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

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**FORM 8-K**

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**CURRENT REPORT**  
Pursuant to Section 13 or 15(d)  
of The Securities Exchange Act of 1934  
Date of Report (Date of earliest event reported): August 22, 2017

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**TransDigm Group Incorporated**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-32833**  
(Commission  
File Number)

**41-2101738**  
(IRS Employer  
Identification No.)

**1301 East 9th Street, Suite 3000, Cleveland, Ohio**  
(Address of principal executive offices)

**44114**  
(Zip Code)

**(216) 706-2960**  
(Registrant's telephone number, including area code)  
(Former name or former address, if changed since last report.)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrants' under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging Growth Company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**Item 1.01 Entry into a Material Definitive Agreement.**

On August 22, 2017, TransDigm Inc. (“TransDigm”), a wholly-owned subsidiary of TransDigm Group Incorporated (“TD Group”), TD Group and certain subsidiaries of TransDigm entered into Amendment No. 3 and Incremental Term Loan Assumption Agreement (the “Amendment”) to that certain Second Amended and Restated Credit Agreement, dated June 4, 2014 (as amended by Amendment No. 1 to the Second Amended and Restated Credit Agreement, dated June 9, 2016, Amendment No. 2 to the Second Amended and Restated Credit Agreement, dated March 6, 2017, and as further amended by the Amendment, the “Credit Agreement”), with Credit Suisse AG, as administrative agent and collateral agent (the “Agent”), and the other agents and lenders named therein. Pursuant to the Amendment, TransDigm, among other things, incurred new tranche G term loans (the “Tranche G Term Loans”) in an aggregate principal amount equal to \$1,819 million and repaid in full all of the tranche C term loans outstanding under the Credit Agreement. The Tranche G Term Loans were fully drawn on August 22, 2017. The Tranche G Term Loans mature on August 22, 2024. The terms and conditions (other than maturity date) that apply to the Tranche G Term Loans, including pricing, are substantially the same as the terms and conditions that apply to the tranche C term loans immediately prior to the Amendment to the Credit Agreement.

The amendment also permits (a) payment of a special dividend, share repurchase, or combination thereof, in an aggregate amount up to \$1,262 million over the next 60 days, and (b) certain additional restricted payments, including to declare or pay dividends or repurchase stock, in an aggregate amount not to exceed \$1,500 million over the next twelve months. If any portion of the \$1,500 million is not used for dividends or share repurchases over the next twelve months, such amount (not to exceed \$500 million) may be used to repurchase stock at any time thereafter.

The lenders and agents or their affiliates under the Amendment to the Credit Agreement have in the past provided, and may in the future provide, advisory and other services to, or engage in transactions with, TransDigm and TD Group and receive customary compensation therefor.

The above summary of the Amendment is qualified in its entirety by reference to the Amendment, which is attached hereto as 10.1, and is incorporated herein by reference.

**Item 2.03. Creation of a Direct Financial Obligation.**

The information set forth in Item 1.01 is incorporated herein by reference.

**Item 7.01. Regulation FD Disclosure.**

On August 23, 2017, TD Group issued a press release (the “Press Release”) announcing that TD Group’s board of directors authorized and declared a one-time special cash dividend of \$22.00 on each outstanding share of common stock and cash dividend equivalent payments on options granted under its stock option plans. The record date for the special dividend is September 5, 2017, and the payment date for the dividend is September 12, 2017. The Press Release also announced TransDigm Inc.’s receipt of funding of the \$1,819 million term loan described above. A copy of the Press Release is furnished with this Current Report as Exhibit 99.1 and is incorporated herein by reference.

The information in this Item 7.01 on Form 8-K and in Exhibit 99.1 is being furnished and shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, nor shall it be deemed incorporated by reference in filings under the Securities Act of 1933.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits:

- 10.1 Amendment No. 3 and Incremental Term Loan Assumption Agreement, dated as of August 22, 2017, to the Second Amended and Restated Credit Agreement, dated as of June 4, 2014, among TransDigm Inc., TransDigm Group Incorporated, each subsidiary of TransDigm Inc. party thereto, the lenders party thereto, and Credit Suisse AG, as administrative agent and collateral agent for the lenders.
- 99.1 Press Release dated August 23, 2017

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

TRANSDIGM GROUP INCORPORATED

By: /s/ Terrance Paradie

Terrance Paradie

Executive Vice President and Chief Financial Officer

Date: August 24, 2017

**Exhibit No.****Description**

10.1	Amendment No. 3 and Incremental Term Loan Assumption Agreement, dated as of August 22, 2017, to the Second Amended and Restated Credit Agreement, dated as of June 4, 2014, among TransDigm Inc., TransDigm Group Incorporated, each subsidiary of TransDigm Inc. party thereto, the lenders party thereto, and Credit Suisse AG, as administrative agent and collateral agent for the lenders.
99.1	Press Release dated August 23, 2017

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AMENDMENT NO. 3

and

INCREMENTAL TERM LOAN ASSUMPTION AGREEMENT

dated as of August 22, 2017

relating to the

SECOND AMENDED AND RESTATED CREDIT AGREEMENT

dated as of June 4, 2014,

among

TRANSDIGM INC.,

TRANSDIGM GROUP INCORPORATED,

THE SUBSIDIARIES OF TRANSDIGM INC. FROM TIME TO TIME PARTY  
THERE TO,

THE LENDERS PARTY THERE TO

and

CREDIT SUISSE AG,

as Administrative Agent and Collateral Agent

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CREDIT SUISSE SECURITIES (USA) LLC,  
CITIGROUP GLOBAL MARKETS INC.,  
MORGAN STANLEY SENIOR FUNDING, INC.,  
HSBC SECURITIES (USA) INC.,  
BARCLAYS BANK PLC,  
UBS SECURITIES LLC,  
CREDIT AGRICOLE CORPORATE AND INVESTMENT BANK,  
GOLDMAN SACHS LENDING PARTNERS LLC,  
RBC CAPITAL MARKETS,

and

JPMORGAN CHASE BANK, N.A.,  
as Joint Lead Arrangers and Joint Bookrunners

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AMENDMENT NO. 3 AND INCREMENTAL TERM LOAN ASSUMPTION AGREEMENT dated as of August 22, 2017 (this "Agreement"), to the SECOND AMENDED AND RESTATED CREDIT AGREEMENT dated as of June 4, 2014, as amended by Amendment No. 1 dated as of June 9, 2016 and Amendment No. 2 dated as of March 6, 2017 (as further amended, supplemented or otherwise modified from time to time prior to the date hereof, the "Credit Agreement"; and as amended hereby, the "Amended Credit Agreement"), among TRANSDIGM INC., a Delaware corporation (the "Borrower"), TRANSDIGM GROUP INCORPORATED, a Delaware corporation ("Holdings"), each subsidiary of the Borrower from time to time party thereto, the lenders party thereto (the "Existing Lenders"), and CREDIT SUISSE AG, as administrative agent and collateral agent for the Lenders (in such capacities, the "Agent").

A. The Borrower has requested that (i) the Persons set forth on Schedule I hereto (the "Tranche G Term Lenders") make Incremental Term Loans in an aggregate principal amount of \$1,819,000,000 (the "Tranche G Term Loans") to the Borrower on the Amendment No. 3 Effective Date (as defined below) and (ii) certain provisions of the Credit Agreement be amended as set forth herein.

B. The Tranche G Term Lenders are willing to make the Tranche G Term Loans to the Borrower on the Amendment No. 3 Effective Date, and the Lenders party hereto, constituting the Required Lenders, are willing to amend the Credit Agreement as provided for herein, in each case, on the terms and subject to the conditions set forth herein and in the Credit Agreement.

Accordingly, in consideration of the mutual agreements herein contained and other good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, the parties hereto agree as follows:

SECTION 1. Defined Terms. Capitalized terms used but not defined herein (including in the recitals hereto) shall have the meanings given to them in the Credit Agreement. The rules of interpretation set forth in Section 1.03 of the Credit Agreement are hereby incorporated by reference herein, *mutatis mutandis*. As used herein, the term "Tranche G Transactions" means, collectively, (a) the execution, delivery and performance by each Loan Party of this Agreement, (b) the Borrowing of the Tranche G Term Loans hereunder and the use of the proceeds thereof in accordance with the terms of the Credit Agreement and this Agreement, (c) the payment of a special dividend or other distribution to, or the repurchase of shares of Common Stock held by, equity holders of Holdings (the "2017 Specified Restricted Payments"), (d) the repayment in full of all Tranche C Term Loans outstanding under the Credit Agreement, together with all accrued and unpaid interest thereon (the "Tranche C Refinancing") and (e) the payment of fees and expenses incurred in connection with the foregoing (the "Transaction Costs").

SECTION 2. Incremental Term Loan Commitments. (a) Each Tranche G Term Lender hereby agrees, severally and not jointly, on the terms set forth herein and in the Credit Agreement and subject to the conditions set forth herein, to make Tranche G Term Loans to the Borrower on the Amendment No. 3 Effective Date in an aggregate principal amount not to exceed the amount set forth opposite such Tranche G Term Lender's name on Schedule I hereto under the heading "Tranche G Term Loan Commitment". Amounts borrowed under this Section 2(a) and repaid or prepaid may not be reborrowed.

(b) The Incremental Term Loan Maturity Date for the Tranche G Term Loans shall be the Tranche G Maturity Date set forth in the Amended Credit Agreement and, for purposes of Section 2.08(b) of the Credit Agreement, the Tranche G Term Loans shall amortize as provided in Section 2.08(a)(v) of the Amended Credit Agreement. Unless the context shall otherwise require, the Tranche G Term Loans shall constitute "Incremental Term Loans" and "Other Term Loans", and the Tranche G Term Lenders shall constitute "Incremental Term Lenders" and "Lenders", in each case for all purposes of the Amended Credit Agreement and the other Loan Documents.

(c) The proceeds of the Tranche G Term Loans shall be used solely (i) to finance a portion of the 2017 Specified Restricted Payments, (ii) to finance the Tranche C Refinancing, and (iii) to pay the Transaction Costs.

(d) Unless previously terminated, (i) the commitments of the Tranche G Term Lenders shall terminate upon the making of the Tranche G Term Loans on the Amendment No. 3 Effective Date.

(e) The initial Interest Period with respect to the Tranche G Term Loans shall be the Interest Period set forth in the notice of borrowing delivered by the Borrower to the Administrative Agent pursuant to Section 4(e) of this Agreement.

SECTION 3. Amendments to Credit Agreement. Effective as of the Amendment No. 3 Effective Date, the Credit Agreement is hereby amended as follows:

(a) Section 1.01 of the Credit Agreement is hereby amended by inserting the following defined terms in the appropriate alphabetical order therein:

"2017 Specified Restricted Payments" means Restricted Payments in an amount not to exceed \$1,260,179,000 in the aggregate by the Borrower to Holdings, the proceeds of which Restricted Payments are used by Holdings to pay a special dividend or other distribution to holders of its Capital Stock or to repurchase shares of its Common Stock.

"Amendment No. 3" means Amendment No. 3 and Incremental Term Loan Assumption Agreement dated as of August 22, 2017, relating to this Agreement.

"Amendment No. 3 Effective Date" has the meaning assigned to such term in Amendment No. 3.

“Tranche G Maturity Date” means August 22, 2024.

“Tranche G Term Lenders” means those Lenders that have a Tranche G Term Loan Commitment or an outstanding Tranche G Term Loan.

“Tranche G Term Loan Commitments” means the Term Loan Commitments in an aggregate amount of \$1,819,000,000 established pursuant to Amendment No. 3.

“Tranche G Term Loans” means the Term Loans made by the Tranche G Term Lenders to the Borrower pursuant to Section 2(a) of Amendment No. 3.

(b) The definition of the term “Applicable Rate” set forth in Section 1.01 of the Credit Agreement is hereby amended by (i) deleting the word “and” immediately after the words “Tranche E Term Loans” in clause (b) thereof and replacing it with a comma and (ii) inserting the words “and Tranche G Term Loans,” immediately after the words “Tranche F Term Loans” in clause (b) thereof.

(c) The definition of the term “Class” set forth in Section 1.01 of the Credit Agreement is hereby amended by (i) inserting the words “Tranche G Term Loans,” immediately after the words “Tranche F Term Loans,” therein and (ii) inserting the words “a Tranche G Term Loan Commitment,” immediately after the words “Tranche F Term Loan Commitment,” therein.

(d) The definition of the term “Commitment” in Section 1.01 of the Credit Agreement is hereby amended by inserting the words “, Tranche G Term Loan Commitment” immediately after the words “Tranche F Term Loan Commitment” in clause (a) thereof.

(e) Clause (b) of the definition of the term “Excess Cash Flow” in Section 1.01 of the Credit Agreement is hereby amended by (i) deleting the word “and” at the end of subclause (xii) thereof, (ii) deleting the period at the end of subclause (xiii) thereof and replacing it with “, and” and (iii) inserting the words “solely with respect to the calculation of Excess Cash Flow for the fiscal year ending September 30, 2017, the aggregate amount of Restricted Payments made in cash by the Borrower to Holdings during such fiscal year in accordance with Section 6.02.” as a new subclause (xiv).

(f) The definition of the term “Term Loan Commitment” set forth in Section 1.01 of the Credit Agreement is hereby amended by (i) deleting the word “and” immediately after the words “Tranche E Term Loan Commitment” and replacing it with a comma and (ii) inserting the words “and Tranche G Term Loan Commitment” immediately after the words “Tranche F Term Loan Commitment”.

(g) The definition of the term “Term Loan Maturity Date” set forth in Section 1.01 of the Credit Agreement is hereby amended by (i) deleting the word “or” immediately after the words “Tranche E Maturity Date” and replacing it with a comma and (ii) inserting the words “or the Tranche G Maturity Date” immediately after the words “Tranche F Maturity Date”.

(h) The definition of the term “Term Loans” set forth in Section 1.01 of the Credit Agreement is hereby amended by (i) deleting the word “and” in the first sentence thereof and replacing it with a comma and (ii) inserting the words “and Tranche G Term Loans” immediately before the period at the end of the first sentence thereof.

(i) Section 2.03(a) of the Credit Agreement is hereby amended by inserting the words “, a Tranche G Term Borrowing” immediately after the words “Tranche F Term Borrowing” therein.

(j) Section 2.08(a) of the Credit Agreement is hereby amended by inserting the following new clause (v) at the end thereof:

(v) The Borrower shall pay to the Agent, for the account of the Tranche G Term Lenders, on the dates set forth below, or if any such date is not a Business Day, on the next preceding Business Day, a principal amount of the Tranche G Term Loans (as adjusted from time to time pursuant to Sections 2.08(c), 2.09(c), 2.10(h) and 2.24(d)) equal to the amount set forth below for such date, together in each case with accrued and unpaid interest on the principal amount to be paid to but excluding the date of such payment:

<u>DATE</u>	<u>SCHEDULED TRANCHE G TERM LOAN REPAYMENTS</u>
September 30, 2017	\$ 4,547,500.00
December 31, 2017	\$ 4,547,500.00
March 31, 2018	\$ 4,547,500.00
June 30, 2018	\$ 4,547,500.00
September 30, 2018	\$ 4,547,500.00
December 31, 2018	\$ 4,547,500.00
March 31, 2019	\$ 4,547,500.00
June 30, 2019	\$ 4,547,500.00
September 30, 2019	\$ 4,547,500.00
December 31, 2019	\$ 4,547,500.00
March 31, 2020	\$ 4,547,500.00
June 30, 2020	\$ 4,547,500.00
September 30, 2020	\$ 4,547,500.00
December 31, 2020	\$ 4,547,500.00
March 31, 2021	\$ 4,547,500.00
June 30, 2021	\$ 4,547,500.00
September 30, 2021	\$ 4,547,500.00

DATE	SCHEDULED TRANCHE G TERM LOAN REPAYMENTS
December 31, 2021	\$ 4,547,500.00
March 31, 2022	\$ 4,547,500.00
June 30, 2022	\$ 4,547,500.00
September 30, 2022	\$ 4,547,500.00
December 31, 2022	\$ 4,547,500.00
March 31, 2023	\$ 4,547,500.00
June 30, 2023	\$ 4,547,500.00
September 30, 2023	\$ 4,547,500.00
December 31, 2023	\$ 4,547,500.00
March 31, 2024	\$ 4,547,500.00
June 30, 2024	\$ 4,547,500.00
Tranche G Maturity Date	Remainder

(k) Section 2.09(d) of the Credit Agreement is hereby amended by (i) replacing the words “first anniversary of the 2016 Effective Date” therein with the words “date that is six months after the Amendment No. 3 Effective Date” and (ii) replacing the words “Tranche F Term Loans” with the words “Tranche G Term Loans” in each instance in which they appear therein.

(l) Section 2.10(h) of the Credit Agreement is hereby amended by inserting the words “, the Tranche G Term Loans” immediately after the words “Tranche F Term Loans” in each instance in which they appear therein.

(m) Clause (10) of Section 6.02(c) of the Credit Agreement is hereby amended by replacing the words “Amendment No. 2 Effective Date” with the words “Amendment No. 3 Effective Date” in each instance in which they appear therein.

(n) Section 6.02(c) of the Credit Agreement is hereby amended by (i) deleting the word “and” at the end of clause (9) thereof, (ii) replacing the period at the end of clause (10) thereof with “; and” and (iii) inserting the following new clause (11) immediately following clause (10) thereof:

“(11) the 2017 Specified Restricted Payments; provided that the 2017 Specified Restricted Payments are made on or prior to the date that is 60 days after the Amendment No. 3 Effective Date.”

SECTION 4. Conditions Precedent to Effectiveness. The effectiveness of this Agreement and the obligations of the Tranche G Term Lenders to make the Tranche G Term Loans shall be subject to the satisfaction or waiver of the following conditions precedent (the date on which such conditions precedent are so satisfied or waived, the “Amendment No. 3 Effective Date”):

(a) the Agent shall have received counterparts of this Agreement that, when taken together, bear the signatures of (i) the Borrower, Holdings and the Subsidiaries of the Borrower party to the Credit Agreement on the date hereof, (ii) the Agent, (iii) the Tranche G Term Lenders and (iv) Lenders constituting the Required Lenders (immediately after giving effect to the making of the Tranche G Term Loans and the consummation of the Tranche C Refinancing);

(b) at the time of and immediately after giving effect to the making of the Tranche G Term Loans and the application of the proceeds thereof, each of the conditions set forth in Section 4.01(b) and Section 4.01(c) of the Credit Agreement shall be satisfied; provided that, for purposes of the condition set forth in Section 4.01(b), the words "Second Restatement Date" set forth in Section 3.13(a) of the Credit Agreement shall be deemed to be "Amendment No. 3 Effective Date" in each place they appear therein, the words "Second Restatement Transactions" in Section 3.13(a) of the Credit Agreement shall be deemed to be "Tranche G Transactions" and the parenthetical in Section 3.13(a) of the Credit Agreement shall be deemed to be "(assuming for purposes hereof that all 2017 Specified Restricted Payments are made on the Amendment No. 3 Effective Date)";

(c) the Consolidated Net Leverage Ratio and the Consolidated Secured Net Debt Ratio, in each case determined as of the Amendment No. 3 Effective Date after giving effect to the Tranche G Transactions, including the making of the Tranche G Term Loans and the application of the proceeds thereof, shall be no greater than 7.25 to 1.00 and 4.25 to 1.00, respectively;

(d) the Agent shall have received a certificate dated as of the Amendment No. 3 Effective Date and executed by a Financial Officer of the Borrower with respect to the conditions set forth in paragraphs (b) and (c) above;

(e) the Agent shall have received a notice of borrowing with respect to the Tranche G Term Loans in accordance with Section 2.03 and Section 2.24(a) of the Credit Agreement;

(f) the Agent shall have received a solvency certificate in form and substance reasonably satisfactory to the Agent to the effect that Holdings and its Subsidiaries, on a consolidated basis after giving effect to the Tranche G Transactions, are solvent (within the meaning of Section 3.13 of the Credit Agreement, as modified in the same manner as set forth in clause (b) above);

(g) the Agent shall have received legal opinions, board resolutions and other closing certificates consistent with those delivered on the Second Restatement Date;

(h) the Agent shall have received, at least three Business Days prior to the Amendment No. 3 Effective Date, all documentation and other information required by regulatory authorities under applicable “know your customer” and anti-money laundering rules and regulations, including the USA PATRIOT Act, that has been reasonably requested by the Agent or any Tranche G Term Lender at least five Business Days prior to Amendment No. 3 Effective Date; and

(i) the Agent shall have received (x) payment of all fees set forth in Section 5 hereof and (y) payment of all fees and reimbursement of all expenses separately agreed in writing by the Borrower and the arrangers of the Tranche G Term Loans or required by Section 9.03 of the Credit Agreement or by any other Loan Document to be reimbursed by the Borrower on the Amendment No. 3 Effective Date in connection with this Agreement and the transactions contemplated hereby to the extent invoiced at least one Business Day prior to the Amendment No. 3 Effective Date.

The Agent shall notify the Borrower and the Lenders of the Amendment No. 3 Effective Date, and such notice shall be conclusive and binding.

SECTION 5. Fees. On the Amendment No. 3 Effective Date, the Borrower shall pay to the Agent, (a) for the account of each Tranche G Term Lender, a fee (the “Tranche G Upfront Fees”) in an amount equal to 0.25% of the aggregate principal amount of the Tranche G Term Loans of such Tranche G Term Lender on the Amendment No. 3 Effective Date (which fee may be payable in the form of original issue discount) and (b) for the account of each Tranche D Term Lender, Tranche E Term Lender, Tranche F Term Lender and Revolving Credit Lender that executes and irrevocably delivers a signature page to this Agreement to the Agent (or its counsel) at or prior to 5:00 p.m., New York City time, on August 15, 2017, a fee (the “Amendment Fees”), in an amount equal to 0.125% of the aggregate amount of Revolving Credit Commitments (whether used or unused) and outstanding Tranche D Term Loans, Tranche E Term Loans and Tranche F Term Loans of such Lender on the Amendment No. 3 Effective Date. The Tranche G Upfront Fees and the Amendment Fees shall be payable on the Amendment No. 3 Effective Date in immediately available funds and, once paid, shall not be refundable under any circumstances.

