

UNITED AIRLINES, INC.  
Form 424B2  
October 25, 2017  
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**Filed Pursuant to Rule 424(b)(2)**  
**Registration No. 333-203630-01**

**CALCULATION OF REGISTRATION FEE**

<b>Title of each class of securities offered</b>	<b>Maximum aggregate offering price</b>	<b>Amount of registration fee</b>
Class B Pass Through Certificates, Series 2016-2	\$236,173,000	\$29,403.54

(1) The filing fee of \$29,403.54 is calculated in accordance with Rule 457(r) of the Securities Act of 1933.

**Table of Contents****PROSPECTUS SUPPLEMENT TO PROSPECTUS, DATED APRIL 24, 2015**

\$236,173,000

**2016-2 PASS THROUGH TRUSTS****CLASS B PASS THROUGH CERTIFICATES, SERIES 2016-2**

United Airlines Class B Pass Through Certificates, Series 2016-2, are being offered under this prospectus supplement. The Class AA Pass Through Certificates and the Class A Pass Through Certificates of the same series were originally issued on September 27, 2016, and are not being offered under this prospectus supplement. The Class B certificates will rank junior in right of distributions to such Class AA and Class A certificates. The Class B certificates represent interests in the Class B trust to be established in connection with this offering. The proceeds from the sale of the Class B certificates will be used by the Class B trust to acquire Series B equipment notes. The Series B equipment notes will be issued by United Airlines, Inc. and will be secured by 13 Boeing aircraft currently owned by United that were delivered new to United between December 2016 and June 2017. Payments on the Series B equipment notes held in the Class B trust will be passed through to the holders of Class B certificates.

Interest on the Series B equipment notes will be payable semiannually on each April 7 and October 7, beginning April 7, 2018. Principal payments on the Series B equipment notes are scheduled on April 7 and October 7 of each year, beginning on April 7, 2018.

Commonwealth Bank of Australia, New York Branch, will provide the initial liquidity facility for the Class B certificates in an amount sufficient to make three semiannual interest payments.

The Class B certificates will not be listed on any national securities exchange.

**Investing in the Class B certificates involves risks. See Risk Factors beginning on page S-17.**

<b>Pass Through Certificates</b>	<b>Face Amount</b>	<b>Interest Rate</b>	<b>Final Expected Distribution Date</b>	<b>Price to Public(1)</b>
Class B	\$236,173,000	3.65%	October 7, 2025	100%

(1) Plus accrued interest, if any, from the date of issuance.

The underwriters will purchase all of the Class B certificates if any are purchased. The aggregate proceeds from the sale of the Class B certificates will be \$236,173,000. United will pay the underwriters a commission of \$2,361,730. Delivery of the Class B certificates in book-entry form only will be made on or about November 6, 2017.

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

**Lead Bookrunners**

**Credit Suisse**

**Goldman Sachs & Co. LLC**

**Morgan Stanley**

**Sole Structuring Agent**

**Bookrunners**

**Citigroup**

**Deutsche Bank Securities**

**BofA Merrill Lynch**

**J.P. Morgan**

**BNP Paribas**

**Credit Agricole Securities**

The date of this prospectus supplement is October 23, 2017.

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**CERTAIN VOLCKER RULE CONSIDERATIONS**

None of the Trusts are or, immediately after the issuance of the Certificates pursuant to the Trust Supplements, will be a covered fund as defined in the final regulations issued December 10, 2013, implementing the Volcker Rule (Section 619 of the Dodd-Frank Wall Street Reform and Consumer Protection Act). In making the foregoing determination, each of the Trusts is relying on an analysis that the Trusts will not be deemed to be an investment company under Rule 3a-7 promulgated by the Securities and Exchange Commission (the Commission), under the Investment Company Act of 1940, as amended (the Investment Company Act), although other exemptions or exclusions under the Investment Company Act may be available to the Trusts.

**PRESENTATION OF INFORMATION**

These offering materials consist of two documents: (a) this Prospectus Supplement, which describes the terms of the certificates that we are currently offering, and (b) the accompanying Prospectus, which provides general information about our pass through certificates, some of which may not apply to the certificates that we are currently offering. The information in this Prospectus Supplement replaces any inconsistent information included in the accompanying Prospectus.

We have given certain capitalized terms specific meanings for purposes of this Prospectus Supplement. The Index of Terms attached as Appendix I to this Prospectus Supplement lists the page in this Prospectus Supplement on which we have defined each such term.

At various places in this Prospectus Supplement and the Prospectus, we refer you to other sections of such documents for additional information by indicating the caption heading of such other sections. The page on which each principal caption included in this Prospectus Supplement and the Prospectus can be found is listed in the Table of Contents below. All such cross references in this Prospectus Supplement are to captions contained in this Prospectus Supplement and not in the Prospectus, unless otherwise stated.

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You should rely only on the information contained in this document or to which this document refers you. We have not authorized anyone to provide you with information that is different. This document may be used only where it is legal to sell these securities. The information in this document may be accurate only on the date of this document.

**Table of Contents****PROSPECTUS SUPPLEMENT SUMMARY**

This summary highlights selected information from this Prospectus Supplement and the accompanying Prospectus and may not contain all of the information that is important to you. For more complete information about the Class B Certificates and United, you should read this entire Prospectus Supplement and the accompanying Prospectus, as well as the materials filed with the Securities and Exchange Commission that are considered to be part of this Prospectus Supplement and the Prospectus. See [Incorporation of Certain Documents by Reference](#) in this Prospectus Supplement and the Prospectus.

**Summary of Terms of Certificates**

	<b>Previously Issued Class AA Certificates</b>	<b>Previously Issued Class A Certificates</b>	<b>Class B Certificates</b>
Aggregate Face Amount(1)	\$636,512,000	\$283,081,000	\$236,173,000
Interest Rate	2.875%	3.100%	3.65%
Initial Loan to Aircraft Value (cumulative)(2)(3)	40.2%	58.1%	73.0%
Highest Loan to Aircraft Value (cumulative)(2)(3)	40.2%	58.1%	73.0%
Expected Principal Distribution Window (in years from applicable original issuance date)	1.5 12.0	1.5 12.0	0.4 7.9
Initial Average Life (in years from applicable original issuance date)	9.1	9.1	5.4
Regular Distribution Dates	April 7 and October 7	April 7 and October 7	April 7 and October 7
Final Expected Distribution Date	October 7, 2028	October 7, 2028	October 7, 2025
Final Maturity Date	April 7, 2030	April 7, 2030	April 7, 2027
Minimum Denomination	\$1,000	\$1,000	\$1,000
Section 1110 Protection	Yes	Yes	Yes
Liquidity Facility Coverage	3 semiannual interest payments	3 semiannual interest payments	3 semiannual interest payments

- (1) The Class AA Certificates and Class A Certificates were originally issued September 27, 2016. The Class AA Certificates and Class A Certificates are not being offered pursuant to this Prospectus Supplement.
- (2) These percentages are calculated as of November 6, 2017, the expected issuance date of the Class B Certificates. In calculating these percentages, we have assumed that the aggregate appraised value of the Aircraft subject to this Offering is \$1,583,240,000 as of such date. The appraised value is only an estimate and reflects certain assumptions. See [Description of the Aircraft and the Appraisals](#) [The Appraisals](#) .
- (3) See [Loan to Aircraft Value Ratios](#) .





**Table of Contents****Equipment Notes and the Aircraft**

The Series B Equipment Notes will have a security interest in 13 Aircraft currently owned by United. The Series AA Equipment Notes and the Series A Equipment Notes, which will rank senior to the Series B Equipment Notes in right of payment, were previously issued by United to finance the acquisition of such Aircraft and have a security interest in such Aircraft. The 13 Aircraft, which were delivered new to United between December 2016 and June 2017, consist of one Boeing 737-824 aircraft, three Boeing 737-924ER aircraft, two Boeing 787-9 aircraft and seven Boeing 777-322ER aircraft. See Description of the Aircraft and the Appraisals The Appraisals for a description of the 13 Aircraft. Set forth below is certain information about the Equipment Notes to be held in the Trusts and the 13 Aircraft that will secure such Equipment Notes:

Aircraft Model	Manufacturer s			Principal	Principal	Appraised
	Registration	Serial	Delivery	Amount of	Amount of	
	Number	Number	Month	Senior	Series B	Value(2)
				Equipment	Equipment	
				Notes(1)	Notes	
Boeing 737-824	N77538	63694	December 2016	\$ 27,862,000	\$ 6,222,000	\$ 46,690,000
Boeing 737-924ER	N61898	62815	December 2016	29,357,000	7,180,000	50,050,000
Boeing 737-924ER	N63899	62816	December 2016	29,357,000	7,199,000	50,076,667
Boeing 737-924ER	N38479	62817	December 2016	29,357,000	7,197,000	50,073,333
Boeing 787-9	N29968	60141	January 2017	78,813,000	21,861,000	137,910,000
Boeing 787-9	N15969	60142	February 2017	78,877,000	22,140,000	138,380,000
Boeing 777-322ER	N2737U	62647	March 2017	92,150,000	23,146,000	157,940,000
Boeing 777-322ER	N2140U	62651	June 2017	92,226,000	23,647,000	158,730,000
Boeing 777-322ER	N2639U	62650	May 2017	92,226,000	23,457,000	158,470,000
Boeing 777-322ER	N2341U	63721	June 2017	92,303,000	23,570,000	158,730,000
Boeing 777-322ER	N2142U	63722	June 2017	92,303,000	23,570,000	158,730,000
Boeing 777-322ER	N2243U	63723	June 2017	92,381,000	23,492,000	158,730,000
Boeing 777-322ER	N2644U	63724	June 2017	92,381,000	23,492,000	158,730,000

(1) The principal amount of Senior Equipment Notes for an Aircraft represents the sum of the principal amount of the Series AA Equipment Notes and Series A Equipment Notes for such Aircraft.

(2) The appraised value of each Aircraft set forth above is the lesser of the average and median values of such Aircraft as appraised by three independent appraisal and consulting firms. Such appraisals indicate appraised base value as of the date set forth in such appraisal. These appraisals are based upon varying assumptions and methodologies. An appraisal is only an estimate of value and should not be relied upon as a measure of realizable value. See Risk Factors Risk Factors Relating to the Class B Certificates and the Offering The Appraisals are only estimates of Aircraft value and the appraisal letters included in Appendix II of this Prospectus Supplement.



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The following table sets forth loan to Aircraft value ratios ( LTVs ) for each Class of Certificates as of the Issuance Date and as of each Regular Distribution Date thereafter. The table should not be considered a forecast or prediction of expected or likely LTVs but simply a mathematical calculation based on one set of assumptions. See Risk Factors Risk Factors Relating to the Class B Certificates and the Offering The Appraisals are only estimates of Aircraft value .

Regular Distribution Date	Assumed Aggregate Aircraft Value(1)	Outstanding Balance(2)			LTV(3)		
		Class AA Certificates	Class A Certificates	Class B Certificates	Class AA Certificates	Class A Certificates	Class B Certificates
At Issuance Date	\$ 1,583,240,000	\$ 636,512,000	\$ 283,081,000	\$ 236,173,000	40.2%	58.1%	73.0%
April 7, 2018	1,561,183,533	619,688,366	275,598,893	226,059,110	39.7%	57.3%	71.8%
October 7, 2018	1,536,994,436	602,864,732	268,116,785	215,945,220	39.2%	56.7%	70.7%
April 7, 2019	1,512,805,340	586,041,098	260,634,678	205,831,330	38.7%	56.0%	69.6%
October 7, 2019	1,488,616,244	569,217,464	253,152,571	195,717,440	38.2%	55.2%	68.4%
April 7, 2020	1,464,427,148	552,393,829	245,670,464	185,603,550	37.7%	54.5%	67.2%
October 7, 2020	1,440,238,051	535,570,195	238,188,356	175,489,660	37.2%	53.7%	65.9%
April 7, 2021	1,416,048,955	518,746,561	230,706,249	165,375,770	36.6%	52.9%	64.6%
October 7, 2021	1,391,859,859	501,922,927	223,224,142	155,261,880	36.1%	52.1%	63.3%
April 7, 2022	1,367,670,763	485,099,293	215,742,035	145,147,990	35.5%	51.2%	61.9%
October 7, 2022	1,343,481,666	468,275,659	208,259,927	135,034,100	34.9%	50.4%	60.4%
April 7, 2023	1,319,292,570	451,452,025	200,777,820	124,920,210	34.2%	49.4%	58.9%
October 7, 2023	1,295,103,474	437,824,881	194,717,313	114,806,320	33.8%	48.8%	57.7%
April 7, 2024	1,270,914,378	424,197,737	188,656,806	104,692,430	33.4%	48.2%	56.5%
October 7, 2024	1,246,725,282	410,570,594	182,596,299	94,578,540	32.9%	47.6%	55.2%
April 7, 2025	1,222,536,185	396,943,450	176,535,793	84,464,650	32.5%	46.9%	53.8%
October 7, 2025	1,198,347,089	383,316,306	170,475,286		32.0%	46.2%	0.0%
April 7, 2026	1,174,157,993	369,689,163	164,414,779		31.5%	45.5%	0.0%
October 7, 2026	1,149,968,897	356,062,019	158,354,272		31.0%	44.7%	0.0%
April 7, 2027	1,125,779,800	342,434,875	152,293,765		30.4%	43.9%	0.0%
October 7, 2027	1,101,590,704	328,807,732	146,233,258		29.8%	43.1%	0.0%
April 7, 2028	1,077,401,608	315,180,588	140,172,751		29.3%	42.3%	0.0%
October 7, 2028	1,053,212,512				0.0%	0.0%	0.0%

- (1) We have assumed that the initial appraised value of each Aircraft, determined as described under Equipment Notes and the Aircraft , declines by approximately 3% per year after the year of delivery of such Aircraft, in each case prior to the final expected Regular Distribution Date. Other rates or methods of depreciation may result in materially different LTVs. We cannot assure you that the depreciation rate and method used for purposes of the table will occur or predict the actual future value of any Aircraft. See Risk Factors Risk Factors Relating to the Class B Certificates and the Offering The Appraisals are only estimates of Aircraft value .
- (2) In calculating the outstanding balances of each Class of Certificates, we have assumed that the Trusts will hold the Equipment Notes for all Aircraft. Outstanding balances as of each Regular Distribution Date are shown after giving effect to distributions expected to be made on such distribution date.

- (3) The LTVs for each Class of Certificates were obtained for the Issuance Date and each Regular Distribution Date by dividing (i) the expected outstanding balance of such Class (together, in the case of the Class A Certificates and Class B Certificates, with the expected outstanding balance of the Certificates ranking senior in right of payment to such Class) after giving effect to the distributions of principal, if any, expected to be made on such date, by (ii) the assumed value of all of the Aircraft on such date based on the assumptions described above. The outstanding balances and LTVs of each Class of Certificates will change if the Trusts do not hold Equipment Notes with respect to all the Aircraft.

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**Cash Flow Structure**

Set forth below is a diagram illustrating the structure of the Certificates and certain cash flows.

- (1) The Equipment Notes with respect to each Aircraft will be issued under a separate Indenture.
- (2) The Liquidity Facility for each of the Class AA Certificates, the Class A Certificates and the Class B Certificates is expected to be sufficient to cover up to three consecutive semiannual interest payments with respect to such Class.
- (3) The proceeds of the offering of the Class B Certificates will be used by the Class B Trust to purchase Series B Equipment Notes on the Issuance Date. The scheduled payments of interest on the Series B Equipment Notes will be sufficient to pay accrued interest on the outstanding Class B Certificates.

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**The Offering**

Certificates Offered	<p>Class B Pass Through Certificates, Series 2016-2.</p> <p>The Class AA Certificates and Class A Certificates of the same series were issued on September 27, 2016 and are not being offered under this prospectus supplement. Each Class of Certificates will represent a fractional undivided interest in the related Trust.</p>
Use of Proceeds	<p>The proceeds from the sale of the Class B Certificates will be used by the Class B Trust to acquire Series B Equipment Notes on the Issuance Date. The proceeds from the sale of the Series B Equipment Notes will be used for United's general corporate purposes.</p>
Subordination Agent, Trustee and Loan Trustee	<p>Wilmington Trust, National Association.</p>
Liquidity Provider	<p>Commonwealth Bank of Australia, New York Branch.</p>
Trust Property	<p>The property of the Class B Trust will include:</p> <p>Series B Equipment Notes acquired by the Class B Trust.</p> <p>All monies receivable under the Liquidity Facility for the Class B Trust.</p> <p>Funds from time to time deposited with the Class B Trustee in accounts relating to the Class B Trust, including payments made by United on the Series B Equipment Notes held in the Class B Trust.</p>
Purchase of Series B Equipment Notes	<p>On the Issuance Date, the Class B Trust will purchase the Series B Equipment Notes issued by United with respect to each Aircraft pursuant to the Note Purchase Agreement.</p>
Regular Distribution Dates	<p>April 7 and October 7, commencing on April 7, 2018.</p>

Record Dates

The fifteenth day preceding the related Distribution Date.

Distributions

The Class B Trustee will distribute all payments of principal, premium (if any) and interest received on the Series B Equipment Notes held in the Class B Trust to the holders of the Class B Certificates, subject to the subordination provisions applicable to the Class B Certificates.

Scheduled payments of principal and interest made on the Series B Equipment Notes will be distributed on the applicable Regular Distribution Dates.

Payments of principal, premium (if any) and interest made on the Series B Equipment Notes resulting from any early redemption of the Series B Equipment Notes will be distributed on a special distribution date after not less than 15 days' notice from the Class B Trustee to the applicable Class B Certificateholders.



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Subordination

Distributions on the Certificates will be made in the following order:

First, to the holders of the Class AA Certificates to pay interest on the Class AA Certificates.

Second, to the holders of Class A Certificates to pay interest on the Preferred A Pool Balance.

Third, to the holders of the Class B Certificates to pay interest on the Preferred B Pool Balance.

Fourth, to the holders of the Class AA Certificates to make distributions in respect of the Pool Balance of the Class AA Certificates.

Fifth, to the holders of the Class A Certificates to pay interest on the Pool Balance of the Class A Certificates not previously distributed under clause Second above.

Sixth, to the holders of the Class A Certificates to make distributions in respect of the Pool Balance of the Class A Certificates.

Seventh, to the holders of the Class B Certificates to pay interest on the Pool Balance of the Class B Certificates not previously distributed under clause Third above.

Eighth, to the holders of the Class B Certificates to make distributions in respect of the Pool Balance of the Class B Certificates.

Control of Loan Trustee

The holders of at least a majority of the outstanding principal amount of Equipment Notes issued under each Indenture will be entitled to direct the Loan Trustee under such Indenture in taking action as long as no Indenture Default is continuing thereunder. If an Indenture Default is continuing, subject to certain conditions, the Controlling Party will direct the Loan Trustee under such Indenture (including in exercising remedies, such as accelerating such Equipment Notes or foreclosing the lien on the Aircraft securing such Equipment Notes).

The Controlling Party will be:

The Class AA Trustee.

Upon payment of final distributions to the holders of Class AA Certificates, the Class A Trustee.

Upon payment of final distributions to the holders of Class A Certificates, the Class B Trustee.

Under certain circumstances, and notwithstanding the foregoing, the Liquidity Provider with the largest amount owed to it.

In exercising remedies during the nine months after the earlier of (a) the acceleration of the Equipment Notes issued pursuant to any Indenture or (b) the bankruptcy of United, the Equipment Notes and the Aircraft subject to the lien of such Indenture may not be sold for less than certain specified minimums.

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Right to Purchase Other Classes of Certificates

If United is in bankruptcy and certain specified circumstances then exist:

The Class A Certificateholders will have the right to purchase all but not less than all of the Class AA Certificates.

The Class B Certificateholders will have the right to purchase all but not less than all of the Class AA and Class A Certificates.

If Additional Junior Certificates have been issued, the holders of such Additional Junior Certificates will have the right to purchase all but not less than all of the Class AA, Class A and Class B Certificates.

The purchase price in each case described above will be the outstanding balance of the applicable Class of Certificates plus accrued and unpaid interest.

Liquidity Facilities

Under the Liquidity Facility for each of the Class AA, Class A and Class B Trusts, the Liquidity Provider will, if necessary, make advances in an aggregate amount sufficient to pay interest on the applicable Certificates on up to three successive semiannual Regular Distribution Dates at the interest rate for such Certificates. Drawings under the Liquidity Facilities cannot be used to pay any amount in respect of the applicable Certificates other than interest.

Notwithstanding the subordination provisions applicable to the Certificates, the holders of the Certificates issued by the Class AA Trust, the Class A Trust or the Class B Trust will be entitled to receive and retain the proceeds of drawings under the Liquidity Facility for such Trust.

Upon each drawing under any Liquidity Facility to pay interest on the applicable Certificates, the Subordination Agent will reimburse the applicable Liquidity Provider for the amount of such drawing. Such reimbursement obligation and all interest, fees and other amounts owing to the Liquidity Provider under each Liquidity Facility and certain other agreements will rank equally with comparable obligations relating to the other Liquidity Facilities and will rank senior to the Certificates in right of payment.

Issuances of Additional Classes of  
Certificates

Additional pass through certificates of one or more separate pass through trusts, which will evidence fractional undivided ownership interests in equipment notes secured by Aircraft, may be issued. Any such transaction may relate to (a) the issuance of one or more new series of subordinated equipment notes with respect to some or all of the Aircraft at any time after the Issuance Date or (b) the refinancing of Series A Equipment Notes, Series B Equipment Notes or any of such other series of subordinated equipment notes at or after

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repayment of any such refinanced Series A Equipment Notes, Series B Equipment Notes or other equipment notes issued with respect to all (but not less than all) of the Aircraft secured by such refinanced notes at any time after the Issuance Date. The holders of Additional Junior Certificates relating to other series of subordinated equipment notes, if issued, will have the right to purchase all of the Class AA, Class A and Class B Certificates under certain circumstances after a bankruptcy of United at the outstanding principal balance of the Certificates to be purchased plus accrued and unpaid interest and other amounts due to Certificateholders, but without a premium. Consummation of any such issuance of additional pass through certificates will be subject to satisfaction of certain conditions, including, if issued after the Issuance Date, receipt of confirmation from the Rating Agencies that it will not result in a withdrawal, suspension or downgrading of the rating of any Class of Certificates that remains outstanding. See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates .

**Equipment Notes**

- (a) Issuer United. United's executive offices are located at 233 S. Wacker Drive, Chicago, Illinois 60606. United's telephone number is (872) 825-4000.
- (b) Interest The Series B Equipment Notes will accrue interest at the rate per annum for the Class B Certificates set forth on the cover page of this Prospectus Supplement. Interest will be payable on April 7 and October 7 of each year, commencing on April 7, 2018. Interest is calculated on the basis of a 360-day year consisting of twelve 30-day months.
- (c) Principal Principal payments on the Series B Equipment Notes are scheduled on April 7 and October 7 of each year, commencing on April 7, 2018.
- (d) Redemption *Aircraft Event of Loss.* If an Event of Loss occurs with respect to an Aircraft, all of the Equipment Notes issued with respect to such Aircraft will be redeemed, unless United replaces such Aircraft under the related financing agreements. The redemption price in such case will be the unpaid principal amount of such Equipment Notes, together with accrued interest, but without any premium.
- Optional Redemption.* United may elect to redeem all of the Equipment Notes issued with respect to an Aircraft prior to maturity only if all outstanding Equipment Notes with respect to all other Aircraft are simultaneously redeemed. In addition, United may elect to redeem all of the Series A Equipment Notes or Series B Equipment Notes in

connection with a refinancing of such Series. The redemption price for any optional redemption will be the unpaid principal amount of the relevant Equipment Notes, together with accrued interest and Make-Whole Premium.

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(e) Security	The Series B Equipment Notes issued with respect to each Aircraft will be secured by a security interest in such Aircraft. The Series AA Equipment Notes and the Series A Equipment Notes previously issued with respect to each Aircraft are also secured by a security interest in such Aircraft.
(f) Cross-collateralization	The Equipment Notes held in the Trusts will be cross-collateralized. This means that any proceeds from the exercise of remedies with respect to an Aircraft will be available to cover shortfalls then due under Equipment Notes issued with respect to the other Aircraft. In the absence of any such shortfall, excess proceeds will be held by the relevant Loan Trustee as additional collateral for such other Equipment Notes.
(g) Cross-default	There will be cross-default provisions in the Indentures. This means that if the Equipment Notes issued with respect to one Aircraft are in default and remedies are exercisable with respect to such Aircraft, the Equipment Notes issued with respect to the remaining Aircraft will also be in default, and remedies will be exercisable with respect to all Aircraft.
(h) Section 1110 Protection	United's outside counsel will provide its opinion to the Class B Trustee that the benefits of Section 1110 of the U.S. Bankruptcy Code will be available with respect to the Series B Equipment Notes.
Certain U.S. Federal Tax Consequences	Each person acquiring an interest in Class B Certificates generally should report on its federal income tax return its pro rata share of income from the Series B Equipment Notes and other property held by the Class B Trust. See Certain U.S. Federal Tax Consequences .
Certain ERISA Considerations	Each person who acquires a Class B Certificate will be deemed to have represented that either: (a) no employee benefit plan assets have been used to purchase or hold such Class B Certificate or (b) the purchase and holding of such Class B Certificate are exempt from the prohibited transaction restrictions of ERISA and the Code pursuant to one or more prohibited transaction statutory or administrative exemptions. Each person who is an employee benefit plan subject to Title I of ERISA, a plan subject to Section 4975 of the Code, or an entity whose underlying assets are deemed to include plan assets by reason of such a plan's investment in such entity and acquires a Class B Certificate will be deemed to have made certain representations, including representations regarding the fiduciary making the decision to acquire a Class B Certificate on its behalf and that neither it nor such fiduciary is paying UAL, United, any underwriter nor any of their respective affiliates any

fee or other compensation for the provision of investment advice (as opposed to other services) in connection with such acquisition. See Certain ERISA Considerations .

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		<b>Fitch</b>	<b>Moody's</b>
Threshold Rating for the Liquidity Provider for the Class B Trust	Long Term	BBB-	Baa2
Liquidity Provider Rating	The Liquidity Provider meets the Liquidity Threshold Rating requirements.		

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**Table of Contents****SUMMARY FINANCIAL AND OPERATING DATA**

The following tables summarize certain consolidated financial and operating data with respect to United. This information was derived as follows:

Statement of operations data for the nine months ended September 30, 2017 and 2016 was derived from the unaudited consolidated financial statements of United, including the notes thereto, included in United's Quarterly Report on Form 10-Q for the quarter ended September 30, 2017. Statement of operations data for years ended December 31, 2016, 2015 and 2014 was derived from the audited consolidated financial statements of United, including the notes thereto, included in United's Annual Report on Form 10-K filed with the Commission on February 23, 2017 (the Form 10-K).

The ratio of earnings to fixed charges for the nine months ended September 30, 2017 was derived from Exhibit 12.2 of United's Quarterly Report on Form 10-Q for the quarter ended September 30, 2017. The ratio of earnings to fixed charges for the years ended December 31, 2016, 2015, 2014, 2013 and 2012 was derived from Exhibit 12.2 to the Form 10-K.

Special charges data for the nine months ended September 30, 2017 and 2016 was derived from the unaudited consolidated financial statements of United, including the notes thereto, included in United's Quarterly Report on Form 10-Q for the quarter ended September 30, 2017. Special charges data for the years ended December 31, 2016, 2015 and 2014 was derived from the audited consolidated financial statements of United, including the notes thereto, included in the Form 10-K.

Balance sheet data as of September 30, 2017 was derived from the unaudited consolidated financial statements of United, including the notes thereto, included in United's Quarterly Report on Form 10-Q for the quarter ended September 30, 2017. Balance sheet data as of December 31, 2016 and 2015 was derived from the audited consolidated financial statements of United, including the notes thereto, included in the Form 10-K.

	Nine Months Ended September 30,		Year Ended December 31,		
	2017	2016	2016	2015	2014
<b>Statement of Operations Data(1) (in millions):</b>					
Operating revenue	\$ 28,298	\$ 27,504	\$ 36,556	\$ 37,864	\$ 38,901
Operating expenses	25,528	24,170	32,215	32,696	36,524
Operating income	2,770	3,334	4,341	5,168	2,377
Net income	1,552	1,867	2,264	7,301	1,114

	Nine Months Ended September 30,			Year Ended December 31,		
	2017	2016	2015	2014	2013	2012
Ratio of Earnings to Fixed Charges(2)	3.27	3.75	3.93	1.65	1.37	

As of September 30,

As of December 31,

	2017	2016	2015
<b>Balance Sheet Data (in millions):</b>			
Unrestricted cash, cash equivalents and short-term investments	\$ 4,322	\$ 4,422	\$ 5,190
Total assets	42,558	40,091	40,861
Debt and capital leases(3)	13,943	11,705	11,759
Stockholder s equity	8,915	8,606	8,963

*(Footnotes on the next page)*

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- (1) Includes the following special charges:

	Nine Months Ended September 30,		Year Ended December 31,		
	2017	2016	2016	2015	2014
<b>Special charges (in millions):</b>					
<b>Operating:</b>					
Severance and benefit costs	\$ 101	\$ 27	\$ 37	\$ 107	\$ 199
Impairment of assets	15	412	412	79	49
Labor agreement costs		124	64	18	
Cleveland airport lease restructuring		74	74		
(Gains) losses on sale of assets and other special charges	29	32	51	122	195
<b>Nonoperating:</b>					
Loss on extinguishment of debt and other, net		(1)	(1)	202	74
Income tax benefit related to special charges	(52)	(241)	(229)	(11)	(10)
Income tax benefit associated with valuation allowance release(4)				(3,130)	
Income tax adjustment(5)			180		

- (2) For purposes of calculating this ratio, earnings consist of income before income taxes adjusted for fixed charges, amortization of capitalized interest, distributed earnings of affiliates, interest capitalized and equity earnings in affiliates. Fixed charges consist of interest expense and the portion of rent expense representative of the interest factor. For the year ended December 31, 2012, earnings were inadequate to cover fixed charges by \$689 million.
- (3) Includes the current and noncurrent portions of debt and capital leases.
- (4) During 2015, United released almost all of its income tax valuation allowance, resulting in a \$3.1 billion benefit in its provision for income taxes.
- (5) Prior to the release of the deferred income tax valuation allowance in 2015, the Company recorded approximately \$465 million of valuation allowance adjustments in accumulated other comprehensive income ( AOCI ). Subsequent to the release of the deferred income tax valuation allowance in 2015, the \$465 million debit remained within AOCI, of which \$180 million related to losses on fuel hedges designated for hedge accounting and \$285 million related to pension and other postretirement liabilities. Accounting rules required the adjustments to remain in AOCI as long as the Company had fuel derivatives designated for cash flow hedge accounting and the Company continues to provide pension and postretirement benefits. In 2016, we settled all of our fuel hedges and did not enter into any new fuel derivative contracts for hedge accounting. Accordingly, the Company reclassified the \$180 million to income tax expense in 2016.



**Table of Contents****Selected Operating Data**

United transports people and cargo through its mainline operations, which utilize jet aircraft with at least 118 seats, and its regional operations, which utilize smaller aircraft that are operated under contract by United Express carriers. These regional operations are an extension of United's mainline network.

	Nine Months Ended September 30,		Year Ended December 31,		
	2017	2016	2016	2015	2014
<b>Mainline Operations:</b>					
Passengers (thousands)(1)	81,091	75,417	101,007	96,327	91,475
Revenue passenger miles (millions)(2)	146,252	140,573	186,181	183,642	179,015
Available seat miles (millions)(3)	176,710	169,252	224,692	219,989	214,105
Cargo ton miles (millions)	2,406	2,015	2,805	2,614	2,487
Passenger revenue per available seat mile (cents)	11.30	11.30	11.31	11.97	12.51
Average yield per revenue passenger mile (cents)(4)	13.65	13.60	13.65	14.34	14.96
Cost per available seat mile (cents)	12.49	12.15	12.22	12.41	14.02
Average price per gallon of fuel, including fuel taxes	\$ 1.66	\$ 1.45	\$ 1.49	\$ 1.96	\$ 2.98
Fuel gallons consumed (millions)	2,357	2,457	3,261	3,216	3,183
Average stage length (miles)(5)	1,817	1,878	1,859	1,922	1,958
Average daily utilization of each aircraft (hours)(6)	10:30	10:25	10:06	10:24	10:26
<b>Regional Operations:</b>					
Passengers (thousands)(1)	29,563	31,737	44,170	44,042	46,554
Revenue passenger miles (millions)(2)	16,860	18,198	24,128	24,969	26,544
Available seat miles (millions)(3)	20,648	21,820	28,898	30,014	31,916
<b>Consolidated Operations:</b>					
Passengers (thousands)(1)	110,654	107,154	143,177	140,369	138,029
Revenue passenger miles (millions)(2)	163,112	158,771	210,309	208,611	205,559
Available seat miles (millions)(3)	197,358	191,072	253,590	250,003	246,021
Passenger load factor:(7)					
Consolidated	82.6%	83.1%	82.9%	83.4%	83.6%
Domestic	85.2%	85.4%	85.4%	85.7%	86.0%
International	79.5%	80.4%	80.0%	80.7%	81.3%
Passenger revenue per available seat mile (cents)	12.32	12.40	12.40	13.11	13.72
Average yield per revenue passenger mile (cents)(4)	14.91	14.92	14.96	15.72	16.42

- (1) The number of revenue passengers measured by each flight segment flown.
- (2) The number of scheduled miles flown by revenue passengers.
- (3) The number of seats available for passengers multiplied by the number of scheduled miles those seats are flown.
- (4) The average passenger revenue received for each revenue passenger mile flown.
- (5) Average stage length equals the average distance a flight travels weighted for size of aircraft.
- (6) The average number of hours per day that an aircraft flown in revenue service is operated (from gate departure to gate arrival).
- (7) Revenue passenger miles divided by available seat miles.

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**RISK FACTORS**

Unless the context otherwise requires, references in this Risk Factors section and The Company section to UAL, the Company, we, us and our mean United Continental Holdings, Inc. ( UAL ) and its consolidated subsidiaries, including United Airlines, Inc. ( United ), and references to United include United's consolidated subsidiaries.

**Risk Factors Relating to the Company**

***Global economic, political and industry conditions constantly change and unfavorable conditions may have a material adverse effect on the Company's business and results of operations.***

The Company's business and results of operations are significantly impacted by global economic and industry conditions. The airline industry is highly cyclical, and the level of demand for air travel is correlated to the strength of the U.S. and global economies. The Company is a global business with operations outside of the United States from which it derives significant operating revenues. The Company's international operations are a vital part of its worldwide airline network. Volatile economic, political and market conditions in these international regions may have a negative impact on the Company's operating results and its ability to achieve its business objectives.

Robust demand for the Company's air transportation services depends largely on favorable economic conditions, including the strength of the domestic and foreign economies, low unemployment levels, strong consumer confidence levels and the availability of consumer and business credit. Air transportation is often a discretionary purchase that leisure travelers may limit or eliminate during difficult economic times. In addition, during periods of unfavorable economic conditions, business travelers usually reduce the volume of their travel, either due to cost-saving initiatives or as a result of decreased business activity requiring travel. During such periods, the Company's business and results of operations may be adversely affected due to significant declines in industry passenger demand, particularly with respect to the Company's business and premium cabin travelers, and a reduction in fare levels.

Stagnant or weakening global economic conditions either in the United States or in other geographic regions, and any future volatility in U.S. and global financial and credit markets may have a material adverse effect on the Company's revenues, results of operations and liquidity. If such economic conditions were to disrupt capital markets in the future, the Company may be unable to obtain financing on acceptable terms (or at all) to refinance certain maturing debt and to satisfy future capital commitments.

Recently, United Kingdom ( UK ) voters voted for the UK to exit the European Union (the EU ), a non-binding referendum that, if passed into law, could adversely affect European and worldwide economic and market conditions and could contribute to instability in global financial and foreign exchange markets, including volatility in the value of the British pound and European euro, additional travel restrictions on passengers traveling between the UK and other EU countries and legal uncertainty and potentially divergent national laws and regulations. These adverse effects in European market conditions could negatively impact the Company's business, results of operations, and financial condition.

In addition, significant or volatile changes in exchange rates between the U.S. dollar and other currencies may have a material adverse impact upon the Company's liquidity, revenues, costs and operating results.

***The airline industry is highly competitive and susceptible to price discounting and changes in capacity, which could have a material adverse effect on the Company.***



The U.S. airline industry is characterized by substantial price competition including from low-cost carriers. The significant market presence of low-cost carriers, which engage in substantial price discounting, may diminish our ability to achieve sustained profitability on domestic and international routes.

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Airlines also compete for market share by increasing or decreasing their capacity, including route systems and the number of markets served. Several of the Company's domestic and international competitors have increased their international capacity by including service to some destinations that the Company currently serves, causing overlap in destinations served and therefore increasing competition for those destinations. This increased competition in both domestic and international markets may have a material adverse effect on the Company's results of operations, financial condition or liquidity.

***Terrorist attacks or international hostilities, or the fear of terrorist attacks or hostilities, even if not made directly on the airline industry, could negatively affect the Company and the airline industry.***

The terrorist attacks on September 11, 2001 involving commercial aircraft severely and adversely impacted the Company's financial condition and results of operations, as well as the prospects for the airline industry. Among the effects experienced from the September 11, 2001 terrorist attacks were substantial flight disruption costs caused by the Federal Aviation Administration (the FAA) imposed temporary grounding of the U.S. airline industry's fleet, significantly increased security costs and associated passenger inconvenience, increased insurance costs, substantially higher ticket refunds and significantly decreased traffic and passenger revenue.

Additional terrorist attacks, even if not made directly on the airline industry, or the fear of or the precautions taken in anticipation of such attacks (including elevated national threat warnings or selective cancellation or redirection of flights) could materially and adversely affect the Company and the airline industry. Wars and other international hostilities could also have a material adverse impact on the Company's financial condition, liquidity and results of operations. The Company's financial resources may not be sufficient to absorb the adverse effects of any future terrorist attacks or other international hostilities.

***Increasing privacy and data security obligations or a significant data breach may adversely affect the Company's business.***

The Company is subject to increasing legislative, regulatory and customer focus on privacy issues and data security. Also, a number of the Company's commercial partners, including credit card companies, have imposed data security standards that the Company must meet and these standards continue to evolve. The Company will continue its efforts to meet its privacy and data security obligations; however, it is possible that certain new obligations may be difficult to meet and could increase the Company's costs. Additionally, the Company must manage evolving cybersecurity risks. The loss, disclosure, misappropriation of or access to customers', employees' or business partners' information or the Company's failure to meet its obligations could result in legal claims or proceedings, liability or regulatory penalties. A significant data breach or the Company's failure to meet its obligations may adversely affect the Company's reputation, business, results of operations and financial condition.

***The Company relies heavily on technology and automated systems to operate its business and any significant failure or disruption of the technology or these systems could materially harm its business.***

The Company depends on automated systems and technology to operate its business, including computerized airline reservation systems, flight operations systems, revenue management systems, accounting systems, telecommunication systems and commercial websites, including www.united.com. United's website and other automated systems must be able to accommodate a high volume of traffic, maintain secure information and deliver important flight and schedule information, as well as process critical financial transactions. These systems could suffer substantial or repeated disruptions due to various events, some of which are beyond the Company's control, including natural disasters, power failures, terrorist attacks, equipment or software failures, computer viruses or cyber security attacks. Substantial or repeated systems failures or disruptions, including failures or disruptions related to the Company's complex integration

of systems, could reduce the attractiveness of the Company's services versus those of its competitors, materially impair its ability to market its services and operate its flights, result in the unauthorized release of confidential or otherwise protected information, result in

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increased costs, lost revenue and the loss or compromise of important data, and may adversely affect the Company's business, results of operations and financial condition.

***Current or future litigation and regulatory actions, or failure to comply with the terms of any settlement, order or arrangement relating to these actions, could have a material adverse impact on the Company.***

From time to time, we are subject to litigation and other legal and regulatory proceedings relating to our business or investigations or other actions by governmental agencies, including as described in Part I, Item 3 – Legal Proceedings of the Company's Annual Report on Form 10-K for the year ended December 31, 2016. On October 13, 2015, United received a Civil Investigative Demand ( CID ) from the Civil Division of the United States Department of Justice ( DOJ ). The CID requested documents and oral testimony from United in connection with an industry-wide DOJ investigation related to delivery scan and other data purportedly required for payment for the carriage of mail under United's International Commercial Air Contracts with the United States Postal Service. The Company has been responding to the DOJ's request and cooperating in the investigation since that time. On November 8, 2016, the DOJ Criminal Division met with representatives from the Company and advised they are conducting an industry-wide investigation into the same matter. The Company is also cooperating with the government in this aspect of their investigation and on December 21, 2016 representatives from the Company met with both the Civil and Criminal Divisions to provide additional information. The Company cannot predict what action, if any, might be taken in the future by the DOJ or other governmental authorities as a result of these investigations.

No assurances can be given that the results of these or new matters will be favorable to us. An adverse resolution of lawsuits, arbitrations, investigations or other proceedings or actions could have a material adverse effect on our financial condition and results of operations, including as a result of non-monetary remedies. Defending ourselves in these matters may be time-consuming, expensive and disruptive to normal business operations and may result in significant expense and a diversion of management's time and attention from the operation of our business, which could impede our ability to achieve our business objectives. Additionally, any amount that we may be required to pay to satisfy a judgment, settlement, fine or penalty may not be covered by insurance. If we fail to comply with the terms contained in any settlement, order or agreement with a governmental authority relating to these matters, we could be subject to criminal or civil penalties, which could have a material adverse impact on the Company. Under our charter and certain indemnification agreements that we have entered into (and may in the future enter into) with our officers, directors and certain third parties, we could be required to indemnify and advance expenses to them in connection with their involvement in certain actions, suits, investigations and other proceedings. There can be no assurance that any of these payments will not be material.

***Disruptions to the Company's regional network and United Express flights provided by third-party regional carriers could adversely affect the Company's operations and financial condition.***

The Company has contractual relationships with various regional carriers to provide regional jet and turboprop service branded as United Express. These regional operations are an extension of the Company's mainline network and complement the Company's operations by carrying traffic that connects to mainline service and allows flights to smaller cities that cannot be provided economically with mainline aircraft. The Company's business and operations are dependent on its regional flight network, with regional capacity accounting for approximately 11% of the Company's total capacity as of December 31, 2016.

Although the Company has agreements with its regional carriers that include contractually agreed performance metrics, the Company does not control the operations of these carriers. A number of factors may impact the Company's regional network, including weather-related effects and seasonality. In addition, the decrease in qualified pilots driven by federal regulations has adversely impacted and could continue to affect the Company's regional flying.

For example, the FAA's expansion of minimum pilot qualification standards, including a requirement that a pilot have at least 1,500 total flight hours, as well as the FAA's revised pilot flight

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and duty time rules, effective January 2014, have contributed to a smaller supply of pilots available to regional carriers. The decrease in qualified pilots resulting from the regulations as well as factors including a decreased student pilot population and a shrinking U.S. military from which to hire qualified pilots, could adversely impact the Company's operations and financial condition, and also require the Company to reduce regional carrier flying.

If a significant disruption occurs to the Company's regional network or flights or if one or more of the regional carriers with which the Company has relationships is unable to perform their obligations over an extended period of time, there could be a material adverse effect on the Company's business, financial condition and operations.

