Wesco Aircraft Holdings, Inc Form SC 13G/A February 12, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 4)*

WESCO AIRCRAFT HOLDINGS, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

950814103

(CUSIP Number)

December 31, 2015

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- x Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

^{*} The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

2

Schedule 13G

Names of Reporting Persons The Carlyle Group L.P. 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8% 12 Type of Reporting Person

3

Schedule 13G

Names of Reporting Persons Carlyle Group Management L.L.C. 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8% 12 Type of Reporting Person OO (Limited Liability Company)

4

Schedule 13G

Names of Reporting Persons Carlyle Holdings I GP Inc. 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8% 12 Type of Reporting Person CO

CUSIP No. 950814103 Schedule 13G Names of Reporting Persons Carlyle Holdings I GP Sub L.L.C. 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8% 12 Type of Reporting Person OO (Limited Liability Company)

6

CUSIP No. 950814103 Schedule 13G Names of Reporting Persons Carlyle Holdings I L.P. 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8% 12 Type of Reporting Person

7

Schedule 13G

Names of Reporting Persons TC Group, L.L.C. 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8% 12 Type of Reporting Person OO (Limited Liability Company)

8

CUSIP No. 950814103 Schedule 13G Names of Reporting Persons TC Group IV Managing GP, L.L.C. 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8% 12 Type of Reporting Person OO (Limited Liability Company)

9

Schedule 13G

Names of Reporting Persons Falcon Aerospace Holdings, LLC 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization Delaware 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially 23,330,184 Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 23,330,184 9 Aggregate Amount Beneficially Owned by Each Reporting Person 23,330,184 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 23.8%

CUSIP No. 950814103

12

Type of Reporting Person OO (Limited Liability Company)

10

Schedule 13G

Names of Reporting Persons Michael Battenfield 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 2,425 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 2,425 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 2,425 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person

11

Schedule 13G

Names of Reporting Persons Morris Benoun 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person

12

Schedule 13G

CCSH 110. 25001	1103			Defication 130
	Names of Reporting Persons Han Sun Cho			
2	2 Check the Appropriate Box if a Member of a Group			
<u> </u>	(a)	0	or a Group	
	(b)	0		
	. ,			
3	SEC Use Only			
4	Citizen or Place of Org	ganization		
	United States			
	5			
	3		Sole Voting Power	
Number of			129,091	
Shares	6		Shared Voting Power	
Beneficially	O		0	
Owned by				
Each	7		Sole Dispositive Power	
Reporting			129,091	
Person With				
	8		Shared Dispositive Power	
			0	
9	A compacts A mount Da	nafiaially Oymad	by Each Reporting Person	
9	129,091	nencially Owned	by Each Reporting Ferson	
	125,051			
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares o			
	Not Applicable		(2) 2.1014463 2014411 214123	
	TI			
11	Percent of Class Repre	sented by Amoun	t in Row 9	
	0.1%			
10				
12	Type of Reporting Per	son		
	IN			

13

Schedule 13G

Names of Reporting Persons Victoria J. Conner 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 20,420 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting 20,420 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 20,420 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person

14

Schedule 13G

CCSH 110. 23001	1103			Schedule 13G
	Names of Reporting P Gregory Dietz	ersons		
2				
	(a) (b)	o o		
3	SEC Use Only			
4	Citizen or Place of Organization United States			
Number of	5		Sole Voting Power 21,529	
Shares Beneficially Owned by	6		Shared Voting Power 0	
Each Reporting Person With	7		Sole Dispositive Power 21,529	
	8		Shared Dispositive Power 0	
9	Aggregate Amount Beneficially Owned by Each Reporting Person 21,529			
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable			
11	Percent of Class Represented by Amount in Row 9 0.0%			
12	Type of Reporting Per IN	rson		

15

Schedule 13G

Names of Reporting Persons Paul E. Fulchino 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 108,659 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 108,659 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 108,659 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person

16

Schedule 13G

Names of Reporting Persons James E. Grason 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 1,000 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting 1,000 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,000 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person

17

Schedule 13G

COSH 110. 2300	11103			Selicadic 13G	
	Names of Reporting George Hess	ng Persons			
2	Check the Approp	riate Box if a Mo	ember of a Group		
	(a)	o	•		
	(b)	0			
3	SEC Use Only				
4	Citizen or Place of United States	Citizen or Place of Organization United States			
	5		Sole Voting Power		
Number of					
Shares	6		Shared Voting Power		
Beneficially			124,895		
Owned by Each	7		0 1 D: :: D		
Reporting	7		Sole Dispositive Power 0		
Person With			O		
	8		Shared Dispositive Power 124,895		
9	Aggregate Amour 124,895	Aggregate Amount Beneficially Owned by Each Reporting Person 124,895			
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable				
11	Percent of Class R 0.1%	Percent of Class Represented by Amount in Row 9 0.1%			
12	Type of Reporting IN	Person			