SECTION 6. Representations and Warranties. To induce the other parties hereto to enter into this Agreement, Holdings and the Borrower represent and warrant to each of the Lenders (including the Tranche G Term Lenders) and the Agent that (a) this Agreement has been duly authorized, executed and delivered by Holdings, the Borrower and the Subsidiaries of the Borrower party hereto, and this Agreement constitutes a legal, valid and binding obligation of Holdings, the Borrower and the Subsidiaries of the Borrower party hereto, subject to applicable bankruptcy, insolvency, moratorium, reorganization, fraudulent conveyance or other similar laws affecting creditors’ rights generally and to general principles of equity; (b) after giving effect to this Agreement, the representations and warranties set forth in Article III of the Credit Agreement and in each other Loan Document are true and correct in all material respects on and as of the Amendment No. 3 Effective Date, except to the extent such representations and warranties expressly relate to an earlier date, in which case they were true and correct in all material respects on and as of such earlier date; provided that, (i) in each case, such materiality qualifier shall not be applicable to any representation and warranty that

already is qualified or modified by materiality in the text thereof and (ii) for purposes of the representation in Section 3.13(a) of the Credit Agreement, the words “Second Restatement Date” in each place set forth therein shall be deemed to be “Amendment No. 3 Effective Date”, the words “Second Restatement Transactions” shall be deemed to be “Tranche G Transactions” and the parenthetical in Section 3.13(a) of the Credit Agreement shall be deemed to be “(assuming for purposes hereof that all 2017 Specified Restricted Payments are made on the Amendment No. 3 Effective Date)” and (c) Amendment No. 3 Effective Date, after giving effect to this Agreement, no Default or Event of Default has occurred and is continuing or would reasonably be expected to result from the borrowing of the Tranche G Term Loans and the use of the proceeds thereof.

SECTION 7. Certain Post-Effectiveness Collateral Obligations. The Borrower shall deliver to the Agent each of the documents, and take each of the actions, specified in Schedule II hereto.

SECTION 8. Effect of Agreement. Except as expressly set forth herein, this Agreement shall not by implication or otherwise limit, impair, constitute a waiver of, or otherwise affect the rights and remedies of the Lenders or the Agent under the Credit Agreement or any other Loan Document, and shall not alter, modify, amend or in any way affect any of the terms, conditions, obligations, covenants or agreements contained in the Credit Agreement or any other Loan Document, all of which are ratified and affirmed in all respects and shall continue in full force and effect. Nothing herein shall be deemed to entitle any Loan Party to a consent to, or a waiver, amendment, modification or other change of, any of the terms, conditions, obligations, covenants or agreements contained in the Credit Agreement or any other Loan Document in similar or different circumstances. This Agreement shall apply and be effective only with respect to the provisions of the Credit Agreement specifically referred to herein. After the Amendment No. 3 Effective Date, any reference to the Credit Agreement in any Loan Document, and the terms “this Agreement”, “herein”, “hereunder”, “hereto”, “hereof” and words of similar import in the Credit Agreement, shall, unless the context otherwise requires, mean the Credit Agreement as modified hereby. This Agreement shall constitute a “Loan Document” and an “Incremental Term Loan Assumption Agreement”, in each case for all purposes of the Amended Credit Agreement and the other Loan Documents.

SECTION 9. Acknowledgement and Consent. Each Loan Party hereby acknowledges that it has read this Agreement and consents to the terms hereof and further hereby affirms, confirms and agrees that (a) notwithstanding the effectiveness of this Agreement, the obligations of such Loan Party under each of the Loan Documents to which it is a party shall not be impaired and each of the Loan Documents to which such Loan Party is a party is, and shall continue to be, in full force and effect and is hereby confirmed and ratified in all respects, in each case, as amended hereby; (b) its Guarantee of the Obligations, and the pledge of and/or grant of a security interest in its assets as Collateral to secure the Obligations, all as and to the extent provided in the Collateral Documents as originally executed, shall continue in full force and effect in respect of, and to secure, the Obligations (including the Tranche G Term Loans); and (c) all the

representations and warranties made by or relating to it contained in the Credit Agreement and the other Loan Documents are true and correct in all material respects on and as of the Amendment No. 3 Effective Date, except to the extent such representations and warranties expressly relate to an earlier date, in which case they shall be true and correct in all material respects on and as of such earlier date; provided that, in each case, such materiality qualifier shall not be applicable to any representation and warranty that already is qualified or modified by materiality in the text thereof.

SECTION 10. Joint Lead Arrangers and Bookrunners. The joint lead arrangers and bookrunners listed on the cover page hereof shall not have any right, power, obligation, liability, responsibility or duty under this Agreement other than those applicable to all Lenders as such.

SECTION 11. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or other electronic method of transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

SECTION 12. Governing Law. THIS AGREEMENT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAWS OF THE STATE OF NEW YORK. The provisions of Sections 9.09 and 9.10 of the Credit Agreement shall apply to this Agreement to the same extent as if fully set forth herein.

SECTION 13. Headings. Section headings used herein are for convenience of reference only, are not part of this Agreement and shall not affect the construction of, or be taken into consideration in interpreting, this Agreement.

*[Remainder of page intentionally left blank]*

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed by their duly authorized officers, all as of the date first above written.

**TRANSDIGM INC.  
ACME AEROSPACE, INC.  
ADAMS RITE AEROSPACE, INC.  
AEROCONTROLEX GROUP, INC.  
AEROSONIC LLC  
AIRBORNE ACQUISITION, INC.  
AIRBORNE GLOBAL, INC.  
AIRBORNE HOLDINGS, INC.  
AIRBORNE SYSTEMS NA INC.  
AIRBORNE SYSTEMS NORTH AMERICA INC.  
AIRBORNE SYSTEMS NORTH AMERICA OF CA INC.  
AMSAFE GLOBAL HOLDINGS, INC.  
AMSAFE, INC.  
ARKWIN INDUSTRIES, INC.  
AVIATION TECHNOLOGIES, INC.  
AVIONIC INSTRUMENTS LLC  
AVIONICS SPECIALTIES, INC.  
AVTECHTYEE, INC.  
BETA TRANSFORMER TECHNOLOGY  
CORPORATION  
BETA TRANSFORMER TECHNOLOGY LLC  
BREEZE EASTERN LLC  
BRIDPORT HOLDINGS, INC.  
BRIDPORT-AIR CARRIER, INC.  
BRUCE AEROSPACE INC.  
CDA INTERCORP LLC  
CEF INDUSTRIES, LLC  
CHAMPION AEROSPACE LLC  
DATA DEVICE CORPORATION  
DUKES AEROSPACE, INC.  
ELECTROMECH TECHNOLOGIES LLC  
HARCO LLC  
HARTWELL CORPORATION  
ILC HOLDINGS, INC.  
ILC INDUSTRIES, LLC  
MARATHONNORCO AEROSPACE, INC.  
MCKECHNIE AEROSPACE DE, INC.  
MCKECHNIE AEROSPACE HOLDINGS, INC.  
MCKECHNIE AEROSPACE INVESTMENTS, INC.  
MCKECHNIE AEROSPACE US LLC  
PEXCO AEROSPACE, INC.  
PNEUDRAULICS, INC.  
SCHNELLER LLC  
SEMCO INSTRUMENTS, INC.  
SHIELD RESTRAINT SYSTEMS, INC.**

[Signature Page to Amendment No. 3 and Incremental Term Loan Assumption Agreement]

**SKURKA AEROSPACE INC.  
TELAIR INTERNATIONAL LLC  
TELAIR US LLC  
TEXAS ROTRONICS, INC.  
TRANSICOIL LLC  
WHIPPANY ACTUATION SYSTEMS, LLC  
YOUNG & FRANKLIN INC.  
TACTAIR FLUID CONTROLS, INC.  
JOHNSON LIVERPOOL LLC  
SCHROTH SAFETY PRODUCTS LLC  
INTERIORS IN FLIGHT LLC  
NORTH HILLS SIGNAL PROCESSING CORP.  
NORTH HILLS SIGNAL PROCESSING OVERSEAS  
CORP.**

By: /s/ Sean P. Maroney

Name: Sean P. Maroney

Title: Treasurer

[Signature Page to Amendment No. 3 and Incremental Term Loan Assumption Agreement]

**TRANSDIGM GROUP INCORPORATED**

By: /s/ Terrance M. Paradie

Name: Terrance M. Paradie

Title: Executive Vice President,  
Chief Financial Officer and Treasurer

**AIRBORNE SYSTEMS NORTH AMERICA OF NJ INC.**

By: /s/ Sean P. Maroney

Name: Sean P. Maroney

Title: Vice President and Treasurer

**BRIDPORT ERIE AVIATION, INC.**

By: /s/ Sean P. Maroney

Name: Sean P. Maroney

Title: Chairman of the Board and President

[Signature Page to Amendment No. 3 and Incremental Term Loan Assumption Agreement]

CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, as  
Tranche G Term Lender and as Agent

by /s/ Doreen Barr

\_\_\_\_\_  
Name:

Title:

by /s/ Warren Van Heyst

\_\_\_\_\_  
Name:

Title:

[Signature Page to Amendment No. 3 and Incremental Term Loan Assumption Agreement]

**Name of Institution:**

1199 SEIU Health Fcare Employees Pension Fund as a Lender

By: /s/ Jed R. Villareal

Name: Jed R. Villareal

Title: Bank Loan Team

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:** 1397225 Ontario Limited

By: /s/ Bernard Grzwic  
Name: Bernard Grzwic  
Title: Authorized Signatory

For any institution requiring a second signature line:

By: \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

1828 CLO Ltd. as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Collateral Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

5180-2 CLO LP

as a Lender

By: Guggenheim Partners Investment Management,  
LLC, a Collateral Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

55 Loan Strategy Fund a series Trust of Multi  
Manager Global Investment Trust  
as a Lender  
By: BlackRock Financial Management Inc., Its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

55 Loan Strategy Fund Series 2 A Series Trust Of  
Multi Manager Global Investment Trust  
as a Lender  
By: BlackRock Financial Management Inc., Its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

55 Loan Strategy Fund Series 3 A Series Trust of  
Multi Manager Global Investment Trust  
as a Lender  
By: BlackRock Financial Management Inc., Its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

55 Loan Strategy Fund Series 4 a Series Trust of  
Multi Manager Global Investment Trust  
as a Lender  
By: BlackRock Financial Management Inc., Its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

A Voce CLO, Ltd.

as a Lender

By: Invesco Senior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ABR Reinsurance LTD.

as a Lender

By: BlackRock Financial Management, Inc., its  
Investment Manager

By: /s/ Rob Jacobi

\_\_\_\_\_  
Name: Rob Jacobi

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Voya CLO 2015-3, Ltd.

as a Lender

By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ Jim Essert

\_\_\_\_\_  
Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ACE Property & Casualty Insurance Company  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Investment Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ACIS CLO 2013-2 LTD

as a Lender

By: Acis Capital Management, L.P., its Portfolio  
Manager

By: /s/ Carter Chism

\_\_\_\_\_  
Name: Carter Chism

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ACIS CLO 2013-1 LTD.

as a Lender

By: Acis Capital Management, L.P., its Portfolio  
Manager

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ACIS CLO 2014-3, Ltd.

as a Lender

By: Acis Capital Management, L.P., its Portfolio  
Manager

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ACIS CLO 2014-4, Ltd.

as a Lender

By: Acis Capital Management, L.P., its Portfolio  
Manager

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ACIS CLO 2014-5, Ltd.

as a Lender

By: Acis Capital Management, L.P., its Portfolio  
Manager

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

ACIS CLO 2015-6, Ltd

as a Lender

By: Acis Capital Management, L.P., its Portfolio  
Manager

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ACIS CLO 2017-7 Ltd.  
as a Lender

By: /s/ Carter Chism  
Name: Carter Chism  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Adams Mill CLO Ltd.

as a Lender

By: Shenkman Capital Management, Inc.,  
as Collateral Manager

By: /s/ Justin Slatky \_\_\_\_\_

Name: Justin Slatky

Title: CO-CIO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AdvisorShares Pacific Asset Enhanced Floating Rate  
ETF

as a Lender

By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management),  
in its capacity as Sub-Adviser

By: Virtus Partners LLC, as attorney-in-fact

By: /s/ Norman Yang

Name: Norman Yang

Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar

Name: Anar Majmudar

Title: Authorized Signatory

**Name of Institution:**

AEGIS Electric and Gas International Services, Ltd.  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Affiliated Independent Distributors, Inc.  
as a Lender

By: /s/ Adam Brown

Name: Adam Brown

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AGF Floating Rate Income Fund  
as a Lender  
By: Eaton Vance Management as Portfolio Manager

By: /s/ Michael Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:** AIB Debt Management, Limited

by: /s/ Fiona Travers  
Name: Fiona Travers  
Title: Vice President,  
Investment Advisor to AIB Debt Management, Limited

For any institution requiring a second signature line:

by: /s/ Paul McGinley  
Name: Paul McGinley  
Title: Assistant Vice President,  
Investment Advisor to AIB Debt Management, Limited

**Name of Institution:**

AIG Flexible Credit Fund  
as a Lender

By: /s/ Kyle Jennings  
Name: Kyle Jennings  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

SunAmerica Senior Floating Rate Fund, Inc.-AIG  
Senior Floating Rate Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:** AIMCO CLO, Series 2014-A  
By: Allstate Investment Management Company, as Collateral Manager

by /s/ Kyle Roth  
\_\_\_\_\_  
Name: Kyle Roth  
Title: Authorized Signatory

by /s/ Michael T. Moran  
\_\_\_\_\_  
Name: Michael T. Moran  
Title: Authorized Signatory

**Name of Institution:** AIMCO CLO, Series 2015-A  
By: Allstate Investment Management Company, as Collateral Manager

by /s/ Kyle Roth  
\_\_\_\_\_  
Name: Kyle Roth  
Title: Authorized Signatory

by /s/ Michael T. Moran  
\_\_\_\_\_  
Name: Michael T. Moran  
Title: Authorized Signatory

**Name of Institution:** AIMCO CLO, Series 2017-A  
By: Allstate Investment Management Company, as Collateral Manager

by /s/ Kyle Roth  
\_\_\_\_\_  
Name: Kyle Roth  
Title: Authorized Signatory

by /s/ Michael T. Moran  
\_\_\_\_\_  
Name: Michael T. Moran  
Title: Authorized Signatory

**Name of Institution:** Allstate Insurance Company

by /s/ Kyle Roth  
\_\_\_\_\_  
Name: Kyle Roth  
Title: Authorized Signatory

by /s/ Michael T. Moran  
\_\_\_\_\_  
Name: Michael T. Moran  
Title: Authorized Signatory

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:** Allstate Life Insurance Company

by /s/ Kyle Roth  
\_\_\_\_\_  
Name: Kyle Roth  
Title: Authorized Signatory

by /s/ Michael T. Moran  
\_\_\_\_\_  
Name: Michael T. Moran  
Title: Authorized Signatory

**Name of Institution:**

ALJ Global Bank Loan Fund 2015 A SERIES  
TRUST OF MULTI MANAGER GLOBAL  
INVESTMENT TRUST  
as a Lender

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ALJ Global Loan Fund 2016 A SERIES TRUST OF  
MULTI MANAGER GLOBAL INVESTMENT  
TRUST  
as a Lender

By: /s/ Robert Davis

Name: Robert Davis

Title: Sr. Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AllianceBernstein Institutional Investments - AXA  
High Yield Loan II Portfolio  
as a Lender  
BY: AllianceBernstein L.P., as Investment Advisor

By: /s/ Neil Ruffell  
Name: Neil Ruffell  
Title: VP - Corporate Actions

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AB Bond Fund, Inc. - AB Limited Duration High  
Income Portfolio  
as a Lender  
BY: AllianceBernstein L.P

By: /s/ Neil Ruffell  
Name: Neil Ruffell  
Title: VP - Corporate Actions

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AllianceBernstein Global High Income Fund  
as a Lender  
BY: AllianceBernstein L.P.

By: /s/ Neil Ruffell  
Name: Neil Ruffell  
Title: VP - Corporate Actions

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AllianceBernstein Institutional Investments - AXA  
High Yield Loan Portfolio  
as a Lender  
BY: AllianceBernstein L.P., as Investment Advisor

By: /s/ Neil Ruffell  
Name: Neil Ruffell  
Title: VP - Corporate Actions

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Allied World Assurance Company, Ltd.  
as a Lender  
By: Crescent Capital Group LP, its advisor

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

**Name of Institution:**

ALM VII, LTd.  
as a Lender  
BY: Apollo Credit Management (CLO), LLC,  
as Collateral Manager

By: /s/ Joe Moroney  
Name: Joe Moroney  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

RR1 LTD.  
as a Lender  
BY: Apollo Credit Management (CLO), LLC, as its  
collateral manager

By: /s/ Joe Moroney  
Name: Joe Moroney  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ALM XI, Ltd.  
as a Lender  
By: Apollo Credit Management (CLO), LLC,  
as Collateral Manager

By: /s/ Joe Moroney  
Name: Joe Moroney  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ALM XVI, LTD.  
as a Lender  
by Apollo Credit Management (CLO), LLC,  
as its collateral manager

By: /s/ Joe Moroney  
Name: Joe Moroney  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ALM XVIII, LTD.  
as a Lender  
by Apollo Credit Management (CLO), LLC,  
as its collateral manager

By: /s/ Joe Moroney  
Name: Joe Moroney  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AMADABLUM US Leveraged Loan Fund a Series  
Trust of Global Multi Portfolio Investment Trust  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

American Century Capital Portfolios, Inc. - AC  
Alternatives Income Fund  
as a Lender  
By: Bain Capital Credit, LP as Subadvisor

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

American General Life Insurance Company  
as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

American Home Assurance Company  
as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

American Honda Master Retirement Trust  
as a Lender

By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

American International Group, Inc. Retirement Plan  
Master Trust, Trust for Defined Benefit  
as a Lender  
By: PineBridge Investments LLC  
As Investment Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Ameriprise Certificate Company  
as a Lender

By: /s/ Steven B. Staver  
Name: Steven B. Staver  
Title: Assistant Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AMJ Bank Loan Fund A Series Trust of  
Multimanager Global Investment Trust  
as a Lender

BY: Brown Brothers Harriman Trust Company (Cayman) Limited  
acting solely in its capacity as trustee of AMJ Bank Loan Fund, a  
series trust of Multi Manager Global Investment Trust, acting by  
Highbridge Principal Strategies, LLC as attorney-in-fact, and  
expressly on the basis that the parties agree they shall not have  
recourse to the assets of Multi

By: /s/ Jamie Donsky

Name: Jamie Donsky

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMJ Bank Loan Fund SERIES 2 A SERIES TRUST  
OF MULTI MANAGER GLOBAL INVESTMENT  
TRUST  
as a Lender

By: /s/ Jamie Donsky  
Name: Jamie Donsky  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AMJ LOAN FUND SERIES 3 A SERIES TRUST  
OF MULTIMNAGER GLOBAL INVESTMENT  
TRUST

as a Lender

By: Brown Brothers Harriman Trust Company (Cayman) Limited  
acting solely in its capacity as trustee of AMJ Loan Fund Series 3, a  
series trust of Multi Manager Global Investment Trust, acting by HPS  
Investment Partners, LLC as attorney-in-fact

By: /s/ Jamie Donsky

Name: Jamie Donsky

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMMC CLO 15, LIMITED  
as a Lender  
BY: American Money Management Corp., as  
Collateral Manager

By: /s/ David P. Meyer  
Name: David P. Meyer  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AMMC CLO 16, LIMITED

as a Lender

By: American Money Management Corp., as  
Collateral Manager

By: /s/ David P. Meyer

Name: David P. Meyer

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMMC CLO 17, LIMITED

as a Lender

By: American Money Management Corp.,  
as Collateral Manager

By: /s/ David P. Meyer

Name: David P. Meyer

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMMC CLO 18, LIMITED

as a Lender

By: American Money Management Corp., as  
Collateral Manager

By: /s/ David Meyer \_\_\_\_\_

Name: David Meyer

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMMC CLO 19, LIMITED

as a Lender

By: American Money Management Corp. as  
Collateral Manager

By: /s/ David Meyer

Name: David Meyer

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMMC CLO 20, LIMITED

as a Lender

By: American Money Management Corp.,  
as Collateral Manager

By: /s/ David Meyer \_\_\_\_\_

Name: David Meyer

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMMC CLO XI, LIMITED

as a Lender

By: American Money Management Corp., as  
Collateral Manager

By: /s/ David P. Meyer

Name: David P. Meyer

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

AMMC CLO XII, LIMITED as a Lender  
By: American Money Management Corp., as  
Collateral Manager

By: /s/ David P. Meyer  
Name: David P. Meyer  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

AMMC CLO XIV, LIMITED  
as a Lender

By: /s/ David P. Meyer  
Name: David P. Meyer  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Anchorage Capital CLO 2012-1, Ltd.  
as a Lender

BY: Anchorage Capital Group, L.L.C., its  
Investment Manager

By: /s/ Melissa Griffiths

Name: Melissa Griffiths

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Anchorage Capital CLO 3, Ltd.  
as a Lender  
BY: Anchorage Capital Group, L.L.C., its  
Investment Manager

By: /s/ Melissa Griffiths  
Name: Melissa Griffiths  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Anchorage Capital CLO 4, Ltd. as a Lender  
BY: Anchorage Capital Group, L.L.C., its  
Investment Manager

By: /s/ Melissa Griffiths

Name: Melissa Griffiths

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Anchorage Capital CLO 5, Ltd.  
as a Lender

BY: Anchorage Capital Group, L.L.C., its  
Investment Manager

By: /s/ Melissa Griffiths

Name: Melissa Griffiths

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Anchorage Capital CLO 6, Ltd.  
as a Lender  
BY: Anchorage Capital Group, LLC., its Investment  
Manager

By: /s/ Melissa Griffiths  
Name: Melissa Griffiths  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Anchorage Capital CLO 7, Ltd.  
as a Lender  
BY: Anchorage Capital Group, LLC., its Investment  
Manager

By: /s/ Melissa Griffiths  
Name: Melissa Griffiths  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Anchorage Capital CLO 8, Ltd.  
as a Lender