***The Company's business relies extensively on third-party service providers. Failure of these parties to perform as expected, or interruptions in the Company's relationships with these providers or their provision of services to the Company, could have an adverse effect on the Company's financial position and results of operations.***

The Company has engaged third-party service providers to perform a large number of functions that are integral to its business, including regional operations, operation of customer service call centers, distribution and sale of airline seat inventory, provision of information technology infrastructure and services, transmitting or uploading of data, provision of aircraft maintenance and repairs, provision of various utilities and performance of aircraft fueling operations, among other vital functions and services. The Company does not directly control these third-party service providers, although it does enter into agreements with most of them that define expected service performance. Any of these third-party service providers, however, may materially fail to meet their service performance commitments to the Company, may suffer disruptions to their systems that could impact their services, or the agreements with such providers may be terminated. For example, flight reservations booked by customers and travel agencies via third-party global distribution systems ( GDS ) may be adversely affected by disruptions in the business relationships between the Company and GDS operators. Such disruptions, including a failure to agree upon acceptable contract terms when contracts expire or otherwise become subject to renegotiation, may cause the Company's flight information to be limited or unavailable for display, significantly increase fees for both the Company and GDS users, and impair the Company's relationships with its customers and travel agencies. The failure of any of the Company's third-party service providers to perform their service obligations adequately, or other interruptions of services, may reduce the Company's revenues and increase its expenses, prevent the Company from operating its flights and providing other services to its customers or result in adverse publicity or harm to its brand. In addition, the Company's business and financial performance could be materially harmed if its customers believe that its services are unreliable or unsatisfactory.

***Orders for new aircraft typically must be placed years in advance of scheduled deliveries, and changes in the Company's route network over time may make aircraft on order less economic for the Company, but any modification or termination of such orders could result in material liability for the Company.***

The Company's orders for new aircraft are typically made years in advance of actual delivery of such aircraft, and the financial commitment required for purchases of new aircraft is substantial. At December 31, 2016, the Company had firm commitments to purchase 257 new aircraft from The Boeing Company ( Boeing ), Airbus S.A.S ( Airbus ) and Embraer S.A. ( Embraer ), as well as related agreements with engine manufacturers, maintenance providers and others. At December 31, 2016, the Company's commitments relating to the acquisition of aircraft and related spare engines, aircraft improvements and other related obligations aggregated \$23.3 billion.

Subsequent to the Company placing an order for new aircraft, the Company's route network may change, such that the aircraft on order become less economic to operate flights in the Company's network. As a result, the Company's preference for a particular aircraft that it has ordered, often years in advance, may be decreased or eliminated. If the Company were to seek to modify or terminate its existing aircraft order commitments, it may



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be responsible for material obligations to its counterparties arising from any such change. However, the Company expects that any such change that it makes would be in the long-term best economic interest of the Company.

***The Company could experience adverse publicity, harm to its brand, reduced travel demand and potential tort liability as a result of an accident, catastrophe, or incident involving its aircraft, the aircraft of its regional carriers or the aircraft of its codeshare partners, which may result in a material adverse effect on the Company's results of operations or financial position.***

An accident, catastrophe, or incident involving an aircraft that the Company operates, or an aircraft that is operated by a codeshare partner or one of the Company's regional carriers, could have a material adverse effect on the Company if such accident, catastrophe, or incident created a public perception that the Company's operations, or the operations of its codeshare partners or regional carriers, are not safe or reliable, or are less safe or reliable than other airlines. Such public perception could in turn result in adverse publicity for the Company, cause harm to the Company's brand and reduce travel demand on the Company's flights, or the flights of its codeshare partners or regional carriers.

In addition, any such accident, catastrophe, or incident could expose the Company to significant tort liability. Although the Company currently maintains liability insurance in amounts and of the type the Company believes to be consistent with industry practice to cover damages arising from any such accident or catastrophe, and the Company's codeshare partners and regional carriers carry similar insurance and generally indemnify the Company for their operations, if the Company's liability exceeds the applicable policy limits or the ability of another carrier to indemnify it, the Company could incur substantial losses from an accident, catastrophe or incident which may result in a material adverse effect on the Company's results of operations or financial position.

***If we experience changes in, or are unable to retain, our senior management team or other key employees, our operating results could be adversely affected.***

Much of our future success depends on the continued availability of skilled personnel with industry experience and knowledge, including our senior management team and other key employees. If we are unable to attract and retain talented, highly qualified senior management and other key employees, or if we are unable to effectively provide for the succession of senior management, our business may be adversely affected.

***High and/or volatile fuel prices or significant disruptions in the supply of aircraft fuel could have a material adverse impact on the Company's strategic plans, operating results, financial position and liquidity.***

Aircraft fuel is critical to the Company's operations and is one of its single largest operating expenses. The timely and adequate supply of fuel to meet operational demand depends on the continued availability of reliable fuel supply sources, as well as related service and delivery infrastructure. Although the Company has some ability to cover short-term fuel supply and infrastructure disruptions at some major demand locations, it can neither predict nor guarantee the continued timely availability of aircraft fuel throughout the Company's system. The Company generally sources fuel at prevailing market prices.

Aircraft fuel has historically been the Company's most volatile operating expense due to the highly unpredictable nature of market prices for fuel. Market prices for aircraft fuel have historically fluctuated substantially in short periods of time and continue to be highly volatile due to a dependence on a multitude of unpredictable factors beyond the Company's control. These factors include changes in global crude oil prices, the balance between aircraft fuel supply and demand, natural disasters, prevailing inventory levels and fuel production and transportation infrastructure. Prices of fuel are also impacted by indirect factors that may potentially impact fuel supply or demand balance, such as geopolitical events, economic growth indicators,





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fiscal/monetary policies, fuel tax policies, environmental concerns and financial investments in energy markets. Both actual changes in these factors, as well as changes in market expectations of these factors can potentially drive rapid changes in fuel price levels in short periods of time.

Given the highly competitive nature of the airline industry, the Company may not be able to increase its fares and fees sufficiently to offset the full impact of increases in fuel prices, especially if these increases are significant, rapid and sustained. Further, such fare and fee increases may not be sustainable, may reduce the general demand for air travel and may also eventually impact the Company's strategic growth and investment plans for the future. In addition, decreases in fuel prices for an extended period of time may result in increased industry capacity, increased competitive actions for market share and lower fares or surcharges in general. If fuel prices were to then subsequently rise quickly, there may be a lag between the rise in fuel prices and any improvement of the revenue environment.

To protect against increases in the market prices of fuel, the Company may hedge a portion of its future fuel requirements. However, the Company's hedging program may not be successful in mitigating higher fuel costs, and any price protection provided may be limited due to choice of hedging instruments and market conditions, including breakdown of correlation between hedging instrument and market price of aircraft fuel and failure of hedge counterparties. To the extent that the Company decides to hedge a portion of its future fuel requirements and uses hedge contracts that have the potential to create an obligation to pay upon settlement if fuel prices decline significantly, such hedge contracts may limit the Company's ability to benefit fully from lower fuel costs in the future. If fuel prices decline significantly from the levels existing at the time the Company enters into a hedge contract, the Company may be required to post collateral (margin) beyond certain thresholds. There can be no assurance that the Company's hedging arrangements will provide any particular level of protection against rises in fuel prices or that its counterparties will be able to perform under the Company's hedging arrangements. Additionally, deterioration in the Company's financial condition could negatively affect its ability to enter into new hedge contracts in the future.

See Note 10 to the financial statements included in the Company's Annual Report on Form 10-K for the year ended December 31, 2016 and Note 7 to the financial statements included in the Company's Quarterly Report on Form 10-Q for the quarter ended September, 30, 2017 for additional information on the Company's hedging activities.

***Union disputes, employee strikes or slowdowns, and other labor-related disruptions could adversely affect the Company's operations and could result in increased costs that impair its financial performance.***

United is a highly unionized company. As of September 30, 2017, the Company and its subsidiaries had approximately 89,700 employees, of whom approximately 80% were represented by various U.S. labor organizations.

There is a risk that unions or individual employees might pursue judicial or arbitral claims arising out of changes implemented as a result of the Company entering into collective bargaining agreements with its represented employee groups. There is also a possibility that employees or unions could engage in job actions such as slowdowns, work-to-rule campaigns, sick-outs or other actions designed to disrupt the Company's normal operations, in an attempt to pressure the Company in collective bargaining negotiations. Although the Railway Labor Act makes such actions unlawful until the parties have been lawfully released to self-help, and the Company can seek injunctive relief against premature self-help, such actions can cause significant harm even if ultimately enjoined. In addition, collective bargaining agreements with the Company's represented employee groups increase the Company's labor costs, which increase could be material for any applicable reporting period.

See Notes 15 and 16 to the financial statements included in the Company's Annual Report on Form 10-K for the year ended December 31, 2016 and Note 8 to the financial statements included in the Company's Quarterly Report for the quarter ended September 30, 2017 for additional information on labor negotiations and costs.

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***An outbreak of a disease or similar public health threat could have a material adverse impact on the Company's business, financial position and results of operations.***

An outbreak of a disease or similar public health threat that affects travel demand or travel behavior, or travel restrictions or reduction in the demand for air travel caused by an outbreak of a disease or similar public health threat in the future, could have a material adverse impact on the Company's business, financial condition and results of operations.

***Extensive government regulation could increase the Company's operating costs and restrict its ability to conduct its business.***

Airlines are subject to extensive regulatory and legal oversight. Compliance with U.S. and international regulations imposes significant costs and may have adverse effects on the Company. Laws, regulations, taxes and airport rates and charges, both domestically and internationally, have been proposed from time to time that could significantly increase the cost of airline operations or reduce airline revenue.

United provides air transportation under certificates of public convenience and necessity issued by the U.S. Department of Transportation (the DOT). If the DOT altered, amended, modified, suspended or revoked these certificates, it could have a material adverse effect on the Company's business. The FAA regulates the safety of United's operations. United operates pursuant to an air carrier operating certificate issued by the FAA. In January 2014, the FAA's more stringent pilot flight and duty time requirements under Part 117 of the Federal Aviation Regulations took effect, which has increased costs for all carriers. In July 2014, minimum qualifications took effect for air carrier first officers. These regulations will continue to impact the industry and the Company for years to come, as they have caused mainline airlines to hire regional pilots, while simultaneously significantly reducing the pool of new pilots from which regional carriers themselves can hire. Although this is an industry issue, it directly affects the Company and requires it to reduce regional partner flying, as several regional partners have experienced difficulty flying their schedules due to reduced pilot availability. From time to time, the FAA also issues orders, airworthiness directives and other regulations relating to the maintenance and operation of aircraft that require material expenditures or operational restrictions by the Company. These FAA orders and directives could include the temporary grounding of an entire aircraft type if the FAA identifies design, manufacturing, maintenance or other issues requiring immediate corrective action. These FAA directives or requirements could have a material adverse effect on the Company.

In addition, the Company's operations may be adversely impacted due to the existing antiquated air traffic control (ATC) system utilized by the U.S. government. During peak travel periods in certain markets, the current ATC system's inability to handle ATC demand has led to short-term capacity constraints imposed by government agencies and resulted in delays and disruptions of air traffic. In addition, the current system will not be able to effectively handle projected future air traffic growth. Imposition of these ATC constraints on a long-term basis may have a material adverse effect on the Company's operations. Failure to update the ATC system in a timely manner, and the substantial funding requirements of a modernized ATC system that may be imposed on air carriers may have an adverse impact on the Company's financial condition or results of operations.

Access to landing and take-off rights, or slots, at several major U.S. airports and many foreign airports served by the Company are, or recently have been, subject to government regulation. Certain of the Company's major hubs are among the most congested airports in the United States and have been or could be the subject of regulatory action that might limit the number of flights and/or increase costs of operations at certain times or throughout the day. The FAA may limit the Company's airport access by limiting the number of departure and arrival slots at high density traffic airports, which could affect the Company's ownership and transfer rights, and local airport authorities may have the ability to control access to certain facilities or the cost of access to their facilities, which could have an adverse effect

on the Company's business. The FAA historically has taken actions with respect to airlines' slot holdings that airlines have challenged; if the FAA were to take actions that adversely affect the Company's slot holdings, the Company could incur substantial costs to preserve its slots or may lose

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slots. If slots are eliminated at an airport, or if the number of hours of operation governed by slots is reduced at an airport, the lack of controls on takeoffs and landings could result in greater congestion both at the affected airport or in the regional airspace (e.g., the New York City metropolitan region airspace) and could significantly impact the Company's operations. Further, the Company's operating costs at airports, including the Company's major hubs, may increase significantly because of capital improvements at such airports that the Company may be required to fund, directly or indirectly. Such costs could be imposed by the relevant airport authority without the Company's approval and may have a material adverse effect on the Company's financial condition.

The ability of carriers to operate flights on international routes between the United States and other countries may be subject to change. Applicable arrangements between the United States and foreign governments may be amended from time to time, government policies with respect to airport operations may be revised, and the availability of appropriate slots or facilities may change. The Company currently operates a number of flights on international routes under government arrangements, regulations or policies that designate the number of carriers permitted to operate on such routes, the capacity of the carriers providing services on such routes, the airports at which carriers may operate international flights, or the number of carriers allowed access to particular airports. Any further limitations, additions or modifications to such arrangements, regulations or policies could have a material adverse effect on the Company's financial position and results of operations. Additionally, a change in law, regulation or policy for any of the Company's international routes, such as Open Skies, could have a material adverse impact on the Company's financial position and results of operations and could result in the impairment of material amounts of related tangible and intangible assets. In addition, competition from revenue-sharing joint ventures and other alliance arrangements by and among other airlines could impair the value of the Company's business and assets on the Open Skies routes. The Company's plans to enter into or expand U.S. antitrust immunized alliances and joint ventures on various international routes are subject to receipt of approvals from applicable U.S. federal authorities and obtaining other applicable foreign government clearances or satisfying the necessary applicable regulatory requirements. There can be no assurance that such approvals and clearances will be granted or will continue in effect upon further regulatory review or that changes in regulatory requirements or standards can be satisfied.

Many aspects of the Company's operations are also subject to increasingly stringent federal, state, local and international laws protecting the environment. Future environmental regulatory developments, such as climate change regulations in the United States and abroad could adversely affect operations and increase operating costs in the airline industry. In addition, there is the potential for additional regulatory actions in regard to the emission of GHGs by the aviation industry. The precise nature of future requirements and their applicability to the Company are difficult to predict, but the financial impact to the Company and the aviation industry would likely be adverse and could be significant.

In 2017, the U.S. Congress will continue to consider legislation to reauthorize the FAA, which encompasses all significant aviation tax and policy related issues. As with previous reauthorization legislation, the U.S. Congress may consider a range of policy changes that could impact the Company's operations and costs.

See Part I, Item 1, Business Industry Regulation, of the Company's Annual Report on Form 10-K for the year ended December 31, 2016 for additional information on government regulation impacting the Company.

***The airline industry may undergo further change with respect to alliances and joint ventures or due to consolidations, any of which could have a material adverse effect on the Company.***

The Company faces and may continue to face strong competition from other carriers due to the modification of alliances and formation of new joint ventures. Carriers may improve their competitive positions through airline alliances, slot swaps and/or joint ventures. Certain types of airline joint ventures further competition by allowing

multiple airlines to coordinate routes, pool revenues and costs, and enjoy other mutual benefits, achieving many of the benefits of consolidation. Open Skies agreements, including the agreements between the United States and the EU and between the United States and Japan, may also give rise to better integration

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opportunities among international carriers. Movement of airlines between current global airline alliances could reduce joint network coverage for members of such alliances while also creating opportunities for joint ventures and bilateral alliances that did not exist before such realignment. There is ongoing speculation that further airline and airline alliance consolidations or reorganizations could occur in the future, especially if new Open Skies agreements between Brazil and the United States are fully implemented. The Company routinely engages in analysis and discussions regarding its own strategic position, including current and potential alliances, asset acquisitions and divestitures and may have future discussions with other airlines regarding strategic activities. If other airlines participate in such activities, those airlines may significantly improve their cost structures or revenue generation capabilities, thereby potentially making them stronger competitors of the Company and potentially impairing the Company's ability to realize expected benefits from its own strategic relationships.

### ***Insufficient liquidity may have a material adverse effect on the Company's financial position and business.***

The Company has a significant amount of financial leverage from fixed obligations, including aircraft lease and debt financings, leases of airport property and other facilities, and other material cash obligations. In addition, the Company has substantial noncancelable commitments for capital expenditures, including for the acquisition of new aircraft and related spare engines.

Although the Company's cash flows from operations and its available capital, including the proceeds from financing transactions, have been sufficient to meet these obligations and commitments to date, the Company's future liquidity could be negatively affected by the risk factors discussed in this Prospectus Supplement under the heading "Risk Factors", or in the Company's Annual Report on Form 10-K for the year ended December 31, 2016, including, but not limited to, substantial volatility in the price of fuel, adverse economic conditions, disruptions in the global capital markets and catastrophic external events.

If the Company's liquidity is materially diminished due to the various risk factors noted in this Prospectus Supplement under the heading "Risk Factors", or in the Company's Annual Report on Form 10-K for the year ended December 31, 2016 or otherwise, the Company might not be able to timely pay its leases and debts or comply with certain operating and financial covenants under its financing and credit card processing agreements or with other material provisions of its contractual obligations. Certain of these covenants require the Company or United, as applicable, to maintain minimum liquidity and/or minimum collateral coverage ratios. The Company's or United's ability to comply with these covenants may be affected by events beyond its control, including the overall industry revenue environment, the level of fuel costs and the appraised value of the collateral.

If the Company does not timely pay its leases and debts or comply with such covenants, a variety of adverse consequences could result. These potential adverse consequences include an increase of required reserves under credit card processing agreements, withholding of credit card sale proceeds by its credit card service providers, loss of undrawn lines of credit, the occurrence of one or more events of default under the relevant agreements, the acceleration of the maturity of debt and/or the exercise of other remedies by its creditors and equipment lessors that could result in a material adverse effect on the Company's financial position and results of operations. The Company cannot provide assurance that it would have sufficient liquidity to repay or refinance such debt if it were accelerated. In addition, an event of default or acceleration of debt under certain of its financing agreements could result in one or more events of default under certain of the Company's other financing agreements due to cross default and cross acceleration provisions.

Furthermore, insufficient liquidity may limit the Company's ability to withstand competitive pressures and downturns in the travel business and the economy in general.



The Company's substantial level of indebtedness and non-investment grade credit rating, as well as market conditions and the availability of assets as collateral for loans or other indebtedness, may make it difficult for the Company to raise additional capital if needed to meet its liquidity needs on acceptable terms, or at all.

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See Management's Discussion and Analysis of Financial Condition and Results of Operations, included in the Company's Annual Report on Form 10-K for the year ended December 31, 2016 and in the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2017 for additional information regarding the Company's liquidity.

***Increases in insurance costs or reductions in insurance coverage may materially and adversely impact the Company's results of operations and financial condition.***

The Company could be exposed to significant liability or loss if its property or operations were to be affected by a natural catastrophe or other event, including aircraft accidents. If the Company is unable to obtain sufficient insurance (including but not limited to terrorism, aviation hull and liability, workers' compensation, and property and business interruption insurance) with acceptable terms or if the coverage obtained is insufficient relative to actual liability or losses that the Company experiences, whether due to insurance market conditions or otherwise, its results of operations and financial condition could be materially and adversely affected.

***The Company's results of operations fluctuate due to seasonality and other factors associated with the airline industry.***

Due to greater demand for air travel during the spring and summer months, revenues in the airline industry in the second and third quarters of the year are generally stronger than revenues in the first and fourth quarters of the year, which are periods of lower travel demand. The Company's results of operations generally reflect this seasonality, but have also been impacted by numerous other factors that are not necessarily seasonal including, among others, the imposition of excise and similar taxes, extreme or severe weather, ATC congestion, geological events, natural disasters, changes in the competitive environment due to industry consolidation, general economic conditions and other factors. As a result, the Company's quarterly operating results are not necessarily indicative of operating results for an entire year and historical operating results in a quarterly or annual period are not necessarily indicative of future operating results.

***The Company may never realize the full value of its intangible assets or its long-lived assets causing it to record impairments that may negatively affect its financial position and results of operations.***

In accordance with applicable accounting standards, the Company is required to test its indefinite-lived intangible assets for impairment on an annual basis, or more frequently if conditions indicate that an impairment may have occurred. In addition, the Company is required to test certain of its other assets for impairment if conditions indicate that an impairment may have occurred.

The Company may be required to recognize impairments in the future due to, among other factors, extreme fuel price volatility, tight credit markets, a decline in the fair value of certain tangible or intangible assets, unfavorable trends in historical or forecasted results of operations and cash flows and an uncertain economic environment, as well as other uncertainties. The Company can provide no assurance that a material impairment charge of tangible or intangible assets will not occur in a future period. The value of the Company's aircraft could be impacted in future periods by changes in supply and demand for these aircraft. Such changes in supply and demand for certain aircraft types could result from grounding of aircraft by the Company or other carriers. An impairment charge could have a material adverse effect on the Company's financial position and results of operations.

***The Company's ability to use its net operating loss carryforwards to offset future taxable income for U.S. federal income tax purposes may be significantly limited due to various circumstances, including certain possible future transactions involving the sale or issuance of UAL common stock, or if taxable income does not reach sufficient***

*levels.*

As of December 31, 2016, the Company reported consolidated federal net operating loss ( NOL ) carryforwards of approximately \$4.4 billion.

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The Company's ability to use its NOL carryforwards may be limited if it experiences an ownership change as defined in Section 382 (Section 382) of the Internal Revenue Code of 1986, as amended (the Code). An ownership change generally occurs if certain stockholders increase their aggregate percentage ownership of a corporation's stock by more than 50 percentage points over their lowest percentage ownership at any time during the testing period, which is generally the three-year period preceding any potential ownership change.

There is no assurance that the Company will not experience a future ownership change under Section 382 that may significantly limit or possibly eliminate its ability to use its NOL carryforwards. Potential future transactions involving the sale or issuance of UAL common stock, including the exercise of conversion options under the terms of any convertible debt that UAL may issue in the future, the repurchase of such debt with UAL common stock, any issuance of UAL common stock for cash and the acquisition or disposition of such stock by a stockholder owning 5% or more of UAL common stock, or a combination of such transactions, may increase the possibility that the Company will experience a future ownership change under Section 382.

Under Section 382, a future ownership change would subject the Company to additional annual limitations that apply to the amount of pre-ownership change NOLs that may be used to offset post-ownership change taxable income. This limitation is generally determined by multiplying the value of a corporation's stock immediately before the ownership change by the applicable long-term tax-exempt rate. Any unused annual limitation may, subject to certain limits, be carried over to later years, and the limitation may under certain circumstances be increased by built-in gains in the assets held by such corporation at the time of the ownership change. This limitation could cause the Company's U.S. federal income taxes to be greater, or to be paid earlier, than they otherwise would be, and could cause all or a portion of the Company's NOL carryforwards to expire unused. Similar rules and limitations may apply for state income tax purposes. The Company's ability to use its NOL carryforwards will also depend on the amount of taxable income it generates in future periods. Its NOL carryforwards may expire before the Company can generate sufficient taxable income to use them in full.

***Our significant investments in airlines in other parts of the world and the commercial relationships that we have with those carriers may not produce the returns or results we expect.***

An important part of our strategy to expand our global network includes making significant investments in airlines in other parts of the world and expanding our commercial relationships with these carriers. In 2015, we made a \$100 million investment in Azul Linhas Aéreas Brasileiras S.A. (Azul) and enhanced our commercial arrangements with Azul. We expect to continue exploring similar non-controlling investments in, and entering into joint ventures, commercial agreements, loan transactions and strategic alliances with, other carriers as part of our global business strategy. These transactions and relationships (including our strategic partnership with, and investment in, Azul) involve significant challenges and risks, including that we may not realize a satisfactory return on our investment, that we may not receive repayment of invested funds, that they may distract management from our operations or that they may not generate the expected revenue synergies. These events could have a material adverse effect on our operating results or financial condition.

In addition, we are dependent on these other carriers for significant aspects of our network in the regions in which they operate. While we work closely with these carriers, we do not have control over their operations or business methods. We may be subject to consequences from any improper behavior of joint venture partners, including for failure to comply with anti-corruption laws such as the United States Foreign Corrupt Practices Act. Furthermore, our relationships with these carriers may be subject to the laws and regulations of non-U.S. jurisdictions in which these carriers are located or conduct business. Any political or regulatory change in these jurisdictions that negatively impact or prohibit our arrangements with these carriers could have an adverse effect on our results of operations or financial condition. To the extent that the operations of any of these carriers are disrupted over an extended period of

time or their actions subject us to the consequences of failure to comply with laws and regulations, our results of operations may be adversely affected.

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**Risk Factors Relating to the Class B Certificates and the Offering**

***The Series B Equipment Notes will not be obligations of UAL.***

The Series B Equipment Notes to be held for the Class B Trust will be the obligations of United. Neither UAL nor any of its subsidiaries (other than United) is required to become an obligor with respect to, or a guarantor of, the Series B Equipment Notes. You should not expect UAL or any of its subsidiaries (other than United) to participate in making payments in respect of the Series B Equipment Notes.

***The Appraisals are only estimates of Aircraft value.***

Three independent appraisal and consulting firms have prepared appraisals of the Aircraft. Letters summarizing such appraisals are annexed to this Prospectus Supplement as Appendix II. Such appraisals are based on varying assumptions and methodologies, which differ among the appraisers, and were prepared without physical inspection of the Aircraft. In addition, the appraisals include certain assumptions regarding the equipment specifications and performance characteristics of the Aircraft. However, the Indentures relating to the Aircraft permit United to make alterations and modifications to the Aircraft and to remove parts from the Aircraft, which may impact such assumptions. See Description of the Equipment Notes Certain Provisions of the Indentures Replacement of Parts; Alterations . Appraisals that are based on other assumptions and methodologies may result in valuations that are materially different from those contained in such appraisals. See Description of the Aircraft and the Appraisals The Appraisals .

There are particular uncertainties with respect to the appraised value of the Boeing 787-9 aircraft because the 787-9 is a derivative of the Boeing 787-8, which is a newly-developed model. The first delivery of a Boeing 787-9 aircraft to a commercial airline was in July 2014. As a result, secondary market values for the aircraft have not been established. Also, the appraisal and consulting firms that have prepared the appraisals of the Aircraft have less experience appraising Boeing 787-9 aircraft as compared to other aircraft models that have been in operation in greater numbers for a longer period of time.

An appraisal is only an estimate of value. It does not indicate the price at which an Aircraft may be purchased from the Aircraft manufacturer. Nor should an appraisal be relied upon as a measure of realizable value. The proceeds realized upon a sale of any Aircraft may be less than its appraised value. The value of an Aircraft if remedies are exercised under the applicable Indenture will depend on market and economic conditions, the supply of similar aircraft, the availability of buyers, the condition of the Aircraft and other factors. Accordingly, there can be no assurance that the proceeds realized upon any such exercise of remedies would be sufficient to satisfy in full payments due on the Certificates.

***Class B Certificateholders may not participate in controlling the exercise of remedies in a default scenario.***

If an Indenture Default is continuing, subject to certain conditions, the Loan Trustee under such Indenture will be directed by the Controlling Party in exercising remedies under such Indenture, including accelerating the applicable Equipment Notes or foreclosing the lien on the Aircraft securing such Equipment Notes. See Description of the Certificates Indenture Defaults and Certain Rights Upon an Indenture Default .

The Controlling Party will be:

The Class AA Trustee.

Upon payment of final distributions to the holders of Class AA Certificates, the Class A Trustee.

Upon payment of final distributions to the holders of the Class A Certificates, the Class B Trustee.

Under certain circumstances, and notwithstanding the foregoing, the Liquidity Provider with the largest amount owed to it.

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As a result of the foregoing, if the Trustee for a Class of Certificates is not the Controlling Party with respect to an Indenture, the Certificateholders of that Class will have no rights to participate in directing the exercise of remedies under such Indenture.

***The exercise of remedies over Equipment Notes may result in shortfalls without further recourse.***

During the continuation of any Indenture Default under an Indenture, the Equipment Notes issued under such Indenture may be sold in the exercise of remedies with respect to that Indenture, subject to certain limitations. See Description of the Intercreditor Agreement Intercreditor Rights Limitation on Exercise of Remedies . The market for Equipment Notes during any Indenture Default may be very limited, and there can be no assurance as to the price at which they could be sold. If any Equipment Notes are sold for less than their outstanding principal amount, certain Certificateholders will receive a smaller amount of principal distributions under the relevant Indenture than anticipated and will not have any claim for the shortfall against United, any Liquidity Provider or any Trustee.

***Cash collateral will not be entitled to the benefits of Section 1110, and cross-defaults may not be required to be cured under Section 1110.***

Any cash collateral held as a result of the cross-collateralization of the Equipment Notes would not be entitled to the benefits of Section 1110 of the U.S. Bankruptcy Code. In addition, any default arising under an Indenture solely by reason of the cross default in such Indenture may not be of a type required to be cured under Section 1110 of the U.S. Bankruptcy Code.

***There may be a limited market for resale of Class B Certificates.***

Prior to this Offering, there has been no public market for the Class B Certificates. Neither United nor the Class B Trust intends to apply for listing of the Class B Certificates on any securities exchange or otherwise. The Underwriters may assist in resales of the Class B Certificates, but they are not required to do so. A secondary market for the Class B Certificates may not develop. If a secondary market does develop, it might not continue or it might not be sufficiently liquid to allow you to resell any of your Class B Certificates.



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**USE OF PROCEEDS**

The proceeds from the sale of the Class B Certificates being offered hereby will be used to purchase Series B Equipment Notes issued by United on the Issuance Date. The proceeds from the sale of the Series B Equipment Notes will be used for United's general corporate purposes.

**THE COMPANY**

United is a certificated United States air carrier. United transports people and cargo through its mainline and regional operations. With key global aviation rights in North America, Asia-Pacific, Europe, Middle East and Latin America, UAL has the world's most comprehensive global route network. UAL, through United and its regional carriers, operates more than 4,500 flights a day to 339 airports across five continents.

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**DESCRIPTION OF THE CERTIFICATES**

The following summary describes the material terms of the Class B Certificates. The summary does not purport to be complete and is qualified in its entirety by reference to all of the provisions of the Basic Agreement, which was included as an exhibit to the Company's Current Report on Form 8-K filed on October 9, 2012 with the Commission, and to all of the provisions of the Certificates, the Trust Supplements and the Intercreditor Agreement, each of which was filed as an exhibit to a Current Report on Form 8-K filed by United with the Commission on September 29, 2016, or, if executed in connection with this Offering, will be so filed as an exhibit to a Current Report on Form 8-K.

We are offering only the Class B Certificates pursuant to this Prospectus Supplement. The Class AA Certificates and Class A Certificates were issued in a public offering on September 27, 2016, and are not being offered under this Prospectus Supplement.

Except as otherwise indicated, the following summary relates to each of the Trusts and the Certificates issued by each Trust. The references to Sections in parentheses in the following summary are to the relevant Sections of the Basic Agreement unless otherwise indicated.

**General**

Under the terms of the previously issued United pass through certificates designated as Series 2016-2, we are entitled to sell Series B Equipment Notes secured by the Aircraft. Accordingly, we have arranged the sale of the Class B Certificates so that we may sell such Series B Equipment Notes.

Each Class B Certificate will represent a fractional undivided interest in the United Airlines 2016-2 Class B Pass Through Trust (the Class B Trust). Each Class AA Certificate represents a fractional undivided interest in the United Airlines 2016-2 Class AA Pass Through Trust (the Class AA Trust). Each Class A Certificate represents a fractional undivided interest in the United Airlines 2016-2 Class A Pass Through Trust (the Class A Trust and, collectively with the Class AA Trust and Class B Trust, the Trusts). (Section 2.01)

The Class B Trust will be formed pursuant to a pass through trust agreement between United and Wilmington Trust, National Association, as trustee (the Trustee), dated as of October 3, 2012 (the Basic Agreement), and a separate supplement thereto (the Class B Trust Supplement and, together with the Basic Agreement, the Class B Pass Through Trust Agreement), between United and the Trustee, as trustee under the Class B Trust (the Class B Trustee). The Class AA Trust and the Class A Trust were formed pursuant to the Basic Agreement and two separate supplements thereto relating to such Trusts (each, together with the Class B Trust Supplement, a Trust Supplement and, each Trust Supplement together with the Basic Agreement, collectively, the Pass Through Trust Agreements) between United and the Trustee, as trustee under the Class AA Trust (the Class AA Trustee) and trustee under the Class A Trust (the Class A Trustee and, together with the Class B Trustee and the Class AA Trustee, the Trustees). The pass through certificates issued by the Class AA Trust, the Class A Trust and the Class B Trust are referred to herein as the Class AA Certificates, the Class A Certificates and the Class B Certificates, respectively, and collectively as the Certificates.

Each Class B Certificate will represent a fractional undivided interest in the Class B Trust created by the Basic Agreement and the Class B Trust Supplement. The Trust Property of the Class B Trust (the Trust Property) will consist of:

Subject to the Intercreditor Agreement, Series B Equipment Notes acquired under the Note Purchase Agreement and issued on a recourse basis by United with respect to each Aircraft and all monies paid on such Series B Equipment Notes and any proceeds from any sale of such Series B Equipment Notes held in the Class B Trust. Series B Equipment Notes held in the Class B Trust will be registered in the name of the Subordination Agent on behalf of the Class B Trust for purposes of giving effect to the provisions of the Intercreditor Agreement.

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The rights of the Class B Trust to acquire Series B Equipment Notes under the Note Purchase Agreement.

The rights of the Class B Trust under the Intercreditor Agreement (including all monies receivable in respect of such rights).

All monies receivable under the Liquidity Facility for the Class B Trust.

Funds from time to time deposited with the Class B Trustee in accounts relating to the Class B Trust (such as interest and principal payments on the Series B Equipment Notes held in the Class B Trust).

On the initial issuance date of the Class B Certificates (the Issuance Date), the Class B Trust will purchase pursuant to the Note Purchase Agreement the Series B Equipment Notes issued by United and secured by the Aircraft using the proceeds of the Offering. The Class AA Trust has previously purchased the Series AA Equipment Notes issued by United and secured by the Aircraft using the proceeds of the offering of the Class AA Certificates, and the Class A Trust has previously purchased the Series A Equipment Notes issued by United and secured by the Aircraft using the proceeds of the offering of the Class A Certificates.

The Class B Certificates will be issued in fully registered form only and will be subject to the provisions described below under Book-Entry; Delivery and Form. The Class B Certificates will be issued only in denominations of \$1,000 or integral multiples thereof, except that one Class B Certificate may be issued in a different denomination. (Section 3.01)

The Class B Certificates represent interests in the Class B Trust, and all payments and distributions thereon will be made only from the Trust Property of the Class B Trust. (Section 3.09) The Class B Certificates do not represent an interest in or obligation of United, any Trustee, any of the Loan Trustees, any Liquidity Provider or any affiliate of any of the foregoing.

### **Investment Company Act Exemption**

The Class B Trust is relying on an analysis that the Class B Trust will not be deemed to be an investment company under Rule 3a-7 promulgated by the Commission under the Investment Company Act, although other exemptions or exclusions under the Investment Company Act may be available to the Class B Trust.

### **Payments and Distributions**

Payments of principal, premium (if any) and interest on the Series B Equipment Notes or with respect to other Trust Property held in the Class B Trust will be distributed by the Class B Trustee to holders of the Class B Certificates (the Class B Certificateholders) and, together with the holders of the Class AA Certificates and Class A Certificates, the Certificateholders) on the date receipt of such payment is confirmed, except in the case of certain types of Special Payments.

### **Interest**

The Series B Equipment Notes held in the Class B Trust will accrue interest at the applicable rate per annum for Class B Certificates, which is set forth on the cover page of this Prospectus Supplement, payable on April 7 and October 7 of each year, commencing on April 7, 2018. Such interest payments will be distributed to Class B

Certificateholders on each such date until the final Distribution Date for the Class B Trust, subject to the Intercreditor Agreement. The Class AA Certificates bear interest at a rate per annum of 2.875%, and the Class A Certificates bear interest at a rate per annum of 3.100% (together with the rate per annum of the Class B Certificates, in each case, the Stated Interest Rate ). Interest is calculated on the basis of a 360-day year consisting of twelve 30-day months.

Payments of interest applicable to the Certificates issued by each of the Trusts will be supported by a separate Liquidity Facility to be provided by the Liquidity Provider for the benefit of the holders of such

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Certificates in an aggregate amount sufficient to pay interest thereon at the Stated Interest Rate for such Trust on up to three successive Regular Distribution Dates (without regard to any future payments of principal on such Certificates). The Liquidity Facility for any Class of Certificates does not provide for drawings or payments thereunder to pay for principal of or premium, if any, on the Certificates of such Class, any interest on the Certificates of such Class in excess of the Stated Interest Rate for such Certificates, or, notwithstanding the subordination provisions of the Intercreditor Agreement, principal of or interest or premium, if any, on the Certificates of any other Class. Therefore, only the holders of the Certificates to be issued by a particular Trust will be entitled to receive and retain the proceeds of drawings under the Liquidity Facility for such Trust. See Description of the Liquidity Facilities .

***Principal***

Payments of principal of the Series B Equipment Notes are scheduled to be received by the Class B Trustee on April 7 and October 7 of each year, beginning on April 7, 2018. Payments of principal of the Series AA and Series A Equipment Notes are scheduled to be received by the applicable Trustee on April 7 and October 7 of each year, beginning on April 7, 2018.

***Scheduled Payments***

Scheduled payments of interest or principal on the Equipment Notes are herein referred to as Scheduled Payments , and April 7 and October 7 of each year, commencing on April 7, 2018, until the final expected Regular Distribution Date are herein referred to as Regular Distribution Dates . See Description of the Equipment Notes Principal and Interest Payments . The Final Maturity Date for the Class AA Certificates is April 7, 2030, for the Class A Certificates is April 7, 2030 and for the Class B Certificates is April 7, 2027.

***Distributions***

The Trustee of each Trust will distribute, subject to the Intercreditor Agreement, on each Regular Distribution Date to the Certificateholders of such Trust all Scheduled Payments received in respect of Equipment Notes held on behalf of such Trust, the receipt of which is confirmed by such Trustee on such Regular Distribution Date. Each Certificateholder of each Trust will be entitled to receive its proportionate share, based upon its fractional interest in such Trust, subject to the Intercreditor Agreement, of principal or interest on Equipment Notes held on behalf of such Trust. Each such distribution of Scheduled Payments will be made by the applicable Trustee to the Certificateholders of record of the relevant Trust on the record date applicable to such Scheduled Payment subject to certain exceptions. (Sections 4.01 and 4.02(a)) If a Scheduled Payment is not received by the applicable Trustee on a Regular Distribution Date but is received within five days thereafter, it will be distributed on the date received to such holders of record. If it is received after such five-day period, it will be treated as a Special Payment and distributed as described below.

Any payment in respect of, or any proceeds of, any Equipment Note or Collateral under (and as defined in) any Indenture other than a Scheduled Payment (each, a Special Payment ) will be distributed on, in the case of an early redemption or a purchase of any Equipment Note, the date of such early redemption or purchase (which shall be a Business Day), and otherwise on the Business Day specified for distribution of such Special Payment pursuant to a notice delivered by each Trustee as soon as practicable after such Trustee has received funds for such Special Payment (each, a Special Distribution Date ). Any such distribution will be subject to the Intercreditor Agreement.

Triggering Event means (x) the occurrence of an Indenture Default under all Indentures resulting in a PTC Event of Default with respect to the most senior Class of Certificates then outstanding, (y) the acceleration of all of the outstanding Equipment Notes or (z) certain bankruptcy or insolvency events involving United.

Each Trustee, in the case of Trust Property, will mail a notice to the Certificateholders of the applicable Trust stating the scheduled Special Distribution Date, the related record date, the amount of the Special Payment

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and the reason for the Special Payment. In the case of a redemption or purchase of the Equipment Notes held in the related Trust or the occurrence of a Triggering Event, such notice will be mailed not less than 15 days prior to the date such Special Payment is scheduled to be distributed, and in the case of any other Special Payment, such notice will be mailed as soon as practicable after the applicable Trustee has confirmed that it has received funds for such Special Payment. (Trust Supplements, Section 3.03;) Each distribution of a Special Payment, other than a final distribution, on a Special Distribution Date for any Trust will be made by the applicable Trustee to the Certificateholders of record of such Trust on the record date applicable to such Special Payment. (Trust Supplements, 3.03) See Indenture Defaults and Certain Rights Upon an Indenture Default and Description of the Equipment Notes Redemption .

Each Pass Through Trust Agreement requires that the related Trustee establish and maintain, for the related Trust and for the benefit of the Certificateholders of such Trust, one or more non-interest bearing accounts (the Certificate Account ) for the deposit of payments representing Scheduled Payments received by such Trustee. Each Pass Through Trust Agreement requires that the related Trustee establish and maintain, for the related Trust and for the benefit of the Certificateholders of such Trust, one or more accounts (the Special Payments Account ) for the deposit of payments representing Special Payments received by such Trustee, which shall be non-interest bearing except in certain circumstances where such Trustee may invest amounts in such account in certain permitted investments. Pursuant to the terms of each Pass Through Trust Agreement, the related Trustee is required to deposit any Scheduled Payments relating to the applicable Trust received by it in the Certificate Account of such Trust and to deposit any Special Payments so received by it in the Special Payments Account of such Trust. (Section 4.01; Trust Supplements, Section 3.02) All amounts so deposited will be distributed by the related Trustee on a Regular Distribution Date or a Special Distribution Date, as appropriate. (Section 4.02(a); Trust Supplements, Section 3.03)

The final distribution for each Trust will be made only upon presentation and surrender of the Certificates for such Trust at the office or agency of the Trustee specified in the notice given by the Trustee of such final distribution. The Trustee will mail such notice of the final distribution to the Certificateholders of such Trust, specifying the date set for such final distribution and the amount of such distribution. (Trust Supplements, Section 7.01(a)) See Termination of the Trusts below. Distributions in respect of Certificates issued in global form will be made as described in Book-Entry; Delivery and Form below.

If any Distribution Date is a Saturday, Sunday or other day on which commercial banks are authorized or required to close in New York, New York, Chicago, Illinois or Wilmington, Delaware (any other day being a Business Day ), distributions scheduled to be made on such Regular Distribution Date or Special Distribution Date will be made on the next succeeding Business Day without additional interest.

**Pool Factors**

The Pool Balance for each Trust or for the Certificates issued by any Trust indicates, as of any date, the original aggregate face amount of the Certificates of such Trust less the aggregate amount of all payments as of such date made in respect of the Certificates of such Trust other than payments made in respect of interest or premium or reimbursement of any costs or expenses incurred in connection therewith. The Pool Balance for each Trust or for the Certificates issued by any Trust as of any Distribution Date shall be computed after giving effect to any payment of principal of the Equipment Notes or payment with respect to other Trust Property held in such Trust and the distribution thereof to be made on that date. (Trust Supplements, Section 2.01)

The Pool Factor for each Trust as of any Distribution Date is the quotient (rounded to the seventh decimal place) computed by dividing (i) the Pool Balance by (ii) the original aggregate face amount of the Certificates of such Trust. The Pool Factor for each Trust or for the Certificates issued by any Trust as of any Distribution Date shall be computed after giving effect to any special distribution with respect to any payment of principal of the Equipment



Notes or payments with respect to other Trust Property held in such Trust and the distribution thereof to be made on that date. (Trust Supplements, Section 2.01) The Pool Factor for the Class AA Trust and the

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Class A Trust was, and for the Class B Trust will be, 1.0000000 on the date of original issuance of the Certificates of such Trust; thereafter, the Pool Factor for each Trust will decline as described herein to reflect reductions in the Pool Balance of such Trust. The amount of a Certificateholder's pro rata share of the Pool Balance of a Trust can be determined by multiplying the face amount of the holder's Certificate of such Trust by the Pool Factor for such Trust as of the applicable Distribution Date. Notice of the Pool Factor and the Pool Balance for each Trust will be mailed to Certificateholders of such Trust on each Distribution Date. (Trust Supplements, Section 3.01)

The following table sets forth the expected aggregate principal amortization schedule for the Equipment Notes held in each Trust (the Assumed Amortization Schedule) and resulting Pool Factors with respect to such Trust. The scheduled distribution of principal payments for any Trust would be affected, if any Equipment Notes held in such Trust are redeemed or purchased or if a default in payment on such Equipment Notes occurs. Accordingly, the aggregate principal amortization schedule applicable to a Trust and the resulting Pool Factors may differ from those set forth in the following table.

