508,402	—	255,631	—
Futures Contracts (Short)	(863,298)	—	(327,026)	—
Commodity Options (Long)	166,374	3,346	92,327	803
Commodity Options (Short)	(120,803)	(2,413)	(43,383)	(156)
Forward Contracts	5,963	(392)	—	—
Swaps	8,398	(1,701)	13,973	(455)
Foreign Exchange				
Futures Contracts (Long)	359,150	—	631,703	—
Futures Contracts (Short)	(97,137)	—	(109,246)	—
FX Options (Long)	73,872	11,544	370,963	5,486
FX Options (Short)	221,214	(4,969)	(504,100)	(2,506)
Forward Contracts	2,942,643	94,134	3,167,172	(690)
Swaps	2,021,435	308,389	(1,352,705)	118,268
Total	<u>\$ 6,496,558</u>	<u>\$ 403,449</u>	<u>\$ 2,389,297</u>	<u>\$ 220,917</u>

Offsetting and Netting of Assets and Liabilities

The Master Trust is subject to master netting agreements with certain counterparties. These agreements govern the terms of certain transactions and reduce the counterparty risk associated with the relevant transactions by permitting the Master Trust to net certain amounts due from the Plan to a counterparty against amounts due to the Plan from the same counterparty under certain conditions.

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

As of December 31, 2016, information related to the potential effect of the Master Trust's master netting agreements was as follows (in thousands):

<u>Derivative Assets</u>	<u>Gross Recognized Assets</u>	<u>Gross Amounts Offset</u>	<u>Net Amounts Presented</u>	<u>Net Collateral Received</u>	<u>Net Exposure</u>
Exchange Cleared Interest Rate / Credit	\$ 26,387	\$ 23,082	\$ 3,305	\$ —	\$ 3,305
Exchange Traded Commodities	3,774	1,657	2,117	—	2,117
Exchange Traded Equities	10,244	783	9,461	—	9,461
Exchange Traded Interest Rate / Credit	3,576	2,922	654	—	654
OTC Commodities	295	151	144	—	144
OTC Equities	2,849	723	2,126	1,691	435
OTC Foreign Exchange	520,214	99,899	420,315	217,767	202,548
OTC Interest Rate / Credit	37,220	29,923	7,297	1,589	5,708
Total Derivatives	\$ 604,559	\$ 159,140	\$ 445,419	\$ 221,047	\$ 224,372
Repurchase Agreements	670,875	179,845	491,030	352,036	138,994
Securities on Loan	793,897	—	793,897	793,897	—

<u>Derivative Liabilities</u>	<u>Gross Recognized Liabilities</u>	<u>Gross Amounts Offset</u>	<u>Net Amounts Presented</u>	<u>Net Collateral Pledged</u>	<u>Net Exposure</u>
Exchange Cleared Interest Rate / Credit	\$ 31,902	\$ 23,082	\$ 8,820	\$ 8,820	\$ —
Exchange Traded Commodities	2,841	1,657	1,184	—	1,184
Exchange Traded Equities	2,606	783	1,823	—	1,823
Exchange Traded Interest Rate / Credit	4,146	2,922	1,224	—	1,224
OTC Commodities	2,388	151	2,237	1,961	276
OTC Equities	2,189	723	1,466	—	1,466
OTC Foreign Exchange	111,116	99,899	11,217	580	10,637
OTC Interest Rate / Credit	70,056	29,923	40,133	9,322	30,811
Total Derivatives	\$ 227,244	\$ 159,140	\$ 68,104	\$ 20,683	\$ 47,421
Repurchase Agreements	275,114	179,845	95,269	—	95,269
Securities on Loan	—	—	—	—	—

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

As of December 31, 2015, information related to the potential effect of the Master Trust's master netting agreements was as follows (in thousands):