By: Anchorage Capital Group, LLC., its  
Collateral Manager

By: /s/ Melissa Griffiths

Name: Melissa Griffiths

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Anchorage Capital CLO 9, Ltd.  
as a Lender

By: Anchorage Capital Group, L.L.C., its  
Collateral Manager

By: /s/ Melissa Griffiths

Name: Melissa Griffiths

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Anchorage Credit Funding 3, Ltd  
as a Lender

By: Anchorage Capital Group, L.L.C., its  
Collateral Manager

By: /s/ Melissa Griffiths

Name: Melissa Griffiths

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Anchorage Credit Funding 4, Ltd  
as a Lender

By: Anchorage Capital Group, L.L.C., its  
Collateral Manager

By: /s/ Melissa Griffiths

Name: Melissa Griffiths

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Annisa CLO, Ltd.

as a Lender

By: Invesco RR Fund L.P. as Collateral Manager

By: Invesco RR Associates LLC, as general partner

By: Invesco Senior Secured Management, Inc. as sole member

By: /s/ Egan, Kevin

Name: Egan, Kevin

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Aon Hewitt Group Trust - High Yield Plus Bond  
Fund  
as a Lender  
By: Bain Capital Credit, LP, as Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

APIDOS CLO X  
as a Lender  
BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser  
Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

APIDOS CLO XI  
as a Lender  
BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser  
Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

APIDOS CLO XII  
as a Lender  
BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser  
Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

APIDOS CLO XIV

as a Lender

BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Apidos CLO XIX  
as a Lender  
BY: Its Collateral Manager, CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser  
Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

APIDOS CLO XV

as a Lender

BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XVI  
as a Lender  
BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser  
Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

APIDOS CLO XVII

as a Lender

BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XVIII

as a Lender

BY: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XX

as a Lender

By: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XXI

as a Lender

By: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XXII

as a Lender

By: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser \_\_\_\_\_

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Apidos CLO XXIII

as a Lender

By: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser \_\_\_\_\_

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XXIV

as a Lender

By: Its Collateral Manager CVC Credit Partners,  
LLC

By: /s/ Gretchen Bergstresser \_\_\_\_\_

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XXV

as a Lender

By: Its Collateral Manager CVC Credit Partners

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser

Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

APIDOS CLO XXVI  
as a Lender

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Apollo Credit Funding III Ltd.  
as a Lender

By: Apollo ST Fund Management LLC, its  
investment manager

By: /s/ Joseph Glatt

Name: Joseph Glatt  
Title: Vice Preisdent

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Apollo Credit Funding V Ltd.

as a Lender

By: Apollo ST Fund Management LLC, as its  
collateral manager

By: /s/ Joseph Glatt

Name: Joseph Glatt

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Apollo Credit Funding VI Ltd.

as a Lender

By: Apollo ST Fund Management LLC, as its  
collateral manager

By: /s/ Joseph Glatt

Name: Joseph Glatt

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Apollo TR US Broadly Syndicated Loan LLC  
as a Lender

By: Apollo Total Return Master Fund LP, its  
Member

By: Apollo Total Return Advisors LP, its General  
Partner

By: Apollo Total Return Advisors GP LLC, its  
General Partner

By: /s/ Joseph Glatt

Name: Joseph Glatt  
Title: Vice President

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Arch Investment Holdings III Ltd.  
as a Lender  
BY: PineBridge Investments LLC As Collateral  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Arch Reinsurance LTD.  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Investment Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Arch Street CLO, Ltd.  
as a Lender

By: /s/ Scott D'Orsi

Name: Scott D'Orsi  
Title: Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

ARCHES FUNDING ULC  
as a Lender

By: /s/ Madonna Sequeira  
Name: Madonna Sequeira  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Ares XLIII CLO Ltd.

as a Lender

By: Ares CLO Management LLC, as its Asset  
Manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

ARES ENHANCED LOAN INVESTMENT  
STRATEGY IR LTD.

As Lender

BY: ARES ENHANCED LOAN MANAGEMENT  
IR , L.P., AS PORTFOLIO MANAGER

BY: ARES ENHANCED LOAN IR GP, LLC, ITS  
GENERAL PARTNER

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares Institutional Credit Fund, LP  
as a Lender

By: Ares Institutional Credit GP LLC,  
its general partner

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares Institutional Laon Fund B.V.  
as a Lender  
BY: Ares Management Limited, as manager

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Ares Senior Loan Trust  
as a Lender

BY: Ares Senior Loan Trust Management, L.P., Its  
Investment Adviser

By: Ares Senior Loan Trust Management, LLC, Its General Partner

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XL CLO Ltd.

as a Lender

By: Ares CLO Management II LLC, its asset  
manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XLI CLO Ltd.

as a Lender

By: Ares CLO Management II LLC, as Asset  
Manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XLII CLO Ltd.

as a Lender

By: Ares CLO Management II LLC, its asset  
manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

ARES XXIX CLO LTD.

as a Lender

By: Ares CLO Management XXIX, L.P., its Asset Manager

By: Ares CLO GP XXIX, LLC, its General Partner

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

ARES XXVI CLO LTD.

as a Lender

BY: Ares CLO Management XXVI, L.P., its  
Collateral Manager

By: Ares CLO GP XXVI, LLC, its General Partner

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XXVII CLO, Ltd.

as a Lender

By: Ares CLO Management LLC, its asset manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

ARES XXVIII CLO LTD.

as a Lender

By: Ares CLO Management XXVIII, L.P., its Asset  
Manager

By: Ares CLO GP XXVIII, LLC, its General Partner

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
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SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

Ares XXXI CLO Ltd.

as a Lender

By: Ares CLO Management XXXI, L.P., its  
Portfolio Manager

By: Ares Management LLC, its General Partner

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XXXII CLO Ltd.

as a Lender

By: Ares CLO Management XXXII, L.P., its Asset  
Manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XXXIII CLO Ltd.

as a Lender

By: Ares CLO Management XXXIII, L.P., its Asset  
Manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XXXIV CLO Ltd.  
as a Lender  
By: Ares CLO Management LLC, its collateral  
manager

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Ares XXXIX CLO Ltd.

as a Lender

By: Ares CLO Management II LLC, its asset  
manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XXXV CLO Ltd.

as a Lender

By: Ares CLO Management LLC, its asset manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XXXVII CLO Ltd.

as a Lender

By: Ares CLO Management LLC, its asset manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Ares XXXVIII CLO Ltd.

as a Lender

By: Ares CLO Management II LLC, its asset manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Argo Re Ltd.  
as a Lender  
By: Oaktree Capital Management, L.P.  
Its: Investment Manager

By: /s/ Tim Fairty  
Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian  
Name: Armen Panossian  
Title: Managing Director

Name of Institution:

Argonaut Insurance Company  
as a Lender  
By: Oaktree Capital Management, L.P.  
Its: Investment Manager

By: /s/ Tim Fairty  
Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian  
Name: Armen Panossian  
Title: Managing Director

Name of Institution:

ASF1 Loan Funding LLC  
as a Lender  
By: Citibank, N.A.,

By: /s/ Cynthia Gonzalvo  
Name: Cynthia Gonzalvo  
Title: Associate Director

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Associated Electric & Gas Insurance Services  
Limited  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Associated Electric & Gas Insurance Services  
Limited  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Investment Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

ATLAS SENIOR LOAN FUND III, Ltd.  
as a Lender  
By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

Name of Institution:

ATLAS SENIOR LOAN FUND IV, LTD.  
as a Lender  
By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

Name of Institution:

ATLAS SENIOR LOAN FUND V, LTD.  
as a Lender  
By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

Name of Institution:

ATLAS SENIOR LOAN FUND VI, LTD.  
as a Lender  
By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

Name of Institution:

ATLAS SENIOR LOAN FUND VII, LTD.

as a Lender

By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon

Name: Brian McKeon

Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang

Name: Wayne Hosang

Title: Managing Director

Name of Institution:

ATRIUM IX

as a Lender

By: Credit Suisse Asset Management, LLC, as portfolio manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Atrium X  
as a Lender

By: Credit Suisse Asset Management, LLC, as portfolio manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

ATRIUM XI  
as a Lender  
BY: Credit Suisse Asset Management, LLC,  
as portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Atrium XII

as a Lender

By: Credit Suisse Asset Management, LLC, as portfolio manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

AUCARA HEIGHTS INC

as a Lender

By: Crescent Capital Group LP, its sub-adviser

By: /s/ Brian McKeon

Name: Brian McKeon

Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang

Name: Wayne Hosang

Title: Managing Director

Name of Institution:

AUSTRALIANSUPER

as a Lender

By: Credit Suisse Asset Management, LLC, as sub-advisor to  
Bentham Asset Management Pty Ltd. in its capacity as agent of and  
investment manager for AustralianSuper Pty Ltd. in its capacity as  
trustee of AustralianSuper

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

AVAW  
as a Lender  
BY: INTERNATIONALE  
KAPITALANLAGEGESELLSCHAFT mbH acting for account of  
AVAW

Represented by: Oak Hill Advisors, L.P.  
As Fund Manager

By: /s/ Glenn August  
Name: Glenn August  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

AVAW Loans Sankaty z.H. Internationale  
Kapitalanlagegesellschaft mbH  
as a Lender  
By: Bain Capital Credit, LP, as Fund Manager

By: /s/ Andrew Viens

Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:

Name:  
Title:

Name of Institution:

Avery Point II CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

AVAW Loans Sankaty z.H. Internationale  
Kapitalanlagegesellschaft mbH  
as a Lender  
By: Bain Capital Credit, LP, as Fund Manager

By: /s/ Andrew Viens

Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:

Name:  
Title:

Name of Institution:

Avery Point III CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Avery Point IV CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Avery Point V CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Avery Point VI CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Avery Point VII CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

B&M CLO 2014-1 Ltd.  
as a Lender

By: /s/ John Heitkemper

Name: John Heitkemper  
Title: Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

Name of Institution:

BA/CSCREDIT 1 LLC

as a Lender

By: Credit Suisse Asset Management, LLC, as investment manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CAPITAL FLOATING RATE  
INCOME MASTER FUND L.P.  
By: Barings LLC as Investment Manager

By: /s/ Casey McKinney

Name: McKinney, Casey  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2013-I

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

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Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2014-I

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2014-II

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

---

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2014-III

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2015-I

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2015-II

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2016-I

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2016-II

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BABSON CLO LTD. 2016-III

By: Barings LLC as Collateral Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC. SECOND  
AMENDED AND RESTATED CREDIT AGREEMENT

Name of Institution:

BALOISE SENIOR SECURED LOAN FUND I  
By: Barings LLC as Sub-Investment Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BARINGS GLOBAL HIGH YIELD CREDIT  
STRATEGIES LIMITED

By: Barings LLC as Investment Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BARINGS GLOBAL LOAN LIMITED

By: Barings LLC as Sub-Investment Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BROWN BROTHERS HARRIMAN TRUST  
COMPANY (CAYMAN) LIMITED acting solely in its  
capacity as Trustee of BARINGS  
LOAN FUND SERIES 2 a Series Trust of the  
Multi Manager Global Investment Trust  
By: Barings LLC as Investment Manager and  
Attorney-in-fact

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

The foregoing is executed on behalf of the Barings Loan Fund Series 2, organized under a Supplemental Declaration of Trust dated as of October 19, 2016, as amended from time to time. The obligations of such Trust are not personally binding upon, nor shall resort be had to the property of the Trustee. The total liability of the Trustee shall be limited to the amount of the trust property.

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BROWN BROTHERS HARRIMAN TRUST  
COMPANY (CAYMAN) LIMITED acting solely in its  
capacity as Trustee of BARINGS  
LOAN FUND SERIES 3 a Series Trust of the  
Multi Manager Global Investment Trust  
By: Barings LLC as Investment Manager and  
Attorney-in-fact

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

The foregoing is executed on behalf of the Barings Loan Fund Series 3, organized under a Supplemental Declaration of Trust dated as of October 19, 2016, as amended from time to time. The obligations of such Trust are not personally binding upon, nor shall resort be had to the property of the Trustee. The total liability of the Trustee shall be limited to the amount of the trust property.

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

MAPLE TRUSTEE SERVICES (CAYMAN) LIMITED,  
solely in its capacity as Trustee of BARINGS SENIOR  
LOAN TRUST

Acting by: Barings LLC as Investment Adviser

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

The foregoing is executed on behalf of the Barings Senior Loan Trust, organized under a Declaration of Trust dated as of May 23, 2013, as amended from time to time. The obligations of such Trust are not personally binding upon, nor shall resort be had to the property of the Trustee. The total liability of the Trustee shall be limited to the amount of the trust property.

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BEL-AIR LOAN FUND LLC

By: Barings LLC as Investment Adviser

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

UNIVERSAL-INVESTMENT-  
GESELLSCHAFT MBH on behalf and on account of  
BAYVK R1-FONDS Segment  
BAYVK R1 BARINGS  
acting by its attorney BARINGS LLC acting by

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

UNIVERSAL-INVESTMENT-  
GESELLSCHAFT MBH on behalf and on account of  
BAYVK R2-FONDS Segment  
BAYVK R2 BARINGS  
acting by its attorney BARINGS LLC acting by

By: /s/ Casey McKinney

Name: McKinney, Casey  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

CITY OF NEW YORK GROUP TRUST  
By: Barings LLC as Investment Manager

By: /s/ Casey McKinney

Name: McKinney, Casey  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

C.M. LIFE INSURANCE COMPANY  
By: Barings LLC as Investment Adviser

By: /s/ Casey McKinney

---

Name: McKinney, Casey  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

MASSACHUSETTS MUTUAL LIFE INSURANCE  
COMPANY

By: Barings LLC as Investment Adviser

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

SWISS CAPITAL PRO LOAN VI PLC

By: Barings LLC as Sub-Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

BARINGS GLOBAL LOAN AND HIGH YIELD BOND  
LIMITED

By: Barings LLC as Sub-Investment Manager

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution:

CARE Super Pty Ltd in its capacity as trustee of CARE  
Super

By: Barings LLC as Investment Advisor

By: /s/ Casey McKinney

Name: McKinney, Casey

Title: Managing Director

Name of Institution:

BAE SYSTEMS 2000 PENSION PLAN TRUSTEES LIMITED

as a Lender

BY: Oak Hill Advisors, L.P., as Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

BAE SYSTEMS PENSION FUND CIF TRUSTEES LIMITED

as a Lender

BY: Oak Hill Advisors, L.P., as Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

BAIN CAPITAL CREDIT CLO 2016-2, LIMITED  
as a Lender  
By: Bain Capital Credit CLO Advisors, LP, as  
Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

BAIN CAPITAL HIGH INCOME PARTNERSHIP,  
L.P.  
as a Lender

By: /s/ Andrew Viens

Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:

Name:  
Title:

Name of Institution:

BAIN CAPITAL SENIOR LOAN FUND (SRI), L.P.  
as a Lender

By: /s/ Andrew Viens

Name: Andrew Viens

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Bain Capital Senior Loan Fund Public Limited Company  
as a Lender

By: Bain Capital Credit, LP, as Investment Manager

By: /s/ Andrew Viens

Name: Andrew Viens

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

BAIN CAPITAL SENIOR LOAN FUND, L.P.  
as a Lender

By: /s/ Andrew Viens

Name: Andrew Viens

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Baloise Senior Secured Loan Fund II  
as a Lender  
By: Bain Capital Credit, LP, as Sub Investment Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Bandera Strategic Credit Partners I, LP  
as a Lender  
By: Highland Capital Management, L.P., As  
Investment Manager

By: /s/ Carter Chism  
Name: Carter Chism  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution: BANK OF AMERICA, N.A.

by /s/ Jennifer Koszta  
Name: Jennifer Koszta  
Title: AVP

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT DATED AS OF THE DATE FIRST  
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AGREEMENT

Name of Institution: BARCLAYS BANK PLC as Revolving Credit Lender

by /s/ Craig Malloy

Name: Craig Malloy

Title: Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
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SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution: Barclays Bank PLC

by /s/ Ashley Berry

Name: Ashley Berry

Title: Authorized Signatory

Name of Institution:

Barnabas Health Retirement Income Plan  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Battalion CLO IV Ltd.  
as a Lender  
BY: BRIGADE CAPITAL MANAGEMENT LP As  
Collateral Manager

By: /s/ Colin Galuski  
Name: Colin Galuski  
Title: Operations Associate

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Battalion CLO IX Ltd.  
as a Lender  
By: Brigade Capital Management, LP as  
Collateral Manager

By: /s/ Colin Galuski  
Name: Colin Galuski  
Title: Operations Associate

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Battalion CLO V Ltd.  
as a Lender  
BY: BRIGADE CAPITAL MANAGEMENT LP as  
Collateral Manager

By: /s/ Colin Galuski  
Name: Colin Galuski  
Title: Operations Associate

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Battalion CLO VI Ltd.  
as a Lender  
By: Brigade Capital Management, LP as Collateral  
Manager

By: /s/ Colin Galuski  
Name: Colin Galuski  
Title: Operations Associate

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Battalion CLO VII Ltd.  
as a Lender  
By: Brigade Capital Management, LP as Collateral  
Manager

By: /s/ Colin Galuski  
Name: Colin Galuski  
Title: Operations Associate

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

Battalion CLO VIII Ltd.

as a Lender

By: BRIGADE CAPITAL MANAGEMENT, LP

as Collateral Manager

By: /s/ Colin Galuski

\_\_\_\_\_  
Name: Colin Galuski

Title: Operations Associate

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Battalion CLO X Ltd.  
as a Lender  
By: BRIGADE CAPITAL MANAGEMENT, LP  
as Collateral Manager

By: /s/ Colin Galuski  
Name: Colin Galuski  
Title: Operations Associate

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

BayCity Alternative Investment Funds SICAV-SIF -  
BayCity US Senior Loan Fund  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

Name of Institution:

BayCity Senior Loan Master Fund, LTD.  
as a Lender  
BY: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

Name of Institution: BEACHHEAD CREDIT OPPORTUNITIES LLC

by /s/ Christine Woodhouse  
Name: Christine Woodhouse  
Title: General Counsel

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Name of Institution: BEACHHEAD SPECIAL OPPORTUNITIES LLC

by /s/ Christine Woodhouse  
Name: Christine Woodhouse  
Title: General Counsel

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Name of Institution:

Beazley Furlonge Limited  
as a Lender

BY: Beazley Furlonge Limited, as managing agent of  
Syndicate 2623, acting by HPS Investment Partners,  
LLC, as attorney-in-fact

By: /s/ Jamie Donsky

Name: Jamie Donsky

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Benefit Street Partners CLO I, Ltd.  
as a Lender

By: /s/ Todd Marsh

Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Benefit Street Partners CLO III, Ltd.  
as a Lender

By: /s/ Todd Marsh

Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Benefit Street Partners CLO IV, Ltd.  
as a Lender

By: /s/ Todd Marsh

Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Benefit Street Partners CLO IX, Ltd.  
as a Lender

By: /s/ Todd Marsh

Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

Name of Institution:

Benefit Street Partners CLO V, Ltd.  
as a Lender

By: /s/ Todd Marsh

Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Benefit Street Partners CLO VI, Ltd.  
as a Lender

By: /s/ Todd Marsh

\_\_\_\_\_  
Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Benefit Street Partners CLO VII, Ltd.  
as a Lender

By: /s/ Todd Marsh

Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Benefit Street Partners CLO X, Ltd  
as a Lender

By: /s/ Todd Marsh

\_\_\_\_\_  
Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Benefit Street Partners CLO XI, Ltd.  
as a Lender

By: /s/ Todd Marsh

Name: Todd Marsh

Title: Authorized Signer

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

BENTHAM WHOLESale SYNDICATED LOAN  
FUND

as a Lender

By: Credit Suisse Asset Management, LLC, as agent  
(sub-advisor) for Challenger Investment Services  
Limited, the Responsible Entity for Bentham  
Wholesale Syndicated Loan Fund

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Betony CLO, Ltd.

as a Lender

By: Invesco Senior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Bighorn River Trading, LLC  
as a Lender  
By: SunTrust Bank, as manager

By: /s/ Connie Bailey-Blake  
Name: Connie Bailey-Blake  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Biltmore US Senior Loan Fund a Series Trust of  
Income Investment Trust  
as a Lender  
By: Neuberger Berman Investment Adviser LLC, as  
Manager

By: /s/ Colin Donlan  
Name: Colin Donlan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Birchwood Park CLO, Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Black Diamond CLO 2006-1 (Cayman) LTD.

as a Lender

BY: Black Diamond CLO 2006-1 Adviser, L.L.C.