Date	Class AA		Class A		Class B	
	Scheduled Principal Payments	Expected Pool Factor	Scheduled Principal Payments	Expected Pool Factor	Scheduled Principal Payments	Expected Pool Factor
At Issuance						
Date	\$ 0.00	1.0000000	\$ 0.00	1.0000000	\$ 0.00	1.0000000
April 7, 2018	16,823,634.12	0.9735690	7,482,107.26	0.9735690	10,113,889.99	0.9571759
October 7, 2018	16,823,634.12	0.9471380	7,482,107.26	0.9471380	10,113,890.02	0.9143519
April 7, 2019	16,823,634.12	0.9207071	7,482,107.26	0.9207071	10,113,889.97	0.8715278
October 7, 2019	16,823,634.12	0.8942761	7,482,107.26	0.8942761	10,113,890.00	0.8287037
April 7, 2020	16,823,634.12	0.8678451	7,482,107.26	0.8678451	10,113,890.02	0.7858796
October 7, 2020	16,823,634.12	0.8414141	7,482,107.26	0.8414141	10,113,889.99	0.7430556
April 7, 2021	16,823,634.12	0.8149832	7,482,107.26	0.8149832	10,113,889.99	0.7002315
October 7, 2021	16,823,634.12	0.7885522	7,482,107.26	0.7885522	10,113,890.01	0.6574074
April 7, 2022	16,823,634.12	0.7621212	7,482,107.26	0.7621212	10,113,889.99	0.6145833
October 7, 2022	16,823,634.12	0.7356902	7,482,107.26	0.7356902	10,113,890.00	0.5717593
April 7, 2023	16,823,634.12	0.7092593	7,482,107.26	0.7092593	10,113,890.00	0.5289352
October 7, 2023	13,627,143.67	0.6878502	6,060,506.89	0.6878502	10,113,890.00	0.4861111
April 7, 2024	13,627,143.67	0.6664411	6,060,506.89	0.6664411	10,113,889.97	0.4432870
October 7, 2024	13,627,143.67	0.6450320	6,060,506.89	0.6450320	10,113,890.04	0.4004630
April 7, 2025	13,627,143.67	0.6236229	6,060,506.89	0.6236229	10,113,889.98	0.3576389
October 7, 2025	13,627,143.67	0.6022138	6,060,506.89	0.6022138	84,464,650.03	0.0000000
April 7, 2026	13,627,143.67	0.5808047	6,060,506.89	0.5808047	0.00	0.0000000
	13,627,143.67	0.5593956	6,060,506.89	0.5593956	0.00	0.0000000

October 7, 2026						
April 7, 2027	13,627,143.67	0.5379865	6,060,506.89	0.5379865	0.00	0.0000000
October 7, 2027	13,627,143.67	0.5165774	6,060,506.89	0.5165774	0.00	0.0000000
April 7, 2028	13,627,143.67	0.4951683	6,060,506.89	0.4951683	0.00	0.0000000
October 7, 2028	315,180,587.98	0.0000000	140,172,751.24	0.0000000	0.00	0.0000000

The Pool Factor and Pool Balance of each Trust will be recomputed if there has been an early redemption, purchase, or default in the payment of principal or interest in respect of one or more of the Equipment Notes held in a Trust, as described in Indenture Defaults and Certain Rights Upon an Indenture Default and Description of the Equipment Notes Redemption . In the event of any such redemption, purchase, default or special distribution, the Pool Factors and the Pool Balances of each Trust so affected will be recomputed after giving effect thereto and notice thereof will be mailed by the Trustee to the Certificateholders of such Trust promptly after the occurrence of any such event.

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**Reports to Certificateholders**

On each Distribution Date, the applicable Trustee will include with each distribution by it of a Scheduled Payment or Special Payment to Certificateholders of the related Trust a statement setting forth the following information (per \$1,000 face amount of Certificate for such Trust, except as to the amounts described in items (a) and (d) below):

- (a) The aggregate amount of funds distributed on such Distribution Date under the Pass Through Trust Agreement, indicating the amount allocable to each source, including any portion thereof paid by the Liquidity Provider.
- (b) The amount of such distribution under the Pass Through Trust Agreement allocable to principal and the amount allocable to premium, if any.
- (c) The amount of such distribution under the Pass Through Trust Agreement allocable to interest.
- (d) The Pool Balance and the Pool Factor for such Trust. (Trust Supplements, Section 3.01(a))

So long as a Class of Certificates is registered in the name of DTC or its nominee, on the record date prior to each Distribution Date, the applicable Trustee will request that DTC post on its Internet bulletin board a securities position listing setting forth the names of all DTC Participants reflected on DTC's books as holding interests in such Certificates on such record date. On each Distribution Date, the applicable Trustee will mail to each such DTC Participant the statement described above and will make available additional copies as requested by such DTC Participant for forwarding to Certificate Owners. (Trust Supplements, Section 3.01(a))

In addition, after the end of each calendar year, the applicable Trustee will furnish to each Certificateholder of each Trust at any time during the preceding calendar year a statement containing the sum of the amounts determined pursuant to clauses (a), (b) and (c) above with respect to such Trust for such calendar year or, in the event such person was a Certificateholder of such Trust during only a portion of such calendar year, for the applicable portion of such calendar year, and such other items as are readily available to such Trustee and which a Certificateholder of such Trust shall reasonably request as necessary for the purpose of such Certificateholder's preparation of its U.S. federal income tax returns. (Trust Supplements, Section 3.01(b)) Such statement and such other items shall be prepared on the basis of information supplied to the applicable Trustee by the DTC Participants and shall be delivered by such Trustee to such DTC Participants to be available for forwarding by such DTC Participants to Certificate Owners in the manner described above. (Trust Supplements, Section 3.01(b)) At such time, if any, as the Certificates are issued in the form of definitive certificates, the applicable Trustee will prepare and deliver the information described above to each Certificateholder of record of each Trust as the name and period of ownership of such Certificateholder appears on the records of the registrar of the Certificates.

Each Trustee is required to provide promptly to Certificateholders of the related Trust all material non-confidential information received by such Trustee from United. (Trust Supplements, Section 3.01(e))

**Indenture Defaults and Certain Rights Upon an Indenture Default**

Upon the occurrence and continuation of an Indenture Default under an Indenture, the Controlling Party will direct the Subordination Agent, as the holder of Equipment Notes issued under such Indenture, which in turn will direct the Loan Trustee under such Indenture in the exercise of remedies thereunder and may accelerate and sell all (but not less than all) of the Equipment Notes issued under such Indenture or sell the collateral under such Indenture to any person, subject to certain limitations. See Description of the Intercreditor Agreement Intercreditor Rights Limitation on Exercise of Remedies . The proceeds of any such sale will be distributed pursuant to the provisions of the Intercreditor

Agreement. Any such proceeds so distributed to any Trustee upon any such sale shall be deposited in the applicable Special Payments Account and shall be distributed to the

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Certificateholders of the applicable Trust on a Special Distribution Date. (Section 4.01; Trust Supplements, Sections 3.02 and 3.03) The market for Equipment Notes at the time of the existence of an Indenture Default may be very limited and there can be no assurance as to the price at which they could be sold. If any such Equipment Notes are sold for less than their outstanding principal amount, certain Certificateholders will receive a smaller amount of principal distributions under the relevant Indenture than anticipated and will not have any claim for the shortfall against United, any Liquidity Provider or any Trustee.

Any amount, other than Scheduled Payments received on a Regular Distribution Date or within five days thereafter, distributed to the Trustee of any Trust by the Subordination Agent on account of any Equipment Note or Collateral under (and as defined in) any Indenture held in such Trust following an Indenture Default will be deposited in the Special Payments Account for such Trust and will be distributed to the Certificateholders of such Trust on a Special Distribution Date. (Section 4.01 Trust Supplements, Section 3.02) Any funds representing payments received with respect to any defaulted Equipment Notes, or the proceeds from the sale of any Equipment Notes, held by the applicable Trustee in the Special Payments Account for such Trust will, to the extent practicable, be invested by such Trustee in certain permitted investments pending the distribution of such funds on a Special Distribution Date. (Section 4.04)

Each Pass Through Trust Agreement provides that the Trustee of the related Trust will, within 90 days after the occurrence of any default known to such Trustee, give to the Certificateholders of such Trust notice, transmitted by mail, of such uncured or unwaived default with respect to such Trust known to it, provided that, except in the case of default in a payment of principal, premium, if any, or interest on any of the Equipment Notes held in such Trust, the applicable Trustee will be protected in withholding such notice if it in good faith determines that the withholding of such notice is in the interests of such Certificateholders. The term "default" as used in this paragraph only with respect to any Trust means the occurrence of an Indenture Default under any Indenture pursuant to which Equipment Notes held by such Trust were issued, as described above, except that in determining whether any such Indenture Default has occurred, any grace period or notice in connection therewith will be disregarded. (Section 7.02)

Each Pass Through Trust Agreement contains a provision entitling the Trustee of the related Trust, subject to the duty of such Trustee during a default to act with the required standard of care, to be offered reasonable security or indemnity by the holders of the Certificates of such Trust before proceeding to exercise any right or power under such Pass Through Trust Agreement or the Intercreditor Agreement at the request of such Certificateholders. (Section 7.03(e))

Subject to certain qualifications set forth in each Pass Through Trust Agreement and to the Intercreditor Agreement, the Certificateholders of each Trust holding Certificates evidencing fractional undivided interests aggregating not less than a majority in interest in such Trust shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee with respect to such Trust or pursuant to the terms of the Intercreditor Agreement, or exercising any trust or power conferred on such Trustee under such Pass Through Trust Agreement or the Intercreditor Agreement, including any right of such Trustee as Controlling Party under the Intercreditor Agreement or as holder of the Equipment Notes. (Section 6.04)

In certain cases, the holders of the Certificates of a Trust evidencing fractional undivided interests aggregating not less than a majority in interest of such Trust may on behalf of the holders of all the Certificates of such Trust waive any past event of default under such Trust (i.e., any Indenture Default under any Indenture pursuant to which Equipment Notes held by such Trust were issued) and its consequences or, if the Trustee of such Trust is the Controlling Party, may direct such Trustee to instruct the applicable Loan Trustee to waive any past Indenture Default and its consequences, except (i) a default in the deposit of any Scheduled Payment or Special Payment or in the distribution thereof, (ii) a default in payment of the principal, premium, if any, or interest with respect to any of the Equipment

Notes and (iii) a default in respect of any covenant or provision of the Pass Through Trust Agreement that cannot be modified or amended without the consent of each Certificateholder of such Trust affected thereby. (Section 6.05) Each Indenture will provide that, with certain

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exceptions, the holders of the majority in aggregate unpaid principal amount of the Equipment Notes issued thereunder may on behalf of all such holders waive any past default or Indenture Default thereunder. (Indentures, Section 5.06) Notwithstanding such provisions of the Indentures, pursuant to the Intercreditor Agreement after the occurrence and during the continuance of an Indenture Default only the Controlling Party will be entitled to waive any such past default or Indenture Default. See Description of the Intercreditor Agreement Intercreditor Rights Controlling Party .

### **Purchase Rights of Certificateholders**

Upon the occurrence and during the continuation of a Certificate Buyout Event, with 15 days written notice to the Trustee and each Certificateholder of the same Class:

The Class A Certificateholders will have the right to purchase all but not less than all of the Class AA Certificates on the third Business Day next following the expiry of such 15-day notice period.

The Class B Certificateholders will have the right to purchase all but not less than all of the Class AA Certificates and Class A Certificates on the third Business Day next following the expiry of such 15-day notice period.

If any Class of Additional Junior Certificates has been issued, the holders of such Additional Junior Certificates will have the right to purchase all but not less than all of the Class AA, Class A Certificates, Class B Certificates and any other Class of Additional Junior Certificates ranking senior in right of payment to such Class of Additional Junior Certificates and, if Refinancing Certificates have been issued, holders of such Refinancing Certificates will have the same right to purchase Certificates as the holders of the Class that they refinanced had. See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates .

In each case, the purchase price will be equal to the Pool Balance of the relevant Class or Classes of Certificates to be purchased plus accrued and unpaid interest thereon to the date of purchase, without premium, but including any other amounts then due and payable to the Certificateholders of such Class or Classes. Such purchase right may be exercised by any Certificateholder of the Class or Classes entitled to such right. In each case, if prior to the end of the 15-day notice period, any other Certificateholder of the same Class notifies the purchasing Certificateholder that the other Certificateholder wants to participate in such purchase, then such other Certificateholder may join with the purchasing Certificateholder to purchase the Certificates pro rata based on the fractional undivided interest in the Trust held by each Certificateholder. If United or any of its affiliates is a Certificateholder or holder of Additional Junior Certificates or Refinancing Certificates, it will not have the purchase rights described above. (Trust Supplements, Section 4.01)

A Certificate Buyout Event means that a United Bankruptcy Event has occurred and is continuing and the following events have occurred: (A) (i) the 60-day period specified in Section 1110(a)(2)(A) of the U.S. Bankruptcy Code (the 60-Day Period ) has expired and (ii) United has not entered into one or more agreements under Section 1110(a)(2)(A) of the U.S. Bankruptcy Code to perform all of its obligations under all of the Indentures or, if it has entered into such agreements, has at any time thereafter failed to cure any default under any of the Indentures in accordance with Section 1110(a)(2)(B) of the Bankruptcy Code; or (B) if prior to the expiry of the 60-Day Period, United shall have abandoned any Aircraft.



**PTC Event of Default**

A Pass Through Certificate Event of Default (a PTC Event of Default ) under each Pass Through Trust Agreement means the failure to pay:

The outstanding Pool Balance of the applicable Class of Certificates within ten Business Days of the Final Maturity Date for such Class.

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Interest due on such Class of Certificates within ten Business Days of any Distribution Date (unless the Subordination Agent shall have made Interest Drawings, or withdrawals from the Cash Collateral Account for such Class of Certificates, with respect thereto in an aggregate amount sufficient to pay such interest and shall have distributed such amount to the Trustee entitled thereto). (Section 1.01)

Any failure to make expected principal distributions with respect to any Class of Certificates on any Regular Distribution Date (other than the Final Maturity Date) will not constitute a PTC Event of Default with respect to such Certificates. A PTC Event of Default with respect to the most senior outstanding Class of Certificates resulting from an Indenture Default under all Indentures will constitute a Triggering Event.

## **Merger, Consolidation and Transfer of Assets**

United will be prohibited from consolidating with or merging into any other person or transferring all or substantially all of its assets as an entirety to any other person unless:

The surviving successor or transferee person shall be organized and validly existing under the laws of the United States or any state thereof or the District of Columbia.

The surviving successor or transferee person shall be a citizen of the United States (as defined in Title 49 of the United States Code relating to aviation (the Transportation Code )) holding an air carrier operating certificate issued pursuant to Chapter 447 of Title 49, United States Code, if, and so long as, such status is a condition of entitlement to the benefits of Section 1110 of the U.S. Bankruptcy Code.

The surviving successor or transferee person shall expressly assume all of the obligations of United contained in the Basic Agreement and any Trust Supplement, the Equipment Notes, the Note Purchase Agreement, the Indentures, the Participation Agreements and any other operative documents.

United shall have delivered a certificate and an opinion or opinions of counsel indicating that such transaction, in effect, complies with such conditions.

In addition, after giving effect to such transaction, no Indenture Default shall have occurred and be continuing. (Section 5.02; Indentures, Section 4.07)

The Basic Agreement, the Trust Supplements, the Note Purchase Agreement, the Indentures and the Participation Agreements will not contain any covenants or provisions that may afford any Trustee or Certificateholder protection in the event of a highly leveraged transaction, including transactions effected by management or affiliates, which may or may not result in a change in control of United.

## **Modifications of the Pass Through Trust Agreements and Certain Other Agreements**

Each Pass Through Trust Agreement contains provisions permitting, at the request of United, the execution of amendments or supplements to such Pass Through Trust Agreement or, if applicable, to the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities, without the consent of the holders of any of the Certificates of the related Trust:

To evidence the succession of another corporation to United and the assumption by such corporation of United's obligations under such Pass Through Trust Agreement or the Note Purchase Agreement.

To add to the covenants of United for the benefit of holders of such Certificates or to surrender any right or power conferred upon United in such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities.

To correct or supplement any provision of such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities which may be defective or inconsistent with any other provision in such Pass Through Trust Agreement, the Intercreditor

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Agreement, the Note Purchase Agreement or the Liquidity Facilities, as applicable, or to cure any ambiguity or to modify any other provision with respect to matters or questions arising under such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities, provided that such action shall not materially adversely affect the interests of the holders of such Certificates; to correct any mistake in such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities; or, as provided in the Intercreditor Agreement, to give effect to or provide for a Replacement Facility.

To comply with any requirement of the Commission, any applicable law, rules or regulations of any exchange or quotation system on which the Certificates are listed, or any regulatory body.

To modify, eliminate or add to the provisions of such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities to such extent as shall be necessary to continue the qualification of such Pass Through Trust Agreement (including any supplemental agreement) under the Trust Indenture Act of 1939, as amended (the Trust Indenture Act ), or any similar federal statute enacted after the execution of such Pass Through Trust Agreement, and to add to such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities such other provisions as may be expressly permitted by the Trust Indenture Act.

To evidence and provide for the acceptance of appointment under such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities by a successor Trustee and to add to or change any of the provisions of such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities as shall be necessary to provide for or facilitate the administration of the Trusts under the Basic Agreement by more than one trustee.

To provide for the issuance of Additional Junior Certificates or Refinancing Certificates after the Issuance Date, subject to certain terms and conditions. See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates .

In each case, such modification or supplement may not adversely affect the status of the Trust as a grantor trust under Subpart E, Part I of Subchapter J of Chapter 1 of Subtitle A of the Code, for U.S. federal income tax purposes. (Section 9.01; Trust Supplements, Section 6.02)

Each Pass Through Trust Agreement also contains provisions permitting the execution, with the consent of the holders of the Certificates of the related Trust evidencing fractional undivided interests aggregating not less than a majority in interest of such Trust, of amendments or supplements adding any provisions to or changing or eliminating any of the provisions of such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities to the extent applicable to such Certificateholders or of modifying the rights and obligations of such Certificateholders under such Pass Through Trust Agreement, the Intercreditor Agreement, the Note Purchase Agreement or the Liquidity Facilities. No such amendment or supplement may, without the consent of the holder of each outstanding Certificate so affected thereby:

Reduce in any manner the amount of, or delay the timing of, any receipt by the Trustee of payments with respect to the Equipment Notes held in such Trust or distributions in respect of any Certificate related to such Trust, or change the date or place of any payment in respect of any Certificate, or make distributions payable in coin or currency other than that provided for in such Certificates, or impair the right of any Certificateholder of such Trust to institute suit for the enforcement of any such payment when due.

Permit the disposition of any Equipment Note held in such Trust, except as provided in such Pass Through Trust Agreement, or otherwise deprive such Certificateholder of the benefit of the ownership of the applicable Equipment Notes.

Alter the priority of distributions specified in the Intercreditor Agreement in a manner materially adverse to such Certificateholders.

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Reduce the percentage of the aggregate fractional undivided interests of the Trust provided for in such Pass Through Trust Agreement, the consent of the holders of which is required for any such supplemental agreement or for any waiver provided for in such Pass Through Trust Agreement.

Modify any of the provisions relating to the rights of the Certificateholders to consent to the amendments or supplements referred to in this paragraph or in respect of certain waivers of Indenture Defaults, except to increase any such percentage or to provide that certain other provisions of such Pass Through Trust Agreement cannot be modified or waived without the consent of each Certificateholder affected thereby.

Adversely affect the status of any Trust as a grantor trust under Subpart E, Part I of Subchapter J of Chapter 1 of Subtitle A of the Code for U.S. federal income tax purposes. (Section 9.02; Trust Supplements, Section 6.03)

In the event that a Trustee, as holder (or beneficial owner through the Subordination Agent) of any Equipment Note in trust for the benefit of the Certificateholders of the relevant Trust or as Controlling Party under the Intercreditor Agreement, receives (directly or indirectly through the Subordination Agent) a request for a consent to any amendment, modification, waiver or supplement under any Indenture, any Participation Agreement, any Equipment Note or any other related document, such Trustee shall forthwith send a notice of such proposed amendment, modification, waiver or supplement to each Certificateholder of the relevant Trust as of the date of such notice, except in the case when consent of Certificateholders is not required under the applicable Pass Through Trust Agreement. Such Trustee shall request from the Certificateholders a direction as to:

Whether or not to take or refrain from taking (or direct the Subordination Agent to take or refrain from taking) any action which a holder of such Equipment Note or the Controlling Party has the option to direct.

Whether or not to give or execute (or direct the Subordination Agent to give or execute) any waivers, consents, amendments, modifications or supplements as a holder of such Equipment Note or as Controlling Party.

How to vote (or direct the Subordination Agent to vote) any Equipment Note if a vote has been called for with respect thereto.

Provided such a request for Certificateholder direction shall have been made, in directing any action or casting any vote or giving any consent as the holder of any Equipment Note (or in directing the Subordination Agent in any of the foregoing):

Other than as Controlling Party, such Trustee shall vote for or give consent to any such action with respect to such Equipment Note in the same proportion as that of (x) the aggregate face amount of all Certificates actually voted in favor of or for giving consent to such action by such direction of Certificateholders to (y) the aggregate face amount of all outstanding Certificates of the relevant Trust.

As the Controlling Party, such Trustee shall vote as directed in such Certificateholder direction by the Certificateholders evidencing fractional undivided interests aggregating not less than a majority in interest in the relevant Trust.

For purposes of the immediately preceding paragraph, a Certificate shall have been actually voted if the Certificateholder has delivered to the applicable Trustee an instrument evidencing such Certificateholder's consent to such direction prior to one Business Day before such Trustee directs such action or casts such vote or gives such consent. Notwithstanding the foregoing, but subject to certain rights of the Certificateholders under the relevant Pass Through Trust Agreement and subject to the Intercreditor Agreement, a Trustee may, in its own discretion and at its own direction, consent and notify the relevant Loan Trustee of such consent (or direct the Subordination Agent to consent and notify the relevant Loan Trustee of such consent) to any amendment, modification, waiver or supplement under the relevant Indenture, Participation Agreement, any relevant

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Equipment Note or any other related document, if an Indenture Default under any Indenture shall have occurred and be continuing, or if such amendment, modification, waiver or supplement will not materially adversely affect the interests of the Certificateholders. (Section 10.01)

In determining whether the Certificateholders of the requisite fractional undivided interests of Certificates of any Class have given any direction under a Pass Through Trust Agreement, Certificates owned by United or any of its affiliates will be disregarded and deemed not to be outstanding for purposes of any such determination. Notwithstanding the foregoing, (i) if any such person owns 100% of the Certificates of any Class, such Certificates shall not be so disregarded, and (ii) if any amount of Certificates of any Class so owned by any such person have been pledged in good faith, such Certificates shall not be disregarded if the pledgee establishes to the satisfaction of the applicable Trustee the pledgee's right so to act with respect to such Certificates and that the pledgee is not United or an affiliate of United.

## **Obligation to Purchase Series B Equipment Notes**

On the Issuance Date, the Class B Trust will purchase the Series B Equipment Notes issued with respect to the Aircraft, subject to the terms and conditions of a note purchase agreement (the Note Purchase Agreement). Under the Note Purchase Agreement, the participation agreement (each, a Participation Agreement) and the indenture (each, an Indenture) relating to the earlier financing of each Aircraft in connection with the issuance of the Series AA Equipment Notes and Series A Equipment Notes will be modified to provide for the issuance of the Series B Equipment Notes pursuant to amendments in substantially the form attached to the Note Purchase Agreement.

## **Termination of the Trusts**

The obligations of United and the applicable Trustee with respect to a Trust will terminate upon the distribution to Certificateholders of such Trust of all amounts required to be distributed to them pursuant to the applicable Pass Through Trust Agreement and the disposition of all property held in such Trust. The applicable Trustee will send to each Certificateholder of such Trust notice of the termination of such Trust, the amount of the proposed final payment and the proposed date for the distribution of such final payment for such Trust. The final distribution to any Certificateholder of such Trust will be made only upon surrender of such Certificateholder's Certificates at the office or agency of the applicable Trustee specified in such notice of termination. (Trust Supplements, Section 7.01(a))

## **The Trustees**

The Trustee for each Trust will be Wilmington Trust, National Association. The Trustee's address is Wilmington Trust, National Association, 1100 North Market Street, Wilmington, Delaware 19890-1605, Attention: Corporate Trust Administration.

## **Book-Entry; Delivery and Form**

### ***General***

On the Issuance Date, each Class of Certificates will be represented by one or more fully registered global certificates. Each global certificate will be deposited with, or on behalf of, The Depository Trust Company (DTC) and registered in the name of Cede & Co. (Cede), the nominee of DTC. DTC was created to hold securities for its participants (DTC Participants) and facilitate the clearance and settlement of securities transactions between DTC Participants through electronic book-entry changes in accounts of the DTC Participants, thereby eliminating the need for physical movement of certificates. DTC Participants include securities brokers and dealers, banks, trust companies and clearing



corporations and certain other organizations. Indirect access to the DTC system is available to others such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a DTC Participant, either directly or indirectly ( Indirect DTC Participants ).

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So long as such book-entry procedures are applicable, no person acquiring an interest in such Certificates ( Certificate Owner ) will be entitled to receive a certificate representing such person s interest in such Certificates. Unless and until definitive certificates are issued under the limited circumstances described below under Physical Certificates , all references to actions by Certificateholders shall refer to actions taken by DTC upon instructions from DTC Participants, and all references herein to distributions, notices, reports and statements to Certificateholders shall refer, as the case may be, to distributions, notices, reports and statements to DTC or Cede, as the registered holder of such Certificates, or to DTC Participants for distribution to Certificate Owners in accordance with DTC procedures.

DTC is a limited purpose trust company organized under the laws of the State of New York, a member of the Federal Reserve System, a clearing corporation within the meaning of the New York Uniform Commercial Code and a clearing agency registered pursuant to Section 17A of the Securities Exchange Act of 1934, as amended (the Exchange Act ).

Under the New York Uniform Commercial Code, a clearing corporation is defined as:

a person that is registered as a clearing agency under the federal securities laws;

a federal reserve bank; or

any other person that provides clearance or settlement services with respect to financial assets that would require it to register as a clearing agency under the federal securities laws but for an exclusion or exemption from the registration requirement, if its activities as a clearing corporation, including promulgation of rules, are subject to regulation by a federal or state governmental authority.

A clearing agency is an organization established for the execution of trades by transferring funds, assigning deliveries and guaranteeing the performance of the obligations of parties to trades.

Under the rules, regulations and procedures creating and affecting DTC and its operations, DTC is required to make book-entry transfers of the Certificates among DTC Participants on whose behalf it acts with respect to the Certificates and to receive and transmit distributions with respect to the Certificates. DTC Participants and Indirect DTC Participants with which Certificate Owners have accounts similarly are required to make book-entry transfers and receive and transmit the payments on behalf of their respective customers. Certificate Owners that are not DTC Participants or Indirect DTC Participants but desire to purchase, sell or otherwise transfer ownership of, or other interests in, the Certificates may do so only through DTC Participants and Indirect DTC Participants. In addition, Certificate Owners will receive all distributions with respect to the Certificates from the Trustees through DTC Participants or Indirect DTC Participants, as the case may be.

Under a book-entry format, Certificate Owners may experience some delay in their receipt of payments, because payments with respect to the Certificates will be forwarded by the Trustees to Cede, as nominee for DTC. DTC will forward payments in same-day funds to each DTC Participant who is credited with ownership of the Certificates in an amount proportionate to the face amount of that DTC Participant s holdings of beneficial interests in the Certificates, as shown on the records of DTC or its nominee. Each such DTC Participant will forward payments to its Indirect DTC Participants in accordance with standing instructions and customary industry practices. DTC Participants and Indirect DTC Participants will be responsible for forwarding distributions to Certificate Owners for whom they act. Accordingly, although Certificate Owners will not possess physical certificates, DTC s rules provide a mechanism by

which Certificate Owners will receive payments on the Certificates and will be able to transfer their interests.

Unless and until physical certificates are issued under the limited circumstances described under Physical Certificates below, the only Certificateholder of physical certificates will be Cede, as nominee of DTC. Certificate Owners will not be recognized by the Trustees as registered owners of Certificates under the applicable Pass Through Trust Agreement. Certificate Owners will be permitted to exercise their rights under the

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applicable Pass Through Trust Agreement only indirectly through DTC. DTC will take any action permitted to be taken by a Certificateholder under the applicable Pass Through Trust Agreement only at the direction of one or more DTC Participants to whose accounts with DTC the Certificates are credited. In the event any action requires approval by Certificateholders of a certain percentage of the beneficial interests in a Trust, DTC will take action only at the direction of and on behalf of DTC Participants whose holdings include undivided interests that satisfy the required percentage. DTC may take conflicting actions with respect to other undivided interests to the extent that the actions are taken on behalf of DTC Participants whose holdings include those undivided interests. DTC will convey notices and other communications to DTC Participants, and DTC Participants will convey notices and other communications to Indirect DTC Participants in accordance with arrangements among them. Arrangements among DTC and its direct and indirect participants are subject to any statutory or regulatory requirements as may be in effect from time to time. DTC's rules applicable to itself and DTC Participants are on file with the Commission.

A Certificate Owner's ability to pledge its Certificates to persons or entities that do not participate in the DTC system, or otherwise to act with respect to its Certificates, may be limited due to the lack of a physical certificate to evidence ownership of the Certificates, and because DTC can only act on behalf of DTC Participants, who in turn act on behalf of Indirect DTC Participants.

Neither United nor the Trustees will have any liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in the Certificates held by Cede, as nominee for DTC, for maintaining, supervising or reviewing any records relating to the beneficial ownership interests or for the performance by DTC, any DTC Participant or any Indirect DTC Participant of their respective obligations under the rules and procedures governing their obligations.

As long as the Certificates of any Trust are registered in the name of DTC or its nominee, United will make all payments to the Loan Trustee under the applicable Indenture in immediately available funds. The applicable Trustee will pass through to DTC in immediately available funds all payments received from United, including the final distribution of principal with respect to the Certificates of such Trust.

Any Certificates registered in the name of DTC or its nominee will trade in DTC's Same-Day Funds Settlement System until maturity. DTC will require secondary market trading activity in the Certificates to settle in immediately available funds. No assurance can be given as to the effect, if any, of settlement in same-day funds on trading activity in the Certificates.

***Physical Certificates***

Physical certificates will be issued in paper form to Certificateholders or their nominees, rather than to DTC or its nominee, only if:

United advises the applicable Trustee in writing that DTC is no longer willing or able to discharge properly its responsibilities as depository with respect to the Certificates and United is unable to locate a qualified successor;

United elects to terminate the book-entry system through DTC; or

after the occurrence of an Indenture Default under any Indenture pursuant to which Equipment Notes held by a Trust were issued, Certificate Owners owning at least a majority in fractional undivided interests in such Trust advise the applicable Trustee, United and DTC through DTC Participants that the continuation of a book-entry system through DTC or a successor to DTC is no longer in the Certificate Owners' best interest.

Upon the occurrence of any of the events described in the three subparagraphs above, the applicable Trustee will notify all applicable Certificate Owners through DTC Participants of the occurrence of such event and the

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availability of physical certificates. Upon surrender by DTC of the global certificates and receipt of instructions for re-registration, the applicable Trustee will reissue the Certificates as physical certificates to the applicable Certificate Owners.

In the case of the physical certificates that are issued, the applicable Trustee or a paying agent will make distributions with respect to such Certificates directly to holders in whose names the physical certificates were registered at the close of business on the applicable record date. Except for the final payment to be made with respect to a Certificate, the applicable Trustee or a paying agent will make distributions by check mailed to the addresses of the registered holders as they appear on the register maintained by such Trustee. The applicable Trustee or a paying agent will make the final payment with respect to any Certificate only upon presentation and surrender of the applicable Certificate at the office or agency specified in the notice of final distribution to Certificateholders.

Physical certificates will be freely transferable and exchangeable at the office of the Trustee upon compliance with the requirements set forth in the applicable Pass Through Trust Agreement. Neither the Trustee nor any transfer or exchange agent will impose a service charge for any registration of transfer or exchange. However, the Trustee or transfer or exchange agent will require payment of a sum sufficient to cover any tax or other governmental charge attributable to a transfer or exchange.

**Table of Contents****DESCRIPTION OF THE LIQUIDITY FACILITIES**

The following summary describes the material terms of the Liquidity Facilities and certain provisions of the Intercreditor Agreement relating to the Liquidity Facilities. The summary does not purport to be complete and is qualified in its entirety by reference to all of the provisions of the Liquidity Facilities and the Intercreditor Agreement, each of which was filed as an exhibit to a Current Report on Form 8-K filed by United with the Commission on September 29, 2016, or, if executed in connection with this Offering, will be so filed as an exhibit to a Current Report on Form 8-K. The provisions of the Liquidity Facilities are substantially identical except as otherwise indicated.

**General**

Commonwealth Bank of Australia, New York Branch (the Liquidity Provider), will enter into a separate revolving credit agreement with the Subordination Agent with respect to the Class B Trust, and previously entered into a separate liquidity facility with the Subordination Agent with respect to the Class AA Trust and the Class A Trust (each, a Liquidity Facility). On any Regular Distribution Date, if, after giving effect to the subordination provisions of the Intercreditor Agreement, the Subordination Agent does not have sufficient funds for the payment of interest on the Class AA Certificates, Class A Certificates or Class B Certificates, the Liquidity Provider under the relevant Liquidity Facility will make an advance (an Interest Drawing) in the amount needed to fund such interest shortfall up to the Maximum Available Commitment. The maximum amount of Interest Drawings available under each Liquidity Facility is expected to provide an amount sufficient for the Subordination Agent to pay interest on the related Class of Certificates on up to three consecutive semiannual Regular Distribution Dates (without regard to any expected future payments of principal on such Certificates) at the respective Stated Interest Rate. If interest payment defaults occur which exceed the amount covered by and available under the Liquidity Facility for the Class AA, Class A Trust or Class B Trust, the Certificateholders of such Trust will bear their allocable share of the deficiencies to the extent that there are no other sources of funds. The Liquidity Provider with respect to each of the Class AA Trust, Class A Trust and Class B Trust may be replaced by one or more other entities under certain circumstances.

**Drawings**

The aggregate amount available under the Liquidity Facility for the Class AA Trust, Class A Trust and Class B Trust at April 7, 2018, the first Regular Distribution Date after the Issuance Date, will be as follows:

<b>Trust</b>	<b>Available Amount</b>
Class AA	\$ 27,449,580
Class A	\$ 13,163,267
Class B	\$ 12,236,058

Except as otherwise provided below, the Liquidity Facility for each of the Class AA Trust, Class A Trust and Class B Trust will enable the Subordination Agent to make Interest Drawings thereunder promptly on or after any Regular Distribution Date if, after giving effect to the subordination provisions of the Intercreditor Agreement, there are insufficient funds available to the Subordination Agent to pay interest on the Certificates of such Trust at the Stated Interest Rate for such Trust; provided, however, that the maximum amount available to be drawn under the Liquidity Facility with respect to the Class AA Trust, Class A Trust or Class B Trust on any Regular Distribution Date to fund any shortfall of interest on Certificates of such Trust will not exceed the then Maximum Available Commitment under such Liquidity Facility. The Maximum Available Commitment at any time under each Liquidity Facility is an amount equal to the then Maximum Commitment of such Liquidity Facility less the aggregate amount of each Interest

Drawing outstanding under such Liquidity Facility at such time, provided that following a Downgrade Drawing (subject to reinstatement of the obligations of any applicable Liquidity Provider if any such Liquidity Provider has a Long-Term Rating specified for each Rating Agency in the definition of Liquidity Threshold Rating or higher at any time after the occurrence of a

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Downgrade Event and so notifies the Subordination Agent), a Special Termination Drawing, a Final Drawing or a Non-Extension Drawing under a Liquidity Facility, the Maximum Available Commitment under such Liquidity Facility shall be zero.

Maximum Commitment for the Liquidity Facility as of the Issuance Date for the Class AA Trust, the Class A Trust and the Class B Trust means \$27,449,580, \$13,163,267 and \$12,376,737, respectively, as the same may be reduced from time to time as described below.

Required Amount means, in relation to the Liquidity Facility for any applicable Trust for any day, the sum of the aggregate amount of interest, calculated at the rate per annum equal to the Stated Interest Rate for such Trust, that would be payable on such Class of Certificates on each of the three successive Regular Distribution Dates immediately following such day or, if such day is a Regular Distribution Date, on such day and the succeeding two Regular Distribution Dates, in each case calculated on the basis of the Pool Balance of the corresponding Class of Certificates on such day and without regard to expected future payments of principal on such Class of Certificates.

The Liquidity Facility for any applicable Class of Certificates does not provide for drawings thereunder to pay for principal of or premium on the Certificates of such Class or any interest on the Certificates of such Class in excess of the Stated Interest Rate for such Class or more than three semiannual installments of interest thereon or principal of or interest or premium on the Certificates of any other Class. (Liquidity Facilities, Section 2.02; Intercreditor Agreement, Section 3.5)

Each payment by a Liquidity Provider reduces by the same amount the Maximum Available Commitment under the related Liquidity Facility, subject to reinstatement as described below. With respect to any Interest Drawing, upon reimbursement of the applicable Liquidity Provider in full or in part for the amount of such Interest Drawing plus interest thereon, the Maximum Available Commitment under the applicable Liquidity Facility will be reinstated by an amount equal to the amount of such Interest Drawing so reimbursed to an amount not to exceed the then Required Amount of such Liquidity Facility. However, the Maximum Available Commitment under such Liquidity Facility will not be so reinstated at any time if (i) a Liquidity Event of Default with respect to such Liquidity Facility shall have occurred and be continuing and less than 65% of the then aggregate outstanding principal amount of all Equipment Notes (other than Additional Equipment Notes, if any) are Performing Equipment Notes or (ii) a Final Drawing, Downgrade Drawing, Special Termination Drawing or Non-Extension Drawing shall have been made or an Interest Drawing shall have been converted into a Final Drawing. The Maximum Available Commitment under any Liquidity Facility will not be reinstated after a Final Drawing, Downgrade Drawing (except as described above), Special Termination Drawing or Non-Extension Drawing thereunder. On the first Regular Distribution Date and on each date on which the Pool Balance of the Class AA Trust, Class A Trust or Class B Trust shall have been reduced by payments made to the related Certificateholders pursuant to the Intercreditor Agreement, the Maximum Commitment of the Liquidity Facility for such Trust will be automatically reduced from time to time to an amount equal to the then Required Amount. (Liquidity Facilities, Section 2.04(a); Intercreditor Agreement, Section 3.5(j))

Performing Equipment Note means an Equipment Note with respect to which no payment default has occurred and is continuing (without giving effect to any acceleration); provided that in the event of a bankruptcy proceeding under the U.S. Bankruptcy Code in which United is a debtor any payment default existing during the 60-day period under Section 1110(a)(2)(A) of the U.S. Bankruptcy Code (or such longer period as may apply under Section 1110(b) of the U.S. Bankruptcy Code or as may apply for the cure of such payment default under Section 1110(a)(2)(B) of the U.S. Bankruptcy Code) shall not be taken into consideration until the expiration of the applicable period.

If at any time a Liquidity Provider is downgraded, or any applicable rating of a Liquidity Provider is suspended or withdrawn, by any Rating Agency such that after such downgrading, suspension or withdrawal such Liquidity

Provider does not have a Long-Term Rating from such Rating Agency of the applicable Liquidity

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Threshold Rating or higher (any such downgrading, suspension or withdrawal, a Downgrade Event ), and such Liquidity Facility is not replaced with a Replacement Facility within 35 days of the occurrence of such Downgrade Event (or, if earlier, the expiration date of such Liquidity Facility), such Liquidity Facility will be drawn up to the then Maximum Available Commitment under such Liquidity Facility (the Downgrade Drawing ), unless no later than 30 days after the occurrence of such Downgrade Event (or, if earlier, the expiration date of such Liquidity Facility), the Rating Agency whose downgrading, suspension or withdrawal of such Liquidity Provider resulted in the occurrence of such Downgrade Event provides a written confirmation to the effect that such downgrading, suspension or withdrawal will not result in a downgrading, withdrawal or suspension of the rating by such Rating Agency for the related Class of Certificates. The proceeds of a Downgrade Drawing will be deposited into a cash collateral account (the Cash Collateral Account ) for the applicable Class of Certificates and used for the same purposes and under the same circumstances and subject to the same conditions as cash payments of Interest Drawings under such Liquidity Facility would be used. If at any time after the occurrence of a Downgrade Event with respect to a Liquidity Provider, such Liquidity Provider has a Long-Term Rating specified by each Rating Agency in the definition of Liquidity Threshold Rating or higher and so notifies the Subordination Agent, amounts on deposit in the applicable Cash Collateral Account that have not been applied to the payment of interest will be reimbursed to such Liquidity Provider and the obligations of such Liquidity Provider under the related Liquidity Facility shall be reinstated to the extent of such amounts which have been reimbursed to such Liquidity Provider. For the avoidance of doubt, the foregoing requirements shall apply to each occurrence of a Downgrade Event with respect to a Liquidity Provider, regardless of whether or not one or more Downgrade Events have occurred prior thereto and whether or not any confirmation by a Rating Agency specified in the foregoing requirements has been obtained with respect to any prior occurrence of a Downgrade Event. (Liquidity Facilities, Section 2.02(c); Intercreditor Agreement, Section 3.5(c)) If a qualified Replacement Facility is subsequently provided, the balance of the applicable Cash Collateral Account will be repaid to the replaced Liquidity Provider.

Liquidity Threshold Rating means: (a) in the case of Fitch Ratings, Inc. ( Fitch ), a Long-Term Rating of BBB+ with respect to the Liquidity Provider for the Class AA Trust, a Long-Term Rating of BBB with respect to the Liquidity Provider for the Class A Trust and a Long-Term Rating of BBB- with respect to the Liquidity Provider for the Class B Trust, and (b) in the case of Moody's Investors Service, Inc. ( Moody's ), a Long-Term Rating of Baa2.

Long-Term Rating means, for any entity, (a) in the case of Fitch, long-term issuer default rating of such entity and (b) in the case of Moody's, the long-term unsecured debt rating of such entity.