<u>Derivative Assets</u>	<u>Gross Recognized Assets</u>	<u>Gross Amounts Offset</u>	<u>Net Amounts Presented</u>	<u>Net Collateral Received</u>	<u>Net Exposure</u>
Exchange Cleared Interest Rate / Credit	\$ 20,007	\$ 15,432	\$ 4,575	\$ —	\$ 4,575
Exchange Traded Commodities	803	44	759	—	759
Exchange Traded Equities	14,598	1,763	12,835	—	12,835
Exchange Traded Foreign Exchange	524	4	520	—	520
Exchange Traded Interest Rate / Credit	959	437	522	—	522
OTC Commodities	32	32	—	—	—
OTC Equities	1,870	57	1,813	—	1,813
OTC Foreign Exchange	196,984	28,696	168,288	144,826	23,462
OTC Interest Rate / Credit	192,509	62,786	129,723	16,891	112,832
Total Derivatives	\$ 428,286	\$ 109,251	\$ 319,035	\$ 161,717	\$ 157,318
Repurchase Agreements	1,776,513	19,483	1,757,030	1,620,255	136,775
Securities on Loan	689,849	—	689,849	689,849	—
<u>Derivative Liabilities</u>	<u>Gross Recognized Liabilities</u>	<u>Gross Amounts Offset</u>	<u>Net Amounts Presented</u>	<u>Net Collateral Pledged</u>	<u>Net Exposure</u>
Exchange Cleared Interest Rate / Credit	\$ 19,294	\$ 15,432	\$ 3,862	\$ 1,096	\$ 2,766
Exchange Traded Commodities	156	44	112	—	112
Exchange Traded Equities	2,501	1,763	738	—	738
Exchange Traded Foreign Exchange	294	4	290	—	290
Exchange Traded Interest Rate / Credit	686	437	249	—	249
OTC Commodities	488	32	456	329	127
OTC Equities	15,757	57	15,700	6,130	9,570
OTC Foreign Exchange	76,656	28,696	47,960	26,131	21,829
OTC Interest Rate / Credit	91,538	62,786	28,752	7,251	21,501
Total Derivatives	\$ 207,370	\$ 109,251	\$ 98,119	\$ 40,937	\$ 57,182
Repurchase Agreements	25,968	19,483	6,485	549	5,936
Securities on Loan	—	—	—	—	—

Collateralized Transactions

The Master Trust enters into reverse repurchase agreements as well as securities lending and borrowing agreements to generate additional income and earnings. Reverse repurchase agreements are transactions in which the Master Trust lends cash to borrow financial instruments from another firm and simultaneously enters into an agreement to resell the same financial instruments at a higher price in the future. Securities lending agreements are transactions in which the Master Trust lends securities to another firm, in exchange for collateral which is returned upon the conclusion of the loan, with interest received by the Master Trust over the life of the transaction. The collateral requires 102% of the fair value of U.S. securities borrowed and 105% for non-U.S. securities borrowed. The collateral is marked to market on a daily basis. In the event the counterparty is unable to meet its contractual obligation under the securities lending arrangement, the Master Trust may incur losses equal to the amount by which the market value of the securities differ from the amount of collateral held. The Master Trust mitigates credit risk associated with securities lending arrangements by monitoring the fair value of the securities loaned on a daily basis, with additional collateral obtained or refunded as necessary. Securities borrowing agreements are transactions in which the

**Lockheed Martin Engineering and Sciences Company Retirement Plan
for Certain Hourly Employees
Notes to Financial Statements (continued)**

Master Trust borrows securities from another firm, typically in connection with a short sale, in exchange for collateral which is returned upon the conclusion of the transaction.

At December 31, 2016 and 2015, the fair value of securities on loan was \$790,000,000 and \$690,000,000, the fair value of securities borrowed was \$1,317,000,000 and \$1,328,000,000, and the fair value for reverse repurchase agreements was \$67,000,000 and \$181,000,000. Collateral pledged for securities on loan is not held in the Master Trust, and cannot be sold, repledged, or traded.

Securities lending and borrowing and reverse repurchase agreement income earned by the Master Trust is recorded on an accrual basis and was approximately \$7,000,000 for the year ended December 31, 2016 and 2015.

5. Parties-in-Interest Transactions

The Master Trust invests in funds managed by The Northern Trust Company, the Trustee. Investments in these funds qualify as party-in-interest transactions for which a statutory exemption from the prohibited transaction regulation exists.