As its Collateral Manager

By: /s/ Stephen H. Deckoff

\_\_\_\_\_  
Name: Stephen H. Deckoff

Title: Managing Principal

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Black Diamond CLO 2013-1 Ltd.  
as a Lender  
BY: Black Diamond CLO 2013-1 Adviser, L.L.C. As its Collateral  
Manager

By: /s/ Stephen H. Deckoff  
Name: Stephen H. Deckoff  
Title: Managing Principal

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Black Diamond CLO 2014-1 Ltd.  
as a Lender

By: Black Diamond CLO 2014-1 Adviser, L.L.C.  
As its Collateral Manager

By: /s/ Stephen H. Deckoff

\_\_\_\_\_  
Name: Stephen H. Deckoff

Title: Managing Principal

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Black Diamond CLO 2016-1 Ltd.  
as a Lender

By: Black Diamond CLO 2016-1 Adviser, L.L.C.  
As its Collateral Manager

By: /s/ Stephen H. Deckoff

\_\_\_\_\_  
Name: Stephen H. Deckoff

Title: Managing Principal

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

BlackRock Credit Strategies Income Fund of  
BlackRock Funds II  
as a Lender  
By: BlackRock Advisors, LLC, its Investment  
Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Debt Strategies Fund, Inc.  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Sub-Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Limited Duration Income Trust  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Sub-Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Floating Rate Income Strategies Fund,  
Inc.  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Sub-Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Floating Rate Income Trust  
as a Lender  
By: BlackRock Advisors, LLC, its Investment  
Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Funds II, BlackRock Strategic Income  
Opportunities Portfolio  
as a Lender  
By: BlackRock Advisors, LLC, its Investment  
Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Funds II, BlackRock Floating Rate  
Income Portfolio  
as a Lender  
By: BlackRock Advisors, LLC, its Investment  
Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Funds II, BlackRock Multi-Asset Income  
Portfolio  
as a Lender  
By: BlackRock Advisors, LLC, its Investment  
Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Global Investment Series: Income  
Strategies Portfolio  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Sub-Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Global Long/Short Credit Fund of  
Blackrock Funds  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Sub-Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlackRock Senior Floating Rate Portfolio  
as a Lender

By: BlackRock Investment Management, LLC, its  
Investment Advisor

By: /s/ Rob Jacobi

\_\_\_\_\_  
Name: Rob Jacobi

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Blackstone / GSO Senior Loan Portfolio  
as a Lender

By: GSO / Blackstone Debt Funds Management LLC as  
Sub-Adviser

By: /s/ Thomas Iannarone

Name: Thomas Iannarone

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Blackstone GSO U.S. Loan Funding Limited  
as a Lender

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BLACKSTONE HARRINGTON PARTNERS L.P.

as a Lender

By: GSO Capital Advisors LLC, its Investment Manager

By: /s/ Thomas Iannarone

Name: Thomas Iannarone

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

BLACKSTONE TREASURY ASIA PTE. LTD.  
as a Lender  
BY: GSO Capital Advisors LLC,  
its Investment Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BLACKSTONE TREASURY SOLUTIONS  
MASTER FUND L.P.  
as a Lender  
By: GSO Capital Advisors LLC, its Investment  
Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Blackstone / GSO Secured Trust Ltd.  
as a Lender  
BY: GSO / Blackstone Debt Funds Management  
LLC as Investment Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Blue Cross and Blue Shield of Florida, Inc.  
as a Lender  
BY: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Blue Cross of California  
as a Lender  
By: Bain Capital Credit,LP, as Investment Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Blue Cross of Idaho Health Service, Inc.  
as a Lender  
By: Seix Investment Advisors LLC, as Investment  
Manager

By: /s/ George Goudelias  
Name: George Goudelias  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Blue Hill CLO, Ltd.  
as a Lender  
By: Invesco Ssenior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueCross BlueShield of Tennessee, Inc.  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2012-2 Ltd  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Bluemountain CLO 2013-1 LTD.  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Bluemountain CLO 2013-2 LTD.  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Bluemountain CLO 2013-3 Ltd.  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Bluemountain CLO 2013-4 Ltd.  
as a Lender  
By: BlueMountain CLO Management, LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2014-1 Ltd  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2014-2 Ltd  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2014-3 Ltd.  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2014-4 Ltd  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2015-1 Ltd  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2015-2, Ltd. as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell

\_\_\_\_\_  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2015-3 Ltd  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2015-4, Ltd.  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2016-1, Ltd.  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2016-2, Ltd.  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain CLO 2016-3 Ltd  
as a Lender  
By: BlueMountain CLO Management LLC,  
Its Collateral Manager

By: /s/ Meghan Fornshell  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

BlueMountain Fuji US CLO I, Ltd.  
as a Lender  
By: BlueMountain Fuji Mngement, LLC, Series A

By: /s/ Meghan Fornshell  
\_\_\_\_\_  
Name: Meghan Fornshell  
Title: Operations Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**        **BNP Paribas Flexi III Global Senior Corporate Loans Fund**

by /s/ Javier PERES DIAZ  
Name: Javier PERES DIAZ  
Title: Portfolio Manager

For any institution requiring a second signature line:

by /s/ Dennis TIAN  
Name: Dennis TIAN  
Title: Portfolio Manager

**Name of Institution:**      **BNP Paribas Global Loans PONT NEUF Fund**

by /s/ Javier PERES DIAZ  
Name: Javier PERES DIAZ  
Title: Portfolio Manager

For any institution requiring a second signature line:

by /s/ Dennis TIAN  
Name: Dennis TIAN  
Title: Portfolio Manager

**Name of Institution:**      **BNP Paribas Senior Corporate Loans Europe / US**

by /s/ Javier PERES DIAZ  
Name: Javier PERES DIAZ  
Title: Portfolio Manager

For any institution requiring a second signature line:

by /s/ Dennis TIAN  
Name: Dennis TIAN  
Title: Portfolio Manager

**Name of Institution:**      **BNP Paribas Flexi III Senior Secured Bank Loan Fund Mogliano**

by /s/ Javier PERES DIAZ  
Name: Javier PERES DIAZ  
Title: Portfolio Manager

For any institution requiring a second signature line:

by /s/ Dennis TIAN  
Name: Dennis TIAN  
Title: Portfolio Manager

**Name of Institution:**

BOC Pension Investment Fund  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Attorney in Fact

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Bowman Park CLO, Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Brighthouse Funds Trust I - Brighthouse/Eaton  
Vance Floating Rate Portfolio  
as a Lender  
BY: Eaton Vance Management as Investment Sub-  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Brighthouse Funds Trust II -  
Brighthouse/Wellington  
Balanced Portfolio  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:** Metropolitan Life Insurance Company

by /s/ Steven R. Bruno  
Name: Steven R. Bruno  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Brighthouse Life Insurance Company,

by /s/ Steven R. Bruno  
Name: Steven R. Bruno  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** BrightHouse Life Insurance Company Structured Annuity,

by /s/ Steven R. Bruno  
Name: Steven R. Bruno  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Bristol Park CLO, Ltd  
as a Lender

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

British Coal Staff Superannuation Scheme  
as a Lender  
By: Wellington Management Company LLP  
as its Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Bronco Trading, LLC  
as a Lender

By: /s/ Connie Bailey-Blake

Name: Connie Bailey-Blake  
Title: Vice President

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Brookside Mill CLO Ltd.  
as a Lender  
By: Shenkman Capital Management, Inc.,  
as Collateral Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Burnham Park CLO, Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

California Public Employees' Retirement System  
as a Lender  
BY: Voya Investment Management Co. LLC, as its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

CALIFORNIA STATE TEACHERS' RETIREMENT  
SYSTEM

as a Lender

By: Credit Suisse Asset Management, LLC, as  
investment manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

California State Teachers' Retirement System  
as a Lender

BY: Western Asset Management Company as  
Investment Manager and Agent

By: /s/ Jed R. Villareal

Name: Jed R. Villareal

Title: Bank Loan Team

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

California Street CLO XII, Ltd.  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

CANARAS SUMMIT CLO LTD.

as a Lender

By: Canaras Capital Management, LLC

As Sub-Investment Adviser

By: /s/ Marc McAfee

Name: Marc McAfee

Title: Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Canyon Capital CLO 2012-1 Ltd.  
as a Lender  
BY: Canyon Capital Advisors LLC, its Asset  
Manager

By: /s/ Jonathan M. Kaplan  
Name: Jonathan M. Kaplan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Canyon Capital CLO 2014-1, Ltd.  
as a Lender  
BY: Canyon Capital Advisors LLC, Its Asset  
Manager

By: /s/ Jonathan M. Kaplan  
Name: Jonathan M. Kaplan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Canyon Capital CLO 2014-2, Ltd.  
as a Lender  
BY: Canyon Capital Advisors LLC, Its Asset  
Manager

By: /s/ Jonathan M. Kaplan  
Name: Jonathan M. Kaplan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Canyon Capital CLO 2015-1, LTD.  
as a Lender  
By: Canyon Capital Advisors LLC,  
a Delaware limited liability company,  
its Collateral Manager

By: /s/ Jonathan M. Kaplan  
Name: Jonathan M. Kaplan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Canyon CLO 2016-1, Ltd.  
as a Lender  
By: Canyon CLO Advisors LLC, its Collateral  
Manager

By: /s/ Jonathan M. Kaplan  
Name: Jonathan M. Kaplan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Canyon CLO 2016-2, Ltd.  
as a Lender  
Canyon CLO Advisors LLC, its Collateral Manager

By: /s/ Jonathan M. Kaplan

Name: Jonathan M. Kaplan  
Title: Authorized Signatory

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

CARE Super  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as  
Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2012-3, Ltd.  
as a Lender

By: /s/ Linda Pace

Name: Linda Pace

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2012-4, Ltd.  
as a Lender

By: /s/ Linda Pace

Name: Linda Pace

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2013-1, Ltd.  
as a Lender

By: /s/ Linda Pace  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2013-2, Ltd.  
as a Lender

By: /s/ Linda Pace  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2013-3, Ltd.  
as a Lender

By: /s/ Linda Pace

Name: Linda Pace

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2013-4, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2014-1, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2014-2, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2014-3, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2014-4, Ltd.  
as a Lender

By: /s/ Linda Pace  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2014-5, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2015-1, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2015-2, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2015-3, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2015-4, Ltd.  
as a Lender

By: /s/ Linda Pace \_\_\_\_\_

Name: Linda Pace

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2015-5, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2016-1, Ltd.  
as a Lender

By: /s/ Linda Pace

Name: Linda Pace

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2016-2 Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle Global Market Strategies CLO 2016-3, Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle US CLO 2016-4, Ltd.  
as a Lender

By: /s/ Linda Pace

Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Carlyle US CLO 2017-1, Ltd.  
as a Lender

By: /s/ Linda Pace

Name: Linda Pace  
Title: Managing Director

For any institution requiring a second signature line:

By:

Name:  
Title:

**Name of Institution:**

Carlyle US CLO 2017-3 Ltd.  
as a Lender

By: /s/ Linda Pace

\_\_\_\_\_  
Name: Linda Pace  
Title: Managing Director

For any institution requiring a second signature line:

By:

Name:  
Title:

**Name of Institution:**

Catamaran CLO 2012-1 Ltd.  
as a Lender  
By: Trimaran Advisors, L.L.C.

By: /s/ Daniel Gilligan  
Name: Daniel Gilligan  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Catamaran CLO 2013-1 Ltd.  
as a Lender  
By: Trimaran Advisors, L.L.C.

By: /s/ Daniel Gilligan  
Name: Daniel Gilligan  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Catamaran CLO 2014-1 Ltd.  
as a Lender  
By: Trimaran Advisors, L.L.C.

By: /s/ Daniel Gilligan  
Name: Daniel Gilligan  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Catamaran CLO 2014-2 Ltd.  
as a Lender

By: /s/ Daniel Gilligan

Name: Daniel Gilligan

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Catamaran CLO 2015-1 Ltd.  
as a Lender

By: /s/ Daniel Gilligan  
Name: Daniel Gilligan  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Catamaran CLO 2016-1 LTD.  
as a Lender

By: /s/ Daniel Gilligan  
Name: Daniel Gilligan  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:** CATHAY BANK

by /s/ NANCY A. MOORE

Name: NANCY A. MOORE

Title: SENIOR VICE PRESIDENT

**Name of Institution:** CATHEDRAL LAKE CLO 2013, LTD.

by /s/ Stanton Ray  
Name: Stanton Ray  
Title: Portfolio Manager

For any institution requiring a second signature line:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** CATHEDRAL LAKE III, LTD.

by /s/ Stanton Ray  
Name: Stanton Ray  
Title: Portfolio Manager

For any institution requiring a second signature line:

by: \_\_\_\_\_  
Name:  
Title

**Name of Institution:** CATHEDRAL LAKE IV, LTD.

by /s/ Stanton Ray  
Name: Stanton Ray  
Title: Portfolio Manager

For any institution requiring a second signature line:

by: \_\_\_\_\_  
Name:  
Title

**Name of Institution:**

Catholic Health Initiatives Master Trust  
as a Lender  
By: Bain Capital Credit, LP, as Investment Adviser  
and  
Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Catlin Underwriting Agencies Limited for and on  
behalf of Syndicate 2003  
as a Lender  
By: Bain Capital Credit, LP, as Investment Manager

By: /s/ Andrew Viens  
Name: Bain Capital  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Catskill Park CLO, Ltd.

as a Lender

By: GSO / Blackstone Debt Fund Management LLC

as Collateral Manager

By: /s/ Thomas Iannarone

\_\_\_\_\_  
Name: Thomas Iannarone

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Bain Capital Credit CLO 2017-2, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Collateral Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Cavalry CLO IV, Ltd.  
as a Lender  
By: Bain Capital Credit, LP, as Collateral Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Cedar Funding II CLO Ltd.  
as a Lender

By: /s/ Neslihan Adanali

Name: Neslihan Adanali

Title: Loan Closer II

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cedar Funding III CLO Ltd.  
as a Lender

By: /s/ Neslihan Adanali

Name: Neslihan Adanali

Title: Loan Closer II

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cedar Funding IV CLO Ltd.  
as a Lender

By: /s/ Neslihan Adanali

Name: Neslihan Adanali

Title: Loan Closer II

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cedar Funding V CLO Ltd.  
as a Lender

By: AEGON USA Investment Management, LLC, as  
its Portfolio Manager

By: /s/ Neslihan Adanali

Name: Neslihan Adanali

Title: Loan Closer II

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cedar Funding VI CLO Ltd.

as a Lender

By: AEGON USA Investment Management, LLC, as  
its Portfolio Manager

By: /s/ Neslihan Adanali

Name: Neslihan Adanali

Title: Loan Closer II

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cent CDO 12 Limited  
as a Lender  
BY: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver  
Name: Steven B. Staver  
Title: Assistant Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Cent CDO 14 Limited  
as a Lender  
BY: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver  
Name: Steven B. Staver  
Title: Assistant Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Cent CLO 16 L.P.  
as a Lender  
BY: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver  
Name: Steven B. Staver  
Title: Assistant Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Cent CLO 17 Limited  
as a Lender  
BY: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver  
Name: Steven B. Staver  
Title: Assistant Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Cent CLO 18 Limited  
as a Lender  
BY: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver  
Name: Steven B. Staver  
Title: Assistant Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Cent CLO 19 Limited

as a Lender

By: Columbia Management Investment Advisers, LLC

As Collateral Manager

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cent CLO 20 Limited

as a Lender

By: Columbia Management Investment Advisers,  
LLC As Collateral Manager

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cent CLO 21 Limited  
as a Lender

By: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cent CLO 22 Limited  
as a Lender

By: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cent CLO 24 Limited  
as a Lender

By: Columbia Management Investment Advisers, LLC  
As Collateral Manager

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Centennial Bank  
as a Lender

By: /s/ Mark Bernstein

\_\_\_\_\_  
Name: Mark Bernstein

Title: Senior Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution: CFIP CLO 2013-1, Ltd.,**

by Chicago Fundamental Investment Partners, LLC, as  
Investment Manager for CFIP  
CLO 2013-1, Ltd.,  
\_\_\_\_\_

by /s/ David C. Dieffenbacher  
\_\_\_\_\_  
Name: David C. Dieffenbacher  
Title: Principal & Portfolio Manager

**Name of Institution: CFIP CLO 2014-1, Ltd.,**

by Chicago Fundamental Investment Partners, LLC, as  
Investment Manager for CFIP  
CLO 2014-1, Ltd.,  
\_\_\_\_\_

by /s/ David C. Dieffenbacher  
\_\_\_\_\_  
Name: David C. Dieffenbacher  
Title: Principal & Portfolio Manager

**Name of Institution:**

Chevron Master Pension Trust  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

CHI Operating Investment Program L.P.  
as a Lender

By: Bain Capital Credit, LP, as Investment Adviser  
and Manager

By: /s/ Andrew Viens

Name: Andrew Viens

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Chubb Bermuda Insurance Ltd  
as a Lender

By: /s/ Jeffrey M. Smith

Name: Jeffrey Smith

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

CHUIBB EUROPEAN GROUP LIMITED

as a Lender

BY: BlackRock Financial Management, Inc., its Sub-  
Advisor

By: /s/ Rob Jacobi

\_\_\_\_\_  
Name: Rob Jacobi

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Chubb Tempest Reinsurance Ltd.  
as a Lender  
by KKR Credit Advisors (US) LLC

By: /s/ Jeffrey M. Smith

Name: Jeffrey Smith

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:** CIT Bank, N.A.

by /s/ Christopher Mongeluzzi  
Name: Christopher Mongeluzzi  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Carlyle US CLO 2017-2, Ltd.  
as a Lender

By: /s/ Linda Pace

Name: Linda Pace  
Title: Managing Director

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Citi Loan Funding Corp 2 LLC,  
as a Lender  
By: Citigroup Financial Products Inc.,

By: /s/ Cynthia Gonzalvo  
Name: Cynthia Gonzalvo  
Title: Associate Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Citi Loan Funding GCPH TRS LLC,  
as a Lender  
By: Citibank, N.A.

By: /s/ Cynthia Gonzalvo  
Name: Cynthia Gonzalvo  
Title: Associate Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Citi Loan Funding OCP 2017-14 LLC  
as a Lender  
By: CITIBANK, N.A.,

By: /s/ Cynthia Gonzalvo  
Name: Cynthia Gonzalvo  
Title: Associate Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Citi Loan Funding Saguenay LLC  
as a Lender

By: /s/ Luke Newcomb

Name: Luke Newcomb

Title: Attorney-in-Fact

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:** Citibank N.A.

By /s/ Brian Reed

Name: Brian Reed

Title: Vice President

**Name of Institution:**

City National Rochdale Fixed Income Opportunities Fund  
as a Lender

By: Seix Investment Advisors LLC, as Subadviser

By: /s/ George Goudelias

Name: George Goudelias

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

City of Birmingham Employees Retirement System  
as a Lender

As: Bradford & Marzek, LLC as Investment Advisor  
on behalf of the City of Birmingham Employees  
Retirement System, account number 1055053189

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

City of Birmingham Retiree Health Care Fund  
as a Lender  
As: Bradford & Marzek, LLC as Investment Advisor  
on behalf of the City of Birmingham Retiree Health  
Care Fund,  
account number 1055053214

By: /s/ John Heitkemper  
Name: John Heitkemper  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

City of New York Group Trust  
as a Lender  
BY: GoldenTree Asset Management, L.P.

By: /s/ Karen Weber  
Name: Karen Weber  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

City of New York Group Trust  
as a Lender  
BY: Voya Investment Management Co. LLC  
as its investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

City of New York Group Trust  
as a Lender

BY: The Comptroller of the City of New York  
By: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

City of Southfield Fire and Police Retirement System  
as a Lender

BY: Bradford & Marzec, LLC as Investment Advisor  
on behalf of the City of Southfield Fire and Police  
Retirement System, account number 17-31469/FFS02

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

CLC Leveraged Loan Trust  
as a Lender

By: Challenger Life Nominees PTY Limited as  
Trustee

By: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:** Bean Creek CLO, Ltd.

by /s/ Bryan S. Higgins  
Name: Bryan S. Higgins  
Title: Manager

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Clear Creek CLO, Ltd.

by /s/ Bryan S. Higgins  
Name: Bryan S. Higgins  
Title: Manager

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Deer Creek CLO, Ltd.

by /s/ Bryan S. Higgins  
Name: Bryan S. Higgins  
Title: Manager

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Silver Creek CLO, Ltd.

by /s/ Bryan S. Higgins  
Name: Bryan S. Higgins  
Title: Manager

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

CLOCKTOWER US SENIOR LOAN FUND, a  
series trust of MYL Global Investment Trust  
as a Lender

By: Credit Suisse Asset Management, LLC, the  
investment manager for Brown Brothers Harriman  
Trust Company (Cayman) Limited, the Trustee for  
Clocktower US Senior Loan Fund, a series trust of  
MYL Global Investment Trust

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Cole Park CLO, Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Collective Trust High Yield Fund  
as a Lender  
By: Alcentra NY, LLC, as investment advisor

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Columbia Floating Rate Fund, a series of Columbia  
Funds Series Trust II  
as a Lender

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Columbia Funds Variable Series Trust II - Variable  
Portfolio - Eaton Vance Floating-Rate Income Fund  
as a Lender  
BY: Eaton Vance Management as Investment Sub-  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Columbia Strategic Income Fund, a series of  
Columbia Funds Series Trust I  
as a Lender

By: /s/ Steven B. Staver

\_\_\_\_\_  
Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Commission de la Caisse commune  
as a Lender

By: Loomis, Sayles & Company, Incorporated, its  
General Partner

By: /s/ Mary McCarthy

Name: Mary McCarthy

Title: Vice President, Legal and Compliance  
Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

COMMONWEALTH OF PENNSYLVANIA  
TREASURY DEPARTMENT

as a Lender

By: Credit Suisse Asset Management, LLC, as  
investment adviser

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Community Insurance Company  
as a Lender  
By: Bain Capital Credit, LP, as Investment Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Consumer Program Administrators, Inc  
as a Lender  
By: BlackRock Financial Management, Inc. its  
Investment Manager

By: /s/ Rob Jacobi

Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

COPPERHILL LOAN FUND I, LLC

as a Lender

BY: Credit Suisse Asset Management, LLC, as  
investment manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Covenant Credit Partners CLO II, Ltd.  
as a Lender

By: /s/ Chris Brogdon  
Name: Chris Brogdon  
Title: Assistant Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:** Credit Agricole Corporate and Investment Bank

by /s/ Gordon Yip  
Name: Gordon Yip  
Title: Director

For any institution requiring a second signature line:

by /s/ Brad Matthews  
Name: Brad Matthews  
Title: Director

**Name of Institution:** Crédit Industriel et Commercial, New York Branch

by /s/ Garry Weiss

Name: Garry Weiss

Title: Managing Director

by /s/ Clifford Abramsky

Name: Clifford Abramsky

Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
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SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:** CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH

by /s/ Doreen Barr

\_\_\_\_\_  
Name: Doreen Barr  
Title: Authorized Signatory

by /s/ Warren Van Heyst

\_\_\_\_\_  
Name: Warren Van Heyst  
Title: Authorized Signatory

**Name of Institution:**

Credit Suisse Floating Rate Trust  
as a Lender  
By: Credit Suisse Asset Management, LLC, as its  
investment manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:** Credit Suisse Loan Funding LLC

by /s/ Robert Healey

Name: Robert Healey

Title: Authorized Signatory

**Name of Institution:**

CREDIT SUISSE NOVA (LUX)

as a Lender

By: Credit Suisse Asset Management, LLC or  
Credit Suisse Asset Management Limited, each as  
Co-Investment Adviser to Credit Suisse Fund  
Management S.A., management company for Credit  
Suisse Nova (Lux)

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

CREDIT SUISSE NOVA (LUX) acting on behalf of  
Credit Suisse Nova (Lux) Fixed Maturity US Loan  
Fund 2021

as a Lender

By: Credit Suisse Asset Management, LLC acting in  
its capacity as Investment Manager to Credit Suisse  
Fund Management S.A., management company for  
Credit Suisse Nova (Lux)

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

CREDIT SUISSE SENIOR LOAN INVESTMENT  
UNIT TRUST (for Qualified Institutional Investors  
Only)

as a Lender

BY: Credit Suisse Asset Management, LLC, as  
investment manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Credos Floating Rate Fund LP  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as  
General Partner

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TIAA-CREF Investment Management, LLC, on  
behalf of College Retirement Equities Fund - Bond  
Market Account  
as a Lender

By: /s/ Anders Persson

Name: Anders Persson

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Crescent Senior Secured Floating Rate Loan Fund,  
LLC  
as a Lender  
By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

**Name of Institution:**

Crestline Denali CLO XIV, LTD.

as a Lender

By: Crestline Denali Capital, L.P., collateral manager  
for Crestline Denali CLO XIV, LTD.