If at any time during the 18-month period prior to the final expected Regular Distribution Date, the Pool Balance for a Trust is greater than the aggregate outstanding principal amount of Equipment Notes held in such Trust (other than any Equipment Notes previously sold or with respect to which the collateral securing such Equipment Notes has been disposed of), the Liquidity Provider may, in its discretion, give notice of special termination under the applicable Liquidity Facility (a Special Termination Notice ). The effect of the delivery of such Special Termination Notice will be to cause (i) such Liquidity Facility to expire on the fifth Business Day after the date on which such Special Termination Notice is received by the Subordination Agent, (ii) the Subordination Agent to promptly request, and the Liquidity Provider to promptly make, a special termination drawing (a Special Termination Drawing ) in an amount equal to the Maximum Available Commitment thereunder and (iii) all amounts owing to the Liquidity Provider automatically to become accelerated. The proceeds of a Special Termination Drawing will be deposited into the applicable Cash Collateral Account and used for the same purposes under the same circumstances and subject to the same conditions as cash payments of Interest Drawings under such Liquidity Facility would be used. (Liquidity Facilities, Section 6.02; Intercreditor Agreement, Section 3.5(m))

The Liquidity Facility for each Trust provides that the applicable Liquidity Provider's obligations thereunder will expire on the earliest of:

The first anniversary of the applicable original issuance date for the Certificates of such Trust.

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The date on which the Subordination Agent delivers to such Liquidity Provider a certification that all of the Certificates of such Trust have been paid in full.

The date on which the Subordination Agent delivers to such Liquidity Provider a certification that a Replacement Facility has been substituted for such Liquidity Facility.

The fifth Business Day following receipt by the Subordination Agent of a Termination Notice from such Liquidity Provider (see Liquidity Events of Default ).

The fifth Business Day following receipt by the Subordination Agent of a Special Termination Notice from such Liquidity Provider.

The date on which no amount is or may (by reason of reinstatement) become available for drawing under such Liquidity Facility.

Each Liquidity Facility provides that it will be extended automatically for additional one-year periods unless the applicable Liquidity Provider advises the Subordination Agent 25 days prior to its then-scheduled expiration date that the expiration date will not be extended. The Intercreditor Agreement will provide that the Liquidity Facility for any applicable Trust may be replaced if such Liquidity Facility is scheduled to expire earlier than 15 days after the Final Maturity Date for the Certificates of such Trust and the expiration date of such Liquidity Facility is not extended by the 25th day prior to its then-scheduled expiration date. If such Liquidity Facility is not so extended or replaced by the 25th day prior to its then-scheduled expiration date, such Liquidity Facility will be drawn in full up to the then Maximum Available Commitment under such Liquidity Facility (the Non-Extension Drawing ). The proceeds of the Non-Extension Drawing under any Liquidity Facility will be deposited in the Cash Collateral Account for the related Trust to be used for the same purposes and under the same circumstances, and subject to the same conditions, as cash payments of Interest Drawings under such Liquidity Facility would be used. (Liquidity Facilities, Section 2.02(b); Intercreditor Agreement, Section 3.5(d))

Upon receipt by the Subordination Agent of a Termination Notice with respect to any Liquidity Facility from the relevant Liquidity Provider, the Subordination Agent shall request a final drawing (a Final Drawing ) under such Liquidity Facility, in an amount equal to the then Maximum Available Commitment thereunder. The Subordination Agent will hold the proceeds of the Final Drawing in the Cash Collateral Account for the related Trust as cash collateral to be used for the same purposes and under the same circumstances, and subject to the same conditions, as cash payments of Interest Drawings under such Liquidity Facility would be used. (Liquidity Facilities, Section 2.02(d); Intercreditor Agreement, Section 3.5(i))

Drawings under any Liquidity Facility will be made by delivery by the Subordination Agent of a certificate in the form required by such Liquidity Facility. Upon receipt of such a certificate, the relevant Liquidity Provider is obligated to make payment of the drawing requested thereby in immediately available funds. Upon payment by the relevant Liquidity Provider of the amount specified in any drawing under any Liquidity Facility, such Liquidity Provider will be fully discharged of its obligations under such Liquidity Facility with respect to such drawing and will not thereafter be obligated to make any further payments under such Liquidity Facility in respect of such drawing to the Subordination Agent or any other person.

**Replacement Liquidity Facility**

A Replacement Facility for any Liquidity Facility will mean an irrevocable liquidity facility (or liquidity facilities) in substantially the form of the replaced Liquidity Facility, including reinstatement provisions, or in such other form (which may include a letter of credit) as shall permit the Rating Agencies to confirm in writing their respective ratings then in effect for the Certificates of an applicable Trust (before downgrading of such ratings, if any, as a result of the downgrading of the replaced Liquidity Provider), in a face amount (or in an aggregate face amount) equal to the then Required Amount for the replaced Liquidity Facility and issued by a person (or persons) having a Long-Term Rating issued by each applicable Rating Agency which is equal to or higher than the applicable Liquidity Threshold Rating. (Intercreditor Agreement, Section 1.1) The provider of

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any Replacement Facility will have the same rights (including, without limitation, priority distribution rights and rights as Controlling Party under the Intercreditor Agreement) as the Liquidity Provider being replaced.

Subject to certain limitations, United may, at its option, arrange for a Replacement Facility at any time to replace the Liquidity Facility for any applicable Trust (including without limitation any Replacement Facility described in the following sentence). In addition, if a Liquidity Provider shall determine not to extend any Replacement Facility, then such Liquidity Provider may, at its option, arrange for another Replacement Facility to replace such Replacement Facility (i) during the period no earlier than 40 days and no later than 25 days prior to the then scheduled expiration date of such Replacement Facility and (ii) at any time after a Non-Extension Drawing has been made under such Liquidity Facility. The Liquidity Provider may also arrange for a Replacement Facility to replace any of its Liquidity Facilities at any time after a Downgrade Drawing under such Liquidity Facility. If any Replacement Facility is provided at any time after a Downgrade Drawing, a Special Termination Drawing or a Non-Extension Drawing under any Liquidity Facility, the funds with respect to such Liquidity Facility on deposit in the Cash Collateral Account for such Trust will be returned to the Liquidity Provider being replaced. (Intercreditor Agreement, Section 3.5(e))

**Reimbursement of Drawings**

The Subordination Agent must reimburse amounts drawn under any Liquidity Facility by reason of an Interest Drawing, Final Drawing, Downgrade Drawing, Special Termination Drawing or Non-Extension Drawing and interest thereon, but only to the extent that the Subordination Agent has funds available therefor. See Description of the Intercreditor Agreement Priority of Distributions .

***Interest Drawings, Special Termination Drawing and Final Drawing***

Amounts drawn by reason of an Interest Drawing, Special Termination Drawing or Final Drawing will be immediately due and payable, together with interest on the amount of such drawing. From the date of the drawing to (but excluding) the third business day following the applicable Liquidity Provider's receipt of the notice of such Interest Drawing or Final Drawing, interest will accrue at the Base Rate plus 3.75% per annum. Thereafter, interest will accrue at LIBOR for the applicable interest period (or, as described in the fourth paragraph under Reimbursement of Drawings Interest Drawings, Special Termination Drawing and Final Drawing , the Base Rate) plus 3.75% per annum. Any Special Termination Drawing under the Liquidity Facilities, other than any portion thereof applied to the payment of interest on the Certificates, will bear interest (x) subject to clause (y) below, in an amount equal to the investment earnings on amounts deposited in the Cash Collateral Account attributable to such Liquidity Facility plus a specified rate per annum on the outstanding amount from time to time of such Special Termination Drawing and (y) from and after the date, if any, on which it is converted into a Final Drawing as described below under Liquidity Events of Default , at a rate equal to LIBOR for the applicable interest period (or, as described in the fourth paragraph under Interest Drawings, Special Termination Drawing and Final Drawing , the Base Rate) plus 3.75% per annum.

Base Rate means, on any day, a fluctuating interest rate per annum in effect from time to time, which rate per annum shall at all times be equal to (a) the weighted average of the rates on overnight Federal funds transactions with members of the Federal Reserve System arranged by Federal funds brokers, as published for such day (or, if such day is not a business day, for the next preceding business day) by the Federal Reserve Bank of New York, or if such rate is not so published for any day that is a business day, the average of the quotations for such day for such transactions received by the applicable Liquidity Provider from three Federal funds brokers of recognized standing selected by it, plus (b) one-quarter of one percent ( 1/4 of 1%).

LIBOR means, with respect to any interest period, (i) the rate per annum appearing on Reuters Screen LIBOR01 Page (or any successor or substitute therefor) at approximately 11:00 a.m. (London time) two business days before the first

day of such interest period, as the rate for dollar deposits with a maturity comparable to such interest period, or (ii) if the rate calculated pursuant to clause (i) above is not available, the average (rounded

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upwards, if necessary, to the next 1/16 of 1%) of the rates per annum at which deposits in dollars are offered for the relevant interest period by three banks of recognized standing selected by the applicable Liquidity Provider in the London interbank market at approximately 11:00 a.m. (London time) two business days before the first day of such interest period in an amount approximately equal to the principal amount of the drawing to which such interest period is to apply and for a period comparable to such interest period; provided that if LIBOR determined as provided above with respect to any interest period would be less than zero percent (0%), then LIBOR for such interest period shall be deemed to be zero percent (0%).

If at any time, a Liquidity Provider shall have determined (which determination shall be conclusive and binding upon the Subordination Agent, absent manifest error) that, by reason of circumstances affecting the relevant interbank lending market generally, LIBOR determined or to be determined for the current or the immediately succeeding interest period will not adequately and fairly reflect the cost to such Liquidity Provider (as conclusively certified by such Liquidity Provider, absent manifest error) of making or maintaining LIBOR advances, such Liquidity Provider shall give notice thereof (a Rate Determination Notice ) to the Subordination Agent. If such notice is given, then the outstanding principal amount of the LIBOR advances under the applicable Liquidity Facility shall be converted to Base Rate advances effective from the date of the Rate Determination Notice; provided that the rate then applicable in respect of such Base Rate advances shall be increased by one percent (1.00%). Each applicable Liquidity Provider shall withdraw a Rate Determination Notice given under the applicable Liquidity Facility when such Liquidity Provider determines that the circumstances giving rise to such Rate Determination Notice no longer apply to such Liquidity Provider, and the Base Rate advances under the applicable Liquidity Facility shall be converted to LIBOR advances effective as of the first day of the next succeeding interest period after the date of such withdrawal. Each change in the Base Rate shall become effective immediately. (Liquidity Facilities, Section 3.07(g))

***Downgrade Drawings and Non-Extension Drawings***

The amount drawn under any Liquidity Facility by reason of a Downgrade Drawing or a Non-Extension Drawing will be treated as follows:

Such amount will be released on any Distribution Date to the applicable Liquidity Provider to the extent that such amount exceeds the Required Amount.

Any portion of such amount withdrawn from the Cash Collateral Account for such Certificates to pay interest on such Certificates will be treated in the same way as Interest Drawings.

The balance of such amount will be invested in certain specified eligible investments. Any Downgrade Drawing under any Liquidity Facility, other than any portion thereof applied to the payment of interest on the applicable Certificates, will bear interest (x) subject to clause (y) below, in an amount equal to the investment earnings (subject to a specified minimum) on amounts deposited in the Cash Collateral Account attributable to such Liquidity Facility plus a specified rate per annum on the outstanding amount from time to time of such Downgrade Drawing and (y) from and after the date, if any, on which it is converted into a Final Drawing as described below under Liquidity Events of Default , at a rate equal to LIBOR for the applicable interest period (or, as described in the fourth paragraph under Interest Drawings, Special Termination Drawing and Final Drawing , the Base Rate) plus 3.75% per annum.

Any Non-Extension Drawing under any Liquidity Facility, other than any portion thereof applied to the payment of interest on the applicable Certificates, will bear interest (x) subject to clause (y) below, in an amount equal to the investment earnings on amounts deposited in the Cash Collateral Account attributable to such Liquidity Facility plus a specified rate per annum on the outstanding amount from time to time of such Non-Extension Drawing and (y) from and after the date, if any, on which it is converted into a Final Drawing as described below under Liquidity Events of Default , at a rate equal to LIBOR for the applicable interest period (or, as described in the fourth paragraph under Interest Drawings, Special Termination Drawing and Final Drawing , the Base Rate) plus 3.75% per annum.

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### **Liquidity Events of Default**

Events of default under each Liquidity Facility (each, a Liquidity Event of Default ) will consist of:

The acceleration of all of the Equipment Notes.

Certain bankruptcy or similar events involving United. (Liquidity Facilities, Section 1.01)  
If (i) any Liquidity Event of Default under any Liquidity Facility has occurred and is continuing and (ii) less than 65% of the aggregate outstanding principal amount of all Equipment Notes (other than any Additional Equipment Notes, if any) are Performing Equipment Notes, the applicable Liquidity Provider may, in its discretion, give a notice of termination of such Liquidity Facility to the Subordination Agent (a Termination Notice ). The Termination Notice will have the following consequences:

Such Liquidity Facility will expire on the fifth Business Day after the date on which such Termination Notice is received by the Subordination Agent.

The Subordination Agent will promptly request, and the applicable Liquidity Provider will make, a Final Drawing thereunder in an amount equal to the then Maximum Available Commitment thereunder.

Any drawing remaining unreimbursed as of the date of termination will be automatically converted into a Final Drawing under such Liquidity Facility.

All amounts owing to the applicable Liquidity Provider automatically will be accelerated.  
Notwithstanding the foregoing, the Subordination Agent will be obligated to pay amounts owing to the applicable Liquidity Provider only to the extent of funds available therefor after giving effect to the payments in accordance with the provisions set forth under Description of the Intercreditor Agreement Priority of Distributions . (Liquidity Facilities, Section 2.09) Upon the circumstances described below under Description of the Intercreditor Agreement Intercreditor Rights , such Liquidity Provider may become the Controlling Party with respect to the exercise of remedies under the Indentures. (Intercreditor Agreement, Section 2.6(c))

### **Liquidity Provider**

The initial Liquidity Provider for the Class B Trust Liquidity Facility will be Commonwealth Bank of Australia, New York Branch, which also serves as Liquidity Provider under the Liquidity Facilities for the Class AA Trust and Class A Trust. The Liquidity Provider meets the Liquidity Threshold Rating.

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**DESCRIPTION OF THE INTERCREDITOR AGREEMENT**

The following summary describes the material provisions of the Amended and Restated Intercreditor Agreement (the Intercreditor Agreement ) among the Trustees, the Liquidity Provider and Wilmington Trust, National Association, as subordination agent (the Subordination Agent ), relating to the Certificates. The summary does not purport to be complete and is qualified in its entirety by reference to all of the provisions of the Intercreditor Agreement, which will be filed as an exhibit to a Current Report on Form 8-K filed by United with the Commission.

**Intercreditor Rights**

***Controlling Party***

Each Loan Trustee will be directed in taking, or refraining from taking, any action under an Indenture or with respect to the Equipment Notes issued under such Indenture, by the holders of at least a majority of the outstanding principal amount of the Equipment Notes issued under such Indenture, so long as no Indenture Default shall have occurred and be continuing thereunder. For so long as the Subordination Agent is the registered holder of the Equipment Notes, the Subordination Agent will act with respect to the preceding sentence in accordance with the directions of the Trustees for whom the Equipment Notes issued under such Indenture are held as Trust Property, to the extent constituting, in the aggregate, directions with respect to the required principal amount of Equipment Notes.

After the occurrence and during the continuance of an Indenture Default under an Indenture, each Loan Trustee will be directed in taking, or refraining from taking, any action thereunder or with respect to the Equipment Notes issued under such Indenture, including acceleration of such Equipment Notes or foreclosing the lien on the related Aircraft, by the Controlling Party, subject to the limitations described below. See Description of the Certificates Indenture Defaults and Certain Rights Upon an Indenture Default for a description of the rights of the Certificateholders of each Trust to direct the respective Trustees.

The Controlling Party will be:

The Class AA Trustee.

Upon payment of Final Distributions to the holders of Class AA Certificates, the Class A Trustee.

Upon the payment of Final Distributions to the holders of Class A Certificates, the Class B Trustee.

Under certain circumstances, and notwithstanding the foregoing, the Liquidity Provider with the largest amount owed to it, as discussed in the next paragraph.

At any time after 18 months from the earliest to occur of (x) the date on which the entire available amount under any Liquidity Facility shall have been drawn (for any reason other than a Downgrade Drawing, Special Termination Drawing or Non-Extension Drawing that has not been converted into a Final Drawing) and shall remain unreimbursed, (y) the date on which the entire amount of any Downgrade Drawing, Special Termination Drawing or Non-Extension Drawing shall have been withdrawn from the relevant Cash Collateral Account to pay interest on the relevant Class of Certificates and shall remain unreimbursed and (z) the date on which all Equipment Notes shall have

been accelerated, the Liquidity Provider with the highest outstanding amount of Liquidity Obligations (so long as such Liquidity Provider has not defaulted in its obligation to make any drawing under any Liquidity Facility) shall have the right to become the Controlling Party.

For purposes of giving effect to the rights of the Controlling Party, each Trustee (to the extent not the Controlling Party) shall irrevocably agree, and the Certificateholders (other than the Certificateholders represented by the Controlling Party) will be deemed to agree by virtue of their purchase of Certificates, that the Subordination Agent, as record holder of the Equipment Notes, shall exercise its voting rights in respect of the

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Equipment Notes as directed by the Controlling Party. (Intercreditor Agreement, Section 2.6) For a description of certain limitations on the Controlling Party's rights to exercise remedies, see Description of the Equipment Notes Remedies .

Final Distributions means, with respect to the Certificates of any Trust on any Distribution Date, the sum of (x) the aggregate amount of all accrued and unpaid interest on such Certificates and (y) the Pool Balance of such Certificates as of the immediately preceding Distribution Date. For purposes of calculating Final Distributions with respect to the Certificates of any Trust, any premium paid on the Equipment Notes held in such Trust which has not been distributed to the Certificateholders of such Trust (other than such premium or a portion thereof applied to the payment of interest on the Certificates of such Trust or the reduction of the Pool Balance of such Trust) shall be added to the amount of such Final Distributions.

***Limitation on Exercise of Remedies***

So long as any Certificates are outstanding, during nine months after the earlier of (x) the acceleration of the Equipment Notes under any Indenture and (y) the bankruptcy or insolvency of United, without the consent of each Trustee (and each Additional Trustee, if any Additional Junior Certificates are outstanding), no Aircraft subject to the lien of such Indenture or such Equipment Notes may be sold in the exercise of remedies under such Indenture, if the net proceeds from such sale would be less than the Minimum Sale Price for such Aircraft or such Equipment Notes.

Minimum Sale Price means, with respect to any Aircraft or the Equipment Notes issued in respect of such Aircraft, at any time, in the case of the sale of an Aircraft, 75%, or in the case of the sale of related Equipment Notes, 85%, of the Appraised Current Market Value of such Aircraft.

Following the occurrence and during the continuation of an Indenture Default under any Indenture, in the exercise of remedies pursuant to such Indenture, the Loan Trustee under such Indenture may be directed to lease the Aircraft to any person (including United) so long as the Loan Trustee in doing so acts in a commercially reasonable manner within the meaning of Article 9 of the Uniform Commercial Code as in effect in any applicable jurisdiction (including Sections 9-610 and 9-627 thereof).

If following certain events of bankruptcy, reorganization or insolvency with respect to United described in the Intercreditor Agreement (a United Bankruptcy Event ) and during the pendency thereof, the Controlling Party receives a proposal from or on behalf of United to restructure the financing of any one or more of the Aircraft, the Controlling Party will promptly thereafter give the Subordination Agent and each Trustee (each Additional Trustee, if any Additional Junior Certificates are outstanding) notice of the material economic terms and conditions of such restructuring proposal whereupon the Subordination Agent acting on behalf of each Trustee (and each Additional Trustee, if Additional Junior Certificates are outstanding) will endeavor using reasonable commercial efforts to make such terms and conditions of such restructuring proposal available to all Certificateholders (and, if then outstanding, holders of Additional Junior Certificates) (whether by posting on DTC's Internet board or otherwise) and to each Liquidity Provider that has not made a Final Drawing. Thereafter, neither the Subordination Agent nor any Trustee, whether acting on instructions of the Controlling Party or otherwise, may, without the consent of each Trustee (and each Additional Trustee, if any Additional Junior Certificates are outstanding), enter into any term sheet, stipulation or other agreement (whether in the form of an adequate protection stipulation, an extension under Section 1110(b) of the U.S. Bankruptcy Code or otherwise) to effect any such restructuring proposal with or on behalf of United unless and until the material economic terms and conditions of such restructuring proposal shall have been made available to all Certificateholders (and, if then outstanding, holders of Additional Junior Certificates) and to each Liquidity Provider that has not made a Final Drawing for a period of not less than 15 calendar days (except that such requirement shall not apply to any such term sheet, stipulation or other agreement that is entered into on or prior to the expiry of the

60-Day Period and that is effective for a period not longer than three months from the expiry of the 60-Day Period).

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In the event that any holder of Class A Certificates, Class B Certificates or, if issued, of Additional Junior Certificates, gives irrevocable notice of the exercise of its right to purchase all (but not less than all) of the Class of Certificates represented by the then Controlling Party (as described in Description of the Certificates Purchase Rights of Certificateholders ), prior to the expiry of the 15-day notice period specified above, such Controlling Party may not direct the Subordination Agent or any Trustee to enter into any such restructuring proposal with respect to any of the Aircraft, unless and until such holder fails to purchase such Class of Certificates on the date that it is required to make such purchase.

## **Post Default Appraisals**

Upon the occurrence and continuation of an Indenture Default under any Indenture, the Subordination Agent will be required to obtain three desktop appraisals from the appraisers selected by the Controlling Party setting forth the current market value, current lease rate and distressed value (in each case, as defined by the International Society of Transport Aircraft Trading) of the Aircraft subject to such Indenture (each such appraisal, an Appraisal and the current market value appraisals being referred to herein as the Post Default Appraisals ). For so long as any Indenture Default shall be continuing under any Indenture, and without limiting the right of the Controlling Party to request more frequent Appraisals, the Subordination Agent will be required to obtain additional Appraisals on the date that is 364 days from the date of the most recent Appraisal or if a United Bankruptcy Event shall have occurred and is continuing, on the date that is 180 days from the date of the most recent Appraisal.

Appraised Current Market Value of any Aircraft means the lower of the average and the median of the three most recent Post Default Appraisals of such Aircraft.

## **Priority of Distributions**

All payments in respect of the Equipment Notes and certain other payments received on each Regular Distribution Date or Special Distribution Date (each, a Distribution Date ) will be promptly distributed by the Subordination Agent on such Distribution Date in the following order of priority:

To the Subordination Agent, any Trustee, any Certificateholder and any Liquidity Provider to the extent required to pay certain out-of-pocket costs and expenses actually incurred by the Subordination Agent (or reasonably expected to be incurred by the Subordination Agent for the period ending on the next succeeding Regular Distribution Date, which shall not exceed \$150,000 unless approved in writing by the Controlling Party) or the Liquidity Provider or any Trustee or to reimburse any Certificateholder or the Liquidity Provider in respect of payments made to the Subordination Agent or any Trustee in connection with the protection or realization of the value of the Equipment Notes held by the Subordination Agent or any Collateral under (and as defined in) any Indenture (collectively, the Administration Expenses ).

To the Liquidity Provider (a) to the extent required to pay the Liquidity Expenses or (b) in the case of a Special Payment on account of the redemption, purchase or prepayment of Equipment Notes issued pursuant to an Indenture (an Equipment Note Special Payment ), so long as no Indenture Default has occurred and is continuing under any Indenture, the amount of accrued and unpaid Liquidity Expenses that are not yet due, multiplied by the Section 2.4 Fraction or, if an Indenture Default has occurred and is continuing, clause (a) will apply.



To the Liquidity Provider (a) to the extent required to pay interest accrued on the Liquidity Obligations and if a Special Termination Drawing has been made and has not been converted into a Final Drawing, to pay the outstanding amount of such Special Termination Drawing or (b) in the case of an Equipment Note Special Payment, so long as no Indenture Default has occurred and is continuing under any Indenture, to the extent required to pay accrued and unpaid interest then in arrears on the Liquidity Obligations plus an amount equal to the amount of accrued and unpaid interest on the Liquidity Obligations not in arrears, multiplied by the Section 2.4 Fraction and if a Special Termination Drawing has been made and has not been converted into a Final Drawing, the outstanding amount of such Special Termination Drawing or, if an Indenture Default has occurred and is continuing, clause (a) will apply.

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To (i) the Liquidity Provider to the extent required to pay the outstanding amount of all Liquidity Obligations and (ii) if applicable, with respect to any particular Liquidity Facility, unless (in the case of this clause (ii) only) (x) less than 65% of the aggregate outstanding principal amount of all Equipment Notes (other than Additional Equipment Notes, if any) are Performing Equipment Notes and a Liquidity Event of Default shall have occurred and is continuing under such Liquidity Facility or (y) a Final Drawing shall have occurred under such Liquidity Facility or an Interest Drawing for such Liquidity Facility shall have been converted into a Final Drawing, the Subordination Agent to replenish the Cash Collateral Account with respect to such Liquidity Facility up to the Required Amount for the related Class of Certificates.

To the Subordination Agent, any Trustee or any Certificateholder to the extent required to pay certain fees, taxes, charges and other amounts payable.

To the Class AA Trustee (a) to the extent required to pay accrued and unpaid interest at the Stated Interest Rate on the Pool Balance of the Class AA Certificates or (b) in the case of an Equipment Note Special Payment, so long as no Indenture Default has occurred and is continuing under any Indenture, to the extent required to pay any such interest that is then due together with (without duplication) accrued and unpaid interest at the Stated Interest Rate on the outstanding principal amount of the Series AA Equipment Notes held in the Class AA Trust being redeemed, purchased or prepaid or, if an Indenture Default has occurred and is continuing, clause (a) will apply.

To the Class A Trustee (a) to the extent required to pay accrued and unpaid Class A Adjusted Interest on the Class A Certificates or (b) in the case of an Equipment Note Special Payment, so long as no Indenture Default has occurred and is continuing under any Indenture, to the extent required to pay any such Class A Adjusted Interest that is then due or, if an Indenture Default has occurred and is continuing, clause (a) will apply.

To the Class B Trustee (a) to the extent required to pay accrued and unpaid Class B Adjusted Interest on the Class B Certificates or (b) in the case of an Equipment Note Special Payment, so long as no Indenture Default has occurred and is continuing under any Indenture, to the extent required to pay any such Class B Adjusted Interest that is then due or, if an Indenture Default has occurred and is continuing, clause (a) will apply.

To the Class AA Trustee to the extent required to pay Expected Distributions on the Class AA Certificates.

To the Class A Trustee (a) to the extent required to pay accrued and unpaid interest at the Stated Interest Rate on the Pool Balance of the Class A Certificates (other than Class A Adjusted Interest paid above) or (b) in the case of an Equipment Note Special Payment, so long as no Indenture Default has occurred and is continuing under any Indenture, to the extent required to pay any such interest that is then due (other than Class A Adjusted Interest paid above) together with (without duplication) accrued and unpaid interest at the Stated Interest Rate on the outstanding principal amount of the Series A Equipment Notes held in the Class A Trust and being redeemed, purchased or prepaid or, if an Indenture Default has occurred and is continuing, clause (a) will apply.

To the Class A Trustee to the extent required to pay Expected Distributions on the Class A Certificates.

To the Class B Trustee (a) to the extent required to pay accrued and unpaid interest at the Stated Interest Rate on the Pool Balance of the Class B Certificates (other than Class B Adjusted Interest paid above) or (b) in the case of an Equipment Note Special Payment, so long as no Indenture Default has occurred and is continuing under any Indenture, to the extent required to pay any such interest that is then due (other than Class B Adjusted Interest paid above) together with (without duplication) accrued and unpaid interest at the Stated Interest Rate on the outstanding principal amount of the Series B Equipment Notes held in the Class B Trust and being redeemed, purchased or prepaid or, if an Indenture Default has occurred and is continuing, clause (a) will apply.

To the Class B Trustee to the extent required to pay Expected Distributions on the Class B Certificates.

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If any Additional Junior Certificates have been issued, the priority of distributions in the Intercreditor Agreement may be revised such that certain obligations relating to such Additional Junior Certificates may rank ahead of certain obligations with respect to the Certificates. See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates .

Section 2.4 Fraction means, with respect to any Special Distribution Date, a fraction, the numerator of which shall be the amount of principal of the applicable Series AA Equipment Notes, Series A Equipment Notes and Series B Equipment Notes being redeemed, purchased or prepaid on such Special Distribution Date, and the denominator of which shall be the aggregate unpaid principal amount of all Series AA Equipment Notes, Series A Equipment Notes and Series B Equipment Notes outstanding as of such Special Distribution Date.

Liquidity Obligations means the obligations of the Subordination Agent to reimburse or to pay the Liquidity Provider all principal, interest, fees and other amounts owing to it under each Liquidity Facility or certain other agreements.

Liquidity Expenses means the Liquidity Obligations other than any interest accrued thereon or the principal amount of any drawing under the Liquidity Facilities.

Expected Distributions means, with respect to the Certificates of any Trust on any Distribution Date (the Current Distribution Date ), the difference between:

(A) the Pool Balance of such Certificates as of the immediately preceding Distribution Date (or, if the Current Distribution Date is the first Distribution Date, the original aggregate face amount of the Certificates of such Trust), and

(B) the Pool Balance of such Certificates as of the Current Distribution Date calculated on the basis that (i) the principal of the Equipment Notes other than Performing Equipment Notes (the Non-Performing Equipment Notes ) held in such Trust has been paid in full and such payments have been distributed to the holders of such Certificates, (ii) the principal of the Performing Equipment Notes held in such Trust has been paid when due (but without giving effect to any acceleration of Performing Equipment Notes) and such payments have been distributed to the holders of such Certificates and (iii) the principal of any Equipment Notes formerly held in such Trust that have been sold pursuant to the Intercreditor Agreement has been paid in full and such payments have been distributed to the holders of such Certificates (or, if the Current Distribution Date is the first Distribution Date, occurring after the initial issuance of the Certificates of such Trust).

For purposes of calculating Expected Distributions with respect to the Certificates of any Trust, any premium paid on the Equipment Notes held in such Trust that has not been distributed to the Certificateholders of such Trust (other than such premium or a portion thereof applied to the payment of interest on the Certificates of such Trust or the reduction of the Pool Balance of such Trust) shall be added to the amount of Expected Distributions.

Class A Adjusted Interest means, as of any Distribution Date, (I) any interest described in clause (II) of this definition accruing prior to the immediately preceding Distribution Date which remains unpaid and (II) interest at the Stated Interest Rate for the Class A Certificates (x) for the number of days during the period commencing on, and including, the immediately preceding Distribution Date and ending on, but excluding, the current Distribution Date, on the Preferred A Pool Balance on such Distribution Date and (y) on the principal amount calculated pursuant to clauses (B)(i), (ii), (iii) and (iv) of the definition of Preferred A Pool Balance for each Series A Equipment Note with respect to which a disposition, distribution, sale or Deemed Disposition Event has occurred since the immediately preceding Distribution Date (but only if no such event has previously occurred with respect to such Series A Equipment Note), for each day during the period, for each such Series A Equipment Note, commencing on, and including, the

immediately preceding Distribution Date and ending on, but excluding the date of disposition, distribution, sale or Deemed Disposition Event with respect to such Series A Equipment Note, Aircraft or Collateral under (and as defined in) the related Indenture, as the case may be.

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**Preferred A Pool Balance** means, as of any date, the excess of (A) the Pool Balance of the Class A Certificates as of the immediately preceding Distribution Date (after giving effect to distributions made on such date) over (B) the sum of (i) the outstanding principal amount of each Series A Equipment Note that remains unpaid as of such date subsequent to the disposition of the Collateral under (and as defined in) the related Indenture and after giving effect to any distributions of the proceeds of such disposition applied under such Indenture to the payment of each such Series A Equipment Note, (ii) the outstanding principal amount of each Series A Equipment Note that remains unpaid as of such date subsequent to the scheduled date of mandatory redemption of such Series A Equipment Note following an Event of Loss with respect to the Aircraft which secured such Series A Equipment Note and after giving effect to the distributions of any proceeds in respect of such Event of Loss applied under such Indenture to the payment of each such Series A Equipment Note, (iii) the excess, if any, of (x) the outstanding amount of principal and interest as of the date of sale of each Series A Equipment Note previously sold over (y) the purchase price received with respect to the sale of such Series A Equipment Note (net of any applicable costs and expenses of sale) and (iv) the outstanding principal amount of any Series A Equipment Note with respect to which a Deemed Disposition Event has occurred; provided, however, that if more than one of the clauses (i), (ii), (iii) and (iv) is applicable to any one Series A Equipment Note, only the amount determined pursuant to the clause that first became applicable shall be counted with respect to such Series A Equipment Note.

**Class B Adjusted Interest** means, as of any Distribution Date, (I) any interest described in clause (II) of this definition accruing prior to the immediately preceding Distribution Date which remains unpaid and (II) interest at the Stated Interest Rate for the Class B Certificates (x) for the number of days during the period commencing on, and including, the immediately preceding Distribution Date (or, if the current Distribution Date is the first Distribution Date, the Issuance Date) and ending on, but excluding, the current Distribution Date, on the Preferred B Pool Balance on such Distribution Date and (y) on the principal amount calculated pursuant to clauses (B)(i), (ii), (iii) and (iv) of the definition of Preferred B Pool Balance for each Series B Equipment Note with respect to which a disposition, distribution, sale or Deemed Disposition Event has occurred since the immediately preceding Distribution Date (but only if no such event has previously occurred with respect to such Series B Equipment Note), for each day during the period, for each such Series B Equipment Note, commencing on, and including, the immediately preceding Distribution Date (or, if the current Distribution Date is the first Distribution Date, the Issuance Date) and ending on, but excluding the date of disposition, distribution, sale or Deemed Disposition Event with respect to such Series B Equipment Note, Aircraft or Collateral under (and as defined in) the related Indenture, as the case may be.

**Preferred B Pool Balance** means, as of any date, the excess of (A) the Pool Balance of the Class B Certificates as of the immediately preceding Distribution Date (or, if such date is on or before the first Distribution Date with respect to the Class B Certificates, the original aggregate face amount of the Class B Certificates) (after giving effect to distributions made on such date) over (B) the sum of (i) the outstanding principal amount of each Series B Equipment Note that remains unpaid as of such date subsequent to the disposition of the Collateral under (and as defined in) the related Indenture and after giving effect to any distributions of the proceeds of such disposition applied under such Indenture to the payment of each such Series B Equipment Note, (ii) the outstanding principal amount of each Series B Equipment Note that remains unpaid as of such date subsequent to the scheduled date of mandatory redemption of such Series B Equipment Note following an Event of Loss with respect to the Aircraft which secured such Series B Equipment Note and after giving effect to the distributions of any proceeds in respect of such Event of Loss applied under such Indenture to the payment of each such Series B Equipment Note, (iii) the excess, if any, of (x) the outstanding amount of principal and interest as of the date of sale of each Series B Equipment Note previously sold over (y) the purchase price received with respect to the sale of such Series B Equipment Note (net of any applicable costs and expenses of sale) and (iv) the outstanding principal amount of any Series B Equipment Note with respect to which a Deemed Disposition Event has occurred; provided, however, that if more than one of the clauses (i), (ii), (iii) and (iv) is applicable to any one Series B Equipment Note, only the amount determined pursuant to the clause that first became applicable shall be counted with respect to such Series B Equipment Note.

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**Deemed Disposition Event** means, in respect of any Equipment Note, the continuation of an Indenture Default in respect of such Equipment Note without an Actual Disposition Event occurring in respect of such Equipment Note for a period of five years from the date of the occurrence of such Indenture Default.

**Actual Disposition Event** means, in respect of any Equipment Note, (i) the disposition of the Aircraft securing such Equipment Note, (ii) the occurrence of the mandatory redemption date for such Equipment Note following an Event of Loss with respect to the Aircraft which secured such Equipment Note or (iii) the sale of such Equipment Note.

Interest Drawings under the applicable Liquidity Facility and withdrawals from the applicable Cash Collateral Account in respect of interest on the Certificates of the Class AA Trust, Class A Trust or Class B Trust, as applicable, will be distributed to the Trustee for such Trust, notwithstanding the priority of distributions set forth in the Intercreditor Agreement and otherwise described herein. All amounts on deposit in the Cash Collateral Account for any such Trust that are in excess of the Required Amount will be paid to the applicable Liquidity Provider.

## **Voting of Equipment Notes**

In the event that the Subordination Agent, as the registered holder of any Equipment Note, receives a request for its consent to any amendment, supplement, modification, consent or waiver under such Equipment Note or the related Indenture (or, if applicable, the related Participation Agreement or other related document), (i) if no Indenture Default shall have occurred and be continuing with respect to such Indenture, the Subordination Agent shall request directions from each applicable Trustee and shall vote or consent in accordance with such directions and (ii) if any Indenture Default shall have occurred and be continuing with respect to such Indenture, the Subordination Agent will exercise its voting rights as directed by the Controlling Party, subject to certain limitations; provided that no such amendment, modification, consent or waiver shall, without the consent of the Liquidity Provider and each affected Certificateholder, reduce the amount of principal or interest payable by United under any Equipment Note or change the time of payments or method of calculation of any amount under any Equipment Note. (Intercreditor Agreement, Section 9.1(b))

## **List of Certificateholders**

Upon the occurrence of an Indenture Default, the Subordination Agent shall instruct the Trustee to, and the Trustee shall, request that DTC post on its Internet bulletin board a securities position listing setting forth the names of all the parties reflected on DTC's books as holding interests in the Certificates.

## **Reports**

Promptly after the occurrence of a Triggering Event or an Indenture Default resulting from the failure of United to make payments on any Equipment Note and on every Regular Distribution Date while the Triggering Event or such Indenture Default shall be continuing, the Subordination Agent will provide to the Trustee, the Liquidity Provider, the Rating Agencies and United a statement setting forth the following information:

After a bankruptcy of United, with respect to each Aircraft, whether such Aircraft is (i) subject to the 60-day period of Section 1110 of the U.S. Bankruptcy Code, (ii) subject to an election by United under Section 1110(a) of the U.S. Bankruptcy Code, (iii) covered by an agreement contemplated by Section 1110(b) of the U.S. Bankruptcy Code or (iv) not subject to any of (i), (ii) or (iii).



To the best of the Subordination Agent's knowledge, after requesting such information from United, (i) whether the Aircraft are currently in service or parked in storage, (ii) the maintenance status of the Aircraft and (iii) the location of the Engines (as defined in the Indentures). United has agreed to provide such information upon request of the Subordination Agent, but no more frequently than every three months with respect to each Aircraft so long as it is subject to the lien of an Indenture.

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The current Pool Balance of the Certificates, the Preferred A Pool Balance, the Preferred B Pool Balance and outstanding principal amount of all Equipment Notes for all Aircraft.

The expected amount of interest which will have accrued on the Equipment Notes and on the Certificates as of the next Regular Distribution Date.

The amounts paid to each person on such Distribution Date pursuant to the Intercreditor Agreement.

Details of the amounts paid on such Distribution Date identified by reference to the relevant provision of the Intercreditor Agreement and the source of payment (by Aircraft and party).

If the Subordination Agent has made a Final Drawing under any Liquidity Facility.

The amounts currently owed to each Liquidity Provider.

The amounts drawn under each Liquidity Facility.

After a United Bankruptcy Event, any operational reports filed by United with the bankruptcy court which are available to the Subordination Agent on a non-confidential basis.

**The Subordination Agent**

Wilmington Trust, National Association will be the Subordination Agent under the Intercreditor Agreement. United and its affiliates may from time to time enter into banking and trustee relationships with the Subordination Agent and its affiliates. The Subordination Agent's address is Wilmington Trust, National Association, 1100 North Market Street, Wilmington, Delaware 19890-1605, Attention: Corporate Trust Administration.

The Subordination Agent may resign at any time, in which event a successor Subordination Agent will be appointed as provided in the Intercreditor Agreement. The Controlling Party may remove the Subordination Agent for cause as provided in the Intercreditor Agreement. In such circumstances, a successor Subordination Agent will be appointed as provided in the Intercreditor Agreement. Any resignation or removal of the Subordination Agent and appointment of a successor Subordination Agent does not become effective until acceptance of the appointment by the successor Subordination Agent. (Intercreditor Agreement, Section 8.1)

**Table of Contents****DESCRIPTION OF THE AIRCRAFT AND THE APPRAISALS****The Aircraft**

The 13 aircraft previously financed by the Series AA Equipment Notes and Series A Equipment Notes, which will also secure the Series B Equipment Notes (collectively, the Aircraft), consist of one Boeing 737-824 aircraft, three Boeing 737-924ER aircraft, two Boeing 787-9 aircraft, and seven Boeing 777-322ER aircraft delivered new to United between December 2016 and June 2017. See The Appraisals for additional information regarding the Aircraft.

***Boeing 737-824 Aircraft***

The Boeing 737-824 aircraft is a medium-range aircraft with a seating capacity of approximately 166 passengers. The engine type utilized on United's 737-824 aircraft is the CFM International, Inc. CFM56-7B27.

***Boeing 737-924ER Aircraft***

The Boeing 737-924ER aircraft is a medium-range aircraft with a seating capacity of approximately 179 passengers. The engine type utilized on United's 737-924ER aircraft is the CFM International, Inc. CFM56-7B27.

***Boeing 787-9 Aircraft***

The Boeing 787-9 aircraft is a long-range aircraft with a seating capacity of approximately 252 passengers. The engine type utilized on United's 787-9 aircraft is the General Electric GENx-1B74/75.

***Boeing 777-322ER Aircraft***

The Boeing 777-322ER aircraft is a long-range aircraft with a seating capacity between 350 to 390 passengers. The engine type utilized on United's 777-322ER aircraft is the General Electric GE90-115BL.

**The Appraisals**

The table below sets forth the appraised values of the Aircraft, as determined by Aircraft Information Services, Inc. (AISI), BK Associates, Inc. (BK) and Morten Beyer & Agnew, Inc. (MBA), independent aircraft appraisal and consulting firms (the Appraisers).

Aircraft Type	Manufacturer's			Appraiser's Valuations			Appraised Value(1)
	Registration Number	Serial Number	Delivery Month	AISI	BK	MBA	
Boeing 737-824	N77538	63694	December 2016	\$ 47,310,000	\$ 46,690,000	\$ 46,570,000	\$ 46,690,000
Boeing 737-924ER	N61898	62815	December 2016	47,910,000	51,700,000	50,540,000	50,050,000
Boeing 737-924ER	N63899	62816	December 2016	48,000,000	51,690,000	50,540,000	50,076,667
Boeing 737-924ER	N38479	62817	December 2016	48,120,000	51,560,000	50,540,000	50,073,333

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Boeing 787-9	N29968	60141	January 2017	135,100,000	148,950,000	137,910,000	137,910,000
Boeing 787-9	N15969	60142	February 2017	135,740,000	149,020,000	138,380,000	138,380,000
Boeing 777-322ER	N2737U	62647	March 2017	152,750,000	165,120,000	157,940,000	157,940,000
Boeing 777-322ER	N2140U	62651	June 2017	154,220,000	166,250,000	158,730,000	158,730,000
Boeing 777-322ER	N2639U	62650	May 2017	154,490,000	166,200,000	158,470,000	158,470,000
Boeing 777-322ER	N2341U	63721	June 2017	154,400,000	166,310,000	158,730,000	158,730,000
Boeing 777-322ER	N2142U	63722	June 2017	154,930,000	166,330,000	158,730,000	158,730,000
Boeing 777-322ER	N2243U	63723	June 2017	155,090,000	166,450,000	158,730,000	158,730,000
Boeing 777-322ER	N2644U	63724	June 2017	155,270,000	166,520,000	158,730,000	158,730,000

- (1) The appraised value of each aircraft set forth above is the lesser of the average and median values of such aircraft as appraised by the Appraisers.