6. Income Tax Status

The Internal Revenue Service (IRS) has determined and informed the Corporation by letter dated July 9, 2013, that the Plan is designed in accordance with applicable sections of the Internal Revenue Code (IRC) and, therefore, the related trust is exempt from taxation. The Plan has been amended since issuance of the determination letter. However, the Plan Administrator and the Corporation's counsel believe that the current design and operations of the Plan are in compliance with the applicable provisions of the IRC and, therefore, believe the Plan, as amended, is qualified and the related trust is tax exempt.

GAAP requires plan management to evaluate tax positions taken by the Plan to determine whether the Plan has taken any uncertain positions that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 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, but no tax audits are in progress. The Plan Administrator believes the Plan is no longer subject to income tax examinations for years prior to 2013.

7. Reconciliation of Financial Statements to Form 5500

Interest in net investment gain of Master Trust reported in the financial statements is \$150,000 greater than the amount reported on Form 5500 for the year ended December 31, 2016. Administrative expenses reported in the financial statements are \$150,000 greater than the amount reported on Form 5500 for the year ended December 31, 2016. These differences arose from the classification of certain administrative expenses which are included in the net investment gain in the Master Trust for Form 5500 reporting purposes.

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

Schedule SB, line 26—Schedule of Active Participant Data as of December 25, 2015

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										
25-29										
30-34										
35-39	5									
40-44										
45-49										
50-54		1	1	1						
55-59		1		1	1					
60-64										
65-69										
70+										

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

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

Interest Rates for Minimum Funding Purposes	Based on segment rates with a three-month lookback (as of September 2015), each adjusted as needed to fall within the 25-year average interest rate corridor under HATFA
1st Segment Rate	4.72%
2nd Segment Rate	6.11%
3rd Segment Rate	6.81%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a three-month lookback (as of September 2015), without regard to interest rate stabilization
1st Segment Rate	1.34%
2nd Segment Rate	4.03%
3rd Segment Rate	5.06%
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2015 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	2003 SOA select and ultimate. See Table 2
Disability Rates	See Table 3
Decrement Timing	Beginning of the year decrements, with 100% retirement occurring at beginning of year.
Surviving Spouse Benefit	It is assumed that 80% of males and 50% of females have an eligible spouse, and that males are three years older than their spouses.
Benefit Limits	Projected benefits are limited by the current IRC Section 415 maximum benefit of \$210,000.

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

For ERISA Requirements

Valuation of Plan Assets

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.

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).

Expected Return on Assets

2013 Plan Year

8.00%, limited to 7.16%

2014 Plan Year

8.00%, limited to 6.99%

Trust Expenses Included in Target Normal Cost

\$110,008

Actuarial Method

Standard unit credit cost method

Valuation Date

December 25, 2015

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

Table 1

Retirement Rates

<u>Age</u>	<u>Rate</u>
55	5.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	10.00%
61	10.00%
62	20.00%
63	15.00%
64	15.00%
65	20.00%
66	20.00%
67	20.00%
68	20.00%
69	20.00%
70+	100.00%

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

Table 2—Page 1 of 2

Withdrawal Rates—2003 SOA Select and Ultimate Table
 Years of Service

Age	0-1	2-4	5-9	10+
18	39.64%	0.00%	0.00%	0.00%
19	20.23%	0.00%	0.00%	0.00%
20	17.99%	14.19%	0.00%	0.00%
21	22.38%	18.19%	0.00%	0.00%
22	24.07%	19.60%	15.00%	0.00%
23	23.85%	19.58%	15.09%	0.00%
24	22.70%	18.32%	14.25%	0.00%
25	21.74%	17.14%	12.96%	0.00%
26	20.95%	16.27%	11.29%	0.00%
27	20.41%	15.29%	9.97%	0.00%
28	19.42%	14.52%	9.15%	8.75%
29	18.73%	13.93%	8.69%	5.21%
30	18.61%	13.58%	8.39%	4.84%
31	18.83%	13.09%	8.02%	5.39%
32	18.32%	12.60%	7.76%	5.47%
33	17.39%	11.97%	7.56%	5.30%
34	16.94%	11.33%	7.37%	5.15%
35	16.78%	11.02%	7.15%	5.02%
36	16.69%	10.98%	6.85%	4.87%
37	16.29%	10.99%	6.68%	4.68%
38	16.00%	10.77%	6.44%	4.43%
39	15.36%	10.59%	6.27%	4.32%
40	15.91%	10.35%	6.01%	4.15%
41	15.94%	10.01%	5.89%	3.93%
42	16.05%	9.72%	5.84%	3.86%
43	15.98%	9.71%	5.75%	3.81%
44	15.88%	9.62%	5.77%	3.79%
45	15.48%	9.47%	5.82%	3.73%
46	15.61%	9.54%	5.81%	3.64%
47	15.30%	9.47%	5.61%	3.66%
48	15.15%	9.37%	5.52%	3.70%
49	15.53%	9.02%	5.60%	3.65%