By: /s/ John Thacker

Name: John Thacker

Title: Chief Credit Officer

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Crestline Denali CLO XV, Ltd.  
as a Lender  
By: Crestline Denali Capital, L.P., collateral manager  
for Crestline Denali CLO XV, Ltd.

By: /s/ John Thacker  
Name: John Thacker  
Title: Chief Credit Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Crown Point CLO III, Ltd.  
as a Lender  
by Valcour Capital Management LLC, as its  
Collateral Manager

By: /s/ John D'Angelo  
Name: John D'Angelo  
Title: Sr. Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

CSAA Insurance Exchange  
as a Lender  
By: Oaktree Capital Management, L.P.  
Its: Investment Manager

By: /s/ Tim Fairty  
Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian  
Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Cumberland Park CLO Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

CVP Cascade CLO-1 Ltd.  
as a Lender  
By: CVP CLO Manager, LLC  
as Investment Manager

By: /s/ Joseph Matteo  
Name: Joseph Matteo  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

CVP Cascade CLO-2 Ltd.  
as a Lender  
By: CVP CLO Manager, LLC  
as Investment Manager

By: /s/ Joseph Matteo  
Name: Joseph Matteo  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

CVP CLO 2017-1 Ltd  
as a Lender  
By: CVP CLO Advisors, LLC  
as Investment Manager

By: /s/ Joseph Matteo  
Name: Joseph Matteo  
Title: Partner

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DaVinci Reinsurance Ltd.  
as a Lender  
By: Eaton Vance Management as Investment Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DaVinci Reinsurance Ltd.  
as a Lender  
BY: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Debiopharm Holding SA  
as a Lender

By: /s/ Patricia Charles  
Name: Patricia Charles  
Title: Associate

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Delaware Group Advisor Funds-Delaware  
Diversified Income Fund  
as a Lender

By: /s/ Adam Brown

Name: Adam Brown

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Delaware Group Income Funds-Delaware Floating  
Rate Fund  
as a Lender

By: /s/ Adam Brown

Name: Adam Brown

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Delaware Life Insurance Company  
as a Lender  
By: GSO / Blackstone Debt Funds Management LLC  
as Sub-Advisor

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Delaware VIP Trust - Delaware VIP Diversified  
Income Series  
as a Lender

By: /s/ Adam Brown

\_\_\_\_\_  
Name: Adam Brown

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

DENALI CAPITAL CLO X, LTD.  
as a Lender  
BY: DC Funding Partners LLC, portfolio manager  
(or as applicable collateral manager) for  
DENALI CAPITAL CLO X, LTD.

By: /s/ John Thacker  
Name: John Thacker  
Title: Chief Credit Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DENALI CAPITAL CLO XI, LTD.  
as a Lender  
BY: Crestline Denali Capital, L.P., collateral  
manager for  
DENALI CAPITAL CLO XI, LTD.

By: /s/ John Thacker  
Name: John Thacker  
Title: Chief Credit Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DENALI CAPITAL CLO XII, LTD.  
as a Lender  
BY: Crestline Denali Capital, L.P., collateral  
manager for  
DENALI CAPITAL CLO XII, LTD.

By: /s/ John Thacker  
Name: John Thacker  
Title: Chief Credit Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Desjardins Floating Rate Income Fund  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Desjardins Global Tactical Bond Fund (Fonds  
Desjardins Obligations mondiales tactique)  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Sub-Advisor to:  
Destinations Core Fixed Income Fund, a series of  
Brinker Capital Destinations Trust  
as a Lender

By: /s/ Peter Hwang

Name: Peter Hwang

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**     **DEUTSCHE BANK (CAYMAN) LIMITED**  
                                  **(solely in its capacity as trustee of The Canary Star Trust and its Sub-**  
                                  **Trusts) as the Trustee**  
                                  **By: Deutsche Bank AG New York Branch**

by /s/ Andrew MacDonald  
Name: Andrew MacDonald  
Title: Assistant Vice President

For any institution requiring a second signature line:

by /s/ Howard Lee  
Name: Howard Lee  
Title: Assistant Vice President

**EXISTING TRANCHE C TERM LOANS - CASHLESS SETTLEMENT OPTION**

X The undersigned Lender hereby commits an amount equal to 100% of the outstanding principal amount of the Existing Tranche C Term Loans held by such Lender (as set forth below) to the Tranche G Term Loans and agrees to exchange (on a cashless basis) 100% of the outstanding principal amount of the Existing Tranche C Term Loans held by such Lender (as set forth below) for Tranche G Term Loans in an equal principal amount, as set forth below. By choosing this option, the undersigned Lender hereby (i) acknowledges and agrees that the Administrative Agent may, in its sole discretion, elect not to allocate any amount of such Lender’s Existing Tranche C Term Loans for Tranche G Term Loans or to allocate (on a cashless basis) less than 100% of the principal amount of such Lender’s Existing Tranche C Term Loans for Tranche G Term Loans, in which case the **difference** between the current principal amount of such Lender’s Existing Tranche C Term Loans and the allocated principal amount of Tranche G Term Loans will be prepaid on the Amendment No. 3 Effective Date and (ii) agrees to the terms of the “Cashless Roll Letter” posted on or around the date hereof to each lender that is a Lender (as such term is defined in the Credit Agreement) on the date hereof, among the Borrower, Credit Suisse AG, as Incremental Term Lender, and the Administrative Agent, and shall be a party to such “Cashless Roll Letter”, and be bound thereby, for all purposes hereof and thereof.

<u>Lender</u>	<u>Amount of Existing Tranche C Term Loans</u>
Deutsche Bank AG New York Branch	\$ 6,844,710.36
	\$
	\$
	\$
<b>Total</b>	\$ 6,844,710.36

**EXISTING TRANCHE C TERM LOANS - ASSIGNMENT SETTLEMENT OPTION**

The undersigned Lender hereby agrees to have an amount equal to 100% of the outstanding principal amount of the Existing Tranche C Term Loans held by such Lender (as set forth below) prepaid on the Amendment No. 3 Effective Date and to purchase by assignment Tranche G Term Loans in an equal principal amount. By choosing this option, the undersigned Lender hereby acknowledges and agrees that the Administrative Agent may, in its sole discretion, elect not to allocate any Tranche G Term Loans to such Lender or to allocate to such Lender less than 100% of the principal amount of such Lender’s Existing Tranche C Term Loans for Tranche G Term Loans.

<u>Lender</u>	<u>Amount of Existing Tranche C Term Loans</u>
	\$
	\$
	\$
	\$
<b>Total</b>	\$

*[Remainder of page intentionally left blank]*

IN WITNESS WHEREOF, the undersigned has caused this Lender New Commitment to be duly executed and delivered by its proper and duly authorized officer(s).

Name of Institution:

DEUTSCHE BANK AG NEW YORK BRANCH

by /s/ Andrew MacDonald

Name: Andrew MacDonald

Title: Assistant Vice President

If a second signature is necessary:

By: /s/ Howard Lee

Name: Howard Lee

Title: Assistant Vice President

Name of Fund Manager (if any): N/A/

**Name of Institution:**

Deutsche Enhanced Commodity Strategy Fund  
as a Lender  
By: Deutsche Investment Management Americas Inc.  
Investment Advisor

By: /s/ Azeem Haider  
Name: Azeem Haider  
Title: Vice President

If a second signature is necessary:

By: /s/ Mark Rigazio  
Name: Mark Rigazio  
Title: Portfolio Manager

**Name of Institution:**

Deutsche Floating Rate Fund  
as a Lender  
BY: Deutsche Investment Management Americas Inc.  
Investment Advisor

By: /s/ Azeem Haider  
Name: Azeem Haider  
Title: Vice President

If a second signature is necessary:

By: /s/ Mark Rigazio  
Name: Mark Rigazio  
Title: Portfolio Manager

**Name of Institution:**

Deutsche Global Income Builder Fund  
as a Lender  
BY: Deutsche Investment Management Americas Inc.  
Investment Advisor

By: /s/ Azeem Haider  
Name: Azeem Haider  
Title: Vice President

If a second signature is necessary:

By: /s/ Cynthia Sumner  
Name: Cynthia Sumner  
Title: Vice President

**Name of Institution:**

Deutsche Multi Market Income Trust  
as a Lender  
BY: Deutsche Investment Management Americas  
Inc.  
Investment Advisor

By: /s/ Azeem Haider  
Name: Azeem Haider  
Title: Vice President

If a second signature is necessary:

By: /s/ Cynthia Sumner  
Name: Cynthia Sumner  
Title: Vice President

**Name of Institution:**

Deutsche Strategic Income Trust  
as a Lender  
BY: Deutsche Investment Management Americas  
Inc.  
Investment Advisor

By: /s/ Azeem Haider  
Name: Azeem Haider  
Title: Vice President

If a second signature is necessary:

By: /s/ Cynthia Sumner  
Name: Cynthia Sumner  
Title: Vice President

**Name of Institution:**

Diversified Credit Portfolio Ltd.  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Investment Adviser

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Diversified Real Esset CIT  
as a Lender  
BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Investment Advisor to:  
DL  
Blue Diamond Fund, LLC  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DOLLAR SENIOR LOAN FUND, LTD.

as a Lender

By: Credit Suisse Asset Management, LLC, as investment manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Dorchester Park CLO Designated Activity Company  
as a Lender

By: GSO / Blackstone Debt Funds Management LLC  
as Collateral Manager

By: /s/ Thomas Iannarone

Name: Thomas Iannarone

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

DoubleLine Capital LP as Investment Advisor to:  
DoubleLine Core Fixed Income Fund  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Investment Advisor to:  
DoubleLine Flexible Income Fund  
as a Lender

By: /s/ Peter Hwang

Name: Peter Hwang

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Doubleline Capital LP as Investment Advisor to:  
DoubleLine Floating Rate Fund  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Investment Advisor to:  
DoubleLine Shiller Enhanced CAPE  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

Dryden XXIV Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden XXV Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden XXVI Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden XXVIII Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 30 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 31 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 33 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 34 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 36 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 37 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 38 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 40 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 41 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 42 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 43 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 45 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 47 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 49 Senior Loan Fund  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Dryden 53 CLO, Ltd.  
By: PGIM, Inc., as Collateral Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Prudential Bank Loan Fund of the Prudential Trust Company Collective Trust  
By: PGIM, Inc., as investment advisor

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Pramerica Global Loan Opportunities Limited  
By: PGIM, Inc., as Investment Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Pramerica Loan Opportunities Limited  
By: PGIM, Inc., as Investment Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Leveraged Loan (JPY hedged) fund a Series Trust of Cayman World Invest Trust  
By: PGIM, Inc. as Investment Manager

by /s/ Joseph Lemanowicz  
Name: Joseph Lemanowicz  
Title: Vice President

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Dunham Floating Rate Bond Fund as a Lender

By: /s/ Kyle Jennings

Name: Kyle Jennings

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

EAF comPlan II - Private Debt  
as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Asset Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Eastern Band of Cherokee Indians  
as a Lender

By: Bradford & Marzec, LLC as Investment Advisor  
on behalf of the Eastern Brand of Cherokee Indians,  
account number 17-12465

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Eaton Vance Bank Loan Fund A Series Trust of  
Multi Manager Global Investment Trust  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof

Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Eaton Vance Bank Loan Fund Series II A Series  
Trust of Multi Management Global Investment Trust  
as a Lender  
By: Eaton Vance Management as Investment Advisor

By: /s/ Michael B. Brothof

Name: Michael Brothof

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Eaton Vance CDO X PLC as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brothof

\_\_\_\_\_  
Name: Michael Brothof  
Title: Vice President

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Eaton Vance CLO 2013-1 LTD.  
as a Lender  
BY: Eaton Vance Management  
Portfolio Manager

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance CLO 2014-1, Ltd.  
as a Lender  
BY: Eaton Vance Management  
Portfolio Manager

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance CLO 2015-1 Ltd.  
as a Lender  
By: Ewaton Vance Management  
Portfolio Manager

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Floating Rate Portfolio  
as a Lender  
BY: Boston Management and Research as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Floating-Rate Income Plus Fund  
as a Lender

BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof

Name: Michael Brotthof

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Eaton Vance Institutional Senior Loan Fund  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Institutional Senior Loan Plus Fund  
as a Lender  
By: Eaton Vance Management as Investment Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance International (Cayman Islands)  
Floating-Rate Income Portfolio  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brothof

Name: Michael Brothof

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Eaton Vance Limited Duration Income Fund  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Loan Fund Series III A Series Trust of  
Multi Manager Global Investment Trust  
as a Lender  
By: Eaton Vance Management as Investment Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Loan Holding Limited  
as a Lender  
BY: Eaton Vance Management as  
Investment Manager

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Loan Fund Series IV A Series Trust of  
Multi Manager Global Investment Trust  
as a Lender  
By: Eaton Vance Management as Investment Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Floating-Rate Income Trust  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Short Duration Diversified Income  
Fund  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Senior Floating-Rate Trust  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance Senior Income Trust  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance US Loan Fund 2016 a Series Trust of  
Global Cayman Investment Trust  
as a Lender  
BY: Eaton Vance Management as Investment Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Eaton Vance VT Floating-Rate Income Fund  
as a Lender  
BY: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael B. Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ECP CLO 2013-5, LTD  
as a Lender  
BY: Silvermine Capital Management

By: /s/ Richard F. Kurth

Name: Richard Kurth  
Title: Principal

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

ECP CLO 2014-6, LTD.  
as a Lender  
BY: Silvermine Capital Management LLC  
As Portfolio Manager

By: /s/ Richard F. Kurth  
Name: Richard Kurth  
Title: Principal

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ECP CLO 2015-7, Ltd.  
as a Lender  
By: SILVERMINE CAPITAL MANAGEMENT, LLC  
Its Collateral Manager

By: /s/ Richard F. Kurth  
Name: Richard Kurth  
Title: Principal

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Electronic Data Systems 1994 Pension Scheme  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Electronic Data Systems Retirement Plan  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Elevaton CLO 2013-1, Ltd.  
as a Lender

By: /s/ Sanjai Bhonsle  
Name: Sanjai Bhonsle  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Elevation CLO 2014-2, Ltd.  
as a Lender

By: /s/ Sanjai Bhonsle

Name: Sanjai Bhonsle  
Title: Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Elevation CLO 2014-3, Ltd.  
as a Lender  
By: ArrowMark Colorado Holdings LLC  
As Collateral Manager

By: /s/ Sanjai Bhonsle  
Name: Sanjai Bhonsle  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Elevation CLO 2015-4, Ltd.  
as a Lender  
By: Arrowpoint Asset Management, LLC  
As Collateral Manager

By: /s/ Sanjai Bhonsle  
Name: Sanjai Bhonsle  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Elevation CLO 2016-5, Ltd.  
as a Lender  
By: Arrowpoint Asset Management, LLC  
As Collateral Manager

By: /s/ Sanjai Bhonsle  
Name: Sanjai Bhonsle  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Elysium Limited  
as a Lender

By: /s/ Adam Kaiser

\_\_\_\_\_  
Name: Adam Kaiser  
Title: Attorney-In-Fact

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Emerson Park CLO Ltd.  
as a Lender  
BY: GSO / Blackstone Debt Funds Management  
LLC as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Employees' Retirement System of the State of Hawaii  
as a Lender

By: Bradford & Marzec, LLC as Investment Advisor on behalf of the  
Employees' Retirement System of the  
State of Hawaii, account number 17-14428/HIE52

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Employees' Retirement System of the State of Rhode Island as a  
Lender

By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong

Name: Arthur Y.D. Ong

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Employees' Retirement System of the State of Rhode Island as a  
Lender

BY: Western Asset Management Company as  
Investment Manager and Agent

By: /s/ Jed R. Villareal

Name: Jed R. Villareal

Title: Bank Loan Team

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Endurance Investment Holdings Ltd.  
as a Lender  
BY: PineBridge Investments LLC Its Investment  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Endurance Investment Holdings Ltd.  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ERIE INDEMNITY COMPANY

as a Lender

By: Credit Suisse Asset Management, LLC., as its investment  
manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ERIE INSURNACE EXCHANGE

as a Lender

By: Credit Suisse Asset Management, LLC., as its investment  
manager for Erie Indemnity Company, as  
Attorney-in-Fact for Erie Insurance Exchange

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

eSure - Insurance Limited  
as a Lender

By: /s/ Annette Okumu  
Name: Annette Okumu  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Federated Bank Loan Core Fund  
as a Lender

By: /s/ Steven Wagner

Name: Steven Wagner

Title: VP-Sr Analyst/Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

FENGENCO BV 1 QUALIFIED NDT

as a Lender

By: Wellington Management Company LLP as its  
Investment Advisor

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

FENGENCO - BV2 Qualified NDT  
as a Lender  
BY: Logan Circle Partners, LP as Investment  
Manager

By: /s/ Hume Najdawi  
Name: Hume Najdawi  
Title: Associate

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

FENGENCO DB 1 QUALIFIED NDT

as a Lender

By: Wellington Management Company LLP as its  
Investment Advisor

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

If a second signature is necessary:

Name:

Title:

**Name of Institution:**

FENGENCO - Perry 1 Qualified NDT  
as a Lender  
BY: Logan Circle Partners, LP as Investment  
Manager

By: /s/ Hume Najdawi  
Name: Hume Najdawi  
Title: Associate

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution: Ballyrock CLO 2016-LTD**

**By: Ballyrock Investment Advisors LLC, as Collateral Manager**

by /s/ Colm Hogan

Name: Colm Hogan

Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_

Name:

Title:

**Name of Institution: Ballyrock CLO 2014-1 LTD**  
**By: Ballyrock Investment Advisors LLC, as Collateral Manager**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Advisor Series I: Fidelity Advisor Floating Rate High Income Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Floating Rate High Income Fund**  
**for Fidelity Invesments Canada ULC as Trustee of Fidelity Floating Rate High Income Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Name of Institution: Variable Insurance Products Funds: Floating Rate High Income Portfolio

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Summer Street Trust: Fidelity Short Duration High Income Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Floating Rate High Income Investment Trust**  
**for Fidelity Investments Canada ULC as Trustee of Fidelity Floating Rate High Income Investment Trust**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Summer Street Trust: Fidelity Series Floating Rate High Income Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Central Investment Portfolios LLC: Fidelity Specalized High Income Central Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Name of Institution: **Fidelity Income Fund: Fidelity Total Bond Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Name of Institution: **Variable Insurance Products Fund: High Income Portfolio**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Summer Street Trust: Fidelity Focused High Income Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Advisor Series I: Fidelity Advisor High Income Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Central Investment Portfolios LLC: Fidelity High Income Central Fund I**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Central Investment Portfolios LLC: Fidelity Floating Rate Central Fund**

by /s/ Colm Hogan  
Name: Colm Hogan  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Rutland Square Trust II: Strategic Advisers Income Opportunities Fund**  
**By: FIAM LLC as Investment Manager**

by /s/ Dana Rancourt  
Name: Dana Rancourt  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Advanced Series Trust-AST FI Pyramis Quantitative Portfolio**  
**By: FIAM LLC as Investment Manager**

by /s/ Dana Rancourt  
Name: Dana Rancourt  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: MY-PGA US High Yield Fund**  
**By: FIAM LLC as Sub Advisor**

by /s/ Dana Rancourt  
Name: Dana Rancourt  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Fidelity Qualifying Investor Fund Plc**  
**By: FIAM LLC as Sub Advisor**

by /s/ Dana Rancourt  
Name: Dana Rancourt  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: FIAM Leveraged Loan, LP**  
**By: FIAM LLC as Investment Manager**

by /s/ Dana Rancourt  
Name: Dana Rancourt  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: FIAM Floating Rate High Income Commingled Pool**  
**By: Fidelity Institutional Asset Management Trust Company as Trustee**

by /s/ Dana Rancourt  
Name: Dana Rancourt  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: FIAM Floating Rate High Bond Commingled Pool**  
**By: Fidelity Institutional Asset Management Trust Company as Trustee**

by /s/ Dana Rancourt  
Name: Dana Rancourt  
Title: Director

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Figueroa CLO 2013-1, Ltd.  
as a Lender  
BY: TCW Asset Management Company as  
Investment Manager

By: /s/ Nora Olan  
Name: Nora Olan  
Title: Senior Vice President

If a second signature is necessary:

By: /s/ Bibi Khan  
Name: Bibi Khan  
Title: Managing Director

**Name of Institution:**

FIGUEROA CLO 2013-2, LTD  
as a Lender  
BY: TCW Asset Management Company as  
Investment Manager

By: /s/ Nora Olan  
Name: Nora Olan  
Title: Senior Vice President

If a second signature is necessary:

By: /s/ Bibi Khan  
Name: Bibi Khan  
Title: Managing Director

**Name of Institution:**

Figuroa CLO 2014-1, Ltd.  
as a Lender  
BY: TCW Asset Management Company as  
Investment Manager

By: /s/ Nora Olan  
Name: Nora Olan  
Title: Senior Vice President

If a second signature is necessary:

By: /s/ Bibi Khan  
Name: Bibi Khan  
Title: Managing Director

**Name of Institution:**

Fire and Police Pension Fund, San Antonio  
as a Lender  
BY: PineBridge Investments LLC Its Investment  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

First American Title Insurance Company  
as a Lender

By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:** First Investors Floating Rate Fund

by /s/ Lisa Leone  
Name: Lisa Leone  
Title: Senior Acct

For any institution requiring a second signature line:

by /s/ Mark S. Spencer  
Name: Mark S. Spencer  
Title: Assistant Treasurer

**Name of Institution:**

First Trust Senior Floating Rate 2022 Target Term  
Fund as a Lender  
By: First Trust Advisors L.P., its Investment Advisor

By: /s/ Ryan Kommers  
Name: Ryan Kommers  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

First Trust Senior Floating Rate Income Fund II

as a Lender

By: First Trust Advisors L.P., its investment manager

By: /s/ Ryan Kommers

Name: Ryan Kommers

Title: Vice President

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

First Trust Senior Loan ETF (CAD-Hedged)  
as a Lender  
BY: First Trust Advisors L.P.