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For purposes of the foregoing chart, AISI, BK and MBA were each asked to provide its opinion as to the appraised base value of each Aircraft, adjusted to take account of the current maintenance status of the Aircraft. As part of this process, all three Appraisers performed desk top appraisals without any physical inspection of the Aircraft. The appraisals are based on various assumptions and methodologies, which vary among the appraisals. The Appraisers have delivered letters summarizing their respective appraisals, copies of which are annexed to this Prospectus Supplement as Appendix II. For a discussion of the assumptions and methodologies used in each of the appraisals, reference is hereby made to such summaries.

An appraisal is only an estimate of value. It is not indicative of the price at which an Aircraft may be purchased from the manufacturer. Nor should it be relied upon as a measure of realizable value. The proceeds realized upon a sale of any Aircraft may be less than its appraised value. The value of the Aircraft in the event of the exercise of remedies under the applicable Indenture will depend on market and economic conditions, the availability of buyers, the condition of the Aircraft and other similar factors. Accordingly, there can be no assurance that the proceeds realized upon any such exercise with respect to the Equipment Notes and the Aircraft pursuant to the applicable Indenture would equal the appraised value of such Aircraft or be sufficient to satisfy in full payments due on such Equipment Notes or the Certificates. See Risk Factors Risk Factors Relating to the Class B Certificates and the Offering The Appraisals are only estimates of Aircraft value.

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**DESCRIPTION OF THE EQUIPMENT NOTES**

The following summary describes the material terms of the Equipment Notes. The summary makes use of terms defined in, and is qualified in its entirety by reference to all of the provisions of, the Equipment Notes, the Indentures, the Participation Agreements and the Note Purchase Agreement. The forms of the Equipment Notes, the Indentures and the Participation Agreements each were filed as an exhibit to a Current Report on Form 8-K filed by United with the Commission on September 29, 2016, and the Note Purchase Agreement and forms of amendments to the Indentures and Participation Agreements relating to the Series B Equipment Notes each will be so filed as an exhibit to a Current Report on Form 8-K. Except as otherwise indicated, the following summaries relate to the Equipment Notes, the Indenture and the Participation Agreement that may be applicable to each Aircraft.

**General**

On the Issuance Date, a Series B Equipment Note (the Series B Equipment Notes ) will be issued with respect to each Aircraft and purchased for the benefit of the Class B Trust. The Note Purchase Agreement provides for the relevant parties to enter into an amendment to the Participation Agreement and the Indenture relating to the issuance of Series B Equipment Notes for each Aircraft. Prior to the Issuance Date two series of Equipment Notes were issued with respect to each Aircraft (the Series AA Equipment Notes and the Series A Equipment Notes , together, the Senior Equipment Notes and, collectively with the Series B Equipment Notes, the Equipment Notes ). United may elect to issue one or more series of Additional Equipment Notes with respect to an Aircraft at any time, which will be funded from sources other than this Offering and will be subordinated in right of payment to the Equipment Notes. See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates . The Equipment Notes with respect to each Aircraft have been or, in the case of the Series B Equipment Notes, will be issued under a separate Indenture among United and Wilmington Trust, National Association, as indenture trustee thereunder (each, a Loan Trustee ).

United's obligations under the Equipment Notes will be general obligations of United.

**Subordination**

The Indentures provide for the following subordination provisions applicable to the Equipment Notes:

Series AA Equipment Notes issued in respect of an Aircraft will rank senior in right of payment to other Equipment Notes issued in respect of such Aircraft.

Series A Equipment Notes issued in respect of an Aircraft will rank junior in right of payment to the Series AA Equipment Notes issued in respect of such Aircraft and senior in right of payment to other Equipment Notes issued in respect of such Aircraft.

Series B Equipment Notes issued in respect of an Aircraft will rank junior in right of payment to the Series AA Equipment Notes and Series A Equipment Notes issued in respect of such Aircraft and senior in right of payment to other Equipment Notes issued in respect of such Aircraft.

If United elects to issue Additional Equipment Notes with respect to an Aircraft, they will be subordinated in right of payment to the Series AA, Series A Equipment Notes and Series B Equipment Notes issued with respect to such Aircraft. See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates .

**Principal and Interest Payments**

Subject to the provisions of the Intercreditor Agreement, interest paid on the Equipment Notes held in each Trust will be passed through to the Certificateholders of such Trust on the dates and at the Stated Interest Rate

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with respect to Certificates issued by such Trust until the final expected Regular Distribution Date for such Trust. Subject to the provisions of the Intercreditor Agreement, principal paid on the Equipment Notes held in each Trust will be passed through to the Certificateholders of such Trust in scheduled amounts on the dates set forth herein until the final expected Regular Distribution Date for such Trust.

Interest will be payable on the unpaid principal amount of each Equipment Note at the Stated Interest Rate applicable to such Equipment Note on April 7 and October 7 of each year, commencing on the first such date to occur after initial issuance thereof. Such interest will be computed on the basis of a 360-day year of twelve 30-day months.

Scheduled principal payments on the Series B Equipment Notes will be made on April 7 and October 7 of each year, commencing on April 7, 2018. See Description of the Certificates Pool Factors for a discussion of the scheduled payments of principal of the Equipment Notes and possible revisions thereto.

If any date scheduled for a payment of principal, premium (if any) or interest with respect to the Equipment Notes is not a Business Day, such payment will be made on the next succeeding Business Day, without any additional interest.

United is also required to pay under each Indenture such Indenture's pro rata share of:

the fees, the interest payable on drawings under each Liquidity Facility in excess of earnings on cash deposits from such drawings plus certain other amounts and certain other payments due to the Liquidity Provider under each Liquidity Facility and

compensation and certain expenses payable to the Pass Through Trustee and the Subordination Agent.

**Redemption**

If an Event of Loss occurs with respect to an Aircraft and such Aircraft is not replaced by United under the related Indenture, the Equipment Notes issued with respect to such Aircraft will be redeemed, in whole, in each case at a price equal to the aggregate unpaid principal amount thereof, together with accrued interest thereon to, but not including, the date of redemption, but without premium, on a Special Distribution Date. (Indentures, Section 2.10)

All of the Equipment Notes issued with respect to an Aircraft may be redeemed prior to maturity at any time, at the option of United, only if all outstanding Equipment Notes with respect to all other Aircraft are simultaneously redeemed. In addition, United may elect to redeem the Series A Equipment Notes or Series B Equipment Notes issued with respect to all Aircraft in connection with a refinancing of such Series. The redemption price for any optional redemption will be the unpaid principal amount of the relevant Equipment Notes, together with accrued and unpaid interest thereon to, but not including, the date of redemption, plus a Make-Whole Premium. (Indentures, Section 2.11) See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates .



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**Make-Whole Premium** means, with respect to any Equipment Note, an amount (as determined by an independent investment bank of national standing) equal to the excess, if any, of (a) the present value of the remaining scheduled payments of principal and interest to maturity of such Equipment Note computed by discounting such payments on a semiannual basis on each payment date under the applicable Indenture (assuming a 360-day year of twelve 30-day months) using a discount rate equal to the Treasury Yield plus the applicable Make-Whole Spread over (b) the outstanding principal amount of such Equipment Note plus accrued interest to the date of determination. The **Make-Whole Spread** applicable to each Series of Equipment Notes is set forth below:

	<b>Make-Whole Spread</b>
Series AA Equipment Notes	0.25%
Series A Equipment Notes	0.30%
Series B Equipment Notes	0.30%

For purposes of determining the **Make-Whole Premium**, **Treasury Yield** means, at the date of determination with respect to any Equipment Note, the interest rate (expressed as a decimal and, in the case of United States Treasury bills, converted to a bond equivalent yield) determined to be the per annum rate equal to the semiannual yield to maturity for United States Treasury securities maturing on the Average Life Date of such Equipment Note and trading in the public securities markets either as determined by interpolation between the most recent weekly average yield to maturity for two series of United States Treasury securities trading in the public securities markets, (A) one maturing as close as possible to, but earlier than, the Average Life Date of such Equipment Note and (B) the other maturing as close as possible to, but later than, the Average Life Date of such Equipment Note, in each case as published in the most recent H.15(519) or, if a weekly average yield to maturity for United States Treasury securities maturing on the Average Life Date of such Equipment Note is reported in the most recent H.15(519), such weekly average yield to maturity as published in such H.15(519). **H.15(519)** means the weekly statistical release designated as such, or any successor publication, published by the Board of Governors of the Federal Reserve System. The date of determination of a **Make-Whole Premium** shall be the third Business Day prior to the applicable payment or redemption date and the most recent **H.15(519)** means the H.15(519) published prior to the close of business on the third Business Day prior to the applicable payment or redemption date.

**Average Life Date** for any Equipment Note shall be the date which follows the time of determination by a period equal to the Remaining Weighted Average Life of such Equipment Note.

**Remaining Weighted Average Life** on a given date with respect to any Equipment Note shall be the number of days equal to the quotient obtained by dividing (a) the sum of each of the products obtained by multiplying (i) the amount of each then remaining scheduled payment of principal of such Equipment Note by (ii) the number of days from and including such determination date to but excluding the date on which such payment of principal is scheduled to be made, by (b) the then outstanding principal amount of such Equipment Note.

**Security*****Aircraft***

The Equipment Notes issued with respect to each Aircraft will be secured by a security interest in such Aircraft and each of the other Aircraft for which Equipment Notes are outstanding and an assignment to the Loan Trustee of certain of United's rights under warranties with respect to the Aircraft.

Since the Equipment Notes are cross-collateralized, any proceeds from the sale of an Aircraft securing Equipment Notes or other exercise of remedies under an Indenture with respect to such Aircraft will (subject to

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the provisions of the U.S. Bankruptcy Code) be available for application to shortfalls with respect to obligations due under the other Equipment Notes at the time such proceeds are received. In the absence of any such shortfall, excess proceeds will be held as additional collateral by the Loan Trustee under such Indenture for such other Equipment Notes. However, if an Equipment Note ceases to be held by the Subordination Agent (as a result of sale upon the exercise of remedies or otherwise), it ceases to be entitled to the benefits of cross-collateralization.

See Appendix III to this Prospectus Supplement for tables setting forth the projected loan to value ratios for each of the Aircraft.

### ***Cash***

Cash, if any, held from time to time by the Loan Trustee with respect to any Aircraft, including funds held as the result of an Event of Loss to such Aircraft, will be invested and reinvested by such Loan Trustee, at the direction of United, in investments described in the related Indenture. (Indentures, Section 6.06)

### **Limitation of Liability**

Except as otherwise provided in the Indentures, each Loan Trustee, in its individual capacity, will not be answerable or accountable under the Indentures or under the Equipment Notes under any circumstances except, among other things, for its own willful misconduct or gross negligence. (Indentures, Section 7.01)

### **Indenture Defaults, Notice and Waiver**

Events of default under each Indenture ( *Indenture Defaults* ) will include:

The failure by United to pay any amount, when due, under such Indenture or under any Equipment Note issued thereunder that continues for more than ten Business Days, in the case of principal, interest or Make-Whole Premium, and, in all other cases, ten Business Days after United receives written notice from the related Loan Trustee.

Any representation or warranty made by United in such Indenture, the related Participation Agreement or certain related documents furnished to the Loan Trustee or any holder of an Equipment Note pursuant thereto being false or incorrect in any material respect when made that continues to be material and adverse to the interests of the Loan Trustee or Note Holders and remains unremedied after notice and specified cure periods.

Failure by United to perform or observe any covenant or obligation for the benefit of the Loan Trustee or holders of Equipment Notes under such Indenture or certain related documents that continues after notice and specified cure periods.

The lapse or cancellation of insurance required under such Indenture.

The occurrence of an Indenture Default under any other Indenture.

The occurrence of certain events of bankruptcy, reorganization or insolvency of United. (Indentures, Section 5.01)

The holders of a majority in principal amount of the outstanding Equipment Notes issued with respect to any Aircraft, by notice to the Loan Trustee, may on behalf of all the holders waive any existing default and its consequences under the Indenture with respect to such Aircraft, except a default in the payment of the principal of, or premium or interest on any such Equipment Notes or a default in respect of any covenant or provision of such Indenture that cannot be modified or amended without the consent of each holder of Equipment Notes. (Indentures, Section 5.06) See

Description of the Intercreditor Agreement Voting of Equipment Notes regarding the persons entitled to direct the vote of Equipment Notes.

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**Table of Contents****Remedies**

If an Indenture Default (other than certain events of bankruptcy, reorganization or insolvency) occurs and is continuing under an Indenture, the related Loan Trustee or the holders of a majority in principal amount of the Equipment Notes outstanding under such Indenture may declare the principal of all such Equipment Notes issued thereunder immediately due and payable, together with all accrued but unpaid interest thereon. If certain events of bankruptcy, reorganization or insolvency occur with respect to United, such amounts shall be due and payable without any declaration or other act on the part of the related Loan Trustee or holders of Equipment Notes. The holders of a majority in principal amount of Equipment Notes outstanding under an Indenture may rescind any declaration of acceleration of such Equipment Notes at any time before the judgment or decree for the payment of the money so due shall be entered if (i) there has been paid to the related Loan Trustee an amount sufficient to pay all principal, interest and premium, if any, on any such Equipment Notes, to the extent such amounts have become due otherwise than by such declaration of acceleration and (ii) all other Indenture Defaults and incipient Indenture Defaults with respect to any covenant or provision of such Indenture have been cured. (Indentures, Section 5.02(b))

Each Indenture provides that if an Indenture Default under such Indenture has occurred and is continuing, the related Loan Trustee may exercise certain rights or remedies available to it under such Indenture or under applicable law.

In the case of Chapter 11 bankruptcy proceedings in which an air carrier is a debtor, Section 1110 of the U.S. Bankruptcy Code ( Section 1110 ) provides special rights to holders of security interests with respect to equipment (defined as described below). Under Section 1110, the right of such holders to take possession of such equipment in compliance with the provisions of a security agreement is not affected by any provision of the U.S. Bankruptcy Code or any power of the bankruptcy court. Such right to take possession may not be exercised for 60 days following the date of commencement of the reorganization proceedings. Thereafter, such right to take possession may be exercised during such proceedings unless, within the 60-day period or any longer period consented to by the relevant parties, the debtor agrees to perform its future obligations and cures all existing and future defaults on a timely basis. Defaults resulting solely from the financial condition, bankruptcy, insolvency or reorganization of the debtor need not be cured.

Equipment is defined in Section 1110, in part, as an aircraft, aircraft engine, propeller, appliance, or spare part (as defined in Section 40102 of Title 49 of the U.S. Code) that is subject to a security interest granted by, leased to, or conditionally sold to a debtor that, at the time such transaction is entered into, holds an air carrier operating certificate issued pursuant to chapter 447 of Title 49 of the U.S. Code for aircraft capable of carrying ten or more individuals or 6,000 pounds or more of cargo. Rights under Section 1110 are subject to certain limitations in the case of equipment first placed in service on or prior to October 22, 1994.

It is a condition to the Class B Trustee's obligation to purchase Series B Equipment Notes with respect to each Aircraft that outside counsel to United, which is expected to be Hughes Hubbard & Reed LLP, provide its opinion to the Class B Trustee that the Loan Trustees will be entitled to the benefits of Section 1110 with respect to the airframe and engines comprising such Aircraft, assuming that, at the time of such transaction, United holds an air carrier operating certificate issued pursuant to chapter 447 of Title 49 of the U.S. Code for aircraft capable of carrying ten or more individuals or 6,000 pounds or more of cargo. For a description of certain limitations on the Loan Trustee's exercise of rights contained in the Indenture, see Indenture Defaults, Notice and Waiver .

The opinion of Hughes Hubbard & Reed LLP will not address the possible replacement of an Aircraft after an Event of Loss in the future, the consummation of which is conditioned upon the contemporaneous delivery of an opinion of counsel to the effect that the related Loan Trustee will be entitled to Section 1110 benefits with respect to such replacement unless there is a change in law or court interpretation that results in Section 1110 not being available. See Certain Provisions of the Indentures Events of Loss . The opinion of Hughes Hubbard & Reed LLP will also not

address the availability of Section 1110 with respect to any possible lessee of an Aircraft if it is leased by United.

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If an Indenture Default under any Indenture occurs and is continuing, any sums held or received by the related Loan Trustee may be applied to reimburse such Loan Trustee for any tax, expense or other loss incurred by it and to pay any other amounts due to such Loan Trustee prior to any payments to holders of the Equipment Notes issued under such Indenture. (Indentures, Section 3.03)

## **Modification of Indentures**

Without the consent of holders of a majority in principal amount of the Equipment Notes outstanding under any Indenture, the provisions of such Indenture and the related Participation Agreement may not be amended or modified, except to the extent indicated below.

Without the consent of the Liquidity Provider and the holder of each Equipment Note outstanding under any Indenture affected thereby, no amendment or modification of such Indenture may among other things (a) reduce the principal amount of, or premium, if any, or interest payable on, any Equipment Notes issued under such Indenture or change the date on which any principal, premium, if any, or interest is due and payable, (b) permit the creation of any security interest with respect to the property subject to the lien of such Indenture, except as provided in such Indenture, or deprive any holder of an Equipment Note issued under such Indenture of the benefit of the lien of such Indenture upon the property subject thereto or (c) modify the percentage of holders of Equipment Notes issued under such Indenture required to take or approve any action under such Indenture. (Indentures, Section 10.01(a))

Any Indenture may be amended without the consent of the holders of Equipment Notes to, among other things, cure any defect or inconsistency in such Indenture or the Equipment Notes issued thereunder (provided that such change does not adversely affect the interests of any such holder) or provide for the re-issuance thereunder of Series A Equipment Notes or Series B Equipment Notes or the issuance or successive repayment and issuance from time to time thereunder of one or more series of Additional Equipment Notes (and the re-issuance of Series A Equipment Notes or Series B Equipment Notes or issuance of one or more series of Additional Equipment Notes under other Indentures) and any related credit support arrangements. See Possible Issuance of Additional Junior Certificates and Refinancing of Certificates . (Indentures, Section 10.01(b))

## **Indemnification**

United will be required to indemnify each Loan Trustee, each Liquidity Provider, the Subordination Agent, and each Trustee, but not the holders of Certificates, for certain losses, claims and other matters.

## **Certain Provisions of the Indentures**

### ***Maintenance***

United is obligated under each Indenture, among other things and at its expense, to keep each Aircraft duly registered and insured, and to maintain, service, repair and overhaul the Aircraft so as to keep it in as good an operating condition as when delivered to United, ordinary wear and tear excepted, and in such condition as required to maintain the airworthiness certificate for the Aircraft in good standing at all times. (Indentures, Section 4.02)

### ***Possession, Lease and Transfer***

Each Aircraft may be operated by United or, subject to certain restrictions, by certain other persons. Normal interchange agreements with respect to the Airframe and normal interchange, pooling and borrowing agreements with respect to any Engine, in each case customary in the commercial airline industry, are permitted. Leases are also

permitted to U.S. air carriers and foreign air carriers that have their principal executive office in certain specified countries, subject to a reasonably satisfactory legal opinion that, among other things, such country

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would recognize the Loan Trustee's security interest in respect of the applicable Aircraft. In addition, a lessee may not be subject to insolvency or similar proceedings at the commencement of such lease. (Indentures, Section 4.02) Permitted foreign air carriers are not limited to those based in a country that is a party to the Convention on the International Recognition of Rights in Aircraft (Geneva 1948) (the Convention) or the Cape Town Treaty. It is uncertain to what extent the relevant Loan Trustee's security interest would be recognized if an Aircraft is registered or located in a jurisdiction not a party to the Convention or the Cape Town Treaty. Moreover, in the case of an Indenture Default, the ability of the related Loan Trustee to realize upon its security interest in an Aircraft could be adversely affected as a legal or practical matter if such Aircraft were registered or located outside the United States.

***Registration***

United is required to keep each Aircraft duly registered under the Transportation Code with the FAA and to record each Indenture and certain other documents under the Transportation Code. In addition, United is required to register the international interests created pursuant to the Indenture under the Cape Town Treaty. (Indentures, Section 4.02(e)) Such recordation of the Indenture and certain other documents with respect to each Aircraft will give the relevant Loan Trustee a first-priority, perfected security interest in such Aircraft under U.S. law. If such Aircraft is located outside the United States, under U.S. law the effect of such perfection and the priority of such security interest will be governed by the law of the jurisdiction where such Aircraft is located. The Convention provides that such security interest will be recognized, with certain limited exceptions, in those jurisdictions that have ratified or adhere to the Convention. The Cape Town Treaty provides that a registered international interest has priority over a subsequently registered interest and over an unregistered interest for purposes of the law of those jurisdictions that have ratified the Cape Town Treaty. There are many jurisdictions in the world that have not ratified either the Convention or the Cape Town Treaty, and the Aircraft may be located in any such jurisdiction from time to time.

So long as no Indenture Default exists, United has the right to register any Aircraft in a country other than the United States at its own expense in connection with a permitted lease of the Aircraft to a permitted foreign air carrier, subject to certain conditions set forth in the related Indenture. These conditions include a requirement that an opinion of counsel be provided that the lien of the applicable Indenture will continue as a first priority security interest in the applicable Aircraft. (Indentures, Section 4.02(e)).

***Liens***

United is required to maintain each Aircraft free of any liens, other than the rights of the relevant Loan Trustee, the holders of the Equipment Notes and United arising under the applicable Indenture or the other operative documents related thereto, and other than certain limited liens permitted under such documents, including but not limited to (i) liens for taxes either not yet due or being contested in good faith by appropriate proceedings; (ii) materialmen's, mechanics' and other similar liens arising in the ordinary course of business and securing obligations that either are not yet delinquent for more than 60 days or are being contested in good faith by appropriate proceedings; (iii) judgment liens so long as such judgment is discharged or vacated within 60 days or the execution of such judgment is stayed pending appeal or discharged, vacated or reversed within 60 days after expiration of such stay; and (iv) any other lien as to which United has provided a bond or other security adequate in the reasonable opinion of the Loan Trustee; provided that in the case of each of the liens described in the foregoing clauses (i), (ii) and (iii), such liens and proceedings do not involve any material risk of the sale, forfeiture or loss of such Aircraft or the interest of the Loan Trustee therein or impair the lien of the relevant Indenture. (Indentures, Section 4.01)

***Replacement of Parts; Alterations***

United is obligated to replace all parts at its expense that may from time to time be incorporated or installed in or attached to any Aircraft and that may become lost, damaged beyond repair, worn out, stolen, seized,

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confiscated or rendered permanently unfit for use. United or any permitted lessee has the right, at its own expense, to make such alterations, modifications and additions with respect to each Aircraft as it deems desirable in the proper conduct of its business and to remove parts which it deems to be obsolete or no longer suitable or appropriate for use, so long as such alteration, modification, addition or removal does not materially diminish the fair market value, utility, condition or useful life of the related Aircraft or Engine or invalidate the Aircraft's airworthiness certificate. United or any permitted lessee may remove any part from an Aircraft without replacing it if such part is in addition to (and not in replacement of) any part originally incorporated in an Aircraft at the time of delivery under the Indenture, is not required to be incorporated in the Aircraft under applicable law, regulatory mandate or other obligation and may be removed without materially diminishing the fair market value, utility or remaining useful life of such Aircraft (assuming such part had not been incorporated in such Aircraft). (Indentures, Section 4.04(d))

***Insurance***

United is required to maintain, at its expense (or at the expense of a permitted lessee), all-risk aircraft hull insurance covering each Aircraft, at all times in an amount not less than the unpaid principal amount of the Equipment Notes relating to such Aircraft together with six months of interest accrued thereon (the Debt Balance). However, after giving effect to self-insurance permitted as described below, the amount payable under such insurance may be less than such amounts payable with respect to the Equipment Notes. In the event of a loss involving insurance proceeds in excess of \$8,000,000 per occurrence in the case of a Boeing 737-824 Aircraft, \$8,000,000 per occurrence in the case of a Boeing 737-924ER Aircraft, \$18,000,000 per occurrence in the case of a Boeing 787-9 Aircraft and \$18,000,000 per occurrence in the case of a Boeing 777-322ER Aircraft, such proceeds up to the Debt Balance of the relevant Aircraft will be payable to the applicable Loan Trustee, for so long as the relevant Indenture shall be in effect. In the event of a loss involving insurance proceeds of up to the amount per occurrence set forth in the preceding sentence with respect to the relevant model of Aircraft, such proceeds will be payable directly to United so long as no Indenture Default exists under the related Indenture. So long as the loss does not constitute an Event of Loss, insurance proceeds will be applied to repair or replace the property. (Indentures, Section 4.06 and Annex B)

In addition, United is obligated to maintain commercial airline liability insurance at its expense (or at the expense of a permitted lessee), including, without limitation, passenger liability, baggage liability, cargo and mail liability, hangarkeeper's liability and contractual liability insurance with respect to each Aircraft. Such liability insurance must be underwritten by insurers of nationally or internationally recognized responsibility. The amount of such liability insurance coverage per occurrence may not be less than the amount of commercial airline liability insurance from time to time applicable to aircraft owned or leased and operated by United (or a permitted lessee) of the same type and operating on similar routes as such Aircraft. (Indentures, Section 4.06 and Annex B)

United is also required to maintain war risk, hijacking and allied perils insurance if it (or any permitted lessee) operates any Aircraft, Airframe or Engine in any area of recognized hostilities or if United (or any permitted lessee) maintains such insurance with respect to other aircraft operated on the same international routes or areas on or in which the Aircraft is operated. (Indentures, Section 4.06 and Annex B)

United (or a permitted lessee) may self-insure under a program applicable to all aircraft in its fleet, but the amount of such self-insurance in the aggregate may not exceed 100% of the largest replacement value of any single aircraft in United's fleet or 1/2% of the average aggregate insurable value (during the preceding policy year) of all aircraft on which United carries insurance, whichever is less, unless an insurance broker of national standing shall certify that the standard among all other major U.S. airlines is a higher level of self-insurance, in which case United may self-insure the Aircraft to such higher level. In addition, United (or a permitted lessee) may self-insure to the extent of any applicable deductible per Aircraft that does not exceed industry standards for major U.S. airlines. (Indentures, Section 4.06 and Annex B)

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In respect of each Aircraft, United is required to name as additional insured parties the Loan Trustees, the holders of the Equipment Notes and the Liquidity Provider under all liability insurance policies required with respect to such Aircraft. In addition, the insurance policies will be required to provide that, in respect of the interests of such additional insured persons, the insurance shall not be invalidated or impaired by any act or omission of United, any permitted lessee or any other person. (Indentures, Section 4.06 and Annex B)

### ***Events of Loss***

If an Event of Loss occurs with respect to the Airframe or the Airframe and Engines of an Aircraft, United must elect within 45 days after such occurrence either to make payment with respect to such Event of Loss or to replace such Airframe and any such Engines. Not later than the first Business Day following the earlier of (i) the 120th day following the date of occurrence of such Event of Loss, and (ii) the fourth Business Day following the receipt of the insurance proceeds in respect of such Event of Loss, United must either (i) pay to the Loan Trustee the outstanding principal amount of the Equipment Notes, together with certain additional amounts, but, in any case, without any Make-Whole Premium or (ii) unless an Indenture Default or failure to pay principal or interest under the Indenture or certain bankruptcy defaults shall have occurred and is continuing, substitute an airframe (or airframe and one or more engines, as the case may be) for the Airframe, or Airframe and Engine(s), that suffered such Event of Loss. (Indentures, Sections 2.10 and 4.05(a))

If United elects to replace an Airframe (or Airframe and one or more Engines, as the case may be) that suffered such Event of Loss, it shall subject such an airframe (or airframe and one or more engines) to the lien of the Indenture, and such replacement airframe or airframe and engines must be the same model as the Airframe or Airframe and Engines to be replaced or an improved model, with a value, utility and remaining useful life (without regard to hours or cycles remaining until the next regular maintenance check) at least equal to the Airframe or Airframe and Engines to be replaced, assuming that such Airframe and such Engines had been maintained in accordance with the related Indenture. United is also required to provide to the relevant Loan Trustee reasonably acceptable opinions of counsel to the effect, among other things, that (i) certain specified documents have been duly filed under the Transportation Code and (ii) such Loan Trustee will be entitled to receive the benefits of Section 1110 of the U.S. Bankruptcy Code with respect to any such replacement airframe (unless, as a result of a change in law or court interpretation, such benefits are not then available). (Indentures, Section 4.05(c))

If United elects not to replace such Airframe, or Airframe and Engine(s), then upon payment of the outstanding principal amount of the Equipment Notes issued with respect to such Aircraft, together with accrued and unpaid interest thereon and all additional amounts then due and unpaid with respect to such Aircraft, the lien of the Indenture shall terminate with respect to such Aircraft, and the obligation of United thereafter to make interest and principal payments with respect thereto shall cease. (Indentures, Sections 2.10, 3.02 and 4.05(a)(ii))

If an Event of Loss occurs with respect to an Engine alone, United will be required to replace such Engine within 60 days after the occurrence of such Event of Loss with another engine, free and clear of all liens (other than certain permitted liens). Such replacement engine shall be the same make and model as the Engine to be replaced, or an improved model, suitable for installation and use on the Airframe, and having a value, utility and remaining useful life (without regard to hours or cycles remaining until overhaul) at least equal to the Engine to be replaced, assuming that such Engine had been maintained in accordance with the relevant Indenture. (Indentures, Section 4.05)

An Event of Loss with respect to an Aircraft, Airframe or any Engine means any of the following events with respect to such property:

The destruction of such property, damage to such property beyond economic repair or rendition of such property permanently unfit for normal use.

The actual or constructive total loss of such property or any damage to such property or requisition of title or use of such property which results in an insurance settlement with respect to such property on the basis of a total loss or a constructive or compromised total loss.

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Any theft, hijacking or disappearance of such property for a period of 180 consecutive days or more.

Any seizure, condemnation, confiscation, taking or requisition of title to such property by any governmental entity or purported governmental entity (other than a U.S. government entity) for a period exceeding 180 consecutive days.

As a result of any law, rule, regulation, order or other action by the FAA or any governmental entity, the use of such property in the normal course of United's business of passenger air transportation is prohibited for 180 consecutive days, unless United, prior to the expiration of such 180-day period, shall have undertaken and shall be diligently carrying forward steps which are necessary or desirable to permit the normal use of such property by United, but in any event if such use shall have been prohibited for a period of two consecutive years, provided that no Event of Loss shall be deemed to have occurred if such prohibition has been applicable to United's entire U.S. registered fleet of similar property and United, prior to the expiration of such two-year period, shall have conformed at least one unit of such property in its fleet to the requirements of any such law, rule, regulation, order or other action and commenced regular commercial use of the same and shall be diligently carrying forward, in a manner which does not discriminate against applicable property in so conforming such property, steps which are necessary or desirable to permit the normal use of such property by United, but in any event if such use shall have been prohibited for a period of three years.

With respect to any Engine, any divestiture of title to such Engine in connection with pooling or certain other arrangements shall be treated as an Event of Loss. (Indentures, Annex A)

**Table of Contents****POSSIBLE ISSUANCE OF ADDITIONAL JUNIOR CERTIFICATES AND REFINANCING OF CERTIFICATES****Issuance of Additional Junior Certificates**

United may elect to issue one or more additional series of equipment notes (each, a series of Additional Equipment Notes ) with respect to any Aircraft at any time, each of which will be funded from sources other than this offering (this Offering ) but will be issued under the same Indenture as the Equipment Notes for such Aircraft. Any Additional Equipment Note issued under an Indenture will be subordinated in right of payment to the Series AA Equipment Notes, Series A Equipment Notes and Series B Equipment Notes issued under such Indenture and may also be subordinated in right of payment to other Additional Equipment Notes that rank senior in right of payment to such Additional Equipment Notes. United will fund the sale of any series of Additional Equipment Notes through the sale of related pass through certificates (the Additional Junior Certificates ) issued by a single related United Airlines pass through trust (each such trust, an Additional Trust ).

The trustee of, and the liquidity provider (if any) for, any Additional Trust (each, an Additional Trustee ) will become a party to the Intercreditor Agreement. The Intercreditor Agreement will be amended by written agreement of United and the Subordination Agent to provide for the subordination of the Additional Junior Certificates to the Administration Expenses, the Liquidity Obligations, the Class AA Certificates, Class A Certificates, Class B Certificates and, if applicable, any other Additional Junior Certificates that rank senior in right of payment to such Additional Junior Certificates. The priority of distributions under the Intercreditor Agreement may be revised, however, to provide for distribution of Adjusted Interest with respect to each issued class of Additional Junior Certificates (calculated in a manner substantially similar to the calculation of Class A Adjusted Interest but with respect to the applicable class of Additional Junior Certificates) after Class A Adjusted Interest and Class B Adjusted Interest, but before Expected Distributions on the Class AA Certificates.

The holders of Additional Junior Certificates will have the right to purchase all of the Class AA Certificates, Class A Certificates, Class B Certificates and, if applicable, a previously issued or concurrently issued Class of Additional Junior Certificates that ranks senior to such Class with the purchase right under certain circumstances after a bankruptcy of United. See Description of the Certificates Purchase Rights of Certificateholders . In addition, the applicable Additional Trustee may be the Controlling Party upon payment of Final Distributions to the holders of the Class A Certificates and Class B Certificates, subject to the rights of the Liquidity Provider to be the Controlling Party under certain circumstances. See Description of the Intercreditor Agreement Intercreditor Rights .

Any such issuance of Additional Equipment Notes and Additional Junior Certificates, and any such amendment of the Intercreditor Agreement (and any amendment of an Indenture in connection with such issuance) are contingent upon receipt of written confirmation from each nationally recognized rating agency which shall have been requested to rate the Certificates and which shall then be rating the Certificates (the Rating Agencies ) that such actions will not result in a withdrawal, suspension or downgrading of the rating of any Class of Certificates. The issuance of Additional Equipment Notes and Additional Certificates in compliance with the foregoing conditions will not require the consent of any Trustee or any holders of any class of Certificates.

**Refinancing of Certificates**

United may elect to repay (either pursuant to a redemption or at Final Maturity) and at such time or subsequently re-issue Series A Equipment Notes or Series B Equipment Notes (or any series of Additional Equipment Notes if so provided under the terms thereof) (any such re-issued equipment notes, the Refinancing Equipment Notes ) in respect of all (but not less than all) of the Aircraft secured by such refinanced notes at any time after the Issuance Date.



Refinancing Equipment Notes may have the same series designation as, and the same or differing terms as, the corresponding repaid Equipment Notes. In such case, United will fund the sale of

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such Refinancing Equipment Notes through the sale of pass through certificates (any such certificates, the Refinancing Certificates ) issued by a United Airlines pass through trust (any such trust, the Refinancing Trust ).

The trustee of each Refinancing Trust will become a party to the Intercreditor Agreement and the Intercreditor Agreement will be amended by written agreement of United and the Subordination Agent to provide for the subordination of the Refinancing Certificates to the Administration Expenses, the Liquidity Obligations and the Class AA Certificates and each other class of Certificates that ranks senior in right of payment to such Refinancing Certificates, in the same manner that the corresponding Class of refinanced Certificates were subordinated. Any such issuance of Refinancing Equipment Notes and Refinancing Certificates, and any such amendment of the Intercreditor Agreement (and any amendment of an Indenture in connection with such re-issuance), are contingent upon each Rating Agency providing written confirmation that such actions will not result in a withdrawal, suspension or downgrading of the rating of any Class of Certificates that remains outstanding. The issuance of Refinancing Certificates in compliance with the foregoing conditions will not require the consent of any Trustees or any holders of any class of Certificates.

## **Additional Liquidity Facilities**

Refinancing Certificates in respect of refinanced Class A Certificates or Class B Certificates may have the benefit of credit support similar to the Liquidity Facility for the Class A Trust or Class B Trust or different therefrom and claims for fees, interest, expenses, reimbursement of advances and other obligations arising from such credit support may rank equally with similar claims in respect of the Liquidity Facilities, so long as the prior written consent of the Class AA Liquidity Provider shall have been obtained and each Rating Agency shall have provided written confirmation to the effect that such actions will not result in a withdrawal, suspension, or downgrading of the rating of any class of Certificates then rated by such Rating Agency and that remains outstanding.

Additional Junior Certificates that are subordinate to the Class B Certificates and Refinancing Certificates in respect of such refinanced Additional Certificates may have the benefit of credit support similar to the Liquidity Facilities or different therefrom (*provided* that claims for fees, interest, expenses, reimbursement of advances and other obligations arising from such credit support shall be subordinated to the Administration Expenses, the Liquidity Obligations, the Class AA Certificates, the Class A Certificates, the Class B Certificates and any Additional Certificates that rank senior in right of payment to the applicable Additional Certificates or Refinancing Certificates), so long as each Rating Agency shall have provided written confirmation to the effect that such actions will not result in a withdrawal, suspension, or downgrading of the rating of any class of Certificates then rated by such Rating Agency and that remains outstanding.

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**Table of Contents****CERTAIN U.S. FEDERAL TAX CONSEQUENCES****General**

The following summary describes all material generally applicable U.S. federal income tax consequences, as well as certain Medicare tax considerations, to Class B Certificateholders of the purchase, ownership and disposition of the Class B Certificates. Except as otherwise specified, the summary is addressed to beneficial owners of Class B Certificates that are (i) citizens or residents of the United States, (ii) corporations created or organized in or under the laws of the United States or any state therein or the District of Columbia, (iii) estates the income of which is subject to U.S. federal income taxation regardless of its source, or (iv) trusts that (1) meet the following two tests: (a) a U.S. court is able to exercise primary supervision over the administration of the trust and (b) one or more U.S. fiduciaries have the authority to control all substantial decisions of the trust or (2) were in existence on August 20, 1996 and treated as U.S. persons and have validly elected to continue to be so treated ( U.S. Persons ) that will hold the Class B Certificates as capital assets ( U.S. Class B Certificateholders ). This summary does not address the tax treatment of U.S. Class B Certificateholders that may be subject to special tax rules, such as banks, insurance companies, dealers in securities or commodities, partnerships, holders subject to the mark-to-market rules, tax-exempt entities, holders that will hold Class B Certificates as part of a straddle or holders that have a functional currency other than the U.S. Dollar, nor, except as otherwise specified, does it address the tax treatment of U.S. Class B Certificateholders that do not acquire Class B Certificates at the public offering price as part of the initial offering. The summary does not purport to be a comprehensive description of all of the tax considerations that may be relevant to a decision to purchase Class B Certificates. This summary does not describe any tax consequences arising under the laws of any state, locality or taxing jurisdiction other than the United States.

The summary is based upon the tax laws and practice of the United States as in effect on the date of this Prospectus Supplement, as well as judicial and administrative interpretations thereof (in final or proposed form) available on or before such date. All of the foregoing are subject to change, which change could apply retroactively. We have not sought any ruling from the U.S. Internal Revenue Service (the IRS ) with respect to the tax consequences described below, and we cannot assure you that the IRS will not take contrary positions. The Class B Trust is not indemnified for any U.S. federal income taxes that may be imposed upon it, and the imposition of any such taxes on the Class B Trust could result in a reduction in the amounts available for distribution to the Class B Certificateholders of the Class B Trust. Prospective investors should consult their own tax advisors with respect to the federal, state, local and foreign tax consequences to them of the purchase, ownership and disposition of the Class B Certificates.

**Tax Status of the Class B Trust**

Although there is no authority addressing the characterization of entities that are similar to the Class B Trust in all material respects, United believes that the Class B Trust will be classified as a grantor trust.

**Taxation of Certificateholders Generally**

Assuming that the Class B Trust is classified as a grantor trust, a U.S. Class B Certificateholder will be treated as owning its pro rata undivided interest in each of the Series B Equipment Notes and any other property held by the Class B Trust. Accordingly, each U.S. Class B Certificateholder's share of interest paid on the Series B Equipment Notes will be taxable as ordinary income, as it is paid or accrued, in accordance with such U.S. Class B Certificateholder's method of accounting for U.S. federal income tax purposes, and a U.S. Class B Certificateholder's share of premium, if any, paid on redemption of a Series B Equipment Note will be treated as capital gain. Any amounts received by a Class B Trust under the Liquidity Facility in order to make interest payments will be treated for U.S. federal income tax purposes as having the same characteristics as the payments they replace.

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In the case of a subsequent purchaser of a Class B Certificate, the purchase price for the Class B Certificate should be allocated among the Series B Equipment Notes and any other assets held by the Class B Trust in accordance with their relative fair market values at the time of purchase.

A U.S. Class B Certificateholder who is treated as purchasing an interest in a Series B Equipment Note at a market discount (generally, at a cost less than its remaining principal amount) that exceeds a statutorily defined de minimis amount will be subject to the market discount rules of the Code. These rules provide, in part, that gain on the sale or other disposition of a debt instrument with a term of more than one year and partial principal payments (including partial redemptions) on such a debt instrument are treated as ordinary income to the extent of accrued but unrecognized market discount. The market discount rules also provide for deferral of interest deductions with respect to debt incurred or continued to purchase or carry a debt instrument that has market discount. A U.S. Class B Certificateholder who purchases an interest in an Equipment Note at a premium may elect to amortize the premium as an offset to interest income on the Equipment Note under rules prescribed by the Code and Treasury regulations promulgated under the Code.

Each U.S. Class B Certificateholder will be entitled to deduct, consistent with its method of accounting, its pro rata share of fees and expenses paid or incurred by the Class B Trust as provided in Section 162 or 212 of the Code. Certain fees and expenses, including fees paid to the Class B Trustee and the applicable Liquidity Provider, will be borne by parties other than the Class B Certificateholders. It is possible that payments related to such fees and expenses will be treated as constructively received by the Class B Trust, in which event a U.S. Class B Certificateholder will be required to include in income and will be entitled to deduct its pro rata share of such fees and expenses. If a U.S. Class B Certificateholder is an individual, estate or trust, the deduction for such holder's share of such fees or expenses will be allowed only to the extent that all of such holder's miscellaneous itemized deductions, including such holder's share of such fees and expenses, exceed 2% of such holder's adjusted gross income. In addition, in the case of U.S. Class B Certificateholders who are individuals, certain otherwise allowable itemized deductions will be subject generally to additional limitations on itemized deductions under applicable provisions of the Code.

**Effect of Reallocation of Payments under the Intercreditor Agreement**

In the event that the Class B Trust receives less than the full amount of the interest, principal or premium paid with respect to the Series B Equipment Notes held by it because of the subordination of the Class B Trust under the Intercreditor Agreement, the owners of beneficial interests in the Class B Certificates would probably be treated for federal income tax purposes as if they had:

received as distributions their full share of interest, principal or premium;

paid over to the holders of Class AA Certificates or Class A Certificates an amount equal to their share of the amount of the shortfall; and

retained the right to reimbursement of the amount of the shortfall to the extent of future amounts payable to them on account of the shortfall.

Under this analysis:

Class B Certificateholders incurring a shortfall would be required to include as current income any interest or other income of the Class B Trust that was a component of the shortfall, even though that amount was in fact paid to the holders of Class AA Certificates or Class A Certificates;

a loss would only be allowed to Class B Certificateholders when their right to receive reimbursement of the shortfall becomes worthless; that is, when it becomes clear that funds will not be available from any source to reimburse the shortfall; and

reimbursement of the shortfall before a claim of worthlessness would not be taxable income to the Class B Certificateholders because the amount reimbursed would have been previously included in income.