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

Table 2—Page 2 of 2

Withdrawal Rates—2003 SOA Select and Ultimate Table

Age	Years of Service			
	0-1	2-4	5-9	10+
50	15.60%	8.90%	5.32%	3.49%
51	15.35%	9.32%	5.13%	3.38%
52	14.35%	9.52%	4.99%	3.35%
53	14.34%	9.24%	4.70%	3.22%
54	14.17%	8.80%	4.12%	2.37%
55	13.52%	7.82%	2.59%	0.88%
56	12.84%	7.49%	1.84%	0.23%
57	12.66%	7.67%	1.54%	0.11%
58	12.74%	7.68%	1.58%	0.22%
59	13.50%	7.94%	1.92%	0.31%
60	13.63%	7.84%	2.12%	0.20%
61+	0.00%	0.00%	0.00%	0.00%

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

Table 3

Disability Rates

Age	Rate	Age	Rate
18	0.03%	45	0.10%
19	0.03%	46	0.11%
		47	0.12%
20	0.03%	48	0.14%
21	0.03%	49	0.16%
22	0.03%		
23	0.03%	50	0.18%
24	0.03%	51	0.20%
		52	0.23%
25	0.03%	53	0.26%
26	0.04%	54	0.30%
27	0.04%		
28	0.04%	55	0.36%
29	0.04%	56	0.42%
		57	0.50%
30	0.04%	58	0.59%
31	0.04%	59	0.69%
32	0.04%		
33	0.05%	60	0.90%
34	0.05%	61	1.16%
		62	1.46%
35	0.05%	63	1.81%
36	0.05%	64	2.22%
37	0.05%		
38	0.06%		
39	0.06%		
40	0.07%		
41	0.07%		
42	0.08%		
43	0.08%		
44	0.09%		

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

Actuarial Assumptions and Methods

Discussion of Actuarial Assumptions and Methods

For the funding valuation, the allowable interest rates and mortality tables available to measure plan liabilities are prescribed by IRC Section 412. Aon Hewitt provided guidance with respect to the alternative interest rate and mortality table options, and it is our belief that the options prescribed by Lockheed Martin Corporation are appropriate for funding purposes. It is our belief that all other actuarial assumptions used for the funding valuation represent reasonable expectations of anticipated plan experience. The actuarial cost and amortization methods used are prescribed by IRC Section 412. While the method used to value assets is prescribed by Lockheed Martin Corporation, Aon Hewitt provided guidance with respect to the use of this method, and it is our belief that the method is appropriate for funding purposes.

Calculation of Normal Costs and Liabilities

The method used to calculate the ERISA target normal cost and funding target is the unit credit cost method. The funding target under IRC Section 430 is calculated as the present value of all benefits that have been accrued or earned under the plan as of the first day of the plan year, based on current service and current pay. The target normal cost is the present value of all benefits expected to accrue or be earned under the plan during the plan year, including any increase in benefits earned in prior plan years attributable to compensation increases in the current plan year, plus certain trust expenses.

Under this method, benefits are estimated at each decrement age using service and earnings as of the valuation date. The present value of these estimated benefits using the applicable ERISA assumptions is the ERISA funding target. The target normal cost is the present value of the benefits earned during the year.