By: /s/ Ryan Kommers  
Name: Ryan Kommers  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

First Trust Senior Loan Fund  
as a Lender  
BY: First Trust Advisors L.P., its Investment Advisor

By: /s/ Ryan Kommers  
Name: Ryan Kommers  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

First Trust Short Duration High Income Fund  
as a Lender  
BY: First Trust Advisors L.P., its investment manager

By: /s/ Ryan Kommers  
Name: Ryan Kommers  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

First Trust Tactical High Yield ETF

as a Lender

By: First Trust Advisors L.P., its Investment Advisor

By: /s/ Ryan Kommers

Name: Ryan Kommers

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

FirstEnergy System Master Retirement Trust  
as a Lender

By: Bain Capital Credit, LP, as Manager

By: /s/ Andrew Viens

Name: Andrew Viens

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Fixed Income Opportunities Nero, LLC  
as a Lender  
By: BlackRock Financial Management Inc., Its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Flagship CLO VIII Ltd  
as a Lender

BY: Deutsche Investment Management Americas Inc.,  
As Interim Investment Manager

By: /s/ Azeem Haider

Name: Azeem Haider

Title: Vice President

If a second signature is necessary:

By: /s/ Mark Rigazio

Name: Mark Rigazio

Title: Portfolio Manager

**Name of Institution:**

Flagship VIII Limited  
as a Lender  
BY: Deutsche Investment Management Americas Inc.,  
As Investment Manager

By: /s/ Azeem Haider  
Name: Azeem Haider  
Title: Vice President

If a second signature is necessary:

By: /s/ Mark Rigazio  
Name: Mark Rigazio  
Title: Portfolio Manager

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Flatiron CLO 2013-1 Ltd.**

**By: New York Life Investment Management LLC,  
as Collateral Manager and Attorney-In-Fact**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

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**Flatiron CLO 2014-1 Ltd.**

**By: By: NYL Investors LLC,  
as Collateral Manager and Attorney-In-Fact**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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**Flatiron CLO 2015-1 Ltd.**

**By: NYL Investors LLC,  
as Collateral Manager and Attorney-In-Fact**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

**TCI Flatiron CLO 2016-1 Ltd.**  
**By: TCI Capital Management LLC,**  
**its Collateral Manager**

**By: NYL Investors LLC,**  
**its Attorney-In-Fact**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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**Flatiron CLO 17 Ltd.**

**By: NYL Investors LLC,  
as Collateral Manager and Attorney-In-Fact**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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**MainStay Floating Rate Fund,  
a series of MainStay Funds Trust**  
**By: NYL Investors LLC,  
its Subadvisor**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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**MainStay VP Floating Rate Portfolio,  
a series of MainStay VP Funds Trust**  
**By: NYL Investors LLC,  
its Subadvisor**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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**New York Life Insurance Company**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Vice President

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**New York Life Insurance and Annuity Corporation**  
**By: NYL Investors LLC,**  
**its Investment Manager**

By: /s/ Jeanne M. Cruz  
Name: Jeanne M. Cruz  
Title: Managing Director

**Name of Institution:**

Floating Rate Loan Fund, a series of 525 Market  
Street Fund, LLC  
as a Lender  
by: Wells Capital Management, as Investment  
Advisor

By: /s/ Benjamin Fandinola  
Name: Benjamin Fandinola  
Title: Trade Operations Specialist

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Florida Power & Light Company  
as a Lender  
By: Eaton Vance Management as Investment Advisor

By: /s/ Michael Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Four Points Multi-Strategy Master Fund Inc. (Loan  
Account)  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager for the Loan Account

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

FRANKLIN ALTERNATIVE STRATEGIES  
FUNDS - FRANKLIN K2 ALTERNATIVE  
STRATEGIES FUND  
as a Lender  
BY: Loomis, Sayles & Company, L.P., Its Investment  
Manager,  
Loomis, Sayles & Company, Incorporated, Its  
General Partner

By: /s/ Mary McCarthy  
Name: Mary McCarthy  
Title: Vice President, Legal and Compliance  
Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Future Fund Board of Guardians  
as a Lender  
By: Bain Capital Credit, LP, as Investment Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XIV CLO, Ltd.  
as a Lender  
BY: PineBridge Investments LLC, as Collateral  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XIX CLO, Ltd.  
as a Lender  
BY: PineBridge Investments LLC, as Collateral  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XV CLO, Ltd.  
as a Lender  
By: PineBridge Investments LLC  
As Collateral Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XVI CLO, Ltd.  
as a Lender  
By: PineBridge Investments LLC  
As Collateral Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XVII CLO, Ltd.  
as a Lender  
BY: PineBridge Investments LLC, as Collateral  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XVIII CLO, Ltd.  
as a Lender  
BY: PineBridge Investments LLC, as Collateral  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XX CLO, Ltd.

as a Lender

BY: PineBridge Investments LLC, as Collateral  
Manager

By: /s/ Steven Oh

\_\_\_\_\_  
Name: Steven Oh

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Galaxy XXI CLO, Ltd.  
as a Lender  
by PineBridge Investment LLC  
Its Collateral Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XXII CLO, Ltd.  
as a Lender  
By: PineBridge Investments LLC  
as Collateral Manager

By /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Galaxy XXIII CLO, Ltd.

as a Lender

By: PineBridge Investment LLC Its Collateral Manager

By: /s/ Steven Oh

\_\_\_\_\_  
Name: Steven Oh

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Garrison Funding 2015-1 Ltd.

as a Lender

By: Garrison Funding 2015-1 Manager LLC as Portfolio Manager

By: /s/ Annette Okumu

Name: Annette Okumu

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Garrison Funding 2016-1 Ltd.  
as a Lender

By: /s/ Annette Okumu  
Name: Annette Okumu  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Geveran Investments Limited  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution: GGC Treasury Holdings (AI), LP**

by /s/ Rob Stobo

\_\_\_\_\_  
Name: Rob Stobo

Title: Trader

**Name of Institution:**

Gila River Indian Community  
as a Lender

By: Bradford & Marzec, LLC as Investment Advisor on behalf of the  
Gila River Indian Community, account number 1040014161

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

GLG Ore Hill CLO 2013-1, LTD.  
as a Lender

By: /s/ Richard Kurth

\_\_\_\_\_  
Name: Richard Kurth  
Title: Principal

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

GLM MS WH, Ltd.

as a Lender

By: GoldenTree Loan Management LP

By: /s/ Karen Weber

\_\_\_\_\_  
Name: Karen Weber

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Global-Loan SV S.a.r.l.  
as a Lender  
Executed by Alcentra Limited as Portfolio Manager, and Alcentra  
NY, LLC as Sub-Manager, for and on  
behalf of Global-Loan SSV Sarl

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

GoldenTree Loan Management US CLO 1, Ltd.

as a Lender

By: GoldenTree Loan Management LP

By: /s/ Karen Weber

\_\_\_\_\_  
Name: Karen Weber

Title: Authorized Signatory

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

GoldenTree Loan Opportunities XII, Limited  
as a Lender

By: GoldenTree Asset Management LP

By: /s/ Karen Weber

\_\_\_\_\_  
Name: Karen Weber

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution: GOLDMAN SACHS BANK USA**

by /s/ Chris Lam  
Name: Chris Lam  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Goldman Sachs Trust on behalf of the Goldman Sachs High Yield  
Floating Rate Fund  
by Goldman Sachs Asset Management, L.P. as investment advisor and not as principal**

by /s/ Chris Lam  
Name: Chris Lam  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Goldman Sachs Lux Investment Funds for the benefit of Goldman Sachs High Yield Floating Rate Portfolio (Lux)  
by Goldman Sachs Asset Management, L.P. solely as its investment advisor and not as principal**

by /s/ Chris Lam  
Name: Chris Lam  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: ABS Loans 2007 Limited, a subsidiary of Goldman Sachs Institutional Funds II PLC**

by /s/ Chris Lam  
Name: Chris Lam  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Goldman Sachs Trust - Goldman Sachs Income Builder Fund**  
**By: Goldman Sachs Asset Management, L.P. solely as its investment advisor and not as principal**

by /s/ Chris Lam  
Name: Chris Lam  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Advanced Series Trust - AST Goldman Sachs Multi-Asset Portfolio  
by Goldman Sachs Asset Management, L.P. solely as its investment advisor and not as principal**

by /s/ Chris Lam  
Name: Chris Lam  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

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**Golub Capital Partners CLO 19(B)-R, Ltd.**  
**By GC Advisors LLC, as agent**

by /s/ Christina D. Jamieson

Name: Christina D. Jamieson

Title: Senior Portfolio Manager

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AGREEMENT

**Golub Capital Partners CLO 22(B), Ltd.**  
**By GC Advisors LLC, as agent**

by /s/ Christina D. Jamieson

Name: Christina D. Jamieson  
Title: Senior Portfolio Manager

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Golub Capital Partners CLO 23(B), Ltd.**  
**By GC Advisors LLC, as agent**

by /s/ Christina D. Jamieson

Name: Christina D. Jamieson  
Title: Senior Portfolio Manager

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Golub Capital Partners CLO 26(B), Ltd.**  
**By GC Advisors LLC, as agent**

by /s/ Christina D. Jamieson

Name: Christina D. Jamieson  
Title: Senior Portfolio Manager

**Name of Institution:**

Government Employees Superannuation Board  
as a Lender

By: Bain Capital Credit, LP, as Manager

By: /s/ Andrew Viens

Name: Andrew Viens

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Greenbriar CLO, LTD.

as a Lender

By: Highland Capital Management, L.P.,

As Servicer

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Greywolf CLO II, Ltd.  
as a Lender  
BY: Greywolf Capital Management LP, as Portfolio  
Manager

By: /s/ William Troy  
Name: William Troy  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Greywolf CLO III, Ltd.  
as a Lender  
BY: Greywolf Capital Management LP, as Portfolio  
Manager

By: /s/ William Troy  
Name: William Troy  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Greywolf CLO IV, Ltd.  
as a Lender  
BY: Greywolf Capital Management LP, as Portfolio  
Manager

By: /s/ William Troy  
Name: William Troy  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Greywolf CLO V, Ltd.  
as a Lender  
BY: Greywolf Capital Management LP, as Portfolio  
Manager

By: /s/ William Troy  
Name: William Troy  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Grippen Park CLO, Ltd.  
as a Lender  
by GSO / Blackstone Debt Funds Management LLC  
as Collateral Manager to Warehouse Parent, Ltd.

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Guggenheim Taxable Municipal Managed Duration Trust  
as a Lender

BY: Guggenheim Partners Investment Management,  
LLC

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Guggenheim Funds Trust - Guggenheim Floating  
Rate Strategies Fund  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Guggenheim Loan Master Fund, Ltd.

as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

GUGGENHEIM OPPORTUNISTIC U.S. LOAN AND BOND  
FUND IV

as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Investment Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Guggenheim U.S. Loan Fund  
as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Investment Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Guggenheim U.S. Loan Fund II  
as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Investment Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Guggenheim Variable Funds Trust - Series F  
(Floating Rate Strategies Series)  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Investment Adviser

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Halcyon Dynamic Credit Fund II LP  
as a Lender  
BY: Halcyon Loan Investment Management LLC,  
its Investment Manager

By: /s/ David Martino  
Name: David Martino  
Title: Controller

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2012-2, Ltd.  
as a Lender  
BY: Halcyon Loan Advisors 2012-2 LLC as  
collateral manager

By: /s/ David Martino  
Name: David Martino  
Title: Controller

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2013-1, Ltd.  
as a Lender

By: /s/ David Martino  
Name: David Martino  
Title: Controller

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2013-2, LTD.  
as a Lender

By: /s/ David Martino

Name: David Martino  
Title: Controller

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2014-1, Ltd.  
as a Lender

By: Halcyon Loan Advisors 2014-1 LLC as collateral manager

By: /s/ David Martino

Name: David Martino

Title: Controller

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2014-2, Ltd.

as a Lender

By: Halcyon Loan Advisors 2014-2 LLC as collateral manager

By: /s/ David Martino

Name: David Martino

Title: Controller

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2014-3, Ltd  
as a Lender

BY: Halcyon Loan Advisors 2014-3 LLC as  
Collateral Manager

By: /s/ David Martino

Name: David Martino

Title: Controller

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2015-1, Ltd  
as a Lender

By: Halcyon Loan Advisors 2015-1 LLC as  
Collateral Manager

By: /s/ David Martino \_\_\_\_\_

Name: David Martino

Title: Controller

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2015-2, Ltd.  
as a Lender

By: /s/ David Martino  
Name: David Martino  
Title: Controller

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2015-3, Ltd  
as a Lender

By: Halcyon Loan Advisors 2015-3 LLC as Collateral Manager

By: /s/ David Martino

Name: David Martino

Title: Controller

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

Halcyon Loan Advisors Funding 2017-1, Ltd  
as a Lender  
By: Halcyon Loan Advisors A LLC as Collateral Manager

By: /s/ David Martino  
Name: David Martino  
Title: Controller

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Hartford Multi-Asset Income Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Hartford Total Return Bond HLS Fund  
as a Lender

By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

The Hartford Unconstrained Bond Fund  
as a Lender

By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Health Net Community Solutions, Inc.  
as a Lender  
BY: Deutsche Investment Management Americas  
Inc.  
As Manager

By: /s/ Aazeem Haider  
Name: Aazeem Haider  
Title: Vice President

For any institution requiring a second signature line:

By: /s/ Mark Rigazio  
Name: Mark Rigazio  
Title: Portfolio Manager

**Name of Institution:**

Health Net of California, Inc.  
as a Lender  
BY: GoldenTree Asset Management, L.P.

By: /s/ Karen Weber  
Name: Karen Weber  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Health Net of California, Inc.  
as a Lender

By: Deutsche Investment Management Americas Inc.  
As Manager

By: /s/ Mark Rigazio

Name: Mark Rigazio

Title: Portfolio Manager

For any institution requiring a second signature line:

By: /s/ Paula Penkal

Name: Paula Penkal

Title: Director

**Name of Institution:**

Hempstead II CLO Ltd.

as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Warehouse Collateral Manager

By: /s/ Trinh, Kaitlin

Name: Trinh, Kaitlin

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

High Yield and Bank Loan Series Trust  
as a Lender  
By: GoldenTree Asset Management, LP

By: /s/ Karen Weber \_\_\_\_\_  
Name: Karen Weber  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Highbridge Loan Management 4-2014, Ltd.  
as a Lender  
By: HPS Investment Partners, LLC  
As the Collateral Manager

By: /s/ Jamie Donsky  
Name: Jamie Donsky  
Title: Senior Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Highbridge Loan Management 5-2015, Ltd.  
as a Lender  
By: HPS Investment Partners, LLC  
As the Collateral Manager

By: /s/ Jamie Donsky  
Name: Jamie Donsky  
Title: Senior Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Highbridge Loan Management 6-2015, Ltd.  
as a Lender

By: HPS Investment Partners, LLC  
As the Collateral Manager

By: /s/ Jamie Donsky

Name: Jamie Donsky

Title: Senior Vice President

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Highbridge Loan Management 8-2016, Ltd.  
as a Lender  
By: HPS Investment Partners, LLC  
As the Collateral Manager

By: /s/ Jamie Donsky  
Name: Jamie Donsky  
Title: Senior Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Highbridge Loan Management 7-2015, Ltd.  
as a Lender

By: HPS Investment Partners, LLC,  
its Collateral Manager

By: /s/ Jamie Donsky

Name: Jamie Donsky

Title: Senior Vice President

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Highland Funds I, on behalf of its Series, Highland  
Floating Rate Opportunities Fund  
as a Lender

By: /s/ Brian Mitts \_\_\_\_\_

Name: Brian Mitts

Title: Senior Fund Analyst

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Highland Loan Master Fund, L.P.  
as a Lender

By: Highland Capital Management, L.P., As  
Investment Manager

By: /s/ Carter Chism

\_\_\_\_\_  
Name: Carter Chism

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Highland Prometheus Master Fund, L.P.  
as a Lender

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Highland Funds I, on behalf of its Series, Highland/  
iBoxx Senior Loan ETF  
as a Lender

By: /s/ Brian Mitts \_\_\_\_\_

Name: Brian Mitts

Title: Senior Fund Analyst

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Highmark Inc.  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as  
Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Houston Casualty Company  
as a Lender

By: BlackRock Investment Management, LLC, its  
Investment Manager

By: /s/ Rob Jacobi

\_\_\_\_\_  
Name: Rob Jacobi

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

HPS Loan Management 10-2016, Ltd.  
as a Lender

By: HPS Investment Partners, LLC,  
its Investment Manager

By: /s/ Jamie Donsky

Name: Jamie Donsky

Title: Senior Vice President

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

HPS Loan Management 9-2016, Ltd.  
as a Lender  
By: HPS Investment Partners, LLC  
As the Collateral Manager

By: /s/ Jamie Donsky  
Name: Jamie Donsky  
Title: Senior Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

HSBC Bank USA, N.A.

By: /s/ Andrew M. Horn

Name: Andrew M. Horn

Title: Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Hull Street CLO, Ltd.  
as a Lender

By: /s/ Scott D'Orsi

Name: Scott D'Orsi

Title: Portfolio Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

HYFI Aquamarine Loan Fund  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

HYFI LOAN FUND

as a Lender

By: Credit Suisse Asset Management, LLC, as  
investment manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

IAM National Pension Fund  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Adviser

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

IBM 401(k) Plus Plan Trust  
as a Lender

By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

ICG US CL 2014-1, Ltd.  
as a Lender

By: /s/ Seth Katzenstein

Name: Seth Katzenstein

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

ICG US CL 2014-2, Ltd  
as a Lender

By: /s/ Seth Katzenstein

\_\_\_\_\_  
Name: Seth Katzenstein

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

ICG US CLO 2014-3, Ltd.  
as a Lender

By: /s/ Seth Katzenstein

Name: Seth Katzenstein

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

ICG US CLO 2015-1, Ltd  
as a Lender

By: /s/ Seth Katzenstein

\_\_\_\_\_  
Name: Seth Katzenstein

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

ICG US CLO 2015-2, Ltd.  
as a Lender

By: /s/ Seth Katzenstein  
Name: Seth Katzenstein  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

ICG US CLO 2016-1, Ltd.  
as a Lender

By: /s/ Seth Katzenstein  
Name: Seth Katzenstein  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

ICG US CLO 2017-1, Ltd.  
as a Lender

By: /s/ Seth Katzenstein  
Name: Seth Katzenstein  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

ICM Global Floating Rate Income Limited

as a Lender

By: Investcorp Credit Management US LLC, as the  
US

Investment Manager

By: /s/ David Nadeau

Name: David Nadeau

Title: Portfolio Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

ICM Senior Loan Fund, L.P.  
as a Lender  
By: Investcorp Credit Management US LLC,  
as Portfolio Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Illinois State Board of Investment  
as a Lender  
By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

For any institution requiring a second signature line:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

**Name of Institution:**

ILLINOIS STATE BOARD OF INVESTMENT  
as a Lender  
BY: THL Credit Senior Loan Strategies LLC, as  
Investment Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

ILWU - PMA PENSION PLAN

as a Lender

By: Bradford & Marzec, LLC as Investment Advisor  
on behalf of the ILWU - PMA Pension Plan, account  
number CIT7

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Imperial County Employees' Retirement System  
as a Lender

By: Bradford & Marzec, LLC as Investment Advisor  
on behalf of the Imperial County Employees'  
Retirement System, account number P24736/43383

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Indiana Public Retirement System  
as a Lender  
By: Oaktree Capital Management, L.P.  
its: Investment Manager

By: /s/ Tim Fairty  
Name: Tim Fairty  
Title: Vice President

For any institution requiring a second signature line:

By: /s/ Armen Panossian  
Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Indian University

as a Lender

By: Loomis, Sayles & Company, L.P., Its

Investment

Manager

By: Loomis, Sayles & Company, Incorporated, Its

General Partner

By: /s/ Mary McCarthy

Name: Mary McCarthy

Title: Vice President, Legal and Compliance Analyst

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Indiana University Health, Inc.  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC, as Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

ING CAPITAL LLC

By: /s/ Mallika Kambhampati

Name: Mallika Kambhampati

Title: Managing Director

For any institution requiring a second signature line:

By: /s/ Ian J., Nyi

Name: Ian J., Nyi

Title: Vice President

**Name of Institution:**

Putnam Canadian Global Trust - Putnam Canadian  
Fixed Income  
Global Alpha Fund

By: /s/ Kerry O'Donnell

Name: Kerry O'Donnell  
Title: Manager

For any institution requiring a second signature line:

By:

Name:  
Title:

**Name of Institution:**

Putnam Absolute Return Fixed Income Fund

By: /s/ Kerry O'Donnell

Name: Kerry O'Donnell

Title: Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Putnam Funds Trust, on behalf of its series, Putnam Absolute Return  
500 Fund

By: /s/ Suzanne Deshaies

Name: Suzanne Deshaies

Title: Vice President

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Putnam Absolute Return 300 Fund

By: /s/ Kerry O'Donnell

Name: Kerry O'Donnell

Title: Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

International Investment Fund - Putname Global  
Alpha Fund

By: /s/ Kerry O'Donnell

Name: Kerry O'Donnell

Title: Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

International Investment Fund - Putname Global  
Alpha A Fund

By: /s/ Kerry O'Donnell

Name: Kerry O'Donnell

Title: Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Putname Floating Rate Income Fund

By: /s/ Kerry O'Donnell

Name: Kerry O'Donnell

Title: Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Invesco BL Fund, Ltd.  
as a Lender  
By: Invesco Management S.A. As Investment  
Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco Dynamic Credit Opportunities Fund  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as Sub-advisor

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco Floating Rate Fund  
as a Lender

BY: Invesco Senior Secured Management, Inc. as  
Sub-Adviser

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Invesco Floating Rate Fund  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Sub-Adviser