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These results should not significantly affect the inclusion of income for Class B Certificateholders on the accrual method of accounting, but could accelerate inclusion of income to Class B Certificateholders on the cash method of accounting by, in effect, placing them on the accrual method.

### **Sale or Other Disposition of the Class B Certificates**

Upon the sale, exchange or other disposition of a Class B Certificate, a U.S. Class B Certificateholder generally will recognize capital gain or loss (subject to the possible recognition of ordinary income under the market discount rules) equal to the difference between the amount realized on the disposition (other than any amount attributable to accrued interest which will be taxable as ordinary income) and the U.S. Class B Certificateholder's adjusted tax basis in the Series B Equipment Notes and any other property held by the Class B Trust. Any such gain or loss will be long-term capital gain or loss to the extent attributable to property held by the Class B Trust for more than one year. In the case of individuals, estates and trusts, the maximum rate of tax on net long-term capital gains generally is 20%.

### **3.8% Medicare Tax on Net Investment Income**

U.S. Class B Certificateholders that are individuals, estates, and certain trusts are subject to an additional 3.8% tax on all or a portion of their net investment income, which may include the interest payments and any gain realized with respect to the Series B Equipment Notes, to the extent of their net investment income that, when added to their other modified adjusted gross income, exceeds \$200,000 for an unmarried individual, estate or trust, \$250,000 for a married taxpayer filing a joint return (or a surviving spouse), or \$125,000 for a married individual filing a separate return. U.S. Class B Certificateholders should consult their advisors with respect to the 3.8% Medicare tax.

### **Foreign Class B Certificateholders**

Subject to the discussion of FATCA and backup withholding below, payments of principal, interest and premium on the Series B Equipment Notes to, or on behalf of, any beneficial owner of a Class B Certificate that is for U.S. federal income tax purposes a nonresident alien (other than certain former United States citizens or residents), foreign corporation, foreign trust, or foreign estate (a non-U.S. Class B Certificateholder) will not be subject to U.S. federal withholding tax provided that:

the non-U.S. Class B Certificateholder does not actually or constructively own 10% or more of the total combined voting power of all classes of stock of United;

the non-U.S. Class B Certificateholder is not a bank receiving interest pursuant to a loan agreement entered into in the ordinary course of its trade or business, or a controlled foreign corporation for U.S. tax purposes that is related to United; and

certain certification requirements (including identification of the beneficial owner of the Class B Certificate) are complied with.

Subject to the discussion of FATCA and backup withholding below, any capital gain (not including any amount treated as interest) realized upon the sale, exchange, retirement or other disposition of a Class B Certificate or upon receipt of premium paid on an Equipment Note by a non-U.S. Class B Certificateholder will not be subject to U.S. federal income or withholding taxes if (i) such gain is not effectively connected with a U.S. trade or business of the

holder and (ii) in the case of an individual, such holder is not present in the United States for 183 days or more in the taxable year of the sale, exchange, retirement or other disposition or receipt.

Sections 1471 through 1474 of the Code ( FATCA ) generally impose a withholding tax of 30% on U.S. sourced interest paid on, and the gross proceeds of a disposition of, debt obligations paid to (i) a foreign financial institution, as defined for purposes of FATCA (whether as a beneficial owner or an intermediary), unless (a) such

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institution enters into an agreement with the United States government to collect and provide to the United States tax authorities substantial information regarding United States account holders of such institution (which would include certain equity and debt holders of such institution, as well as certain account holders that are foreign entities with United States owners), (b) such institution is resident in a country that has entered into an agreement with the United States regarding the exchange of certain information with respect to United States account holders and complies with local legislation enacted to give effect to such agreement, or (c) such institution otherwise establishes an exemption from FATCA withholding or (ii) a foreign entity that is not a financial institution, unless such entity provides the withholding agent with a certification identifying the substantial United States owners of the entity, which generally includes any U.S. Person who directly or indirectly owns more than 10% of the entity, or otherwise establishes an exemption from FATCA withholding. Pursuant to final regulations and subsequent IRS guidance, this new withholding tax will not apply to gross proceeds from the disposition of debt instruments paid on or before December 31, 2018. Investors are encouraged to consult with their own tax advisors regarding the implications of this legislation on their investment in the Class B Certificates.

**Backup Withholding**

Payments made on the Class B Certificates and proceeds from the sale of Class B Certificates will not be subject to backup withholding tax unless, in general, the Class B Certificateholder fails to comply with certain reporting procedures or otherwise fails to establish an exemption from such tax under applicable provisions of the Code. Backup withholding is not an additional tax. A Class B Certificateholder generally will be entitled to credit any amounts withheld under the backup withholding rules against its U.S. federal income tax liability or to obtain a refund of the amounts withheld, provided the required information is furnished to the IRS in a timely manner.

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**CERTAIN DELAWARE TAXES**

The Trustee is a national banking association with its corporate trust office in Delaware. In the opinion of Morris James LLP, Wilmington, Delaware, counsel to the Trustee, under currently applicable law, assuming that the Class B Trust will not be taxable as a corporation, but, rather, will be classified as a grantor trust under subpart E, Part I of Subchapter J of the Code, (i) the Class B Trust will not be subject to any tax (including, without limitation, net or gross income, tangible or intangible property, net worth, capital, franchise or doing business tax), fee or other governmental charge under the laws of the State of Delaware or any political subdivision thereof and (ii) Class B Certificateholders that are not residents of or otherwise subject to tax in Delaware will not be subject to any tax (including, without limitation, net or gross income, tangible or intangible property, net worth, capital, franchise or doing business tax), fee or other governmental charge under the laws of the State of Delaware or any political subdivision thereof as a result of purchasing, holding (including receiving payments with respect to) or selling a Class B Certificate.

Neither the Class B Trust nor the Class B Certificateholders will be indemnified for any state or local taxes imposed on them, and the imposition of any such taxes on the Class B Trust could result in a reduction in the amounts available for distribution to the Class B Certificateholders. In general, should a Class B Certificateholder or the Class B Trust be subject to any state or local tax which would not be imposed if the Trustee were located in a different jurisdiction in the United States, the Trustee will resign and a new Trustee in such other jurisdiction will be appointed.

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**Table of Contents****CERTAIN ERISA CONSIDERATIONS**

The Employee Retirement Income Security Act of 1974, as amended ( ERISA ), imposes certain requirements on employee benefit plans subject to Title I of ERISA ( ERISA Plans ), and on those persons who are fiduciaries with respect to ERISA Plans. Investments by ERISA Plans are subject to ERISA's general fiduciary requirements, including, but not limited to, the requirements of investment prudence and diversification and the requirement that an ERISA Plan's investments be made in accordance with the documents governing the Plan.

Section 406 of ERISA and Section 4975 of the Code prohibit certain transactions involving the assets of an ERISA Plan (as well as those plans that are not subject to ERISA but which are subject to Section 4975 of the Code, such as individual retirement accounts (together with ERISA Plans, Plans )) and certain persons (referred to as parties in interest or disqualified persons ) having certain relationships to such Plans, unless a statutory or administrative exemption is applicable to the transaction. A party in interest or disqualified person who engages in a prohibited transaction may be subject to excise taxes and other penalties and liabilities under ERISA and the Code.

The Department of Labor has promulgated a regulation, 29 CFR Section 2510.3-101 (the Plan Asset Regulation ), describing what constitutes the assets of a Plan with respect to the Plan's investment in an entity for purposes of ERISA and Section 4975 of the Code. Under the Plan Asset Regulation, as modified by Section 3(42) of ERISA, if a Plan invests (directly or indirectly) in a Certificate, the Plan's assets will include both the Certificate and an undivided interest in each of the underlying assets of the corresponding Trust, including the Equipment Notes held by such Trust, unless it is established that equity participation in such Trust by Plans and entities whose underlying assets include Plan assets by reason of a Plan's investment in the entity is not significant within the meaning of the Plan Asset Regulation, as modified by Section 3(42) of ERISA. In this regard, the extent to which there is equity participation in a particular Trust by, or on behalf of, employee benefit plans will not be monitored. If the assets of a Trust are deemed to constitute the assets of a Plan, transactions involving the assets of such Trust could be subject to the prohibited transaction provisions of ERISA and Section 4975 of the Code unless a statutory or administrative exemption is applicable to the transaction.

The fiduciary of a Plan that proposes to purchase and hold any Certificates should consider, among other things, whether such purchase and holding may involve a direct or indirect (i) extension of credit to a party in interest or a disqualified person, (ii) sale or exchange of any property between a Plan and a party in interest or a disqualified person, or (iii) transfer to, or use by or for the benefit of, a party in interest or a disqualified person, of any Plan assets. Such parties in interest or disqualified persons could include, without limitation, United and its affiliates, the Underwriters, the Loan Trustee, the Trustee and the Liquidity Provider. In addition, if one Class of Certificates is purchased by a Plan and another Class of Certificates is held by a party in interest or a disqualified person with respect to such Plan, the exercise by the holder of the subordinate Class of Certificates of its right to purchase the senior Class of Certificates upon the occurrence and during the continuation of a Certificate Buyout Event could be considered to constitute a prohibited transaction unless a statutory or administrative exemption were applicable. Depending on the identity of the Plan fiduciary making the decision to acquire or hold Certificates on behalf of a Plan, Prohibited Transaction Class Exemption ( PTCE ) 91-38 (relating to investments by a bank collective investment fund), PTCE 84-14 (relating to transactions effected by a qualified professional asset manager ), PTCE 95-60 (relating to investments by an insurance company general account), PTCE 96-23 (relating to transactions directed by an in-house professional asset manager) or PTCE 90-1 (relating to investments by an insurance company pooled separate account) (collectively, the Class Exemptions ) could provide an exemption from the prohibited transaction provisions of ERISA and Section 4975 of the Code. However, there can be no assurance that any of these Class Exemptions or any other exemption will be available with respect to any particular transaction involving the Certificates.

Governmental plans, certain church plans, and foreign plans (collectively, Similar Law Plans ) while not subject to the fiduciary responsibility provisions of ERISA or the prohibited transaction provisions of ERISA and

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Section 4975 of the Code, may nevertheless be subject to other laws that are substantially similar to the foregoing provisions of ERISA and the Code. Fiduciaries of any such plans should consult with their counsel before purchasing any Certificates.

Any Plan fiduciary which proposes to cause a Plan to purchase any Certificates should consult with its counsel regarding the applicability of the fiduciary responsibility and prohibited transaction provisions of ERISA and Section 4975 of the Code to such an investment, and to confirm that such purchase and holding will not constitute or result in a non-exempt prohibited transaction or any other violation of an applicable requirement of ERISA.

Each person who acquires or accepts a Certificate or an interest therein, will be deemed by such acquisition or acceptance to have represented and warranted that either: (i) no assets of a Plan or any Similar Law Plan have been used to purchase or hold such Certificate or an interest therein or (ii) the purchase and holding of such Certificate or an interest therein either (a) in the case of Plan assets, are exempt from the prohibited transaction restrictions of ERISA and the Code pursuant to one or more prohibited transaction statutory or administrative exemptions or (b) in the case of Similar Law Plan assets, will not violate any similar state, local or foreign law.

Each person who is an employee benefit plan subject to Title I of ERISA, a plan subject to Section 4975 of the Code, or an entity whose underlying assets are deemed to include plan assets by reason of such a plan's investment in such entity (a Benefit Plan Investor) and acquires or accepts a Certificate or an interest therein will be deemed by such acquisition or acceptance to have represented and warranted that:

the decision to acquire or accept the Certificate or interest therein has been made by a duly authorized fiduciary of the Benefit Plan Investor that (i) is independent (as that term is used in 29 C.F.R. 2510.3-21(c)(1)) of UAL, United, each of the underwriters and their respective affiliates; (ii) is a bank, an insurance carrier, a registered investment adviser, a registered broker-dealer, or an independent fiduciary that holds, or has under management or control, total assets of at least \$50 million (in each case, as specified in 29 C.F.R. 2510.3-21(c)(1)(i)(A)-(E)); (iii) is capable of evaluating investment risks independently, both in general and with regard to particular transactions and investment strategies (including, without limitation, with respect to the decision to acquire or accept the Certificate or interest therein); (iv) has been fairly informed that UAL, United, the underwriters, and their respective affiliates have not and will not undertake to provide impartial investment advice, or to give advice in a fiduciary capacity, in connection with the acquisition or acceptance of the Certificate or interest therein; (v) has been fairly informed of the existence and nature of the financial interests that UAL, United, the underwriters and their respective affiliates have in the Benefit Plan Investor's acquisition or acceptance of the Certificate or interest therein, which interests may conflict with the interest of the Benefit Plan Investor, as more fully described in the offering materials; and (vi) is a fiduciary under ERISA or the Code, or both, with respect to the decision to acquire or accept the Certificate or interest therein and is responsible for exercising (and has exercised) independent judgment in evaluating whether to invest the assets of such Benefit Plan Investor in the Certificate or interest therein; and

neither the Benefit Plan Investor nor such duly authorized fiduciary of the Benefit Plan Investor is paying UAL, United, any underwriter, or any of their respective affiliates, any fee or other compensation directly for the provision of investment advice (as opposed to other services) in connection with the Benefit Plan Investor's acquisition or acceptance of the Certificate or interest therein.



**Table of Contents****UNDERWRITING**

Under the terms and subject to the conditions contained in an underwriting agreement dated the date of this Prospectus Supplement among United and Credit Suisse Securities (USA) LLC as representative of the several underwriters listed below (collectively, the Underwriters), United has agreed to cause the Class B Trust to sell to the Underwriters, and each of the Underwriters has severally agreed to purchase, the following respective face amounts of the Class B Certificates:

<b>Underwriter</b>	<b>Face Amount of Class B Certificates</b>
Credit Suisse Securities (USA) LLC	\$ 26,245,000
Goldman Sachs & Co. LLC	26,241,000
Morgan Stanley & Co. LLC	26,241,000
Citigroup Global Markets Inc.	26,241,000
Deutsche Bank Securities Inc.	26,241,000
Merrill Lynch, Pierce, Fenner & Smith Incorporated	26,241,000
J.P. Morgan Securities LLC	26,241,000
BNP Paribas Securities Corp.	26,241,000
Credit Agricole Securities (USA) Inc.	26,241,000
<b>Total</b>	<b>\$ 236,173,000</b>

The underwriting agreement provides that the obligations of the Underwriters are subject to certain conditions precedent and that the Underwriters are obligated to purchase all of the Class B Certificates if any are purchased. If an Underwriter defaults on its purchase commitment, the purchase commitments of the non-defaulting Underwriters may be increased or the offering of the Class B Certificates may be terminated. The Class B Certificates are offered subject to receipt and acceptance by the Underwriters and to certain other conditions, including the right to reject orders in whole or in part.

The aggregate proceeds from the sale of the Class B Certificates will be \$236,173,000. United will pay the Underwriters a commission of \$2,361,730. United estimates that its expenses associated with the offer and sale of the Class B Certificates will be approximately \$1,000,000.

The Underwriters propose to offer the Class B Certificates to the public initially at the public offering prices on the cover page of this Prospectus Supplement and to selling group members at those prices less the concessions set forth below. The Underwriters and selling group members may allow a discount to other broker/dealers as set forth below. After the initial public offering, the public offering prices and concessions and discounts may be changed by the Underwriters.

**Pass Through Certificates**

	<b>Concession To Selling Group Members</b>	<b>Discount To Broker/Dealers</b>
2016-2B	0.50%	0.25%

The Class B Certificates are a new issue of securities with no established trading market. United does not intend to apply for the listing of the Class B Certificates on a national securities exchange.

The Underwriters have advised United that one or more of the Underwriters currently intend to make a market in the Class B Certificates, as permitted by applicable laws and regulations. The Underwriters are not obligated, however, to make a market in the Class B Certificates and any such market making may be discontinued at any time at their sole discretion. Accordingly, no assurance can be given as to the liquidity of the trading market for the Class B Certificates.



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United has agreed to indemnify the several Underwriters against certain liabilities including liabilities under the Securities Act of 1933, as amended, or contribute to payments which the Underwriters may be required to make in that respect.

From time to time, the several Underwriters or their affiliates have performed and are performing investment banking and advisory services for, and have provided and are providing general financing and banking services to, UAL, United and their affiliates. In particular, affiliates of Morgan Stanley & Co. LLC, Citigroup Global Markets Inc., Credit Agricole Securities (USA) Inc. and BNP Paribas Securities Corp are liquidity facility providers to United. Affiliates of each of the Underwriters are lenders to UAL and/or United.

In addition, in the ordinary course of their various business activities, the Underwriters and their respective affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers, and such investment and securities activities may involve securities and/or instruments of United. The Underwriters and their respective affiliates that have a lending relationship with United may hedge their credit exposure to United. Such Underwriters and their affiliates may hedge such exposure by entering into transactions which consist of either the purchase of credit default swaps or the creation of short positions in United's securities, including potentially the Class B Certificates offered hereby. Any such short positions could adversely affect future trading prices of the Class B Certificates offered hereby. The Underwriters and their affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or instruments and may at any time hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

United expects that delivery of the Class B Certificates will be made against payment therefor on or about the closing date specified on the cover page of this Prospectus Supplement, which will be the tenth business day following the date hereof (this settlement cycle being referred to as T+10). Under Rule 15c6-1 of the Commission under the Exchange Act, trades in the secondary market generally are required to settle in two business days, unless the parties to the trade expressly agree otherwise. Accordingly, purchasers who wish to trade Class B Certificates on a day prior to the second business day before the date of initial delivery of the Class B Certificates will be required, by virtue of the fact that the Class B Certificates initially will settle on a delayed basis, to specify an alternate settlement cycle at the time of any trade to prevent a failed settlement and should consult their own advisor.

To facilitate the offering of the Class B Certificates, the Underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of the Class B Certificates. Specifically, the Underwriters may overallocate in connection with this Offering, creating a short position in the Class B Certificates for their own account. To cover overallocations or to stabilize the price of the Class B Certificates, the Underwriters may bid for, and purchase, Class B Certificates in the open market. Finally, the Underwriters may reclaim selling concessions allowed to an agent or a dealer for distributing Class B Certificates in this Offering, if the Underwriters repurchase previously distributed Class B Certificates in transactions to cover syndicate short positions, in stabilization transactions or otherwise. Any of these activities may stabilize or maintain the market price of the Class B Certificates above independent market levels. The Underwriters are not required to engage in these activities, and may end any of these activities at any time.

## **Selling Restrictions**

This Prospectus Supplement and the accompanying Prospectus do not constitute an offer of, or a solicitation of an offer by or on behalf of us or the Underwriters to subscribe for or purchase, any of the Class B Certificates in any jurisdiction to or from any person to whom or from whom it is unlawful to make such an offer or solicitation in that jurisdiction. This distribution of this Prospectus Supplement and the accompanying Prospectus and the offering of the

Class B Certificates in certain jurisdictions may be restricted by law. We and the Underwriters require persons into whose possession this Prospectus Supplement and the accompanying Prospectus come to observe the following restrictions.

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***European Economic Area***

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive (each, a Relevant Member State ), with effect from and including the Relevant Implementation Date, an offer of Class B Certificates which are the subject of this offering contemplated by this Prospectus Supplement may not be made to the public in that Relevant Member State other than:

- (a) to any legal entity which is a qualified investor as defined in the Prospectus Directive;
- (b) to fewer than 100 or, if the Relevant Member State has implemented the relevant provision of the 2010 PD Amending Directive, 150 natural or legal persons (other than qualified investors as defined in the Prospectus Directive), as permitted under the Prospectus Directive, subject to obtaining the prior consent of the representatives of the Underwriters for any such offer; or
- (c) in any other circumstances falling within Article 3(2) of the Prospectus Directive;

provided that no such offer of Class B Certificates shall require United or any Underwriter to publish a prospectus pursuant to Article 3 of the Prospectus Directive.

For the purposes of this provision, the expression an offer of Class B Certificates to the public in relation to any Class B Certificates in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the Class B Certificates to be offered so as to enable an investor to decide to purchase or subscribe for the Class B Certificates, as the same may be varied in that Relevant Member State by any measure implementing the Prospectus Directive in that Relevant Member State, the expression Prospectus Directive means Directive 2003/71/EC (and amendments thereto, including the 2010 PD Amending Directive, to the extent implemented in the Relevant Member State), and includes any relevant implementing measure in the Relevant Member State, and the expression 2010 PD Amending Directive means Directive 2010/73/EU.

***United Kingdom***

In the UK, this Prospectus Supplement is being distributed only to, and is directed only at, and any offer subsequently made may only be directed at persons who are qualified investors (as defined in the Prospectus Directive) (i) who have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the Order ) and/or (ii) who are high net worth companies (or persons to whom it may otherwise be lawfully communicated) falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as relevant persons ). This document must not be acted on or relied on in the UK by persons who are not relevant persons. In the UK, any investment or investment activity to which this document relates is only available to, and will be engaged in with, relevant persons. For the purpose of this paragraph, the expression Prospectus Directive means Directive 2003/71/EC (including the 2010 PD Amending Directive) and includes any relevant implementing measure in the UK.

***Canada***

The Class B Certificates may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 *Prospectus Exemptions* or subsection 73.3(1) of the *Securities Act* (Ontario), and are permitted clients, as defined in National Instrument 31-103 *Registration Requirements, Exemptions and Ongoing Registrant Obligations*. Any resale of the Class B Certificates must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable

securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this Prospectus Supplement (including any amendment thereto) contains a

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misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 (or, in the case of securities issued or guaranteed by the government of a non-Canadian jurisdiction, section 3A.4) of National Instrument 33-105 *Underwriting Conflicts* (NI 33-105), the Underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this Offering.

***Hong Kong***

The Class B Certificates may not be offered or sold by means of any document other than (i) in circumstances which do not constitute an offer to the public within the meaning of the Companies Ordinance (Cap.32, Laws of Hong Kong), or (ii) to professional investors within the meaning of the Securities and Futures Ordinance (Cap.571, Laws of Hong Kong) and any rules made thereunder, or (iii) in other circumstances which do not result in the document being a prospectus within the meaning of the Companies Ordinance (Cap.32, Laws of Hong Kong), and no advertisement, invitation or document relating to the Class B Certificates may be issued or may be in the possession of any person for the purpose of issue (in each case whether in Hong Kong or elsewhere), which is directed at, or the contents of which are likely to be accessed or read by, the public in Hong Kong (except if permitted to do so under the laws of Hong Kong) other than with respect to Class B Certificates which are or are intended to be disposed of only to persons outside Hong Kong or only to professional investors within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder.

***Singapore***

This Prospectus Supplement has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this Prospectus Supplement and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the Class B Certificates may not be circulated or distributed, nor may the Class B Certificates be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the SFA), (ii) to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the Class B Certificates are subscribed or purchased under Section 275 by a relevant person which is: (a) a corporation (which is not an accredited investor) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary is an accredited investor, shares, debentures and units of shares and debentures of that corporation or the beneficiaries' rights and interest in that trust shall not be transferable for 6 months after that corporation or that trust has acquired the Class B Certificates under Section 275 except: (1) to an institutional investor under Section 274 of the SFA or to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA; (2) where no consideration is given for the transfer; or (3) by operation of law.

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***Japan***

The Class B Certificates have not been and will not be registered under the Financial Instruments and Exchange Law of Japan (the Financial Instruments and Exchange Law) and each Underwriter has agreed that it will not offer or sell any Class B Certificates, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan (which term as used herein means any person resident in Japan, including any corporation or other entity organized under the laws of Japan), or to others for re-offering or resale, directly or indirectly, in Japan or to a resident of Japan, except pursuant to an exemption from the registration requirements of, and otherwise in compliance with, the Financial Instruments and Exchange Law and any other applicable laws, regulations and ministerial guidelines of Japan.

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**LEGAL MATTERS**

The validity of the Class B Certificates is being passed upon for United by Hughes Hubbard & Reed LLP, New York, New York, and for the Underwriters by Milbank, Tweed, Hadley & McCloy LLP, New York, New York. Morris James LLP, Wilmington, Delaware, counsel for Wilmington Trust, National Association, as Trustee, will pass upon certain matters of Delaware law relating to the Pass Through Trust Agreements, including that the Class B Certificates are binding obligations of the Trustee, and Milbank, Tweed, Hadley & McCloy LLP will rely on such opinion.

**EXPERTS**

The consolidated financial statements of United appearing in our Annual Report on Form 10-K at December 31, 2016 and December 31, 2015, and for each of the three years in the period ended December 31, 2016 (including the financial statement schedule appearing therein), have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in their report thereon, which is incorporated by reference herein. Such consolidated financial statements are incorporated by reference in reliance upon such report given on the authority of Ernst & Young LLP as experts in accounting and auditing.

The references to AISI, BK and MBA, and to their appraisal reports, dated October 10, 2017, October 17, 2017 and October 18, 2017, respectively, are included herein in reliance upon the authority of each such firm as an expert with respect to the matters contained in its appraisal report.

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This Prospectus Supplement incorporates by reference the following documents previously filed by United with the Commission (excluding any portions of such documents that have been furnished but not filed for purposes of the Exchange Act) that are not delivered with this Prospectus Supplement:

<b>Filing</b>	<b>Date Filed</b>
Annual Report on Form 10-K for the year ended December 31, 2016	February 23, 2017
Quarterly Report on Form 10-Q for the quarter ended March 31, 2017	April 18, 2017
Quarterly Report on Form 10-Q for the quarter ended June 30, 2017	July 19, 2017
Quarterly Report on Form 10-Q for the quarter ended September 30, 2017	October 19, 2017
Current Report on Form 8-K	January 26, 2017
Current Report on Form 8-K	January 27, 2017
Current Report on Form 8-K	April 3, 2017
Current Report on Form 8-K	April 4, 2017
Current Report on Form 8-K	April 21, 2017
Current Report on Form 8-K	September 29, 2017
Current Report on Form 8-K	October 4, 2017

United's Commission file number is 1-10323.

Reference is made to the information under **Incorporation of Certain Documents by Reference** in the accompanying Prospectus. All documents filed under the Exchange Act with the Commission prior to January 1, 2017, and incorporated by reference in the accompanying Prospectus have been superseded by the above-listed documents and shall not be deemed to constitute a part of the accompanying Prospectus or the Prospectus Supplement. In addition, for the avoidance of doubt, the Annual Report on Form 10-K for the year ended December 31, 2016, the Quarterly Report on Form 10-Q for the quarter ended March 31, 2017, the Quarterly Report on Form 10-Q for the quarter ended June 30, 2017 and the Quarterly Report on Form 10-Q for the quarter ended September 30, 2017 of UAL are not incorporated by reference in this Prospectus Supplement.



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**APPENDIX II APPRAISAL LETTERS**

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**Mr. Gerry Laderman**

**Senior Vice President Finance, Procurement & Treasurer**

**United Airlines, Inc.**

**233 South Wacker Drive**

**14<sup>th</sup> Floor HDQFT**

**Chicago, IL 60606**

**Sight Unseen**

**Maintenance Adjusted Base Value Opinion**

**The 13 Aircraft United Airlines 2016-2 EETC Portfolio**

**AISI File No.: A7S071BVO-03**

**Report Date: 10 October 2017**

**Values as of: 30 September 2017**

**Main Office: 1409 Peachtree Street, Suite 200, Atlanta, Georgia 30309**

**TEL: 404 870-AISI (2474) E-MAIL: mail@AISLaero www.aisi.aero**

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10 October 2017

Mr. Gerry Laderman

Senior Vice President Finance, Procurement & Treasurer

United Airlines, Inc.

233 South Wacker Drive

14<sup>th</sup> Floor HDQFT

Chicago, IL 60606

Subject: AISI File number: A7S071BVO-03 - AISI Sight Unseen Maintenance Adjusted Base Value Opinion,  
The 13 Aircraft United Airlines 2016-2 EETC Portfolio

Ref: (a) Email messages UAL to AISI; 16 September 13 October 2017

Dear Mr. Laderman:

Aircraft Information Services, Inc. (AISI) has been requested to offer our opinion of the sight unseen maintenance adjusted base values as of 30 September 2017, for a portfolio of one Boeing 737-800 aircraft, with CFM56-7B27E/F engines, at 174,200 lbs. maximum takeoff weight, three Boeing 737-900ER aircraft, with CFM 56-7B27E/F engines, at 187,700 lbs. maximum takeoff weight, seven Boeing 777-300ER aircraft with GE90-115BL engines, at 775,000 lbs. maximum takeoff weight, and two Boeing 787-9 aircraft, with GENx-1B74/75/P2 engines, at 560,000 lbs. maximum takeoff weight, as identified and defined in Table I and reference (a) above (the Aircraft ).

**1. Methodology and Definitions**

The standard terms of reference for commercial aircraft value are base value and current market value of an average aircraft. Base value is a theoretical value that assumes a hypothetical balanced market while current market value is the value in the actual market; both assume a hypothetical average aircraft condition. All other values are derived from these values. AISI value definitions are consistent with the current, 30 January 2013 definitions of the International Society of Transport Aircraft Trading (ISTAT). AISI is a member of that organization and employs one ISTAT Certified Senior Appraiser and two ISTAT Certified Appraisers.

AISI defines base value as that of a transaction between an equally willing and informed buyer and seller, neither under compulsion to buy or sell, for a single unit cash transaction with no hidden value or liability, with supply and demand of the sale item roughly in balance and with no event which would cause a short term change in the market. Base values are typically given for aircraft in new condition, average half-life condition, or adjusted for an aircraft in a



specifically described condition at a specific time.

An average aircraft is an operable airworthy aircraft in average physical condition and with average accumulated flight hours and cycles, with clear title and standard unrestricted certificate

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of airworthiness, and registered in an authority which does not represent a penalty to aircraft value or liquidity, with no damage history and with inventory configuration and level of modification which is normal for its intended use and age. Note that a stored aircraft is not an average aircraft. AISI assumes average condition unless otherwise specified in this report.

AISI also assumes that airframe, engine and component parts are from the original equipment manufacturer and that maintenance, maintenance program and essential records are sufficient to permit normal commercial operation under a strict airworthiness authority.

Half-life condition assumes that every component or maintenance service which has a prescribed interval that determines its service life, overhaul interval or interval between maintenance services, is at a condition which is one-half of the total interval.

An adjusted appraisal reflects an adjustment from half-life condition for the actual condition, utilization, life remaining or time remaining of an airframe, engine or component.

A new aircraft is an aircraft with no utilization and is equipped with engines, buyer furnished equipment, seller furnished equipment and other equipment typical or required for the mission for which the aircraft is designed.

It should be noted that AISI and ISTAT value definitions apply to a transaction involving a single aircraft, and that transactions involving more than one aircraft are often executed at considerable and highly variable discounts to a single aircraft price for a variety of reasons relating to an individual buyer or seller.

AISI defines current market value, which is synonymous with the older term fair market value, as that value which reflects actual market conditions including short term events, whether at, above or below the base value conditions. Assumptions of a single unit sale and definitions of aircraft condition, buyer/seller qualifications and type of transaction remain unchanged from that of base value. Current market value takes into consideration the status of the economy in which the aircraft is used, the status of supply and demand for the particular aircraft type, the value of recent transactions and the opinions of informed buyers and sellers. Note that for a current market value to exist, the seller may not be under duress. Current market value assumes that there is no short term time constraint to buy or sell.

AISI defines distressed market value as that value which reflects the actual market condition including short term events, when the market for the subject aircraft is so depressed that the seller is under duress. Distressed market value assumes that there is a time constraint to sell within a period of less than 1 year. All other assumptions remain unchanged from that of current market value.

None of the AISI value definitions take into account remarketing costs, brokerage costs, storage costs, recertification costs or removal costs.



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AISI encourages the use of base values to consider historical trends, to establish a consistent baseline for long term value comparisons and future value considerations, or to consider how actual market values vary from theoretical base values. Base values are less volatile than current market values and tend to diminish regularly with time. Base values are normally inappropriate to determine near term values.

AISI encourages the use of current market values to consider the probable near term value of an aircraft when the seller is not under duress. AISI encourages the use of distressed market values to consider the probable near term value of an aircraft when the seller is under duress.

No physical inspection of the aircraft or their essential records was made by AISI for the purposes of this report, nor has any attempt been made to verify information provided to us, which is assumed to be correct and applicable to the aircraft.

It should be noted that the values given are not directly additive, that is, the total of the given values is not the value of the fleet but rather the sum of the values of the individual aircraft if sold individually over time so as not to exceed demand.

2. **Market Analysis**

**Macro-Economic Impact on Aircraft Values**

AISI tracks two key metrics while valuing and attempting to predict the future value retention performance of aircraft in today's world-wide aircraft market. We believe that gross domestic product growth on a global and national scale is a good indicator of the ability of growing numbers of new and used aircraft to be financed and placed into operation. We also believe that the more specific health of world-wide and national passenger aircraft markets are correlated to GDP growth and provide key validation of GDP performance-related trends.

*Source: World Bank, IMF, IATA, \* estimate*

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The previous chart indicates that the industry has experienced, and will probably continue to experience, a positive margin between airline passenger traffic growth and GDP growth in the near-to-medium term. If world GDP growth ever exceeds the anemic 3% annual percentage growth rate experienced since 2011, we would expect very robust increases in passenger demand and hence, overall demand for passenger aircraft.

AISI also tracks interest rate trends as a proxy for continued demand for aircraft financing.

The above chart shows the results of the low interest rate policy of the US Federal Reserve since the 2008 financial crisis. AISI believes that this low interest rate environment is, overall, a positive driver for aircraft financing opportunities. Aircraft leases often support internal rates of return for owners in the 10-15% rate range, dependent, of course, on the level of operator risk. In our view, this leaves plenty of margin for financiers between the cost of acquisition and the actual rate of return on aircraft leases. As investors clamor for these above market returns, we believe demand for aircraft asset backed financing will continue to be robust. We don't see anything but gradual monetary policy tightening by governments world-wide, so we expect the current strong demand for aircraft financing opportunities to continue for the near to intermediate term, and even for the longer term.

**Aircraft Industry Specific Drivers of Aircraft Values**

AISI also tracks aviation jet fuel prices and aircraft manufacturer production rate trends while valuing and attempting to predict the future value retention performance of aircraft in today's, world-wide aircraft market.

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*Source: Energy Information Administration*

The above chart shows the sharp drop in overall jet fuel prices in late 2014, which have remained at relatively low levels over the past two years. Low fuel prices can be a double-edged sword for aircraft demand. Generally positive for older aircraft, but low fuel prices can blunt demand for new aircraft and their expensive, fuel-saving technologies.

AISI believes that the most positive factor of low-fuel-price-driven demand for passenger aircraft comes from the improvement of operator balance sheets. Operators and their lessors greatly benefit from the ability of operators to comfortably service leases while seeking to open new routes that might not have been feasible to operate in a high fuel price environment. This results in an overall increase in demand for both new and used aircraft as operators strive to meet growing passenger demand resulting from low fuel price-driven and more affordable, fare levels. We do not expect significant increases in fuel prices in the near to medium term.

The Boeing Company ( Boeing ) and Airbus S.A.S. ( Airbus ) monthly production rates are predicted to markedly increase through the end of the decade:

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While the increased supply of new aircraft may have a negative effect on existing aircraft values, we feel that Boeing and Airbus are in a huge market that will continue to be in a rough balance between aircraft supply and overall passenger aircraft demand. Currently, there are no white tail aircraft (planes manufactured, but not sold) sitting on the aircraft manufacturer's ramps. In our view, wide-spread discounting is being supplanted by duopolistic price signaling, enabling new aircraft values to remain relatively firm, at least in the near term. Both manufacturers have announced rate decreases for their B777 and A330 production lines in an attempt to bridge the gap to the production of B777-X and A330NEO aircraft. The B747-8 and the A380 have also had production rates either cut or scheduled to be cut to meet dwindling demand for those aircraft. AISI believes that overbooking of production slots (production slots promised to more than one purchaser) and the ability of manufacturers to produce only the aircraft for which they have received commitments to purchase, outweighs most over-production fears.

**The B737-800 Market**

The B737-800 is a twin engine, narrowbody, two man crew aircraft, typically seating 160 passengers in mixed class configuration. The typical range with full passengers at low maximum takeoff weight (MTOW) is approximately 1,925 nautical miles, while at high MTOW the range increases to approximately 2,900 nautical miles. The aircraft is part of the Boeing B737-600/700/800 Next Generation (NG) family, replacing the B737-500/300/400, respectively. The aircraft has a larger wing, a higher cruise speed, longer range, and higher initial cruise altitude capability than its predecessor, the B737-400, while operating at higher gross weights, with a larger passenger cabin and more powerful CFM56-7B variants of the same engine.

The B737-800 has the largest B737 NG family fleet with 4,497 active aircraft, 502 on order, and a strong customer base of 195 operators with excellent, world-wide distribution. A significant number of the active B737-800 fleet, approximately 2,420 aircraft, are operated via either a capital lease or an operating lease. Winglet-equipped variants, which have a longer cruise range efficiency, are available and there are 4,340 winglet equipped aircraft in service, with 502 on order. The non-winglet variant has 157 aircraft in service for 49 operators, with none on on order. While winglets are not particularly useful to short haul operators, it has become obvious that winglet equipped aircraft are preferred. Non-winglet aircraft are able to be retrofitted with winglets.

The major competitor to the B737-800 is the Airbus A320. The B737-800 also competes with the smaller B737-700 and A319, the earlier B737-300/400 variants and to a lesser degree the MD-80/90. The aircraft was first delivered in 1998.

Twenty-seven winglet and nine non-winglet equipped B737-800 aircraft are currently inactive, mostly for major checks and/or modifications, or because the aircraft are at lease-end and are seeking to be placed in new operating arrangements. Current low fuel prices, and continued capacity constraint strategies from major operators should result in all but the most aged B737-800s will remain in revenue service.





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AISI analysis of the market for the B737 type indicates that Boeing and Airbus are overbooking production slots, which allows buyers later in the backlog to take an earlier production slot that becomes available if the scheduled buyer defaults at delivery. This has worked to firm up the value of all aircraft, particularly used aircraft, as fewer aircraft are left unsold due to buyer defaults.

AISI's July 2017 values update has the base value of new B737-800 aircraft declining 4% from July 2016 values and current market values declining 3% from July 2016 values. We expect the current, strong demand for this aircraft to support similar value declines even after the B737-8MAX aircraft deliveries began in mid-2017.

We do see values remaining relatively firm even as Boeing is producing the re-engined B737 MAX family with the first aircraft, a B737-MAX 8, re-engined with CFM56-LEAP-1B engines, delivered in May of 2017. At the time of this report, 64 B737-MAX 8 aircraft have been delivered to 14 operators while 3,085 orders have been placed by 58 operators.

This is an indicator of wide acceptance of this new family of aircraft, and with production slots for both B737-800NG and B737-MAX 8 sold out over the production transition period, values should remain firm as the B737-MAX 8 begins building market presence in 2017.

The chief competitor for the B737-800 is the Airbus A320. Airbus is offering the A319/320/321 family re-engined with either the CFM56 LEAP-1A or the PW GTF engine, the most modern and efficient engines available. Deliveries for the first variant, the A320-200 NEO, occurred in December 2015.

In comparing the B737 MAX versus the A320NEO family, operational cost efficiencies may slightly favor future A320 family aircraft values, as it does not appear as beneficial as anticipated to re-engine the B737 family due to the more limited B737 under-wing clearance which does not permit as large an engine fan as with the A320 family. However, the slight aerodynamic and weight advantage of the slightly smaller B737 fuselage compared to the A320 will probably nullify most of this engine fan advantage. We expect both the MAX and NEO types to continue to be very competitive, but they will enjoy only a short production run of about 10-15 years.

Over the long term, the presently defined B737 Next Generation/ MAX family is almost certainly near its last decade of production. Boeing has announced its intention to replace the B737 family with all new models, with the first deliveries starting no earlier than approximately 2025.

The B737-800 has significant potential for future cargo conversion and active conversion programs have been started by at least two companies. In July 2015, Aeronautical Engineers Inc. (AEI), a well-known freighter conversion company, announced that it had won a contract to convert 20 B737-800 aircraft owned by GE Capital Aviation Services (GECAS) with first delivery scheduled for late 2017. In early November, AEI announced an additional order for 15 B737-800SF conversions and 15 additional options for conversion from Aviation Capital Group.



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Boeing launched the B737-800BCF with 30 firm orders and 25 commitments, including 10 firm orders and 10 commitments from YTO Airlines (China); 10 firm orders from China Postal Airlines; five firm orders from GECAS (US); plus commitments from SF Airlines (China) and Cargo Air (Bulgaria). The first B737-800BCF is expected to be delivered in 4Q 2017. It appears that market growth and B737-800 value reductions have coincided enough to make B737-800 freighter conversions economically practical for most of the off-of-last-passenger-lease B737-800 aircraft.

**The B737-900ER Market**

The B737-900ER is a new twin engine, narrowbody, two man crew aircraft typically seating 180 passengers in two class configuration, designed as the largest of the very successful B737-600/700/700ER/800/900 family. The B737-900ER replaces the earlier B737-900 which terminated production in 2006. The B737-900ER has more flexibility than the B737-900, with a flat aft pressure bulkhead that typically provides additional rear galley space and potentially a row of additional passenger seats at the same pitch, optional auxiliary lower cargo compartment fuel tanks that can provide in excess of 3200 nm range at high maximum takeoff weight, and aft passenger door options that can increase the exit limit maximum seating capacity from 189 to 215 passengers at closer seat pitches. Typical range with 180 passengers at lower maximum takeoff weight is approximately 2800 nm.

Currently, there are 70 orders for the B737-900ER from five operators with good global representation. There have been 436 aircraft delivered to 21 operators and one B737-900ER aircraft is inactive. By comparison, the B737-900 fleet, in production from 2000 to 2006, totals 51 aircraft with a small customer base of seven airlines, and with one aircraft inactive.

The major competitor to the B737-900ER is the 220 seat Airbus A321-200 with the capability to seat up to 230 passengers in single-class configuration in late 2015 and up to 240 passengers (with door modifications) in 2018. The B737-900ER will be limited to no more than 220 seats, even in -9MAX configuration, and the aircraft does not have the range to service the majority of trans-Atlantic single aisle markets. Furthermore, the B737-900ER will certainly not be able to compete with the 97 metric ton A321-200NEO, equipped with three auxiliary fuel tanks, designed for an equivalent-to-B757-200 3,900 nautical mile range, and entry into service of 2019.

The B737-900ER/MAX is at a significant market-presence disadvantage relative to the A321-200 CEO/NEO which is confirmed in the following table:

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<b>Aircraft Type</b>	<b>In Service</b>	<b>On Order</b>	<b>Number of Operators</b>
<b>B737-900ER</b>	436	70	21
<b>B737-9MAX</b>	14	401	12
<b>A321-200CEO</b>	1434	231	114
<b>A321-200NEO</b>	26	1368	56

The B737-900ER seems to be best-suited for up to trans-continental, US domestic markets with Delta, United, American, and Alaska Airlines being major customers. As operators continue to up-gauge from smaller to larger models within aircraft families, we expect the A321 to increase its market dominance over the B737-900ER.

Accordingly, new, average-build B737-900ER base values have declined 2% relative to July 2016 base values, while current market values for the same aircraft have also declined 2% relative to AISI's July 2016 values update. The market for the B737-900ER has declined to soft from average. In contrast, A321-200 base and current market values have remained steady. We see the B737-900ER's market performance relative the A321-200 to be the main driver behind Boeing's coming decision to design and introduce a next-generation narrow-body aircraft no later than 2025.