For calculating the actuarial present value of vested benefits, benefits at each decrement age are determined in the same manner, but are then multiplied by each participant's vesting percentage as of the valuation date. The present value of these estimated vested benefits is determined without recognition of any benefit for which a participant will become entitled only through the advancement in service or age while actively employed. In addition, certain ancillary benefits have been treated as vested consistent with PBGC premium regulations.

The ERISA funding target for lump sum benefits is determined by valuing the annuity that corresponds to the distribution using special actuarial assumptions, as described under Treasury regulations section 1.430(d). Under these special assumptions, for the period beginning with the annuity starting date, the current IRC Section 417(e) applicable mortality table is substituted for the mortality table otherwise used.

SB Actuary Signature

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No 1210-0110 2015 This Form is Open to Public Inspection
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For calendar plan year 2015 or fiscal plan year beginning 12/25/2015 and ending 12/24/2016

► **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 LM Eng & Sciences Co Ret Plan for Cert Hrly Ees	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">B Three-digit plan number (PN) ►</td> <td style="width:40%; text-align: center;">013</td> </tr> </table>	B Three-digit plan number (PN) ►	013
B Three-digit plan number (PN) ►	013		
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF LOCKHEED MARTIN CORPORATION	D Employer Identification Number (EIN) 52-1893632		
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>12</u> Day <u>25</u> Year <u>2015</u>			
2 Assets			
a Market value	2a	7,985,868	
b Actuarial value	2b	8,459,139	
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	345	3,055,815	3,055,815
b For terminated vested participants	334	1,845,109	1,845,109
c For active participants	11	34,220	50,752
d Total	690	4,935,144	4,951,676
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	6.19%	
6 Target normal cost	6	110,008	

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	 THOMAS S. STAUFFER	10/09/2017 Date 1706384 Most recent enrollment number 410-547-2800 Telephone number (including area code)
THOMAS S. STAUFFER Type or print name of actuary AON CONSULTING, INC. Firm name 500 EAST PRATT STREET BALTIMORE MD 21202 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 and OMB Control Numbers, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2015
v. 150123

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
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Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:

a Segment rates:

1st segment
4.72%2nd segment
6.11%3rd segment
6.81%☐ N/A, full yield curve used

b Applicable month (enter code)

21b

3

22 Weighted average retirement age**22**

63

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

110,008

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

31b

110,008

32 Amortization installments

Outstanding Balance

Installment

a Net shortfall amortization installment

0

0

b Waiver amortization installment

0

0

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

0

Carryover balance

Prefunding balance

Total balance

35 Balances elected for use to offset funding requirement

0

0

0

36 Additional cash requirement (line 34 minus line 35)**36**

0

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 13c)**37**

0

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

a Total (excess, if any, of line 37 over line 36)

38a

0

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

38b

0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)**39**

0

40 Unpaid minimum required contributions for all years**40**

0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)**41** If an election was made to use PRA 2010 funding relief for this plan

a Schedule elected

☐ 2 plus 7 years☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made

☐ 2008☐ 2009☐ 2010☐ 2011**42** Amount of acceleration adjustment**42****43** Excess installment acceleration amount to be carried over to future plan years**43**

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

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 beginning of year.

(a)	(b)	(c)	(d)
Age	Rate	Weight	Product (a) × (b) × (c)
55	5.00%	1.0000	2.75
56	5.00%	0.9500	2.66
57	5.00%	0.9025	2.57
58	5.00%	0.8574	2.49
59	5.00%	0.8145	2.40
60	10.00%	0.7738	4.64
61	10.00%	0.6964	4.25
62	20.00%	0.6268	7.77
63	15.00%	0.5014	4.74
64	15.00%	0.4262	4.09
65	20.00%	0.3623	4.71
66	20.00%	0.2898	3.83
67	20.00%	0.2319	3.11
68	20.00%	0.1855	2.52
69	20.00%	0.1484	2.05
70	100.00%	0.1187	8.31
Weighted Average			62.89