18

Schedule 13G

Names of Reporting Persons George and Lisa Hess Trust dated October 1, 2003 2 Check the Appropriate Box if a Member of a Group (b) 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 124,895 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 124,985 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 124,895 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person OO (Trust)

19

Schedule 13G

Names of Reporting Persons John P. Jumper 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 43,940 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting 43,940 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 43,940 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person IN

20

Schedule 13G

Names of Reporting Persons Sheryl Knights 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 29,098 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 29,098 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 29,098 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person IN

21

Schedule 13G

COSH 110. 75001	1105			Schedule 130
	Names of Reporting Mark Kuntz	Persons		
2	Check the Appropria (a) (b)	o o	r of a Group	
3	SEC Use Only			
4	Citizen or Place of Organization United States			
Number of	5		Sole Voting Power 0	
Shares Beneficially Owned by	6		Shared Voting Power	
Each Reporting Person With	7		Sole Dispositive Power 0	
	8		Shared Dispositive Power 0	
9	Aggregate Amount Beneficially Owned by Each Reporting Person 0			
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable			
11	Percent of Class Represented by Amount in Row 9 0.0%			
12	Type of Reporting P IN	erson		

CUSIP No. 95081	4103			Schedule 13G
	Names of Reporting Persons Tommy Lee			
2	Check the Appropriate (a) (b)	e Box if a Member o o	of a Group	
3	SEC Use Only			
4	Citizen or Place of Organization United States			
	5		Sole Voting Power	
Number of Shares Beneficially Owned by	6		Shared Voting Power 3,223	
Each Reporting Person With	7		Sole Dispositive Power 0	
	8		Shared Dispositive Power 3,223	
9	Aggregate Amount Beneficially Owned by Each Reporting Person 3,223			
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable			
11	Percent of Class Represented by Amount in Row 9 0.0%			
12	Type of Reporting PersIN	son		

23

Schedule 13G

Names of Reporting Persons Lee Living Trust 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 3,223 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting 3,223 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 3,223 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person OO (Trust)

24

Schedule 13G

Names of Reporting Persons Alex Murray 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United Kingdom 5 Sole Voting Power 207,298 Number of Shares 6 Shared Voting Power Beneficially Owned by Each 7 Sole Dispositive Power Reporting 207,298 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 207,298 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person IN

25

Schedule 13G

Names of Reporting Persons Robert D. Paulson 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 77,932 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 77,932 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 77,932 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person

26

Schedule 13G

Names of Reporting Persons John Segovia 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 692 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 692 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person IN

27

Schedule 13G

Names of Reporting Persons Randy J. Snyder 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization United States 5 Sole Voting Power 898,018 Number of Shares Shared Voting Power 6 Beneficially Owned by Each 7 Sole Dispositive Power Reporting 898,018 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 898,018 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 12 Type of Reporting Person

CUSIP No. 950814103 Schedule 13G

Names of Reporting Persons Joshua Jack Snyder Exempt Trust U/T Randy Snyder 2005 Grantor Trust 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 1,278,046 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting 1,278,046 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,278,046 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9

12

Type of Reporting Person

OO (Trust)

CUSIP No. 950814103 Schedule 13G

Names of Reporting Persons Joshua Jack Snyder Exempt Trust U/T Susan Snyder 2005 Grantor Trust 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 1,278,046 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting 1,278,046 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,278,046 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9

12

Type of Reporting Person

OO (Trust)

CUSIP No. 950814103 Schedule 13G

Names of Reporting Persons Justin Henry Snyder Exempt Trust U/T Randy Snyder 2005 Grantor Trust 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 1,278,046 Number of Shares Shared Voting Power 6 Beneficially Owned by Each Sole Dispositive Power Reporting 1,278,046 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,278,046 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable

11 Percent of Class Represented by Amount in Row 9

12 Type of Reporting Person OO (Trust)

CUSIP No. 950814103 Schedule 13G

Names of Reporting Persons Justin Henry Snyder Exempt Trust U/T Susan Snyder 2005 Grantor Trust 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 1,278,046 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 1,278,046 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,278,046 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9

12

Type of Reporting Person

OO (Trust)

32

CUSIP No. 950814103 Schedule 13G Names of Reporting Persons Randy Snyder 2009 Extended Family Trust 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 1,425,448 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 1,425,448 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,425,448 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 1.5% 12 Type of Reporting Person OO (Trust)

33

Schedule 13G

Names of Reporting Persons Susan Snyder 2009 Extended Family Trust 2 Check the Appropriate Box if a Member of a Group (b) o 3 SEC Use Only 4 Citizen or Place of Organization California 5 Sole Voting Power 1,425,449 Number of Shares 6 Shared Voting Power Beneficially Owned by Each Sole Dispositive Power Reporting 1,425,449 Person With 8 Shared Dispositive Power 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,425,449 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares o Not Applicable 11 Percent of Class Represented by Amount in Row 9 1.5% 12 Type of Reporting Person OO (Trust)