The aircraft has potential for future cargo conversion, but due to its relatively high cost, we expect the potential for freighter conversion to be confined to the older B737 variants for domestic small package carrier market. It will be many years before market growth and B737-900ER passenger aircraft values reductions coincide enough to make the B737-900ER a realistic candidate for conversion.

**The B787-9 Market**

The Boeing 787-9 entered into service with Air New Zealand in June 2014. The B787 family marks the beginning of a new technological standard for the industry that features 80% composite construction by volume; bleed-less electric-powered pressurization, anti-ice and air conditioning systems; and 5,000 psi hydraulic systems. The B787-9 can carry 250 - 290 passengers on routes of 8,000 to 8,500 nautical miles (14,800 to 15,750 km), while the shorter B787-8 can carry 210 - 250 passengers on routes of 7,650 to 8,200 nautical miles (14,200 to 15,200 km). The B787-10, which sacrifices the B787-9's range for capacity, will carry 290 - 335 passengers up to 7,000 nautical miles (12,900 km).

The B787-9 is targeted at the B777-200 and A330 markets while the B787-8 is designed to replace B767 type aircraft. The follow-on B787-10 will likely target the B777-300ER and A350-900 market segments.

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Despite battery and engine icing problems along with construction and certification delays, the B787 has been well received by the industry. To date, 264 B787-9s have been ordered by 34 customers, with 261 delivered to 31 customers. The B787-9 has clearly established itself as the hottest seller in its market segment compared to the 60 B787-8s ordered by 15 customers, with 334 delivered to 36 operators. After seeing several operators and leasing companies up-gauge from the B787-8 to the B787-9, we are surprised that only 138 B787-10s have been ordered by ten customers. However, Singapore Airlines' recent order for 19 additional B787-10s (49 total on order) may be a signal of renewed order momentum for this aircraft.

GE has engines on 234 ordered and delivered B787-8s, while Rolls Royce powers or will power 134. The split is similar for the B787-9 airframes with Rolls Royce installed or expected to be installed on 174 airframes, and GE engines installed or expected to be installed on 272 airframes. In the B787-10 engine market, GE has a similar lead with 74 GE powered airframes compared to 30 Rolls Royce powered airframes. All models of the B787 have significant numbers of orders with engines unconfirmed, so Rolls Royce still has an opportunity to close the gap in this market.

The production rate of B787-8 and B787-9 aircraft is currently at 12 aircraft per month. In April 2017, Boeing conducted the first test flight of the B787-10 at its South Carolina factory. B787-10 production could allow for an effective ramp up to 14 aircraft per month for the total 787 product line. Boeing just announced that B787 production rates will increase to 14 aircraft per month in 2019.

Similar to previous aircraft programs leading the industry to a new technological plateau, Boeing is expected to make more significant than normal improvements to its production processes over the life of the program. These production improvements are likely to increase the aircraft's overall performance and provide value to both Boeing and to operators as the B787 production line matures.

Longer-term, the major obstacle to preserving B787 values would be any persistent and significant reduction in the aircraft's extended operations (ETOPs) capabilities due to nagging electrical and engine icing problems. We note that the entire 787 family of aircraft has received 330 minute ETOPs approval from the FAA. The B787-8 has had more than its fair share of development and production problems, so it is important that both the B787-9 and the B787-10 can continue to be delivered relatively trouble free and that the reputation of the entire B787 program will continue to be viewed in a more positive light.

AISI's most recent July 2017 values update shows base value, year over year decreases for an average build, new B787-9 of less than 3%. This reflects the market's continued strong demand for B787-9s in spite of the introduction of the higher-capacity A350-900 and the announcement of the Airbus A330NEO. Current market values have also shown less than 3% decreases, and near term deliveries are sold out for the foreseeable future, confirming strong demand for B787s as operators seek the efficiencies of this aircraft.

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***B787 Family Specifications***

	B787 8	B787 9	B787 10
MTOW	502,500 lbs.	553,000 lbs.	557,000
Cargo Volume ( <i>cubic feet</i> )	4,400	5,400	6,187
Design Range	7685 n. mi.	8035 n. mi.	7020 n. mi.
Passengers*	242	280	323

\* Three class seating

Source: Boeing

**The B777-300ER Market**

The B777-300ER is the largest and most delivered, twin engine, wide-body Boeing aircraft. It is a two aisle, single passenger deck, two man cockpit crew aircraft seating approximately 370 passengers in three classes and is capable of 7,200 nautical mile range. The aircraft is offered only with the GE90 engine and is designed to fill the capacity gap between the B777-200 and the larger B747-400, B747-8, and the A-380.

The B777-300ER still dominates its market space and has compelled Airbus to introduce the A350-900, as the A380, A330-200, A330-300, and all models of the A340 were never able to mount a serious challenge to the B777-300ER. Boeing has countered the relatively successful introduction of the A350-900 by announcing production of the B777X family consisting of the B777-8X (350 passengers/ 9,300 nm. range) and the B777-9X (400 passengers / 8,200 nm. range). Fifty-three orders for the B777-8X and 253 orders for B777-9X have been announced with entry into service scheduled for 2021.

There is also industry speculation that a B777-10X derivative will eventually be produced that would likely be a double stretch fuselage, as was done to the 787-10 from the 787-8. This notional 777-10X derivative would be longer than the A380 with a 500+ passenger, three- class capacity and 700+ passenger single class capacity. This would compare favorably to the A380-800 s current 530 passenger three-class capacity (average) and 853 passenger single class capacity.

The B777-300ER comes from a large family of B777 aircraft as summarized in the table below:

<b>777 Model</b>	<b>In Service</b>	<b>On Order</b>	<b>In Storage</b>	<b># Operators</b>
<b>-200</b>	60		4	7

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<b>-200ER</b>	367		36	33
<b>-200LR</b>	57			12
<b>-300</b>	48		8	9
<b>-300ER</b>	746	67	2	42
<b>-200F</b>	135	28	1	16
<b>-8X</b>		53		3
<b>-9X</b>		273		8

Source: Air Finance

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The current B777-300ER market is in average condition, as it remains the best-selling aircraft in its class. However, the chart above indicates a backlog covering production only out to early 2018 at the current rate of 8.3 B777 aircraft per month. This would leave Boeing with a production gap of 300+ unsold B777 aircraft delivery slots until the B777-9X enters service in mid-2021.

Values for new B777-300ERs and B777-200Fs would have markedly decreased if Boeing had held firm on its promise not to cut B777 production rates during the transition from the B777-300ER to the B777-9X. However, Boeing has now announced cuts to the current 8.3 per month B777 production rate to seven aircraft per month beginning in 2017 and to 5.5 aircraft per month in 2018 and 2019.

Even after these reductions, we believe additional production cuts down to 4 or 3.5 B777 aircraft per month will be needed for Boeing to fully bridge the gap to 2021. Additionally, analysts still wonder if customers will buy current technology B777s in 2018 or 2019, instead of opting for more readily available A-350s, or just waiting for the B777X family in the year 2021 and beyond.

In our view, Boeing will have to sell 150+ of additional B777 family aircraft between now and 2021 for the company to maintain any kind of pricing power for the current B777 family, even with its announced production cutbacks. However, the B777-300ER aircraft does have financially strong owners and operators with 446 out of the total 1386 in service B777 fleet currently on operating leases and a world-wide, evenly-distributed, operator base.

But with only 42 current B777-300ER operators, of which less than 20 have the financial capabilities to place large orders, it is difficult to imagine where customers for orders of 150+ aircraft will emerge between now and 2021. Even if large orders for the B777 are announced in the near future, we believe those orders will be heavily discounted and they will put immediate pressure on both new and used B777 current market values.

AISI's most recent July 2017 values update, reflecting the above concerns, shows year over year declines in base and current market values for an average-build, new B777-300ER aircraft of 4% and 4%, respectively. We expect these values to continue to decline in light of Boeing's announced B777 future production rates.

Currently, early year-of build B777-200 and B777-200ER aircraft are beginning to be parted out. This development reflects an average 25 year wide-body aircraft economic useful life and is not an indication that even these early-build aircraft are falling out of favor. The costs of major airframe checks and the benefits of continued low interest rates make replacing the oldest B777s with newer aircraft very compelling. Unfortunately for Boeing, the number of B777 aircraft nearing the end of their operating lives is not significant enough to put a dent in their earlier-mentioned production gap.



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The B777-300ER is a candidate for cargo conversion but with a 2004 entry into service, residual values are still too high to add to an approximately \$30 million USD cargo conversion cost. Boeing has announced a program of converting ageing B777-300ERs as part of a new-aircraft sales campaign, but so far, no orders for conversions have been announced. B777-200 family aircraft are considered sub-optimal to the B777-300s with regard to cargo conversions.

As major airlines continue to opt for wide-body twins over four-engined aircraft on premium routes, we see only moderate over-production threats (which could be further mitigated by Boeing), to the B777-300ER market. Continued low fuel prices and interest rates should help support B777-300ER values and may even help Boeing make the case for current technology B777s over higher-cost, next generation B777X and A350 aircraft.

**3. Valuations**

The B737-800 and the B737-900ER aircraft are 120 minute ETOPs certified and are equipped with split scimitar winglets installed by United after delivery from Boeing. Split scimitar winglets are the latest technology winglets which provide significant fuel savings and performance increases over the standard, blended winglets normally found on B737-800 aircraft. The B737-800 and the B737-900ER aircraft are at the highest MTOW available and have a high thrust engine variant.

The B777-300ER aircraft are assumed to be capable of 330 minute ETOPS operation with the avionics and equipment necessary for that capability. They are also equipped with both overhead flight crew and cabin crew rest facilities and have a large aft cargo door. The 775,000 pound MTOW on the B777-300ER aircraft is the highest MTOW option available.

The 787-9 aircraft are capable of 330 minute ETOPS operation with the avionics and equipment necessary for that capability and are equipped with both overhead flight crew and cabin crew rest facilities.

It is our considered opinion that the sight unseen maintenance adjusted base values as of 30 September 2017, are as follows in Table I subject to the assumptions, definitions, and disclaimers herein.

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**TABLE I**

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Report Dated: 10 October 2017

Values as of: 30 September 2017

No	Type	Reg Num	MSN	DOM	Engine	MTOW	Maintenance Adjusted
							Base Value Sep-17 \$MUS Dollars
1	B737-800	N77538	63694	Dec-16	CFM56-7B27E/F	174,200	47.31
2	B737-900ER	N61898	62815	Dec-16	CFM56-7B27E/F	187,700	47.91
3	B737-900ER	N63899	62816	Dec-16	CFM56-7B27E/F	187,700	48.00
4	B737-900ER	N38479	62817	Dec-16	CFM56-7B27E/F	187,700	48.12
5	787-9	N29968	60141	Jan-17	GE90-115BL	560,000	135.10
6	787-9	N15969	60142	Feb-17	GE90-115BL	560,000	135.74
7	777-300ER	N2737U	62647	Mar-17	GE90-115BL	775,000	152.75
8	777-300ER	N2140U	62651	Jun-17	GE90-115BL	775,000	154.22
9	777-300ER	N2639U	62650	May-17	GE90-115BL	775,000	154.49
10	777-300ER	N2341U	63721	Jun-17	GE90-115BL	775,000	154.40
11	777-300ER	N2142U	63722	Jun-17	GE90-115BL	775,000	154.93
12	777-300ER	N2243U	63723	Jun-17	GE90-115BL	775,000	155.09
13	777-300ER	N2644U	63724	Jun-17	GE90-115BL	775,000	155.27
TOTALS							1,543.33

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10 October 2017

AISI File No. A7S071BVO-03

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Unless otherwise agreed by AISI in writing, this report shall be for the sole use of the client/addressee. This report is offered as a fair and unbiased assessment of the subject aircraft. AISI has no past, present, or anticipated future interest in any of the subject aircraft. The conclusions and opinions expressed in this report are based on published information, information provided by others, reasonable interpretations and calculations thereof and are given in good faith. AISI certifies that this report has been independently prepared and it reflects AISI's conclusions and opinions which are judgments that reflect conditions and values current at the time of this report. The values and conditions reported upon are subject to any subsequent change. AISI shall not be liable to any party for damages arising out of reliance or alleged reliance on this report, or for any party's action or failure to act as a result of reliance or alleged reliance on this report.

Sincerely,

***AIRCRAFT INFORMATION SERVICES, INC.***

Dave Miller

Certified Appraiser, International Society of Transport Aircraft Trading

Mark D. Halsor

Certified Appraiser, International Society of Transport Aircraft Trading

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1295 Northern Boulevard  
Manhasset, New York 11030  
(516) 365-6272 Fax (516) 365-6287

October 17, 2017

Mr. Jay Zukanovic

United Airlines, Inc.

233 S. Wacker Drive, 14<sup>th</sup> Floor HDQFT

Chicago, IL 60606

Dear Jay:

In response to your request, BK Associates, Inc. is pleased to provide our updated opinion regarding the Base Values (BV) for 13 Boeing aircraft in the United Airlines, Inc. fleet. The aircraft include one Boeing 737-800, three Boeing 737-900ERs, two Boeing 787-9s and seven Boeing 777-300ERs, all of which are identified as United 2016-2 EETC. Each of the Boeing aircraft is further identified by type, manufacturer's serial number, registration number, delivery month, engine type/variant and maximum takeoff weight in the attached Figure 1. We previously appraised these aircraft for you on August 29, 2016.

**CONCLUSIONS**

Based upon our knowledge of these aircraft types, our knowledge of the capabilities and uses to which they have been put in various parts of the world, our knowledge of the marketing of used aircraft, and our knowledge of aircraft in general, it is our opinion that the BV in millions of U.S. dollars of each aircraft are as shown in Figure 1.

The B737-900ERs and B737-800s are equipped with scimitar winglets, the B787-9s are equipped with crew rest areas and the B777-300ERs are equipped with crew rest areas and a cargo door.

**DEFINITIONS**

According to the International Society of Transport Aircraft Trading's (ISTAT) definition of Current Market Value (CMV), to which BK Associates, Inc. subscribes, the quoted CMV is the Appraiser's opinion of the most likely trading price that may be generated for

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United Airlines, Inc.

October 17, 2017

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an aircraft under the market circumstances that are perceived to exist at the time in question. The CMV assumes that the aircraft is valued for its highest and best use, that the parties to the hypothetical sale transaction are willing, able, prudent and knowledgeable, and under no unusual pressure for a prompt sale, and that the transaction would be negotiated in an open and unrestricted market on an arm's length basis, for cash or equivalent consideration, and given an adequate amount of time for effective exposure to prospective buyers, which BK Associates, Inc. considers to be 12 to 18 months. The market value normally refers to a transaction involving a single aircraft. When multiple aircraft are acquired in the same transaction, the trading price of each unit may be discounted.

BV is the Appraiser's opinion of the underlying economic value of an aircraft in an open, unrestricted, stable market environment with a reasonable balance of supply and demand, and assumes full consideration of its highest and best use. An aircraft's BV is founded in the historical trend of values and in the projection of future value trends and presumes an arm's length, cash transaction between willing, able and knowledgeable parties, acting prudently, with an absence of duress and with a reasonable period of time available for marketing.

For comparison purposes, it is the convention to assign half-time, half-life values to aircraft, which represent the value of an aircraft that is halfway between the expensive major maintenance events. The adjustments are based on industry average costs, and normally would include an adjustment for the time remaining to a C check, time remaining to a D check, time remaining to landing gear overhaul, time remaining to APU overhaul, time since heavy shop visit on the engines and for the life remaining on engine life limited parts. In this case, all of the aircraft are too new to have reached half-time and a modest adjustment was estimated for each aircraft.

**MARKET DISCUSSION & METHODOLOGY**

For new or nearly new delivered aircraft one can argue that, almost by definition, the BV is approximately equal to the actual selling price. Without the existence of white tails or finished aircraft for which there is no buyer, the very existence of a buyer and seller at the agreed price suggests the market is in balance and the purchase price is the BV.

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We do not know the purchase price of the aircraft but we do know the current published Boeing list price averages \$101.90 million for the Boeing 737-900ERs and \$96.00 million for the 737-800 depending on the configuration and options. For the Boeing 787-9 and 777-300ER, it is \$264.60 million and \$339.60 million, respectively. We also know that nobody pays list price and the discount is normally at least 40 percent with much larger discounts often applied for buyers placing large orders. Because of confidential actual transaction prices some of our clients have shared with us, we are convinced a typical price for the Boeing 737-800 aircraft is approximately \$50.75 million and a new Boeing 737-900ER aircraft is approximately \$54.50 million. The B787-9 ranges between \$146 and \$149 million while the B777-300ER is in the \$174 million region. The inclusion of items such as crew rest areas or scimitar winglets can increase the value of the aircraft. As noted in the first sentence of this section, for a new aircraft the BV is equal to the purchase price.

The adjustments added to the half-life values in Figure 1 are estimates of depreciation based on the flight cycles accumulated to date.

**ASSUMPTIONS & DISCLAIMER**

It should be understood that BK Associates, Inc. has neither inspected the aircraft nor the related maintenance records, but has relied upon the information provided by you and in the BK Associates, Inc. database. The assumptions have been made that all Airworthiness Directives have been complied with, accident damage has not been incurred that would affect market values, and maintenance has been accomplished in accordance with a civil airworthiness authority's approved maintenance program and accepted industry standards. Further, we have assumed unless otherwise stated, that each aircraft is in typical configuration for the type and has accumulated an average number of hours and cycles. Deviations from these assumptions can change significantly our opinion regarding the values.

BK Associates, Inc. has no present or contemplated future interest in the aircraft, nor any interest that would preclude our making a fair and unbiased estimate. This appraisal represents the opinion of BK Associates, Inc. and reflects our best judgment based on the information available to us at the time of preparation and the time and budget constraints imposed by the client. It is not given as a recommendation, or as an inducement, for any financial transaction and further, BK Associates, Inc. assumes no responsibility or legal liability for any action taken or not taken by the addressee, or any other party, with regard

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United Airlines, Inc.

October 17, 2017

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to the appraised equipment. By accepting this appraisal, the addressee agrees that BK Associates, Inc. shall bear no such responsibility or legal liability. This appraisal is prepared for the use of the addressee and shall not be provided to other parties without the express consent of the addressee.

Sincerely,

BK ASSOCIATES, INC.

John F. Keitz  
President  
ISTAT Senior Certified Appraiser  
And Appraiser Fellow

JFK/kf

Attachment

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**Table of Contents****Figure 1**

## UNITED AIRLINES, INC.

2016-2 EETC Update

## PORTFOLIO

	Type	Airframe Serial #	Registration		Delivery Month	MTOW	Engine			U.S. \$ (Mil) Adj. BV
			No.				Type	Hours	Cycles	
1	737-800	63694	N77538		12/16	174,200	CFM56-7B27E/F	2,453	916	46.69
1	737-900ER	62815	N61898		12/16	187,700	CFM56-7B27E/F	2,729	983	51.70
2	737-900ER	62816	N63899		12/16	187,700	CFM56-7B27E/F	2,557	932	51.69
3	737-900ER	62817	N38479		12/16	187,700	CFM56-7B27E/F	2,380	860	51.56
1	787-9	60141	N29968		01/17	560,000	GE90-115BL	2,482	390	148.95
2	787-9	60142	N15969		02/17	560,000	GE90-115BL	2,089	319	149.02
1	777-300ER	62647	N2737U		03/17	775,000	GE90-115BL	1,115	135	165.12
2	777-300ER	62651	N2140U		06/17	775,000	GE90-115BL	852	112	166.25
3	777-300ER	62650	N2639U		05/17	775,000	GE90-115BL	1,034	142	166.20
4	777-300ER	63721	N2341U		06/17	775,000	GE90-115BL	727	106	166.31
5	777-300ER	63722	N2142U		06/17	775,000	GE90-115BL	652	78	166.33
6	777-300ER	63723	N2243U		06/17	775,000	GE90-115BL	366	53	166.45
7	777-300ER	63724	N2644U		06/17	775,000	GE90-115BL	152	27	166.52

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**aviation consulting**  
**Desktop Appraisal of:**  
Thirteen (13) Aircraft  
**Client:**  
United Airlines, Inc.  
**Date:**  
October 18, 2017

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Table of Contents

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**I. Introduction and Executive Summary**

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**Morten Beyer & Agnew ( mba )** has been retained by United Airlines, Inc. (the Client ) to provide a Desktop Appraisal (the Report ) to determine the Current Base Values of thirteen (13) various aircraft (collectively the Subject Aircraft ), as of September 30, 2017. The Subject Aircraft are fully identified in Section IV of this Report.

In performing this Appraisal, mba relied on industry knowledge and intelligence, confidentially obtained data points, its market expertise and current analysis of market trends and conditions, along with value information from its semiannual Future Aircraft Values ( FAV ) publication *redbook* **July 2017**.

Based on the information set forth in this Report, it is mba s opinion that the total Current Base Value of the Subject Aircraft are as follows and as set forth in Section IV.

	<b>Current Base Value (US\$)</b>
<b>Thirteen (13) Aircraft Total</b>	<b>\$ 1,584,540,000</b>

Section II of this Report presents definitions of various terms, such as Current Base Value as promulgated by the Appraisal Program of the International Society of Transport Aircraft Trading (ISTAT). ISTAT is a non-profit association of management personnel from banks, leasing companies, airlines, manufacturers, brokers, and others who have a vested interest in the commercial aviation industry and who have established a technical and ethical certification program for expert appraisers.

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**II. Definitions**

***Desktop Appraisal***

A desktop appraisal is one which does not include any inspection of the aircraft or review of its maintenance records. It is based upon assumed aircraft condition and maintenance status or information provided to the appraiser or from the appraiser's own database. A desktop appraisal would normally provide a value for a mid-time, mid-life aircraft (ISTAT Handbook).

***Base Value***

ISTAT defines Base Value as the Appraiser's opinion of the underlying economic value of an aircraft, engine, or inventory of aircraft parts/equipment (hereinafter referred to as the asset), in an open, unrestricted, stable market environment with a reasonable balance of supply and demand. Full consideration is assumed of its highest and best use. An asset's Base Value is founded in the historical trend of values and in the projection of value trends and presumes an arms-length, cash transaction between willing, able, and knowledgeable parties, acting prudently, with an absence of duress and with a reasonable period of time available for marketing. In most cases, the Base Value of an asset assumes the physical condition is average for an asset of its type and age. It further assumes the maintenance time/life status is at mid-time, mid-life (or benefiting from an above-average maintenance status if it is new or nearly new, as the case may be). Since Base Value pertains to a somewhat idealized asset and market combination it may not necessarily reflect the actual current value of the asset in question, but is a nominal starting value to which adjustments may be applied to determine an actual value. Because it is related to long-term market trends, the Base Value definition is commonly applied to analyses of historical values and projections of residual values.

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**Qualifications**

mba is a recognized provider of aircraft and aviation-related asset appraisals and inspections. mba and its principals have been providing appraisal services to the aviation industry for over 25 years; and its employees adhere to the rules and ethics set forth by ISTAT. mba employs five ISTAT Certified Appraisers, one of the largest certified staff in the industry. mba's clients include most of the world's major airlines, lessors, financial institutions, and manufacturers and suppliers. mba maintains offices in North America and Asia.

mba publishes the semiannual FAV, a two-volume compendium of current and projected aircraft values for the next 20 years for over 150 types of jet, turboprop, and cargo aircraft.

mba also provides consulting services to the industry relating to operations, marketing, and management with an emphasis on financial/operational analysis, airline safety audits and certification, utilizing hands-on solutions to current situations. mba also provides expert testimony and witness support on cases involving collateral/asset disputes, bankruptcies, financial operations, safety, regulatory and maintenance concerns.

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**III. Current Market Conditions**

***GENERAL MARKET OBSERVATION 3<sup>RD</sup> QUARTER 2017***

An essential consideration in any appraisal is market conditions at the time the valuation is rendered. This section defines market conditions, including general market commentary, highlighting major factors currently influencing aircraft values, as well as mba's view of the current market situation for each aircraft type examined in this valuation.

***PASSENGER TRAFFIC***

There are a number of variables which have historically shown a strong correlation to aircraft values. These variables include but are not limited to oil prices, revenue passenger kilometer ( RPK ) growth, global gross domestic product ( GDP ), as well as placement on the production line, ubiquity, and technical obsolescence, active to parked ratio, production status, and order backlog. Many of these factors, like placement on the production line, production status, and technical obsolescence, can help predict long-term values prospects. Other factors, like oil prices and active to parked ratio, offer insight into short-term value fluctuations.

One way to understand the current health of the commercial aviation industry is to consider the number of new aircraft orders and RPK growth, which International Air Transport Association ( IATA ) defines as the number of paying passengers multiplied by total kilometers flown, both of which historically been highly correlated to world GDP. mba relies on annual GDP metrics published by the World Bank and International Monetary Fund ( IMF ) to measure the overall global economy to determine historical correlation and understand the short-term economic forecast. By looking at the forecasted world GDP, we can understand the potential RPK growth which historically has influenced new aircraft orders as passenger demand increases.

Source: iata.org; AerData; OEMs; worldbank.org

United Airlines, Inc.

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While historically GDP and RPKs have been closely aligned, in the 2017 Global Market Forecasts, The Boeing Company ( Boeing ) and Airbus S.A.S ( Airbus ) are forecasting annual RPK growth of 4.6% and 4.4% respectively, over the next 20 years. This exceeds short-term IMF GDP predictions of 3.6% expected growth in 2017 and 3.7% in 2018. However, the forecasted GDPs of emerging and developing economies is collectively expected to be around 4.6% in 2017 while emerging and developing Asia is forecasted to grow at 6.5% over the same period. According to Boeing's GMF, RPKs in domestic China will grow at 6.1% annually over the next 20 years, and will exceed the domestic United States ( U.S. ) market, currently the largest in the world by passenger traffic, before 2037. Traffic within Asia is also expected to grow at 5.7% annually, placing it far ahead of the rest of the world when measuring RPKs. With Asia Pacific expecting to make up 37.0% of the world's passenger fleet by 2036, compared to 28.0% as of 2015, there has been a shift in GDP and RPK correlation falling away from U.S. economic metrics and closely aligning with Asia's emerging market growth.

In June 2017, IATA reported a positive global RPK growth rate of 7.5% year-on-year. Mostly every region saw an increase of international RPKs, but overall averages were brought down by the North American market. Africa, Asia Pacific, Europe, and Latin America saw international RPK growth rates at 9.2%, 9.1%, 8.8%, and 9.4%, respectively, in H1 2017, while North America lagged behind with a 4.3% international RPK growth rate. Though not as high as competing regions, the international RPK growth rate in North America is an increase of 2.3 percentage points compared to the same period for 2016. The Middle East saw a reasonable international RPK growth rate of 7.3% for H1 2017, but this is a drop of 3.7 percentage points compared to H1 2016. In addition, the year-on-year June 2017 international RPK growth in the Middle East was a mere 2.5%, falling behind North America. The declining growth rates in the region however, are likely attributed to an in-cabin laptop ban from certain Middle East and Northern Africa cities to North America, which spanned from March to July 2017, and should recover in H2 2017.

Domestic RPK traffic increased by 8.2% year-on-year in June 2017, but is comprised of major regional contrasts. Domestic traffic in the U.S. grew 3.4% in 2016 and 3.3% YTD as of June 2017, marking a slowdown from the ten-year high domestic growth rate of 4.9% in 2015. India continues to experience strong RPK growth in 2017 with a domestic growth rate of 20.3%. Brazil's domestic RPKs recovered from having contracted 5.5% in 2016 to a positive growth rate of 1.6% as of June 2017. China posted a domestic RPK growth rate of 17.6% in 2017, which was an increase from the 11.3% from June 2016 year-on-year, though still falls behind India. After a slowdown in domestic traffic in 2016, Japan and Russia both jumped from 0.9% and 0.7%, to 7.9% and 9.7%, respectively, as both countries economies have continued to recover and strengthen in 2017.

Overall, through June 2017, global international RPKs rose by 7.5% and Domestic RPKs by 8.2%, indicating potential for the strongest traffic growth year in six (6) years. YTD domestic RPKs were boosted by strong growth in India (20.3%) and China (17.6%).

United Airlines, Inc.

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Source: IATA.org: June 2017

Traffic in Europe, particularly international traffic, has rebounded from disruptions caused by terrorism and political instability in 2016, and has seen increases in RPKs from 1.9% in 2016 to 8.8% in H1 2017. The recession and turmoil in Russia hurt the industry in 2016, but increased year-on-year domestic RPK growth in June 2017 of 9.7% suggests recovery. Latin American airlines have been hit hard by weak home markets and currencies, as RPK growth fell from 7.6% in 2015 to just 3.5% in 2016 but have rebounded and saw 6.7% RPK growth year over year as of June 2017. The Brazilian market was hit especially hard as domestic RPKs fell 5.5% in 2016, but as of June 2017 YTD, the domestic market has seen 1.0% RPK growth. Much of Brazil's downward spiral is attributed to the decreasing oil prices, as they are a major crude oil exporter, coupled with their political instability.

***FREIGHTER TRAFFIC***

IATA's May 2017 Air Freight Market Analysis shows that industry-wide freight tonne kilometers ( FTKs ) grew by 12.7% year-on-year, far outpacing the five (5) year average annual growth rate of 3.8%. While every region experienced strong FTK growth in May 2017, Africa accounted for the highest growth rate of 28.8%, followed by North American and Europe with 19.3% and 15.2%, respectively. IATA attributes the recent performance to the increase in exports, as shown by the global purchasing managers' index ( PMI ) remaining close to a six-year-high level, in conjunction with air cargo firms increasing efficiency with stocking speeds. Freight traffic is highly seasonal, and seasonally adjusted growth rates have been increasing in recent months. While available freight tonne kilometers ( AFTK ) rose by 5.2% in May and continue to trend upwards towards 6.5%, the spike in FTKs in May far exceeded the capacity and is now at its highest level since 2014. The outpacing of FTKs over AFTKs should be beneficial for yields.

United Airlines, Inc.

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This, in addition to the February 2017 commencement of the Trade Facilitation Agreement led by the World Trade Organization, which was enacted to promote global commerce, should lead to faster, cheaper, and easier trade through an estimated 14.3% cut in trade costs. However, there has been speculation about whether the industry is at the peak of the freight market's cyclical growth as the ratio of global inventories compared to sales continues to grow. In spite of this, IATA expects demand to grow at a continual robust rate of 8.0% during Q3 of 2017, which will help boost freighter traffic and aircraft values.

***COMMERCIAL AIRCRAFT ORDERS***

After record numbers of orders for Airbus and Boeing in 2014, orders have since slowed. This can likely be attributed to combination of long lead times before delivery, economic uncertainty in some markets, and lower fuel prices, which lessened the urgency to replace older planes. In 2016, Boeing failed to sell as many planes as it had delivered, and the situation continued in H1 2017 with 400 net orders and 410 deliveries. Boeing's 737 family led the way with 275 net orders, followed by 78 orders for the 787, 37 orders for the 777, and 15 orders for the 767 tanker by the U.S. Air Force. In addition, five (5) 747 orders were cancelled. In total, Boeing's total deliveries total up to 352 in 2017. Boeing's current backlog stands at 5,705 aircraft and production lines filled out until 2025 for certain types.

Similar to Boeing, Airbus had a slow start of 2017, surmounting to 205 net orders. Airbus received 175 net orders for the A320 family, 44.0% of which were for the current neo aircraft, 30 orders for the A350 family aircraft, six (6) orders for the current generation A330-200, two (2) cancellations for the A380, and four (4) cancellations for the A330-800neo. Despite a slow order book, Airbus is still ahead of Boeing in terms of backlog with 6,726 unfulfilled orders as of July 31, 2017, with backlogs filled out until 2026 for certain types.

In the regional and turboprop space, with some overlap into the narrowbody market segment, competition continues to grow between Embraer, Bombardier, ATR, Comac, Mitsubishi, and Irkut. At the Paris Airshow in June 2017, Embraer received 38 new orders for its EJet family, while Bombardier garnered 34 orders for its Q400 turboprop. Surprisingly, Bombardier's new CSeries has not received any new orders for 2017, however, given the popularity of the aircraft with current operators, the manufacturer is likely to increase its order book by the end of the year. ATR lead the order book race for 2017 so far, and reached their mid-year commercial goal of 89 orders, 17 of which were picked up at the airshow. Comac, a new Chinese aircraft manufacturer launching the C919, a direct competitor with Airbus 320 and Boeing 737, has not received any firm orders in 2017 and remains to have a small order book of 99 aircraft, all with Chinese carriers. Similar to Comac's C919, Irkut, a Russian aerospace conglomerate, is launching the MC-21, which will fly in the same competitive space as the C919, A320 and B737. Currently with 175 orders, Irkut received 21 additional orders in 2017, all from Russian airlines.

United Airlines, Inc.

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**Table of Contents*****OIL PRICES***

In addition to being reliant on global GDP, the aviation industry is closely tied to the cost of fuel. After a period of volatility from 2007 to 2011, oil prices remained over US\$100.00 per barrel until the end of 2014 when prices began to fall. By January 2016, Brent crude fell to a new 13-year low, as it dropped under US\$28.00 per barrel. As of 2017 oil prices have hovered around US\$50.00 per barrel. Oil prices were around US\$51.00 per barrel as of August 2017, and questions remain about the long-term sustainability of a continued low-fuel-price environment. Though the

Source: Energy Information Agency, [www.eia.gov](http://www.eia.gov)

future of oil prices remains uncertain, it can be assumed the supply-demand balance will favor a lower plateau in the short term due to continued production for the major oil suppliers and a reduction in demand worldwide.

In November 2016, OPEC agreed to cut oil supply starting January 2017 to a 32.5 million barrels per day ( bpd ) production target in order to prop-up prices. Additionally, 11 non-OPEC producers agreed to cut production by 1.2 million bpd in H1 2017. Despite this agreement, oil production has continued to rise, as rising U.S. crude oil stockpiles have offset cuts from OPEC countries.

Low oil prices have resulted in airlines delaying the delivery and purchase of new, fuel efficient aircraft, as operating economics of older aircraft become more profitable. Current generation aircraft have benefited and market values for aging aircraft with soon to be out-of-production programs have remained stable. Four-engine aircraft, however, have not received the benefit and are still seeing significant market softness as operators move towards the better operating economics of large twin engine aircraft.

The low oil price has added an element of dissuasion from airlines investing in newer, more fuel-efficient models. This scenario has led to cost saving benefits of the newer models becoming less of a draw, and the marketed 10.0%-15.0% fuel burn improvement offering less cash savings per trip. This has resulted in slightly lower than anticipated purchase prices and lease rates for new technology aircraft.

United Airlines, Inc.

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***GLOBAL EVENTS IMPACT ON AVIATION***

In addition to macroeconomic factors, aviation can be heavily influenced by regional political, economic, and risk-related factors. The U.S. aircraft cabin ban on Personal Electronic Devices (PEDs) enacted in March 2017 and later removed in July 2017, was to address fears that bombs concealed in electronic devices could be taken aboard aircraft from eight (8) countries: Jordan, Qatar, Kuwait, Morocco, United Arab Emirates, Saudi Arabia, Egypt, and Turkey. As a result, passenger traffic in the Middle East fell from 10.8% in 2016 to 7.3% in H1 2017, but is likely due to recover in H2 2017, now that the ban has been lifted.

In June, restrictions on air travel were imposed on Qatar by some Middle Eastern nations, who have cut off diplomatic ties with Doha. Led by Saudi Arabia; Egypt, the United Arab Emirates and Bahrain have severed diplomatic ties and cut off transport links with Qatar. Qatar Airways is likely to see some significant impact on its revenue, as not only can it no longer access the nine (9) cities that it flies to in those countries, but aircraft are also banned from the corresponding airspace. This has resulted in extended routes for those legs going west from Doha. While the long-term impacts are yet to be seen, the short-term ramifications on both passenger and cargo traffic are being felt by the whole region.

Economic growth in Asia remains high, but in recent years has seen a slowdown from some of the fastest growing counties, like China. China's economy grew at 6.7% in 2016, the slowest growth rate the country has experienced in the last quarter century. The IMF forecasts a growth rate of 6.6% for China in 2017 and 6.2% in 2018, indicating the economy is unlikely to recover to pre-2015 growth rates. In addition, major Asian carriers including Singapore Airlines, Cathay Pacific, and Air Asia reported Q1 losses, mainly attributed to a spike in oil prices, up 30.0% from Q1 2016, and increased competition pushing down ticket prices. The recent fall of oil prices back to US\$50.00 per barrel is likely to help the airlines regain profitability in Q2, but raises concern should oil prices rise above US\$60.00 in the near term.

With the demand for air travel increasing rapidly in Asia Pacific, low-cost carriers like VietJet, AirAsia, and LionAir have ordered nearly four (4) times their current fleet, anticipating high growth. While the region is slated to yield high growth rates, there is concern over the ability of the carriers to take delivery of all their orders. A significant number of cancellations could impact Boeing's and Airbus' production lines and potentially aircraft values if an oversupply occurs. While these order books should be watched, Asia's passenger traffic is expected to continue growing at strong rates, driving the demand and need for additional aircraft in the region, with a particular emphasis on narrowbody aircraft.

United Airlines, Inc.

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Latin America's economies remain volatile, with Brazilian and Venezuelan aviation markets and economies struggling in particular. The Latin America region as a whole is besieged with a lack of infrastructure development and inhibitive taxes and regulations, all of which are slowing growth. Even though the short-term economic outlook is challenging for the region, the long-term prospects are more promising with airline fleet growth and passenger traffic on the rise. Regional carrier capacity is expected to grow by 4.8% with signs of improvement in capacity, economic prospects, and operating conditions.

With international passenger growth at a strong 9.2% for H1 2017, Africa continues to show positive growth over the past two (2) years. After a slowdown in passenger traffic growth due to the Ebola outbreak in West Africa and terrorist attacks in many countries including Tunisia, Egypt, Somalia, Sudan, and Kenya, Africa has managed to achieve some economic stability. H1 2017 saw an 8.1% passenger traffic increase and load factors rising 2.5% to 68.6%. Despite positive indicators for 2017, concerns remain for some of the highest passenger traffic regions. South Africa entered a recession in the beginning of 2017, putting further strain on the flag carrier South African Airways, and Kenya's recent election has caused political violence in the capital. However, Africa is an incredibly large and widely varied continent, with many opportunities for growth in the coming years.

The United Kingdom's ( U.K. ) vote to exit from the European Union ( EU ) on June 23, 2016 is causing a considerable amount of uncertainty in the market and will continue to do so until the precise details of the exit are fully resolved. It could be over two (2) years for the U.K. and EU to agree on all aspects of Brexit, as there are both regulatory and economic impacts. The British government recently announced its intention to pursue a hard Brexit which would force the U.K. to operate under World Trade Organization ( WTO ) rules, potentially harming its economy until trade agreements are signed. On March 28, 2017, Theresa May, the British Prime Minister, formally invoked Article 50 of the Treaty of the European Union, triggering the two (2) year exit process from the EU. If the British Government fails to negotiate freedom of movement between Europe and the U.K., demand for air travel between mainland Europe and the U.K. is likely to fall, as bilateral agreements between the EU and other foreign entities may no longer apply to the U.K., which is a major aviation market and home to London Heathrow Airport, which is one of the world's largest airports.

The overall picture of the global economy is marked by uncertainty. Concerns over Brexit are still very much warranted, profitability in Asia experiencing a set-back brings to light the delicacy of the growing region, and recent terror attacks around the world are causing economic volatility. However, passenger demand continues to grow and manufacturers' backlogs extend out until the mid-2020s for Boeing and Airbus, respectively. The aviation industry as a whole is seeing a significant amount of volatility, with certain aircraft types within each asset class performing better than others, creating both opportunities and threats in the market for airlines, lessors, financiers, and manufacturers.

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**737-800**

***OVERVIEW***

The 737-800 is the best-selling version of the 737NG family of aircraft, which also includes the 737-600, the 737-700, the 737-900 and the 737-900ER. The 737-800 is a replacement for the 737-400 Classic, and is a stretched version of the 737-700. The aircraft entered service with Hapag-Lloyd Flug (TUifly) in 1998. The aircraft has been a commercial success for Boeing, selling over 5,000 units. Even with the launch of the 737-800s replacement, the 737 MAX, demand for the 737-800 remains strong, as Boeing currently has a backlog of 713 aircraft. Many carriers in the United States purchased the aircraft to replace the Boeing 727-200, as well as the MD-80 and MD-90. The 737-800 operates with sole-source CFM56-7B engines, but customers can choose from a number of engine thrust ratings to suit operational needs. The aircraft comes standard with blended winglets, but customers also have the option of purchasing Split-Scimitar winglets that offer increased fuel efficiency.

**Positives**

Most popular member of the highly successful 737NG family.

Large operator base is geographically diverse.

Well received by majority of operator types.

Very low percentage of existing fleet currently parked.

Sole source engines ease remarketing to secondary operators.

**Neutral**

Based on demand for conversions of its predecessor the 737-400, it is likely to become a successful freighter conversion; however current 737-400 freighter operations will have other options in terms of converted narrowbody freighters, with 737-700 and A320 passenger-to- freighter conversion options becoming available in the near term.

**Negatives**

Backlog favors the 737 MAX, due to enter service in 2017. The introduction of the 737 MAX will affect values of the 737-800 in the long term.

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As of July 2017, there are currently 4,453 active 737-800 aircraft in service with 190 operators. Since the start of the 737-800 s production run, Boeing has received 5,045 orders for the 737-800, making the type the most popular aircraft variant in the world. While the A320-200 comes close to matching the 737-800s popularity with 4,728 orders, the A320-200 started production a decade before the 737-800 was launched.

<b>Net Orders</b>	<b>5,045</b>
<b>Backlog</b>	<b>523</b>
<b>Delivered</b>	<b>4,522</b>
<b>Destroyed/Retired</b>	<b>12</b>
<b>Not in Service/Parked</b>	<b>57</b>
<b>Active Aircraft</b>	<b>4,453</b>
<b>Number of Operators</b>	<b>190</b>
<b>Average Fleet Age (Yrs)</b>	<b>6.9</b>

Source: mba REDBOOK July 2017

***NOTABLE DEVELOPMENTS***

In June 2017, West Atlantic becomes launch customer for 737-800BCF through lease of four aircraft from GECAS. (aircargoweek)

In June 2017, GECAS announced plans to convert a further 30 B737-800s into freighters, with the feedstock aircraft coming from GECAS existing portfolio and converted when the aircraft end their current passenger leases from 2018 onward. (aviator.aero)

In April 2017, WestJet (Canada) announced its intention to launch a new, ULCC in Canada subject to agreement with its pilots and any required regulatory approvals. Service is expected to start in late 2017 with an initial fleet of 10 high-density B737-800s. (aviator.aero)

In March 2017, Flybondi (Argentina) announced talks with lessors to lease B737-800s, ahead of 3Q 2017 launch. Carrier is also in talks with Boeing for order of 50 B737 MAX 200s. (aviator.aero)

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***FLEET DEMOGRAPHICS***

Ryanair is the largest operator of the 737-800 with 393 aircraft, or 9.2% of the total fleet. The fact that the largest operator holds a relatively small percentage of the total fleet is a good indication that the aircraft has a highly diverse operator base. The 737-800 is a popular aircraft with both low-cost and network carriers and can be used on domestic and short haul international flights. The aircraft typically seats 162 passengers, but can carry up to 189 passengers in a single class configuration. The 737-800 is also approved for 180 minute extended operations ( ETOPS ) by the FAA, allowing for flexibility on which routes operators use the aircraft. North American carriers have taken advantage of the 737-800 s ETOPS certification by flying the aircraft from the west coast of the United States to Hawaii. These routes previously were served by large widebody aircraft, but the 737-800 has allowed operators to decrease capacity and boost load factors on the routes.