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

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

Interest Rates for Minimum Funding Purposes	Based on segment rates with a three-month lookback (as of September 2015), each adjusted as needed to fall within the 25-year average interest rate corridor under HATFA
1st Segment Rate	4.72%
2nd Segment Rate	6.11%
3rd Segment Rate	6.81%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a three-month lookback (as of September 2015), without regard to interest rate stabilization
1st Segment Rate	1.34%
2nd Segment Rate	4.03%
3rd Segment Rate	5.06%
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2015 static mortality table for annuitants and non- annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	2003 SOA select and ultimate. See Table 2
Disability Rates	See Table 3
Decrement Timing	Beginning of the year decrements, with 100% retirement occurring at beginning of year.
Surviving Spouse Benefit	It is assumed that 80% of males and 50% of females have an eligible spouse, and that males are three years older than their spouses.
Benefit Limits	Projected benefits are limited by the current IRC Section 415 maximum benefit of \$210,000.

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

For ERISA Requirements

Valuation of Plan Assets

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.

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).

Expected Return on Assets

2013 Plan Year

8.00%, limited to 7.16%

2014 Plan Year

8.00%, limited to 6.99%

Trust Expenses Included in Target Normal Cost

\$110,008

Actuarial Method

Standard unit credit cost method

Valuation Date

December 25, 2015

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

Table 1

Retirement Rates

<u>Age</u>	<u>Rate</u>
55	5.00%
56	5.00%
57	5.00%
58	5.00%
59	5.00%
60	10.00%
61	10.00%
62	20.00%
63	15.00%
64	15.00%
65	20.00%
66	20.00%
67	20.00%
68	20.00%
69	20.00%
70+	100.00%

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

Table 2—Page 1 of 2

Withdrawal Rates—2003 SOA Select and Ultimate Table

Age	Years of Service			
	0-1	2-4	5-9	10+
18	39.64%	0.00%	0.00%	0.00%
19	20.23%	0.00%	0.00%	0.00%
20	17.99%	14.19%	0.00%	0.00%
21	22.38%	18.19%	0.00%	0.00%
22	24.07%	19.60%	15.00%	0.00%
23	23.85%	19.58%	15.09%	0.00%
24	22.70%	18.32%	14.25%	0.00%
25	21.74%	17.14%	12.96%	0.00%
26	20.95%	16.27%	11.29%	0.00%
27	20.41%	15.29%	9.97%	0.00%
28	19.42%	14.52%	9.15%	8.75%
29	18.73%	13.93%	8.69%	5.21%
30	18.61%	13.58%	8.39%	4.84%
31	18.83%	13.09%	8.02%	5.39%
32	18.32%	12.60%	7.76%	5.47%
33	17.39%	11.97%	7.56%	5.30%
34	16.94%	11.33%	7.37%	5.15%
35	16.78%	11.02%	7.15%	5.02%
36	16.69%	10.98%	6.85%	4.87%
37	16.29%	10.99%	6.68%	4.68%
38	16.00%	10.77%	6.44%	4.43%
39	15.36%	10.59%	6.27%	4.32%
40	15.91%	10.35%	6.01%	4.15%
41	15.94%	10.01%	5.89%	3.93%
42	16.05%	9.72%	5.84%	3.86%
43	15.98%	9.71%	5.75%	3.81%
44	15.88%	9.62%	5.77%	3.79%
45	15.48%	9.47%	5.82%	3.73%
46	15.61%	9.54%	5.81%	3.64%
47	15.30%	9.47%	5.61%	3.66%
48	15.15%	9.37%	5.52%	3.70%
49	15.53%	9.02%	5.60%	3.65%

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

Table 2—Page 2 of 2

Withdrawal Rates—2003 SOA Select and Ultimate Table

Age	Years of Service			
	0-1	2-4	5-9	10+
50	15.60%	8.90%	5.32%	3.49%
51	15.35%	9.32%	5.13%	3.38%
52	14.35%	9.52%	4.99%	3.35%
53	14.34%	9.24%	4.70%	3.22%
54	14.17%	8.80%	4.12%	2.37%
55	13.52%	7.82%	2.59%	0.88%
56	12.84%	7.49%	1.84%	0.23%
57	12.66%	7.67%	1.54%	0.11%
58	12.74%	7.68%	1.58%	0.22%
59	13.50%	7.94%	1.92%	0.31%
60	13.63%	7.84%	2.12%	0.20%
61+	0.00%	0.00%	0.00%	0.00%

Schedule SB Attachment (Form 5500)—2015 Plan Year
 Lockheed Martin Engineering and Sciences Company Retirement Plan for
 Certain Hourly Employees
 EIN: 52-1893632 PN: 013

Table 3

Disability Rates

Age	Rate	Age	Rate
18	0.03%	45	0.10%
19	0.03%	46	0.11%
		47	0.12%
20	0.03%	48	0.14%
21	0.03%	49	0.16%
22	0.03%		
23	0.03%	50	0.18%
24	0.03%	51	0.20%
		52	0.23%
25	0.03%	53	0.26%
26	0.04%	54	0.30%
27	0.04%		
28	0.04%	55	0.36%
29	0.04%	56	0.42%
		57	0.50%
30	0.04%	58	0.59%
31	0.04%	59	0.69%
32	0.04%		
33	0.05%	60	0.90%
34	0.05%	61	1.16%
		62	1.46%
35	0.05%	63	1.81%
36	0.05%	64	2.22%
37	0.05%		
38	0.06%		
39	0.06%		
40	0.07%		
41	0.07%		
42	0.08%		
43	0.08%		
44	0.09%		

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

Actuarial Assumptions and Methods

Discussion of Actuarial Assumptions and Methods

For the funding valuation, the allowable interest rates and mortality tables available to measure plan liabilities are prescribed by IRC Section 412. Aon Hewitt provided guidance with respect to the alternative interest rate and mortality table options, and it is our belief that the options prescribed by Lockheed Martin Corporation are appropriate for funding purposes. It is our belief that all other actuarial assumptions used for the funding valuation represent reasonable expectations of anticipated plan experience. The actuarial cost and amortization methods used are prescribed by IRC Section 412. While the method used to value assets is prescribed by Lockheed Martin Corporation, Aon Hewitt provided guidance with respect to the use of this method, and it is our belief that the method is appropriate for funding purposes.

Calculation of Normal Costs and Liabilities

The method used to calculate the ERISA target normal cost and funding target is the unit credit cost method. The funding target under IRC Section 430 is calculated as the present value of all benefits that have been accrued or earned under the plan as of the first day of the plan year, based on current service and current pay. The target normal cost is the present value of all benefits expected to accrue or be earned under the plan during the plan year, including any increase in benefits earned in prior plan years attributable to compensation increases in the current plan year, plus certain trust expenses.

Under this method, benefits are estimated at each decrement age using service and earnings as of the valuation date. The present value of these estimated benefits using the applicable ERISA assumptions is the ERISA funding target. The target normal cost is the present value of the benefits earned during the year.

For calculating the actuarial present value of vested benefits, benefits at each decrement age are determined in the same manner, but are then multiplied by each participant's vesting percentage as of the valuation date. The present value of these estimated vested benefits is determined without recognition of any benefit for which a participant will become entitled only through the advancement in service or age while actively employed. In addition, certain ancillary benefits have been treated as vested consistent with PBGC premium regulations.

The ERISA funding target for lump sum benefits is determined by valuing the annuity that corresponds to the distribution using special actuarial assumptions, as described under Treasury regulations section 1.430(d). Under these special assumptions, for the period beginning with the annuity starting date, the current IRC Section 417(e) applicable mortality table is substituted for the mortality table otherwise used.

Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
Certain Hourly Employees
EIN: 52-1893632 PN: 013

Schedule SB, Part V—Summary of Plan Provisions

Effective Date of Plan	December 25, 1979
Eligibility	Hourly employees covered by the plan. Eligibility for participation was frozen as of April 9, 1994.
Normal Retirement	
Eligibility requirement	Age 65
Benefit	<p>\$8 per year of credited service up to December 24, 1983; plus \$9 per year of credited service from December 25, 1983 to December 24, 1989; plus \$10 per year of credited service from December 25, 1989 to December 24, 1990; plus \$13 per year of credited service after December 24, 1990; with the total being no more than 35 years.</p> <p>No additional benefits will accrue beyond December 24, 1994.</p>
Early Retirement	
Eligibility Requirement	Age 55 and ten years of credited, continuous, or vesting service.
Benefit	<p>The accrued normal retirement benefit, reduced by the lesser of:</p> <p>(a) 2.5% for each year payment commences prior to age 65.</p> <p>(b) 2.5% for each point under 85. The points earned equal the sum of the participant's age (in years and months) and credited service since the last break-in-service.</p>

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**Total and Permanent Disability
Retirement**

Eligibility Requirement

Total and permanent disability for at least six months, and ten years of continuous service as of the date of disability.