**Five (5) Largest 737-800 Operators**

Source: mba REDBOOK July 2017

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**Current Fleet by Region**

Despite three (3) of the top (5) five carriers being U.S. based, Asia is currently home to the largest fleet of 737-800s, with 38.0% of the total fleet. The aircraft is popular with Chinese operators as well as low-cost carriers and legacy carriers in Asia. The secondary market for the aircraft is stable, in part because airlines in both developing and developed countries are open to acquiring used 737-800s.

Source: mba REDBOOK July 2017

***AIRCRAFT AVAILABILITY***

According to Airfax, as of September 2017, there are 14 737-800s available for sale or lease, representing approximately 0.34% of the current fleet. Two (2) 737-800s are available for sale or lease, while the remaining 12 are available only for lease. The availability of the 737-800 is comparable to other narrowbody aircraft in its market segment. The A320-200 has 0.7% of the fleet available for sale or lease, while the 737-700 has 0.4% of the fleet available.

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***DELIVERIES BY YEAR***

Like other comparable narrowbody aircraft the 737-800 experienced a boom in demand during the first half of the 2010s as operators looked to increase load factors on routes previously served by twin-aisle aircraft. The emergence of low-cost carriers in middle to low income countries such as Lion Air in Indonesia and the steady development of regional airlines in China also contributed to the aircraft segment's rapid growth. Growth in GDP per Capita in developing Asian economies is strongly correlated to growth in the 737-800 order book.

***AIRCRAFT RANKING***

mba's Aircraft Ranking model takes into account numerous factors that affect an aircraft's market standing, on a scale specifically developed for each asset class. These ranking factors are individually weighted and compared against each other to develop mba's overall ranking score for each aircraft type, which is expressed on a scale of 1.00 to 10.00. The most prevalent aircraft configurations are used in the ranking analysis which can be further identified in mba's *redbook* publication or web-based valuation service.

The 737-800 currently has the highest score of all aircraft evaluated by mba, and mba expects this to hold steady in the short-term. The aircraft benefits from its popularity, as it scores high marks for net orders, deliveries, and total active aircraft.

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The 737-800 has a diminishing backlog due to the replacement MAX coming to market in May 2017, but very few aircraft are parked and market values for the type remain stable. A freighter conversion option has been launched, which will help extend the life of the aircraft and offer additional secondary market opportunities.

***OUTLOOK***

The short- to mid-term outlook for the 737-800 is favorable prior to the 737 MAX variants entering service. The aircraft seems to be well positioned in terms of passenger capacity vis-à-vis the current demand in the narrowbody sector, particularly when compared to smaller aircraft, such as the 737-700 and A319, which have not been as successful. The order book for the 737-800 is shrinking due to the nearing end of production, however over 400 aircraft are on backlog as of September 2017, even though many new orders being placed now favor the 737 MAX variant. The long-term outlook will be shaped by the presumed success of the 737 MAX. While not a true clean-sheet replacement, the modified variant represents a break in production and the last 737-800 manufactured will suffer the most from a value perspective. The MAX will offer a 15.0% fuel burn improvement over the current 737-800 aircraft as well as longer maintenance intervals for the C check, which is now every three years and the Heavy Check which is now every nine years. However, with fuel prices remaining low, the cost of ownership for the 737-800 over the 737 MAX 8 may help values remain stable in the medium term.

In addition, freighter conversion programs from Aeronautical Engineers and Boeing may help 737-800 values. As the market is saturated with the MAX, more NG s will become feasible candidates for freighter conversion and presumably an ideal replacement for 727F, and eventually 737-300F and 737-400F aircraft. The first Boeing converted 737-800BCF will be delivered in the fourth quarter of 2017, just ahead of Airbus first delivered EFW A320P2F in 2018. Boeing s 737-800BCF is due to carry 12 pallets and 23.9 tons of cargo 2,000nm. Airbus A320P2F, being built in conjunction with ST Aerospace, will hold 11 pallets and 21 tons of cargo 2,100nm. Though the current market has strongly supported the 737-400F, there have been no Airbus equivalents competing with the type. Having two (2) competing narrowbody freighters, under multiple supplemental type certificated ( STCs), saturating the already fragile air freight market could have a detrimental impact to narrowbody freighter value stability, though they could also be easily absorbed in the right market conditions. Irrespective, Boeing s larger cargo capacity and operator familiarity with previous generation 737 freighters will likely put the 737 freighter aircraft in the more optimal situation.

There is still demand for passenger narrowbody aircraft in the secondary market as well as from first tier carriers capitalizing on low fuel prices. While a large number of NG s and ceos are due off lease in the early 2020s, in the past, the narrowbody market has been able to accommodate large fleets of both types and mba expects this will continue into the future.

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**737-900ER**

***OVERVIEW***

The Boeing 737-900 entered service in 2001 with Alaska Airlines and ended production four (4) years later in 2005 due to a lack of orders. In 2007, the 737-900ER was introduced in place of the 737-900 and entered service with Lion Air as the newest member of the 737 NG family. The 737-900ER features an additional pair of exit doors as well as a flat rear pressure bulkhead to increase interior accommodation to 180 passengers in a typical two (2) class configuration, or up to 215 passengers in a single class. The aircraft has the same external dimensions as the 737-900, but features an increased Maximum Take Off Weight ( MTOW ) of 187,700 pounds, strengthened landing gear and wing structures, up to two (2) optional auxiliary fuel tanks, and winglets. These improvements allow for a range of 3,265 nautical miles, carrying 180 passengers with the installation of the two (2) auxiliary fuel tanks and winglets. In 2013, Boeing announced further improvements on the aircraft with the introduction of optional split-scimitar winglets for new delivery aircraft, or as retrofitable options for existing fleets. The split-scimitars, which are delivered standard on MAX aircraft, are expected to provide an additional 1.8% fuel burn benefit to operators.

**Positives**

Sole source engines ease remarketing to secondary operators.

Commonality with other 737NG variants may increase potential operator base when remarketing.

Increased range allowed the aircraft to directly compete with the Airbus A321-200.

**Negatives**

Fading backlog as operator s order books begin to favor the 737 MAX and A321neo.

Four (4) operators fly over 80.0% of the 737-900ER fleet, which may cause difficulty when trying to place the aircraft on the secondary market.

Program is not as popular as that of its competitor, the A321-200.

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As of July 2017, there are currently 434 active 737-900ER aircraft in service with 17 operators. Since the beginning of the 737-900ER's production run, Boeing has received 510 orders for the 737-900ER. The 737-900ER is not as popular as its main competitor, the A321-200, which has sold over 1,700 units since its launch, though the 737-900ER entered service a decade later.

<b>Net Orders</b>	<b>510</b>
<b>Backlog</b>	<b>76</b>
<b>Delivered</b>	<b>434</b>
<b>Destroyed/Retired</b>	<b>0</b>
<b>Not in Service/Parked</b>	<b>0</b>
<b>Active Aircraft</b>	<b>434</b>
<b>Number of Operators</b>	<b>17</b>
<b>Average Fleet Age (Yrs)</b>	<b>4.2</b>

Source: mba REDBOOK July 2017

***NOTABLE DEVELOPMENTS***

At the Paris Air Show in June 2017, Boeing launched the 737 MAX 10, a stretched version of the 737 MAX 9, after weak initial sales for the 737 MAX 9 over the A321neo. (aviator.aero)

In April 2017, it was announced Delta Air Lines (U.S.) added 10 B737-900ERs to its order book in Q1 2017, bringing total orders for the type to 130 aircraft. (aviator.aero)

In January 2016, Boeing announced it will increase the production rate of the 737 from 42 to 57 aircraft per month by 2019. (USA Today)

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***FLEET DEMOGRAPHICS***

United Airlines is the largest operator of the 737-900ER with 135 aircraft, or 31.1% of the total fleet. Many of these aircraft were inherited from Continental Airlines after the United-Continental merger. The second largest operator is Delta Air Lines, with 18.7% of the fleet. The top five (5) operators of the 737-900ER operate almost 85.0% of all 737-900ERs, which may cause a problem when trying to place a 737-900ER in the secondary market. However, the 737-900ER serves a niche purpose for operators, and therefore, they are more likely to hold on to the aircraft for a long period of time. Aside from Lion Air, the main operators of the type tend to utilize aircraft for the majority of their economic life, which may benefit residual values for the type. American operators use the 737-900ER on transcontinental routes that demand high frequency, which was previously served by larger wide body aircraft. The 737-900ER's range and MTOW capability allows these operators to perform flights with full load-factors.

**Five (5) Largest 737-900ER Operators**

Source: mba REDBOOK July 2017

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**Current Fleet by Region**

North American carriers operate 64.0% of all 737-900ERs, as the aircraft is well suited for transcontinental flights and flights from the West Coast of the U.S. to Hawaii. Asia is home to 28.0% of 737-900ERs, but the vast majority of these aircraft are operated by Lion Air and its subsidiaries. The aircraft is not popular in any other region of the world, with the Middle East being home to 7.0% of the fleet, and Europe being home to 1.0% of the fleet, where the European A321-200 is favored. There are no 737-900ER aircraft in Africa, Latin America, or Oceania.

Source: mba REDBOOK July 2017

***AIRCRAFT AVAILABILITY***

According to Airfax, as of September 2017, there are three (3) 737-900ER aircraft available for sale or lease. Two (2) of the aircraft are Lion Air operated, leased from DVB, and are available for lease, while the other is a BBAM aircraft flying for Spice Jet. All three (3) aircraft are coming off their initial 10-year lease and represent approximately 0.7% of the fleet. Both aircraft available for sale are with Lion Air, while the aircraft available for lease is with Spice Jet.

**737-900ER Availability**

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***DELIVERIES BY YEAR***

Similar to its competitor the A321-200, the 737-900ER increased its popularity in recent years due to network carriers up-gauging their fleets as a reaction to increased competition on routes. Operators also looked to increase load factors on routes previously served by larger twin-isle aircraft. The correlation between load factors and increased 737-900ER orders can be seen in the graph below.

***AIRCRAFT RANKING***

mba's Aircraft Ranking model takes into account numerous factors that affect an aircraft's market standing, on a scale specifically developed for each asset class. These ranking factors are individually weighted and compared against each other to develop mba's overall ranking score for each aircraft type, which is expressed on a scale of 1.00 to 10.00. The most prevalent aircraft configurations are used in the ranking analysis which can be further identified in mba's *redbook* publication or web-based valuation service.

The 737-900ER's score currently lags behind its contemporaries due to a low number of orders, deliveries, a weak backlog, and a very small operator base. The aircraft scores high marks for the fleet's young age, no parked aircraft, and its max payload range performance. Given the soon to be out of production status of the aircraft, the score of the 737-900ER is expected to decline in the medium to long term.

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***OUTLOOK***

There is a neutral short- to mid-term outlook for the 737-900ER. The aircraft has seen an increase of interest as operators move towards larger equipment. However, the A321-200 still sees more success at this time and the 737-900ER's backlog has diminished over the past year. Particularly, as the 757-200 is phased out of current operators, the 737-900ER had an opportunity to fill the role of these aircraft. However, the aircraft lacked the range, performance, and seating capabilities of the 757-200. The long-term outlook will be shaped by the presumed success of the 737 MAX 9 and 10. While not a true clean-sheet replacement, the modified variants represents a break in production and the last 737-900ER manufactured will suffer the most from a value perspective.

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**777-300ER**

***OVERVIEW***

The 777-300ER is an extended range variant of the 777-300 aircraft, a stretched version of the 777-200 and 777-200ER. With a stretched fuselage increasing passenger capacity, the 777-300/-300ER is capable of transporting 63 additional passengers in a typical three (3)-class configuration, or 110 additional passengers in a single class, than its shorter siblings. Though the same size as the 777-300, the 777-300ER offers 2,000nm further range allowing the aircraft to compete on routes previously dominated by four-engine widebody aircraft. The newer technology and operating economics of the twin-engine 777 family have made it one of the most popular widebody aircraft families of all time. In some cases, operators of four (4)-engine have opted to replace aircraft like the 747 with the 777-300ER as the type offers similar capacity and range with the benefits of reduced operating costs.

**Positives**

Healthy geographic distribution, particularly popular in Asia and the Middle East.

GE90-115B is the sole-source engine, which aids in remarketing.

Most popular widebody aircraft in terms of total orders.

**Neutral**

Boeing is cutting production of the aircraft from 8.3 per month to five (5) per month by August 2017, as orders fell short of the company's expectations.

**Negatives**

Backlog from 2018 to 2020 is in question. Even with a reduced production rate in the future, there is market speculation on whether values for the aircraft will be lowered to incentivize buyers.

A large number of aircraft coming off their first leases by the end of the decade and into the early 2020s may negatively affect values.

The 777X may impact residual values of the 777-300ER, though the 777X is not anticipated to enter service until 2020.

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**Table of Contents*****FLEET STATUS***

As of July 2017, there were 722 active 777-300ER passenger-configured aircraft with 39 operators. There are currently no 777-300ERs stored, and none have been retired. The 777-300ER has been able to command a strong order book due to a lack of competing aircraft from Airbus. While the A350-1000 will be a formidable competitor, the order book remains at ~200 aircraft and is not due to enter service until the second half of 2017. Boeing has had a tremendous amount of success selling the aircraft to operators in the Middle East and Asia, who enjoy the aircraft's high passenger capacity and range. With a small order book from the A350-1000 and the 777-300ER's replacement, the 777X, not due to enter service until 2020, the 777-300ERs are expected to retain demand from first tier carriers in the short term.

<b>Net Orders</b>	<b>823</b>
<b>Backlog</b>	<b>101</b>
<b>Delivered</b>	<b>722</b>
<b>Destroyed/Retired</b>	<b>0</b>
<b>Not in Service/Parked</b>	<b>0</b>
<b>Active Aircraft</b>	<b>722</b>
<b>Number of Operators</b>	<b>39</b>
<b>Average Fleet Age (Yrs)</b>	<b>5.4</b>

Source: mba REDBOOK July 2017

***NOTABLE DEVELOPMENTS***

In December 2016, Boeing announced it will cut the production rate of the 777-300ER from seven (7) aircraft per month, to five (5) per month starting in August 2017. (Seattle Times)

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***FLEET DEMOGRAPHICS***

Emirates operates the largest number of 777-300ERs with 134 aircraft, or 18.6% of the total fleet. Cathay Pacific comes in a distant second with 51 aircraft, or 7.1% of the fleet. The 777-300ER is almost exclusively operated by network carriers, as they have the infrastructure and demand for the routes that can support a large widebody aircraft. A potential concern for the 777-300ER is that the majority of aircraft are concentrated with a select few carriers. Once these carriers decide to retire their 777-300ER fleets, owners may have difficulty finding secondary market opportunities due to the size of the aircraft.

**Five (5) Largest 777-300ER Operators**

Source: mba REDBOOK July 2017

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**Current Fleet by Region**

The vast majority of 777-300ERs are located in Asia or the Middle East. The 777-300ER has both the capacity and the range to meet the somewhat unique needs of carriers from both these regions. The 777-300ER has allowed Hong Kong, Dubai, and Doha to become major airport hubs as operators use layovers to connect Asia and the Middle East to the rest of the world. Although Asia has the majority of 777-300ERs, the aircraft has a wider distribution between carriers compared to the Middle East, where 37.0% of the total worldwide fleet is controlled by a small number of operators.

Source: mba REDBOOK July 2017

***AIRCRAFT AVAILABILITY***

According to Airfax, as of September 2017, there are (2) 777-300ER available for lease. The 777-300ER fleet is young, with an average age of 5.4 years old, therefore the majority of aircraft have not come off their initial 10 to 12 year lease. A limited number of operators have the capability to operate an aircraft as large as the 777-300ER and high maintenance costs, though comparatively low given the size, make it prohibitively expensive for many airlines. This may cause an increase in parked and available aircraft by the early 2020s.

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***DELIVERIES BY YEAR***

Demand for the 777-300ER began to increase at the same time the cost of jet fuel began to rise. Operators started to look for an alternative to inefficient four (4)-engined aircraft, such as the 747-400 and the A340 family of aircraft. The twin-engine 777-300ER offers operators an aircraft with a similar capacity to the 747-400 and A340, but at reduced operating costs. The graph below demonstrates operators demand for the aircraft as fuel prices increased.

Source: mba REDBOOK July 2017, 2017 Oil Price as of August 25

***AIRCRAFT RANKING***

mba's Aircraft Ranking model takes into account numerous factors that affect an aircraft's market standing, on a scale specifically developed for each asset class. These ranking factors are individually weighted and compared against each other to develop mba's overall ranking score for each aircraft type, which is expressed on a scale of 1.00 to 10.00. The most prevalent aircraft configurations are used in the ranking analysis which can be further identified in mba's *redbook* publication or web-based valuation service.

The 777-300ER benefits from its popularity, as it scores high marks for net orders, deliveries, and total active aircraft. There are some concerns about the backlog of the aircraft, as Boeing has cut production due to lower than expected orders, which brings down the aircraft's score. Unlike other comparable widebody aircraft, there is also no possibility for freighter conversion, which limits the secondary market opportunities.

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***OUTLOOK***

mba expects the market for the 777-300ER to begin to waver in the short term as the backlog begins to decline and the secondary market placement becomes uncertain. Due to the previous order success of the current program, Boeing officially launched the 777X in November 2013. With the 777X not anticipated to enter service until 2020, Boeing must fill a two (2) year gap between the last off the line and the start of production for the 777X. The lower production rate of five (5) per month by August 2017 is an indication of the weakening widebody aircraft market, however, this has helped placate concerns of Boeing highly discounting future build aircraft to fill the line. While the 777-300ER is a large aircraft with a number of aircraft on lease, the aircraft has become a staple in many legacy carriers' fleets. The aircraft boasts significant fuel burn advantages over the 747-400 and A340s and is easier to fill than the Airbus A380-800, without the same airport restrictions as the double-decked widebody aircraft. After the smaller 777-200ER market values tumbled in 2015 with little chance of recovery, concerns for the large widebody secondary market placement began to arise. mba believes the 777-300ER has a place in legacy fleets and expects operators to extend leases or tap into the secondary market, as North American and European carriers have indicated. As the replacement aircraft and last off the line aircraft near, a shortening of the economic life for later vintage aircraft can be expected, as has happened with previous technological replacements.

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**787-9**

***OVERVIEW***

The 787-9, the second variant of the 787 family, is a clean sheet replacement and a size up of the 767 family. Due to delays with the 787-8, the 787-9's original delivery date was pushed back by four (4) years, from 2010 to 2014. Launch customer, Air New Zealand, received the first 787-9 in July 2014, however, the first commercial passenger flight was performed by All Nippon Airways ( ANA ) in August 2014. The 787-9 is six (6) meters longer than the 787-8 and can carry 290 passengers in a typical three- class configuration. The aircraft also has a MTOW of 560,000lbs, more than 50,000lbs above the MTOW of the 787-8, providing the variant additional range capability. The twin-engine 787-9 is powered by either General Electric ( GE ) GEnx-1B series engines or Rolls-Royce ( RR ) Trent 1000 family engines.

**Positives**

Most favored of the 787 family in terms of orders.

New technology aircraft, not likely to see a replacement soon.

Large operator base is geographically diverse.

Range and performance capabilities provide additional route and aircraft replacement opportunities for airlines.

**Neutral**

Dual source engines from GE and RR could impact residual values should one (1) engine type become more favorable.

**Negatives**

A330-900neo, a competitor to the 787-9, is due to enter service in 2018. While the aircraft is a re-engining as opposed to a clean sheet design, the A330neo will offer comparable operating economics at a slightly discounted price.

RR Trent 1000 engines have been experiencing in-flight shut downs, requiring a large number of engines to come off wing significantly earlier than expected. The in-service disruptions have caused some concerns on the residual values of certain early build Trent 1000 engines.

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**Table of Contents*****FLEET STATUS***

As of July 2017, there are currently 225 active 787-9 aircraft in service with 24 operators. Boeing has received 683 orders for the 787-9, significantly more than the 426 orders for the 787-8 and the 204 orders for the Airbus A330-900neo. Orders initially started out strongest for the 787-8, but have since moved in favor of the 787-9, with some operators switching orders to the larger variant. Also, notable of the market's acceptance of the 787-9 is the 58 orders the aircraft has received in 2017, while the A330neo has received zero (0) orders and four (4) cancellations.

<b>Net Orders</b>	<b>683</b>
<b>Backlog</b>	<b>458</b>
<b>Delivered</b>	<b>225</b>
<b>Destroyed/Retired</b>	<b>0</b>
<b>Not in Service/Parked</b>	<b>1</b>
<b>Active Aircraft</b>	<b>225</b>
<b>Number of Operators</b>	<b>24</b>
<b>Average Fleet Age (Yrs)</b>	<b>1.06</b>

Source: mba REDBOOK July 2017

***NOTABLE DEVELOPMENTS***

In August 2017, RR's Trent 1000 TEN was certified by EASA. The TEN will be available on all 787 aircraft with RR engines, starting in Q4 2017, and will provide improved thrust and efficiency. (Rolls-Royce)

In June 2017, at the Paris Air Show, Aercap announced an order of 30 787-9 aircraft.

In June 2017, Boeing began producing the 787 at 12 aircraft per month across all production lines. At 12 aircraft a month, Boeing has achieved the highest production rate of a widebody aircraft ever. (Boeing)

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***FLEET DEMOGRAPHICS***

Air Canada is the largest operator of the 787-9, with 22 aircraft, or 9.8% of the total fleet. There are currently 24 operators of 787-9 aircraft located in most regions of the world, which is a relatively diverse operator base for a newer widebody. The aircraft typically seats 242 passengers, but can carry up to 310 passengers in a single-class configuration. The 787-9 is also approved for 330 minute ETOPS by EASA and the FAA, allowing for flexibility on which routes operators use the aircraft. The long range capabilities of the 787-9 has allowed operators to place the aircraft on some of the longest routes in the world, allowing it to become a staple aircraft for Trans-Pacific routes. The smaller size has also allowed carriers to open new routes which would have otherwise been uneconomical to operate with larger aircraft.

**Five (5) Largest 787-9 Operators**

Source: mba REDBOOK July 2017

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**Current Fleet by Engine Type**

There are two (2) engine options for the 787-9, the Trent 1000 by RR and the GENx-1B by GE. The majority of 787-9 customers have received the GE engines, though there is still a considerable backlog for the RR engines. However, recent in-flight shutdowns have caused headache for operators of the Trent 1000 engines and resulted in certain engine packages becoming obsolete as RR continues to fix and improve the engine. Despite the setbacks, mba does not currently provide a value differential between the two (2) engines.

Source: mba REDBOOK July 2017

**Current Fleet by Region**

Asia is currently home to the largest fleet of 787-9, with an amount of over a quarter of the total fleet. Europe and North America are each home to roughly a quarter of the fleet. As the aircraft is relatively new, the regional diversity represented in the chart below is a positive indicator for the future of the type.

Source: mba REDBOOK July 2017

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***AIRCRAFT AVAILABILITY***

According to Airfax, as of September 2017, there are no 787-9s available for sale or lease. Due to the newness of the program, mba does not anticipate any aircraft becoming available for a number of years.

***DELIVERIES BY YEAR***

Four (4) years into production, the 787-9 has delivered 156 aircraft through the end of 2016, with an additional 69 aircraft delivered through the end of July 2017. In June 2017, production increased to 12 aircraft per month, up from 10 aircraft previously. Boeing has planned an additional production rate hike to bring the manufacture up to 14 aircraft a month before the end of the decade, however, due to industry-wide slow order growth, this production rate has been brought into question.

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***AIRCRAFT RANKING***

mba's Aircraft Ranking model takes into account numerous factors that affect an aircraft's market standing, on a scale specifically developed for each asset class. These ranking factors are individually weighted and compared against each other to develop mba's overall ranking score for each aircraft type, which is expressed on a scale of 1.00 to 10.00. The most prevalent aircraft configurations are used in the ranking analysis which can be further identified in mba's *redbook* publication or web-based valuation service.

The 787-9 has an average score compared with similar aircraft types, however, it ranks high in backlog, age, and new technology. As the aircraft matures and more aircraft are delivered, the aircraft ranking number will increase, while the rankings of older competitors, like the A330-200 and -300, are expected to decline. The closest competitor, the A330-900neo, scores significantly lower due to a small order book, however the aircraft is not due to enter service until 2018 and is also expected to experience an increase in aircraft ranking over time.

***OUTLOOK***

After the delays and complications associated with the 787-8, the outlook for the 787-9 was uncertain. However, with positive feedback from the flight testing, launch operators, and continuous orders from customers, the 787-9 is expected to become the workhorse of the family. Many 787-8 orders have been converted to the larger 787-9, and with the additional seating capacity, range, fuel efficiencies, and growing order book, it is clear the variant will be a success. While larger widebody aircraft have come under pressure due to sizing and limited placement opportunities in the secondary market, the 787 is unlikely to face the same dilemma. With low oil prices, lease rates for re-engined aircraft like the A330neo and smaller narrowbody aircraft, have come under pressure and therefore achieving minimal premiums. The 787-9 though has not felt the same pressure, achieving strong lease rates and ease of placement from lessor order books into the market. mba's outlook for the 787-9 is positive with the expectation that values for the type will escalate as the aircraft continues to prove itself in the market.

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**IV. Valuation**

In developing the values of the Subject Aircraft, mba did not inspect the Subject Aircraft or the records and documentation associated with the Subject Aircraft, but relied on partial information supplied by the Client. This information was not independently verified by mba. Therefore, mba used certain assumptions that are generally accepted industry practice to calculate the value of aircraft when more detailed information is not available.

The principal assumptions for the Subject Aircraft are as follows:

1. The aircraft is in good overall condition.
2. The overhaul status of the airframe, engines, landing gear and other major components are the equivalent of mid-time/mid-life, or new, unless otherwise stated.
3. The historical maintenance documentation has been maintained to acceptable international standards.
4. The specifications of the aircraft are those most common for an aircraft of its type and vintage.
5. The aircraft is in a standard airline configuration.
6. The aircraft is current as to all Airworthiness Directives and Service Bulletins.
7. Its modification status is comparable to that most common for an aircraft of its type and vintage.
8. Its utilization is comparable to industry averages.
9. There is no history of accident or incident damage.
10. In the case of the Base Value, no accounting is made for lease revenues, obligations or terms of ownership unless otherwise specified.
11. Aircraft that are less than three (3) years old have inherent maintenance included, and are therefore not maintenance adjusted.

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**Table of Contents****Aircraft Portfolio  
Manufacture**

<b>No.</b>	<b>Aircraft Type</b>	<b>Serial Number</b>	<b>Registration</b>	<b>Date</b>	<b>MTOW (lbs)</b>	<b>Engine Type</b>	<b>Operator</b>
1	737-800	63694	N77538	Dec-16	174,200	CFM56-7B27E/F	United Airlines
2	737-900ER	62815	N61898	Dec-16	187,700	CFM56-7B27E/F	United Airlines
3	737-900ER	62816	N63899	Dec-16	187,700	CFM56-7B27E/F	United Airlines
4	737-900ER	62817	N38479	Dec-16	187,700	CFM56-7B27E/F	United Airlines
5	787-9	60141	N29968	Jan-17	560,000	GE90-115BL	United Airlines
6	787-9	60142	N15969	Feb-17	560,000	GE90-115BL	United Airlines
7	777-300ER	62647	N2737U	Mar-17	775,000	GE90-115BL	United Airlines
8	777-300ER	62651	N2140U	Jun-17	775,000	GE90-115BL	United Airlines
9	777-300ER	62650	N2639U	May-17	775,000	GE90-115BL	United Airlines
10	777-300ER	63721	N2341U	Jun-17	775,000	GE90-115BL	United Airlines
11	777-300ER	63722	N2142U	Jun-17	775,000	GE90-115BL	United Airlines
12	777-300ER	63723	N2243U	Jun-17	775,000	GE90-115BL	United Airlines
13	777-300ER	63724	N2644U	Jun-17	775,000	GE90-115BL	United Airlines

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**Table of Contents****Portfolio Valuations**

(US\$ Million)

No.	Aircraft Type	Serial Number	BV w/Newness	MTOW Adj.	Winglet Adj.	Engine Adj.	CBV
1	737-800	63694	\$46.22	\$0.00	\$0.15	\$0.20	\$46.57
2	737-900ER	62815	\$50.19	\$0.00	\$0.15	\$0.20	\$50.54
3	737-900ER	62816	\$50.19	\$0.00	\$0.15	\$0.20	\$50.54
4	737-900ER	62817	\$50.19	\$0.00	\$0.15	\$0.20	\$50.54
5	787-9	60141	\$137.72	\$0.19	\$0.00	\$0.00	\$137.91
6	787-9	60142	\$138.19	\$0.19	\$0.00	\$0.00	\$138.38
7	777-300ER	62647	\$157.94	\$0.00	\$0.00	\$0.00	\$157.94
8	777-300ER	62651	\$158.73	\$0.00	\$0.00	\$0.00	\$158.73
9	777-300ER	62650	\$158.47	\$0.00	\$0.00	\$0.00	\$158.47
10	777-300ER	63721	\$158.73	\$0.00	\$0.00	\$0.00	\$158.73
11	777-300ER	63722	\$158.73	\$0.00	\$0.00	\$0.00	\$158.73
12	777-300ER	63723	\$158.73	\$0.00	\$0.00	\$0.00	\$158.73
13	777-300ER	63724	\$158.73	\$0.00	\$0.00	\$0.00	\$158.73
<b>Total</b>			<b>\$1,582.76</b>	<b>\$0.38</b>	<b>\$0.60</b>	<b>\$0.80</b>	<b>\$1,584.54</b>

**Legend for Portfolio Valuation**

BV w/ Newness	Base Value adjusted for Month of Build
MTOW Adj.	Maximum Take-Off Weight Adjustment
Winglet Adj.	Adjustment for the Presence of Scimitar Winglets
Engine Adj.	Engine Type Adjustment
ACT Adj.	Auxiliary Fuel Tank Adjustment
CBV	Current Base Value

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**V. Covenants**

This Report has been prepared for the exclusive use of United Airlines Inc. and shall not be provided to other parties by mba without the express consent of United Airlines, Inc. mba certifies that this Report has been independently prepared and that it fully and accurately reflects mba's and the signatory's opinion of the values of the Subject Aircraft as requested. mba further certifies that it does not have, and does not expect to have, any financial or other interest in the Subject Aircraft or similar aircraft and engines. Neither mba nor the signatory has provided the Original Equipment Manufacturers ( OEMs ) of the airframe or engines with pro bono or paid consulting or advice in the design or development of the assets valued herein.

This Report represents the opinion of mba of the values of the Subject Aircraft as requested and is intended to be advisory only, in nature. Therefore, mba assumes no responsibility or legal liability for any actions taken, or not taken, by United Airlines, Inc. or any other party with regard to the Subject Aircraft and engines. By accepting this Report, all parties agree that mba shall bear no such responsibility or legal liability.

**PREPARED BY:**

Alex Cosaro

Analyst Asset Valuations

Morten Beyer & Agnew

October 18, 2017

**REVIEWED BY:**

Sarah A. Smith

Senior Associate Asset Valuations

Morten Beyer & Agnew

ISTAT Certified Appraiser

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**Table of Contents****APPENDIX III LOAN TO VALUE RATIO TABLES**

The following tables set forth loan to Aircraft value ratios for the Senior Equipment Notes that have been, and the Series B Equipment Notes that will be, issued in respect of each of the 13 Aircraft, as of the Issuance Date and the Regular Distribution Dates thereafter. The loan to value ratio was obtained by dividing (i) the outstanding balance (assuming no payment default) of such Equipment Notes plus, in the case of the Series A Equipment Notes and Series B Equipment Notes, the outstanding balance (assuming no payment default) of the Equipment Notes senior thereto as to payment, determined immediately after giving effect to the payments of principal scheduled to be made on each such Regular Distribution Date by (ii) the appraised value of the Aircraft securing such Equipment Notes (see Description of the Aircraft and the Appraisals The Appraisals ), subject to the Depreciation Assumption . The Depreciation Assumption contemplates that the value of each Aircraft depreciates by approximately 3% of the initial appraised value per year after the year of delivery of such Aircraft, in each case prior to the final expected Regular Distribution Date. Other rates or methods of depreciation may result in materially different loan to Aircraft value ratios, and no assurance can be given (i) that the depreciation rates and method assumed for the purposes of the tables are the ones most likely to occur or (ii) as to the actual future value of any Aircraft. Thus, the tables should not be considered a forecast or prediction of expected or likely loan to Aircraft value ratios, but simply a mathematical calculation based on one set of assumptions.

**A. Boeing 737-824****N77538**

Date	Assumed Aircraft Value	Outstanding Balance		Scheduled Payments of Principal		Loan to Value Ratio	
		Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes
At Issuance							
Date	\$ 46,690,000.00	\$ 27,862,000.00	\$ 6,222,000.00	\$ 0.00	\$ 0.00	59.7%	73.0%
April 7, 2018	45,967,989.69	27,125,580.13	5,955,548.61	736,419.87	266,451.39	59.0%	72.0%
October 7, 2018	45,245,979.38	26,389,160.26	5,689,097.22	736,419.87	266,451.39	58.3%	70.9%
April 7, 2019	44,523,969.07	25,652,740.39	5,422,645.84	736,419.87	266,451.38	57.6%	69.8%
October 7, 2019	43,801,958.76	24,916,320.52	5,156,194.45	736,419.87	266,451.39	56.9%	68.7%
April 7, 2020	43,079,948.45	24,179,900.65	4,889,743.06	736,419.87	266,451.39	56.1%	67.5%
October 7, 2020	42,357,938.14	23,443,480.78	4,623,291.67	736,419.87	266,451.39	55.3%	66.3%
April 7, 2021	41,635,927.84	22,707,060.91	4,356,840.29	736,419.87	266,451.38	54.5%	65.0%
October 7, 2021	40,913,917.53	21,970,641.04	4,090,388.90	736,419.87	266,451.39	53.7%	63.7%
	40,191,907.22	21,234,221.17	3,823,937.51	736,419.87	266,451.39	52.8%	62.3%

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April 7, 2022								
October 7, 2022	39,469,896.91	20,497,801.30	3,557,486.12	736,419.87	266,451.39	51.9%	60.9%	
April 7, 2023	38,747,886.60	19,761,381.43	3,291,034.74	736,419.87	266,451.38	51.0%	59.5%	
October 7, 2023	38,025,876.29	19,164,881.33	3,024,583.35	596,500.10	266,451.39	50.4%	58.4%	
April 7, 2024	37,303,865.98	18,568,381.23	2,758,131.96	596,500.10	266,451.39	49.8%	57.2%	
October 7, 2024	36,581,855.67	17,971,881.13	2,491,680.57	596,500.10	266,451.39	49.1%	55.9%	
April 7, 2025	35,859,845.36	17,375,381.03	2,225,229.19	596,500.10	266,451.38	48.5%	54.7%	
October 7, 2025	35,137,835.05	16,778,880.93	0.00	596,500.10	2,225,229.19	47.8%	0.0%	
April 7, 2026	34,415,824.74	16,182,380.83	0.00	596,500.10	0.00	47.0%	0.0%	
October 7, 2026	33,693,814.43	15,585,880.73	0.00	596,500.10	0.00	46.3%	0.0%	
April 7, 2027	32,971,804.12	14,989,380.63	0.00	596,500.10	0.00	45.5%	0.0%	
October 7, 2027	32,249,793.81	14,392,880.53	0.00	596,500.10	0.00	44.6%	0.0%	
April 7, 2028	31,527,783.51	13,796,380.43	0.00	596,500.10	0.00	43.8%	0.0%	
October 7, 2028	30,805,773.20	0.00	0.00	13,796,380.43	0.00	0.0%	0.0%	

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**Table of Contents****B. Boeing 737-924ER**

Date	Assumed Aircraft Value	N61898		Scheduled Payments of Principal		Loan to Value Ratio	
		Outstanding Balance		Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes
		Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes
At Issuance							
Date	\$ 50,050,000.00	\$ 29,357,000.00	\$ 7,180,000.00	\$ 0.00	\$ 0.00	58.7%	73.0%
April 7, 2018	49,276,030.93	28,581,065.82	6,872,523.15	775,934.18	307,476.85	58.0%	71.9%
October 7, 2018	48,502,061.86	27,805,131.64	6,565,046.30	775,934.18	307,476.85	57.3%	70.9%
April 7, 2019	47,728,092.78	27,029,197.46	6,257,569.45	775,934.18	307,476.85	56.6%	69.7%
October 7, 2019	46,954,123.71	26,253,263.28	5,950,092.60	775,934.18	307,476.85	55.9%	68.6%
April 7, 2020	46,180,154.64	25,477,329.10	5,642,615.75	775,934.18	307,476.85	55.2%	67.4%
October 7, 2020	45,406,185.57	24,701,394.92	5,335,138.90	775,934.18	307,476.85	54.4%	66.2%
April 7, 2021	44,632,216.49	23,925,460.74	5,027,662.05	775,934.18	307,476.85	53.6%	64.9%
October 7, 2021	43,858,247.42	23,149,526.56	4,720,185.20	775,934.18	307,476.85	52.8%	63.5%
April 7, 2022	43,084,278.35	22,373,592.38	4,412,708.35	775,934.18	307,476.85	51.9%	62.2%
October 7, 2022	42,310,309.28	21,597,658.20	4,105,231.50	775,934.18	307,476.85	51.0%	60.7%
April 7, 2023	41,536,340.21	20,821,724.02	3,797,754.65	775,934.18	307,476.85	50.1%	59.3%
October 7, 2023	40,762,371.13	20,193,217.33	3,490,277.80	628,506.69	307,476.85	49.5%	58.1%
April 7, 2024	39,988,402.06	19,564,710.64	3,182,800.95	628,506.69	307,476.85	48.9%	56.9%
October 7, 2024	39,214,432.99	18,936,203.95	2,875,324.09	628,506.69	307,476.86	48.3%	55.6%
April 7, 2025	38,440,463.92	18,307,697.26	2,567,847.24	628,506.69	307,476.85	47.6%	54.3%
October 7, 2025	37,666,494.85	17,679,190.57	0.00	628,506.69	2,567,847.24	46.9%	0.0%
April 7, 2026	36,892,525.77	17,050,683.88	0.00	628,506.69	0.00	46.2%	0.0%
	36,118,556.70	16,422,177.19	0.00	628,506.69	0.00	45.5%	0.0%

October 7, 2026								
April 7, 2027	35,344,587.63	15,793,670.50	0.00	628,506.69	0.00	44.7%	0.0%	
October 7, 2027	34,570,618.56	15,165,163.81	0.00	628,506.69	0.00	43.9%	0.0%	
April 7, 2028	33,796,649.48	14,536,657.12	0.00	628,506.69	0.00	43.0%	0.0%	
October 7, 2028	33,022,680.41	0.00	0.00	14,536,657.12	0.00	0.0%	0.0%	

**N63899**

Date	Assumed Aircraft Value	Outstanding Balance		Scheduled Payments of Principal		Loan to Value Ratio	
		Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes
At Issuance							
Date	\$ 50,076,666.67	\$ 29,357,000.00	\$ 7,199,000.00	\$ 0.00	\$ 0.00	58.6%	73.0%
April 7, 2018	49,302,285.23	28,581,065.82	6,890,709.49	775,934.18	308,290.51	58.0%	71.9%
October 7, 2018	48,527,903.78	27,805,131.64	6,582,418.98	775,934.18	308,290.51	57.3%	70.9%
April 7, 2019	47,753,522.34	27,029,197.46	6,274,128.48	775,934.18	308,290.50	56.6%	69.7%
October 7, 2019	46,979,140.90	26,253,263.28	5,965,837.97	775,934.18	308,290.51	55.9%	68.6%
April 7, 2020	46,204,759.45	25,477,329.10	5,657,547.46	775,934.18	308,290.51	55.1%	67.4%
October 7, 2020	45,430,378.01	24,701,394.92	5,349,256.95	775,934.18	308,290.51	54.4%	66.1%
April 7, 2021	44,655,996.57	23,925,460.74	5,040,966.45	775,934.18	308,290.50	53.6%	64.9%
October 7, 2021	43,881,615.12	23,149,526.56	4,732,675.94	775,934.18	308,290.51	52.8%	63.5%
April 7, 2022	43,107,233.68	22,373,592.38	4,424,385.43	775,934.18	308,290.51	51.9%	62.2%
October 7, 2022	42,332,852.24	21,597,658.20	4,116,094.92	775,934.18	308,290.51	51.0%	60.7%
April 7, 2023	41,558,470.79	20,821,724.02	3,807,804.41	775,934.18	308,290.51	50.1%	59.3%
October 7, 2023	40,784,089.35	20,193,217.33	3,499,513.91	628,506.69	308,290.50	49.5%	58.1%
April 7, 2024	40,009,707.91	19,564,710.64	3,191,223.40	628,506.69	308,290.51	48.9%	56.9%
October 7, 2024	39,235,326.46	18,936,203.95	2,882,932.89	628,506.69	308,290.51	48.3%	55.6%
April 7, 2025	38,460,945.02	18,307,697.26	2,574,642.38	628,506.69	308,290.51	47.6%	54.3%

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October 7, 2025	37,686,563.58	17,679,190.57	0.00	628,506.69	2,574,642.38	46.9%	0.0%
April 7, 2026	36,912,182.13	17,050,683.88	0.00	628,506.69	0.00	46.2%	0.0%
October 7, 2026	36,137,800.69	16,422,177.19	0.00	628,506.69	0.00	45.4%	0.0%
April 7, 2027	35,363,419.25	15,793,670.50	0.00	628,506.69	0.00	44.7%	0.0%
October 7, 2027	34,589,037.80	15,165,163.81	0.00	628,506.69	0.00	43.8%	0.0%
April 7, 2028	33,814,656.36	14,536,657.12	0.00	628,506.69	0.00	43.0%	0.0%
October 7, 2028	33,040,274.92	0.00	0.00	14,536,657.12	0.00	0.0%	0.0%

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Date	N38479						
	Assumed Aircraft Value	Outstanding Balance		Scheduled Payments of Principal		Loan to Value Ratio	
		Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes	Senior Equipment Notes	Series B Equipment Notes
At Issuance							
Date	\$ 50,073,333.33	\$ 29,357,000.00	\$ 7,197,000.00	\$ 0.00	\$ 0.00	58.6%	73.0%
April 7, 2018	49,299,003.43	28,581,065.82	6,888,795.14	775,934.18	308,204.86	58.0%	71.9%
October 7, 2018	48,524,673.54	27,805,131.64	6,580,590.28	775,934.18	308,204.86	57.3%	70.9%
April 7, 2019	47,750,343.64	27,029,197.46	6,272,385.42	775,934.18	308,204.86	56.6%	69.7%
October 7, 2019	46,976,013.74	26,253,263.28	5,964,180.56	775,934.18	308,204.86	55.9%	68.6%
April 7, 2020	46,201,683.85	25,477,329.10	5,655,975.70	775,934.18	308,204.86	55.1%	67.4%
October 7, 2020	45,427,353.95	24,701,394.92	5,347,770.84	775,934.18	308,204.86	54.4%	66.1%
April 7, 2021	44,653,024.05	23,925,460.74	5,039,565.98	775,934.18	308,204.86	53.6%	64.9%
October 7, 2021	43,878,694.16	23,149,526.56	4,731,361.12	775,934.18	308,204.86	52.8%	63.5%
April 7, 2022	43,104,364.26	22,373,592.38	4,423,156.26	775,934.18	308,204.86	51.9%	62.2%
October 7, 2022							