Benefit

The monthly benefit computed as in normal retirement based on credited service to date of disability, reduced by excess of the sum of worker's compensation or disability benefits over 60% of the monthly pay at the time of disability. This benefit is payable while the participant is disabled until age 65. At age 65, the normal retirement benefit is payable.

Disability Supplement

Eligibility Requirement

Early retirees under total and permanent disability

Benefit

\$5 for each year of credited service up to a maximum of \$125. The temporary benefit is payable until age 65.

**Preretirement Surviving Spouse's
Benefit**

Eligibility Requirement

Five years of vesting or continuous service

Benefit

The spouse will receive a benefit as if the participant had retired on the day before his death and elected a 100% joint and survivor annuity. The benefit is deferred to what would have been the participant's earliest retirement date under the plan.

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**Postretirement Surviving Spouse's
Benefit**

For participants who retire from active status, a lump sum determined as follows:

Age at Death	Benefit
55 - 59	\$ 2,000
60 - 64	\$ 1,500
65 or older	\$ 1,000

For participants on disability retirement, a lump sum of \$1,000.

The lump sum benefit is reduced by death benefits from other company insurance and retirement plans. This benefit is not payable to vested terminations.

**Termination
Eligibility Requirement**

Five years of vesting or continuous service

Benefit

- (a) A deferred monthly benefit computed as in
 - normal retirement, payable at age 65, or
- (b) Vested terminations with at least ten years of credited, continuous or vesting service may elect a monthly benefit computed as in normal retirement, reduced for payment commencing prior to age 65 in accordance with the following:

Age at Retirement	Percent Reduction
64	11.1%
63	20.8%
62	29.2%
61	36.6%
60	43.1%
59	48.8%
58	53.9%
57	58.4%
56	62.4%
55	66.0%

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Termination

Benefits (cont.)

(c) If termination is due to layoff and the participant has 25 or more years of credited, continuous or vesting service, a monthly benefit computed as in normal retirement, reduced 2.5% for each point under 85.

Normal Form of Benefit Payment

and survivor annuity

Married Participants A reduced 50% joint

Unmarried Participants Single life annuity

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

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**Schedule SB Attachment (Form 5500)—2015 Plan Year
Lockheed Martin Engineering and Sciences Company Retirement Plan for
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EIN: 52-1893632 PN: 013**

Schedule SB, line 24—Change in Actuarial Assumptions

The following Assumption Changes have been made since the prior Valuation:

- The expense load was changed from \$117,825 to \$110,008 to reflect actual administrative expenses.

Schedule SB Attachment (Form 5500)—2015 Plan Year
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Schedule SB, line 26—Schedule of Active Participant Data as of December 25, 2015

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										
25-29										
30-34										
35-39	5									
40-44										
45-49										
50-54		1	1	1						
55-59		1		1	1					
60-64										
65-69										
70+										

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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 beginning of year.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55	5.00%	1.0000	2.75
56	5.00%	0.9500	2.66
57	5.00%	0.9025	2.57
58	5.00%	0.8574	2.49
59	5.00%	0.8145	2.40
60	10.00%	0.7738	4.64
61	10.00%	0.6964	4.25
62	20.00%	0.6268	7.77
63	15.00%	0.5014	4.74
64	15.00%	0.4262	4.09
65	20.00%	0.3623	4.71
66	20.00%	0.2898	3.83
67	20.00%	0.2319	3.11
68	20.00%	0.1855	2.52
69	20.00%	0.1484	2.05
70	100.00%	0.1187	8.31
Weighted Average			62.89

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