By: /s/ Egan, Kevin  
Name: Egan, Kevin  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco Gemini US Loan Fund LLC  
as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Advisor

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title

:

**Name of Institution:**

Invesco Leveraged Loan Fund 2016 A Series Trust  
of  
Global Multi Portfolio Investment Trust  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco Polaris US Bank Loan Fund  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco Senior Income Trust  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Sub-advisor

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco Senior Loan Fund  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Sub-advisor

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

INVESCO SSL FUND LLC

as a Lender

By: Invesco Senior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Invesco US Leveraged Loan Fund 2016-9 a Series  
Trust of Global Mutli Portfolio Investment Trust  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco US Senior Loans 2021, L. P.  
as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Invesco Zodiac Funds - Invesco Global Senior Loan  
Select Fund  
as a Lender  
By: Invesco Senior Secured Management, Inc., as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Invesco Zodiac Funds - Invesco US Senior Loan  
Fund  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

iShares Advantaged Short Duration High Income  
ETF (CAD-Hedged)  
as a Lender  
By: BlackRock Institutional Trust Company, N.A.  
(BTC) in its capacity as investment sub-advisor of the fund

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

ISL Loan Trust II  
as a Lender  
BY: Voyal Investment Management Co. LLC, as its investment  
advisor

By: /s/ Jim Essert  
Name: Jim Essert  
Title: Senior Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jackson Mill CLO Ltd.

as a Lender

By: Shenkman Capital Management, Inc.,

as Portfolio Manager

By: /s/ Justin Slatky \_\_\_\_\_

Name: Justin Slatky

Title: CO-CIO

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Jamestown CLO II Ltd.  
as a Lender  
By: 3i Debt Management US, LLC as Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO III Ltd.  
as a Lender  
By: 3i Debt Management US, LLC as Portfolio  
Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO IV Ltd.  
as a Lender  
BY: 3i Debt Management U.S. LLC, as Portfolio  
Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO IX Ltd.  
as a Lender  
By: 3i Debt Management U.S. LLC, as Portfolio  
Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO V Ltd.  
as a Lender  
By: 3i Debt Management U.S. LLC, as Portfolio

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO VI Ltd.  
as a Lender  
By: 3i Debit Management U.S. LLC, as Portfolio  
Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO VII Ltd.  
as a Lender  
By: 3i Debt Management U.S. LLC, as Portfolio  
Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO VIII Ltd.  
as a Lender  
By: 3i Debt Management U.S. LLC, as Portfolio  
Manager

By: /s/ David Nadeau  
Name: David Nadeau  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jamestown CLO X Ltd.  
as a Lender  
By: 3i Debt Management U.S. LLC, as Portfolio  
Manager

By: /s/ Nadeau, David  
Name: Nadeau, David  
Title: Partner

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jay Park CLO Ltd.  
as a Lender  
By: Virtus Partners LLC  
as Collateral Administrator

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Jeffries Leverage Credit Products, LLC

By: /s/ Paul J. Loomis

Name: Paul J. Loomis

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Jerfferson Mill CLO, Ltd.

as a Lender

By: Shenkman Capital Management, Inc.,  
as Collateral Manager

By: /s/ Justin Slatky \_\_\_\_\_

Name: Justin Slatky

Title: CO-CIO

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JFIN CLO 2013 Ltd.  
as a Lender  
By: Apex Credit Partners LLC, as Portfolio Manager

By: /s/ Andrew Stern  
Name: Andrew Stern  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JFIN CLO 2014 LTD  
as a Lender  
By: Apex Credit Partners LLC, as Portfolio Manager

By: /s/ Andrew Stern  
Name: Andrew Stern  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JFIN CLO 2014-II LTD.

as a Lender

By: Apex Credit Partners LLC, as Portfolio Manager

By: /s/ Andrew Stern

Name: Andrew Stern

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JFIN CLO 2015 LTD.

as a Lender

By: Apex Credit Partners, LLC, as Portfolio Manager

By: /s/ Andrew Stern

Name: Andrew Stern

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JFIN CLO 2015-II LTD.  
as a Lender

By: /s/ Andrew Stern  
Name: Andrew Stern  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JFIN CLO 2016 LTD.

as a Lender

By: Apex Credit Partners LLC, as Portfolio Manager

By: /s/ Andrew Stern

Name: Andrew Stern

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JFIN CLO 2017 LTD.

as a Lender

By: Apex Credit Partners LLC, as Portfolio Manager

By: /s/ Andrew Stern

Name: Andrew Stern

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JFIN Fund V 2017 LLC  
as a Lender  
By: Apex Credit Partners LLC, as Potfolio Manager

By: /s/ Andrew Stern  
Name: Andrew Stern  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JFIN MM CLO 2014 LTD.

as a Lender

By: Apex Credit Partners LLC, as Portfolio Manager

By: /s/ Andrew Stern

Name: Andrew Stern

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JFIN US Investment Grade & Leveraged Loan Buy  
and Maintain Fund (FX and IR Hedged)

as a Lender

By: BlackRock Financial Management, Inc., as  
Investment Manager

By: /s/ Rob Jacobi

Name: Rob Jacobi

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

John Hancock Global Short Duration Credit Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor - Investment Operations

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JM2 Global Loan Fund 2017 A SERIES TRUST OF MULTI  
MANAGER GLOBAL INVESTMENT TRUST  
as a Lender  
by Alcentra NY, LLC as its Collateral Manager

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JMP CREDIT ADVISORS CLO III LTD.

By: /s/ Christopher R. Bellamy

Name: Christopher R. Bellamy

Title: Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JMP CREDIT ADVISORS CLO IV LTD.

By: /s/ Christopher R. Bellamy

Name: Christopher R. Bellamy

Title: Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JNL/BlackRock Global Long Short Credit Fund  
as a Lender  
By: BlackRock Financial Management, Inc., its Sub-Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Sub-Advisor to:  
JNL/DoubleLine Shiller Enhanced CAPE Fund  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Sub-Advisor to JNL/FPA  
+ DoubleLine Flexible Allocation Fund  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JNL/Neuberger Berman Strategic Income Fund  
as a Lender

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

John Hancock Fund II Floating Rate Income Fund  
as a Lender

BY: Western Asset Management Company as  
Investment Manager and Agent

By: /s/ Jed R. Villareal

\_\_\_\_\_  
Name: Jed R. Villareal

Title: Bank Loan Team

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

John Hancock Variable Insurance Trust - Investment Quality Bond  
Trust  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

JPMBI re Blackrock Bankloan Fund  
as a Lender  
BY: BlackRock Financial Management Inc., as a Sub-Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Senior Secured Loan Fund, The Initial  
Series of Trust of GIM Trust 2

By: /s/ William J Morgan

Name: William J Morgan

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Remuda Capital Management, LTD

By: /s/ William J Morgan

Name: William J Morgan

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JPMorgan Floating Rate Income Fund

By: /s/ William J Morgan

Name: William J Morgan

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

JPMorgan Flexible Credit Long Short Fund

By: /s/ William J Morgan

Name: William J Morgan

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

GIM Specialist Investment Funds - GIM Multi  
Sector Credit Fund

By: /s/ William J Morgan

Name: William J Morgan

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Commingled Pension Trust Fund (Floating  
Rate Income of JPMorgan Chase Bank, N.A.

By: /s/ William J Morgan

Name: William J Morgan

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Kaiser Foundation Hospitals  
as a Lender

By: Invesco Senior Secured Management, Inc. as Investment  
Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KAISER FOUNDATION HOSPITALS  
as a Lender  
BY: Ares Management LLC, as portfolio manager

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Kaiser Foundation Hospitals  
as a Lender  
BY: AllianceBernstein L.P

By: /s/ Neil Ruffell

\_\_\_\_\_  
Name: Neil Ruffell  
Title: VP - Corporate Actions

For any institution requiring a second signature line:

By:

Name:  
Title:

**Name of Institution:**

Kaiser Permanente Group Trust  
as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KAISER PERMANENTE GROUP TRUST

as a Lender

BY: Kaiser Foundation Health Plan, Inc., as named  
fiduciary

By: Ares Management LLC, as portfolio manager

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Kapitalforeningen Investin Pro, US Leveraged  
Loans

I  
as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Kentucky Retirement Systems (Shenkman -  
Insurance Fund Account)  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as  
Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Kentucky Retirement Systems (Shenkman - Pension  
Account)  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as  
Investment Manager

By: /s/ Justin Slatky

Name: Justin Slatky  
Title: CO-CIO

For any institution requiring a second signature line:

By:

Name:  
Title:

**Name of Institution:**

Kentucky Teachers' Retirement System Insurance  
Trust Fund  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

KING STREET ACQUISITION COMPANY,  
L.L.C.

By: King Street Capital Management, L.P.  
Its Manager

By: King Street Capital Management GP, L.L.C.  
Its General Partner

By: /s/ Jay Ryan

Name: Jay Ryan

Title: Chief Financial Officer

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Kingsland IV, Ltd.  
as a Lender  
BY: Kingsland Capital Management, LLC, as  
Manager

By: /s/ Katherine Kim  
Name: Katherine Kim  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Kingsland V, Ltd.  
as a Lender  
BY: Kingsland Capital Management, LLC, as  
Manager

By: /s/ Katherine Kim  
Name: Katherine Kim  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Kingsland VI  
as a Lender  
By: Kingsland Capital Management, LLC as  
Manager

By: /s/ Katherine Kim  
Name: Katherine Kim  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Kingsland VII  
as a Lender  
By: Kingsland Capital Management, LLC as  
Manager

By: /s/ Katherine Kim  
Name: Katherine Kim  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Kitty Hawk CLO 2015-1 LLC  
as a Lender

By: Guggenheim Partners Investment Management,  
LLC, as Collateral Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 10 LTD.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 11 LTD.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 12 LTD.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 13 Ltd.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 14 Ltd.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 15 Ltd.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 16 Ltd.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 17 Ltd.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 18 Ltd.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR CLO 9 Ltd.  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR FINANCIAL CLO 2012-1, LTD  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR FINANCIAL CLO 2013-1, LTD  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR FINANCIAL CLO 2013-2, LTD  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KKR JP LOAN FUND 2015 A SERIES TRUST OF  
MULTI MANAGER GLOBAL INVESTMENT  
TRUST  
as a Lender

By: /s/ Jeffrey Smith  
Name: Jeffrey Smith  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

KKR JP Loan Fund 2017 a Series Trust of Multi  
Manager Global Investment Trust  
as a Lender

By: /s/ Jeffrey Smith

Name: Jeffrey Smith

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

KP FIXED INCOME FUND

as a Lender

By: Credit Suisse Asset Management, LLC, as Sub-  
Adviser for Callan Associates Inc., the Adviser for  
The KP Funds, the Trust for KP Fixed Income Fund

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Lanacashire Insurance Company Limited  
as a Lender  
By: PineBridge Investments Europe Limited  
As Collateral Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XII Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XIII Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XIV Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XIX Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XV Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XVI Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XVII Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XVIII Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XX Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XXI Limited Partnership  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XXII Ltd.  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XXIII Ltd.  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LCM XXIV Ltd.  
as a Lender  
By: LCM Asset Management LLC  
As Collateral Manager

By: /s/ Sophie Venon A.  
Name: Sophie Venon A.  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Lexington Insurance Company  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Liberty Mutual Insurance Company  
as a Lender

By: /s/ Robert A. Howard

Name: Robert A. Howard

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Liberty Mutual Retirement Plan Master Trust, as  
Assignee

as a Lender

By: LIBERTY MUTUAL GROUP ASSET  
MANAGEMENT INC. ACTING FOR AND ON  
BEHALF OF LIBERTY MUTUAL RETIREMENT  
PLAN MASTER TRUST

By: /s/ Robert A. Howard

Name: Robert A. Howard

Title: Authorized Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Limerock CLO III, Ltd.

as a Lender

BY: Invesco Senior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Linde Pension Plan Trust  
as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Liquid Loan Opportunities Master Fund, L.P.  
as a Lender  
By: HPS Investment Partners, LLC  
Its Investment Manager

By: /s/ Jamie Donsky  
Name: Jamie Donsky  
Title: Senior Vice President

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Litman Gregory Masters Alternative Strategies Fund  
as a Lender

By: Loomis, Sayles & Company, L.P., As Sub-  
advisor for Litman Gregory Fund Advisors, LLC

By: /s/ Mary McCarthy

Name: Mary McCarthy

Title: Vice President, Legal and Compliance  
Analyst

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Lloyds Banking Group Pensions Trustees Limited as trustee of  
Lloyds Bank Pension Scheme No. 1  
as a Lender  
BY: Ares Management Limited, its Investment  
Manager

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Lloyds Banking Group Pensions Trustees Limited as trustee of  
Lloyds Bank Pension Scheme No. 2  
as a Lender  
BY: Ares Management Limited, its Investment  
Manager

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Long Journey Credit OpportunitiesFund, L.P.  
Long Journey Credit Opportunitities GP, Ltd.

By: /s/ Jerry Jiang

Name: Jerry Jiang  
Title: Trader

For any institution requiring a second signature line:

By:

Name:  
Title:

**Name of Institution:**

Long Point Park CLO Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management LLC as Collateral  
Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Longfellow Place CLO, Ltd.  
as a Lender

By: /s/ Scott D'Orsi  
Name: Scott D'Orsi  
Title: Portfolio Manager

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Loomis Sayles Global Strategic Alpha Fund  
as a Lender

By: Loomis, Sayles & Company, L.P., its Investment  
Manager

By: Loomis, Sayles & Company, Incorporated, its  
General Partner

By: /s/ Mary McCarthy

Name: Mary McCarthy

Title: Vice President, Legal and Compliance Analyst

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

LOOMIS SAYLES STRATEGIC ALPHA BOND  
FUND, a Sub-Fund of Natixis International Funds  
(Lux) I  
as a Lender

By: Loomis, Sayles & Company, L.P., Its Investment  
Manager

By: Loomis, Sayles & Company, Incorporated, Its  
General Partner

By: /s/ Mary McCarthy \_\_\_\_\_

Name: Mary McCarthy

Title: Vice President, Legal and Compliance  
Analyst

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Loomis Sayles Global Strategic Alpha Fund  
as a Lender

By: Loomis, Sayles & Company, L.P., Its Investment  
Manager

By: Loomis, Sayles & Company, Incorporated, Its  
General Partner

By: /s/ Mary McCarthy

Name: Mary McCarthy

Title: Vice President, Legal and Compliance  
Analyst

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Lord Abbett Bank Loan Trust  
as a Lender  
By: Lord Abbett & Co LLC, As Investment Manager

By: /s/ Jeffrey Lapin  
Name: Jeffrey Lapin  
Title: Portfolio Manager, Taxable Fixed Income

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Lord Abbett Investment Trust - Lord Abbett Floating  
Rate Fund  
as a Lender  
By: Lord Abbett & Co LLC, As Investment Manager

By: /s/ Jeffrey Lapin  
Name: Jeffrey Lapin  
Title: Portfolio Manager, Taxable Fixed Income

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Los Angeles County Metropolitan Transportation  
Authority Retiree Health Care and Welfare Benefit  
Trust

as a Lender

BY: Bradford & Marzec, LLC as Investment Advisor on behalf of the  
Los Angeles County Metropolitan  
Transportation Authority Retiree Health Care and Welfare Benefit  
Trust, account number 19-500679

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

DoubleLine Capital LP as Investment Advisor to:  
Louisiana State Employees' Retirement System  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

LUCUMA FUNDING ULC  
as a Lender

By: /s/ Madonna Sequeira  
Name: Madonna Sequeira  
Title: Authorized Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

M&G Dynamic European Loan Fund Limited  
as a Lender

By: /s/ Fabian Ansorg

Name: Fabian Ansorg

Title: Authorised Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

M&G European Loan Fund Limited  
as a Lender

By: /s/ Fabian Ansorg

Name: Fabian Ansorg

Title: Authorised Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

M&G Focused European Loan Fund Limited  
as a Lender

By: /s/ Fabian Ansorg  
Name: Fabian Ansorg  
Title: Authorised Signatory

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

M&G Independent European Loan Fund Limited  
as a Lender

By: /s/ Fabian Ansorg

Name: Fabian Ansorg

Title: Authorised Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

M&G Managed European Loan Fund Limited  
as a Lender

By: /s/ Fabian Ansorg

Name: Fabian Ansorg

Title: Authorised Signatory

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Delaware Diversified Income Trust  
as a Lender

By: /s/ Adam Brown

Name: Adam Brown

Title: Portfolio Manager

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

MADISON PARK FUNDING V, LTD

as a Lender

By: Credit Suisse Asset Management, LLC, as  
collateral manager

By: /s/ Thomas Flannery \_\_\_\_\_

Name: Thomas Flannery

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

MADISON PARK FUNDING X, LTD.

as a Lender

BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Madison Park Funding XI, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XII, Ltd.  
as a Lender  
By: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XIII, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

MADISON PARK FUNDING XIV, LTD.  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XIX, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC,  
as portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XV, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
Portfolio Manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XVI, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

MADISON PARK FUNDING XVII, LTD.

as a Lender

BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

For any institution requiring a second signature line:

By:

Name:

Title:

**Name of Institution:**

Madison Park Funding XVIII, Ltd.  
as a Lender  
By: Credit Suisse Asset Management, LLC  
as Collateral Manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XX, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XXI, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XXII, Ltd.  
as a Lender  
By: Credit Suisse Asset Management, LLC, as  
portfolio manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XXIII, Ltd.  
as a Lender  
By: Credit Suisse Asset Management, LLC  
as Collateral manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Madison Park Funding XXIV, Ltd.  
as a Lender  
BY: Credit Suisse Asset Management, LLC  
as Collateral manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

For any institution requiring a second signature line:

By:  
Name:  
Title:

**Name of Institution:**

Magnetite IX, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Collateral Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite VII, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Collateral Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite VIII, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Collateral Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite XI, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Portfolio Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite XII, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Collateral Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite XIV, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Collateral Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite XV, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite XVI, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Portfolio Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite XVII, Limited  
as a Lender  
BY: BLACKROCK FINANCIAL MANAGEMENT,  
INC., as Interim Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Magnetite XVIII, Limited  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Collateral Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

MainStay Short Duration High Yield Fund, a series  
of MainStay Funds Trust  
as a Lender  
By: MacKay Shields LLC, as Subadviser and not  
individually

By: /s/ Andrew Susser  
Name: Andrew Susser  
Title: Senior Managing Director

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

MAM CORPORATE LOAN ICAV  
as a Lender  
By: MARATHON ASSET MANAGEMENT, L.P.  
Its Investment Manager

By: /s/ Louis Hanover  
Name: Louis Hanover  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Asset Management Canadian Core Plus  
Fixed Income Pooled Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Balanced Income Private Trust  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Canadian Bond Plus Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Corporate Bond Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Corporate Fixed Income Private Turst  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Floating Rate Income Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Floating Rate Senior Loan Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Global Strategic Balanced Yield Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Global Tactical Credit Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Investments Trust – Floating Rate Income  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife U.S. Dollar Floating Rate Income Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife US Fixed Income Private Trust  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Manulife Yield Opportunities Fund  
as a Lender

By: /s/ Kelly Egan  
Name: Kelly Egan  
Title: Supervisor – Investment Operations

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

MARATHON CLO IX LTD.

as a Lender

By: MARATHON ASSET MANAGEMENT, L.P.

as Portfolio Manager

By: /s/ Louis Hanover \_\_\_\_\_

Name: Louis Hanover

Title: Authorized Signatory

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Marathon CLO V Ltd.  
as a Lender

By: /s/ Louis Hanover

Name: Louis Hanover

Title: Authorized Signatory

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Marathon CLO VI Ltd.  
as a Lender

By: /s/ Louis Hanover

Name: Louis Hanover

Title: Authorized Signatory

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Marathon CLO VII Ltd.  
as a Lender

By: /s/ Louis Hanover

Name: Louis Hanover

Title: Authorized Signatory

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Marathon CLO VIII Ltd.  
as a Lender

By: /s/ Louis Hanover  
Name: Louis Hanover  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:** Mariner CLO 2016-3, Ltd.

by: /s/ David Martin  
Name: David Martin  
Title: Authorized Signatory

For any institution requiring a signature line:

by: NA  
Name  
Title

**Name of Institution:** HMS-ORIX Holdings I LLC

by: /s/ Bradley E. Willson  
Name: David Martin  
Title: Authorized Signatory

For any institution requiring a signature line:

by: NA  
Name  
Title

**Name of Institution:**

Maryland State Retirement and Pension System  
as a Lender  
By: Neuberger Berman Investment Advisers LLC  
as collateral manager

By: /s/ Colin Donlan  
Name: Colin Donlan  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Medical Liability Mutual Insurance Company  
as a Lender  
BY: Invesco Advisers, Inc. as Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By: Bibi Khan  
Name: Bibi Khan  
Title: Managing Director

**Name of Institution:**

MidOcean Credit CLO I  
as a Lender

By: /s/ Jim Wiant

Name: Jim Wiant

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Medtronic Holding Switzerland GMBH  
as a Lender

By: /s/ Adam Alden

Name: Ada, Alden  
Title: Vice President

If a second signature is necessary:

By:

Name  
Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

Medtronic Holding Switzerland GMBH  
as a Lender

By: Voya Investment Management Co. LLC,  
as its investment manager

By: /s/ Jim Essert

Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

Menard, Inc.  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By: Name  
Title

**Name of Institution:**

Mercer Field II CLO Ltd

as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Collateral Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

MERRIAM FINANCIAL SERVICES, LTD  
as a Lender  
by Payden & Rygel as Investment Adviser

By: /s/ David Scott

\_\_\_\_\_  
Name: David Scott

Title: Senior Fixed Income Trader

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

Metropolitan West Floating Rate Income Fund  
as a Lender

BY: Metropolitan West Asset Management as  
Investment Manager

By: /s/ Nora Olan

\_\_\_\_\_  
Name: Nora Olan

Title: Senior Vice President

If a second signature is necessary:

By: /s/

Name: Bibi Khan

Title: Managing Director

**Name of Institution:**

MidOcean Credit CLO I

as a Lender

By: MidOcean Credit Fund Management LP, as  
Portfolio Manager

By: Ultramar Credit Holdings, Ltd., its General  
Partner

By: /s/ Jim Wiant

Name: Jim Wiant

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

MidOcean Credit CLO II

as a Lender

By: MidOcean Credit Fund Management LP, as  
Portfolio Manager

By: Ultramar Credit Holdings, Ltd., its General  
Partner

By: /s/ Jim Wiant

Name: Jim Wiant

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

MidOcean Credit CLO III

as a Lender

By: MidOcean Credit Fund Management LP, as  
Portfolio Manager

By: Ultramar Credit Holdings, Ltd., its General  
Partner

By: /s/ Jim Wiant

Name: Jim Wiant

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

MidOcean Credit CLO IV

as a Lender

By: MidOcean Credit Fund Management LP, as  
Portfolio Manager

By: Ultramar Credit Holdings, Ltd., its General  
Partner

By: /s/ Jim Wiant

Name: Jim Wiant

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

MidOcean Credit CLO V

as a Lender

By: MidOcean Credit Fund Management LP, as  
Portfolio Manager

By: Ultramar Credit Holdings, Ltd., its General  
Partner

By: /s/ Jim Wiant

Name: Jim Wiant

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

MidOcean Credit CLO VI

as a Lender

By: MidOcean Credit Fund Management LP, as  
Portfolio Manager

By: Ultramar Credit Holdings, Ltd., its General  
Partner

By: /s/ Jim Wiant

Name: Jim Wiant

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Midwest Operating Engineers Pension Fund  
as a Lender

By: Bradford & Marzec, LLC as Investment Advisor  
on behalf of the Midwest Operating Engineers  
Pension Fund, account number 17-06210/MDP03

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Midwest Operating Engineers Pension Trust Fund  
as a Lender  
Tortoise Credit Strategies, LLC as Investment  
Advisor on behalf of the Midwest Operating  
Engineers Pension Trust  
Fund, account number 17-06863/MDP10 MDP03

By: /s/ John Heitkemper

Name: John Heitkemper  
Title: Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Mineworkers' Pension Scheme  
as a Lender

By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Missouri Education Pension Trust  
as a Lender

By: Oaktree Capital Management, L.P.  
Its: Investment Manager

By: /s/ Tim Fairty

Name: Tim Fairty

Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian

Title: Managing Director

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AGREEMENT

**Name of Institution: MORGAN STANLEY BANK, N.A.**

by: /s/ Emanuel Ma \_\_\_\_\_  
Name: Emanuel Ma  
Title: Authorized Signatory

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

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AGREEMENT

**Name of Institution: MORGAN STANLEY BANK, N.A.**

by: /s/ Emanuel Ma \_\_\_\_\_  
Name: Emanuel Ma  
Title: Authorized Signatory

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Mountain Hawk II CLO, LTD.  
as a Lender

By: /s/ Jed R. Villareal

Name: Jed R. Villareal

Title: Bank Loan Team

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Mountain Hawk III CLO, LTD.  
as a Lender

By: /s/ Jed R. Villareal

Name: Jed R. Villareal  
Title: Bank Loan Team

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Mountain View CLO 2013-1 Ltd.

as a Lender

By: Seix Investment Advisors LLC, as Collateral  
Manager

By: /s/ George Goudelias

Name: George Goudelias

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Mountain View CLO 2014-1 Ltd.  
as a Lender

By: Seix Investment Advisors LLC, as Collateral  
Manager

By: /s/ George Goudelias

Name: George Goudelias

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Mountain View CLO 2016-1 Ltd.  
as a Lender

By: Seix Investment Advisors LLC, as Collateral  
Manager

By: /s/ George Goudelias

Name: George Goudelias

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Mountain View CLO 2017-1 Ltd.  
as a Lender

By: Seix Investment Advisors LLC, as Collateral  
Manager

By: /s/ George Goudelias

Name: George Goudelias

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Mountain View CLO IX Ltd.

as a Lender

By: Seix Investment Advisors LLC, as Collateral  
Manager

By: /s/ George Goudelias

Name: George Goudelias

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Mountain View CLO X Ltd.

as a Lender

By: Seix Investment Advisors LLC, as Collateral  
Manager

By: /s/ George Goudelias

Name: George Goudelias

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Mountain View CLO III, Ltd.

as a Lender

By: MP CLO Management LLC, its Manager

By: /s/ Thomas Shandell

Name: Thomas Shandell

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Mountain View CLO IV, Ltd.

as a Lender

By: MP CLO Management LLC, its Manager

By: /s/ Thomas Shandell

Name: Thomas Shandell

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

MP CLO IX, Ltd.

as a Lender

By: MP CLO Management LLC, its Collateral  
Manager

By: /s/ Thomas Shandell

Name: Thomas Shandell

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

MP CLO V, Ltd.  
as a Lender  
By: MP CLO Management LLC, its  
Manager

By: /s/ Thomas Shandell  
Name: Thomas Shandell  
Title: CEO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

MP CLO VI, Ltd.

as a Lender

By: MP CLO Management LLC, its Manager

By: /s/ Thomas Shandell

Name: Thomas Shandell

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

MP CLO VII, Ltd.

as a Lender

By: MP CLO Management LLC, its Collateral  
Manager

By: /s/ Thomas Shandell

Name: Thomas Shandell

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

MP CLO VIII, Ltd.

as a Lender

By: MP CLO Management LLC, its Collateral  
Manager

By: /s/ Thomas Shandell

Name: Thomas Shandell

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

MPLF Funding Limited  
as a Lender

By: /s/ Thomas Shandell

\_\_\_\_\_  
Name: Thomas Shandell  
Title: CEO

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Mt. Whitney Securities, L.L.C.  
as a Lender  
BY: Deutsche Investment Management Americas  
Inc.  
As Manager

By: /s/ Azeem Haider  
Name: Azeem Haider  
Title: Vice President

If a second signature is necessary:

By: /s/ Mark Rigazio  
Name: Mark Rigazio  
Title: Portfolio Manager

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**Name of Institution:**

MultiMix Wholesale Diversified Fixed Interest Trust  
as a Lender

BY: Western Asset Management Company as  
Investment Manager and Agent

By: /s/ Jed R. Villareal

Name: Jed R. Villareal

Title: Bank Loan Team

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Municipal Employees' Annuity and Benefit Fund of  
Chicago  
as a Lender  
BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Muzinich and Co (Ireland) Limited for the account of  
Muzinich Loan Fund  
as a Lender

By: /s/ Patricia Charles \_\_\_\_\_

Name: Patricia Charles

Title: Associate

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Muzinich and Co (Ireland) Limited for the account of  
Muzinich Short Duration high Yield Fund (SDHY)  
as a Lender

By: /s/ Patricia Charles

Name: Patricia Charles

Title: Associate

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

National Electrical Benefit Fund

as a Lender

By: Lord Abbett & Co LLC, As Investment Manager

By: /s/ Jeffrey Lapin

Name: Jeffrey Lapin

Title: Portfolio Manager, Taxable Fixed Income

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

National Electrical Benefit Fund

as a Lender

By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon

Name: Brian McKeon

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

National Union Fire Insurance Company of  
Pittsburgh, Pa.

as a Lender

By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NB Global Floating Rate Income Fund Limited  
as a Lender

By: /s/ Colin Donlan \_\_\_\_\_

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

NC GARNET FUND, L.P.

as a Lender

By: NC Garnet Fund (GenPar), LLC,  
its general partner

By: BlackRock Financial Management, Inc.  
its manager

By: /s/ Rob Jacobi

\_\_\_\_\_  
Name: Rob Jacobi

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NCM Holdings (U.S.), LLC  
as a Lender

By: /s/ Ji-mei Ma

Name: Ji-mei Ma

Title: Loan Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Lockwood Grove CLO, Ltd.  
By: Tall Tree Investment Management, LLC  
as Collateral Manager

by: /s/ Michael J. Starshak Jr. \_\_\_\_\_  
Name: Michael J. Starshak Jr.  
Title: Officer

If a second signature is necessary:

by: \_\_\_\_\_ NA \_\_\_\_\_  
Name:  
Title:

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**Name of Institution:**

Nelder Grove CLO, Ltd.  
By: Tall Tree Investment Management, LLC  
as Collateral Manager

by: /s/ Michael J. Starshak Jr.  
Name: Michael J. Starshak Jr.  
Title: Officer

If a second signature is necessary:

by: NA  
Name:  
Title:

**Name of Institution:**

Tuolumne Grove CLO, Ltd.  
By: Tall Tree Investment Management, LLC  
as Collateral Manager

by: /s/ Michael J. Starshak Jr. \_\_\_\_\_  
Name: Michael J. Starshak Jr.  
Title: Officer

If a second signature is necessary:

by: \_\_\_\_\_ NA  
Name:  
Title:

**Name of Institution:**

Neuberger Berman - Floating Rate Income Fund  
as a Lender

By: /s/ Colin Donlan \_\_\_\_\_

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

Neuberger Berman CLO XIV, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
collateral manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

Neuberger Berman CLO XIX, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
Manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

Neuberger Berman CLO XVI, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
collateral manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

Neuberger Berman CLO XVII, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
collateral manager

By: /s/ Colin Donlan

\_\_\_\_\_  
Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

Neuberger Berman CLO XVIII, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
collateral manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Neuberger Berman CLO XX, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
Collateral Manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

Neuberger Berman CLO XXI, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
Collateral Manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Neuberger Berman CLO XXII, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
Collateral Manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT

**Name of Institution:**

Neuberger Berman CLO XXIII, Ltd.  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
Collateral Manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Neuberger Berman High Quality Global Senior  
Floating Rate Income Fund  
as a Lender  
By Neuberger Berman Investment Advisers LLC as  
Manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Neuberger Berman Investment Funds II Plc  
as a Lender

By: /s/ Colin Donlan \_\_\_\_\_

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Neuberger Berman Investment Funds II Plc -  
Neuberger Berman US/European Senior Floating  
Rate Income Fund  
as a Lender

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

Neuberger Berman Loan Advisers CLO 24, Ltd.  
as a Lender

By: Neuberger Berman Loan Advisers LLC, as  
Collateral Manager

By: Neuberger Berman Investment Advisers LLC, as  
Sub-Advisor

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Neuberger Berman Senior Floating Rate Income  
Fund LLC  
as a Lender

By: /s/ Colin Donlan

\_\_\_\_\_  
Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Neuberger Berman Strategic Income Fund  
as a Lender

By: /s/ Colin Donlan \_\_\_\_\_

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Name of Institution:**

NEUBERGER BERMAN US STRATEGIC  
INCOME FUND  
as a Lender

By: /s/ Colin Donlan \_\_\_\_\_

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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**Name of Institution:**

NEW MEXICO STATE INVESTMENT COUNCIL

as a Lender

BY: Loomis, Sayles & Company, L.P., Its Investment

Adviser,

Loomis, Sayles & Company, Incorporated, Its

General Partner

By: /s/ Mary McCarthy

Name: Mary McCarthy

Title: Vice President, Legal and Compliance Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Newfleet CLO 2016-1, Ltd.  
as a Lender

By: /s/ Kyle Jennings

Name: Kyle Jennings

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Newfleet Multi-Sector Income ETF  
as a Lender

By: /s/ Kyle Jennings

Name: Kyle Jennings

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NewMark Capital Funding 2013-1 CLO Ltd.

as a Lender

By: NewMark Capital LLC, its Collateral Manager

By: /s/ Mark Gold \_\_\_\_\_

Name: Mark Gold

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NewMark Capital Funding 2014-2 CLO Ltd.

as a Lender

By: NewMark Capital LLC, its Collateral Manager

By: /s/ Mark Gold \_\_\_\_\_

Name: Mark Gold

Title: CEO

If a second signature is necessary:

By:

Name:

Title:

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**Name of Institution:**

NHIT: Credit Asset Trust  
as a Lender

By: Loomis, Sayles Trust Company, LLC. its Trustee

By: /s/ Mary McCarthy \_\_\_\_\_

Name: Mary McCarthy

Title: Vice President, Legal and Compliance  
Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NHIT: Strategic Alpha Credit Asset Trust  
as a Lender

By: Loomis, Sayles Trust Company, LLC. its Trustee

By: /s/ Mary McCarthy \_\_\_\_\_

Name: Mary McCarthy

Title: Vice President, Legal and Compliance  
Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NJP Bank Loan Fund 2015 A Series Trust of Multi  
Manager Global Investment Trust  
as a Lender

By: /s/ Colin Donlan \_\_\_\_\_

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NJP Loan Fund 2016 A Series Trust of Multi  
Manager Global Investment Trust  
as a Lender

By: NEUBERGER BERMAN INVESTMENT  
ADVISERS LLC, as Investment Manager

By: /s/ Colin Donlan

Name: Colin Donlan

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NN (L) Flex - Senior Loans  
as a Lender

BY: Voya Investment Management Co. LLC, as its  
investment manager

By: /s/ Jim Essert

\_\_\_\_\_  
Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

NN (L) Flex - Senior Loans  
as a Lender  
Voya Investment Management Co. LLC, as its  
investment manager

By: /s/ Jim Essert

Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

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AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

Nomad CLO, Ltd.

as a Lender

BY: Invesco Senior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution: Nomura Bond & Loan Fund**  
**Term Loan D Position**

by: /s/ Steven Rosenthal  
Name: Steven Rosenthal  
Title: Portfolio Manager

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution: Nomura Bond & Loan Fund**  
**Term Loan E Position**

by: /s/ Steven Rosenthal  
Name: Steven Rosenthal  
Title: Portfolio Manager

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

**Name of Institution: Nomura Bond & Loan Fund**  
**Term Loan F Position**

by: /s/ Steven Rosenthal \_\_\_\_\_  
Name: Steven Rosenthal  
Title: Portfolio Manager

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution: NCRAM Loan Trust**  
**Term Loan D. Position**

by: /s/ Steven Rosenthal  
Name: Steven Rosenthal  
Title: Portfolio Manager

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution: NCRAM Loan Trust**  
**Term Loan E Position**

by: /s/ Steven Rosenthal  
Name: Steven Rosenthal  
Title: Portfolio Manager

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

**Name of Institution: NCRAM Loan Trust**  
**Term Loan F Position**

by: /s/ Steven Rosenthal \_\_\_\_\_  
Name: Steven Rosenthal  
Title: Portfolio Manager

If a second signature is necessary:

by: \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Nomura Global Manager Select - Bank Loan Fund  
as a Lender

BY: Deutsche Investment Management Americas  
Inc.,  
its Investment Sub-Advisor

By: /s/ Azeem Haider

Name: Azeem Haider

Title: Vice President

If a second signature is necessary:

By: /s/ Mark Rigazio

Name: Mark Rigazio

Title: Portfolio Manager

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT DATED AS OF THE DATE FIRST  
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AGREEMENT

**Name of Institution:**

Nomura Multi Managers Fund - Global Bond GBD  
SYM Account  
as a Lender  
BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

North End CLO, Ltd  
as a Lender

BY: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT DATED AS OF THE DATE FIRST  
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SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

North Shore University Hospital as sponsor of  
Northwell Health Cash Balance Plan  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky

Name: Justin Slatky

Title: CO-CIO

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Name of Institution:**

Northwell Health, Inc.  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky

Name: Justin Slatky

Title: CO-CIO

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

NORTHWOODS CAPITAL XI, LIMITED  
as a Lender  
BY: Angelo, Gordon & Co., LP As Collateral  
Manager

By: /s/ Maureen D' Alleva  
Name: Maureen D' Alleva  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT DATED AS OF THE DATE FIRST  
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SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

NORTHWOODS CAPITAL XII, LIMITED

as a Lender

BY: Angelo, Gordon & Co., LP As Collateral  
Manager

By: /s/ Maureen D' Alleva

Name: Maureen D' Alleva

Title: Authorized Signatory

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

NORTHWOODS CAPITAL XIV, LIMITED  
as a Lender  
BY: Angelo, Gordon & Co., LP As Collateral  
Manager

By: /s/ Maureen D' Alleva

Name: Maureen D' Alleva

Title: Authorized Signatory

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Name of Institution:**

NORTHWOODS Capital XV, Limited  
as a Lender  
BY: Angelo, Gordon & Co., LP  
As Collateral Manager

By: /s/ Maureen D' Alleva  
Name: Maureen D' Alleva  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

Nuveen Credit Opportunities 2022 Target Term Fund  
as a Lender

By: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Name of Institution:**

Nuveen Diversified Dividend & Income Fund  
as a Lender

BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Name of Institution:**

Nuveen Floating Rate Income Fund  
as a Lender  
BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Nuveen Floating Rate Income Opportunity Fund  
as a Lender

BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Nuveen Senior Income Fund  
as a Lender  
BY: Symphony Asset Management LLC

By: /s/ Gunther Stein \_\_\_\_\_

Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Name of Institution:**

Nuveen Short Duration Credit Opportunities Fund  
as a Lender

BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Nuveen Symphony Floating Rate Income Fund  
as a Lender

BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**Name of Institution:**

Nuveen Tax Advantaged Total Return Strategy Fund  
as a Lender

BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

NVIT Multi-Sector Bond Fund  
as a Lender  
BY: Logan Circle Partners, LP as Investment  
Manager

By: /s/ Hume Najdawi  
Name: Hume Najdawi  
Title: Associate

If a second signature is necessary:

By:  
Name  
Title

**Name of Institution:**

NZCG Funding 2 Limited  
as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Collateral Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

NZCG Funding Ltd

as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Collateral Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name

Title

**Name of Institution:**

Oakland Unified School District Supplemental  
Annuity Plan for Classified Employees  
BY: Bradford & Marzec, LLC as Investment Advisor  
on behalf of the Oakland Unified School District  
Supplemental Annuity Plan for Classified  
Employees, account number 6746025203

By: /s/ John Heitkemper

Name: John Heitkemper

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Oaktree CLO 2014-1 Ltd.  
as a Lender  
BY: Oaktree Capital Management, L.P.  
Its: Collateral Manager

By: /s/ Tim Fairty  
Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian  
Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree CLO 2014-2 Ltd.  
as a Lender

BY: Oaktree Capital Management, L.P.  
Its: Collateral Manager

By: /s/ Tim Fairty

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree CLO 2015-1 Ltd.  
as a Lender

By: Oaktree Capital Management, L.P.  
Its: Collateral Manager

By: /s/ Tim Fairty

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree EIF I Series A, LTD  
as a Lender

By: Oaktree Capital Management, L.P.  
its: Collateral Manager

By: /s/ Tim Fairty \_\_\_\_\_

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian \_\_\_\_\_

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree EIF I Series A1, LTD  
as a Lender

By: Oaktree Capital Management, L.P.  
its: Collateral Manager

By: /s/ Tim Fairty \_\_\_\_\_

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian \_\_\_\_\_

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree EIF II Series A1, LTD  
as a Lender

By: Oaktree Capital Management, L.P.  
its: Collateral Manager

By: /s/ Tim Fairty \_\_\_\_\_

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian \_\_\_\_\_

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree EIF II Series B1, LTD  
as a Lender

By: Oaktree Capital Management, L.P.  
its: Collateral Manager

By: /s/ Tim Fairty

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree EIF II Series B2, LTD  
as a Lender

By: Oaktree Capital Management, L.P.  
its: Collateral Manager

By: /s/ Tim Fairty

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree EIF III Series 1, Ltd  
as a Lender

By: Oaktree Capital Management, L.P.  
its: Collateral Manager

By: /s/ Tim Fairty

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Oaktree Enhanced Income Funding Series IV, Ltd.  
as a Lender

BY: Oaktree Capital Management, L.P.

Its: Collateral Manager

By: /s/ Tim Fairty

Name: Tim Fairty

Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian

Title: Managing Director

**Name of Institution:**

Oaktree Senior Loan Fund, L.P.  
as a Lender

By: Oaktree Senior Loan GP, L.P.  
Its: General Partner

By: Oaktree Fund GP IIA, LLC  
Its: General Partner

By: Oaktree Fund GP II, L.P.  
Its: Managing Member

By: /s/ Tim Fairty

Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian

Name: Armen Panossian  
Title: Managing Director

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
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SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

Ocean Trails CLO IV  
as a Lender

By: Five Arrows Managers North America LLC  
as Asset Manager

By: /s/ Todd Solomon

Name: Todd Solomon

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
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AGREEMENT

**Name of Institution:**

Ocean Trails CLO V  
as a Lender

By: Five Arrows Managers North America LLC  
as Asset Manager

By: /s/ Todd Solomon

Name: Todd Solomon

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution:**

Ocean Trails CLO VI  
as a Lender

By: Five Arrows Managers North America LLC  
as Asset Manager

By: /s/ Todd Solomon

Name: Todd Solomon

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2012-2, Ltd.  
as a Lender  
By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers  
Name: Paul Travers  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

OCP CLO 2013-4, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2014-5, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2014-6, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2014-7, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2015-10, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2015-8, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2015-9, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2016-11, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OCP CLO 2016-2, Ltd.  
as a Lender  
By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers  
Name: Paul Travers  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

OCP CLO 2017-13, Ltd.

as a Lender

By: Onex Credit Partners, LLC,  
as Collateral Manager

By: /s/ Paul Travers

Name: Paul Travers

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Octagon Investment Partners 28, Ltd.  
as a Lender

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners 24, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners 25, Ltd.  
as a Lender

By: Octagon Credit Investors, LLC as Collateral Manager

By: /s/ Margaret B. Harvey

Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Octagon Investment Partners 26, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC as Portfolio Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners 27, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC as Collateral  
Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners 29, Ltd.

as a Lender

By: Octagon Credit Investors, LLC as Investment Manager

By: /s/ Margaret B. Harvey

Name: Margaret B. Harvey

Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Octagon Investment Partners 30, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners 31, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XIX, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as collateral manager

By: /s/ Margaret B. Harvey

Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XV, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XVI, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey

Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XVII, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey

Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XVIII, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey

Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XX, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Portfolio Manager

By: /s/ Margaret B. Harvey

Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XXI, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XXII, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio  
Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Investment Partners XXIII, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Octagon Loan Funding, Ltd.  
as a Lender  
By: Octagon Credit Investors, LLC  
as Collateral Manager

By: /s/ Margaret B. Harvey  
Name: Margaret B. Harvey  
Title: Managing Director of Portfolio Administration

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

OFSI Fund VII, Ltd.  
as a Lender  
By: OFSCapital Management, LLC  
as Collateral Manager

By: /s/ Sean C. Kelley  
Name: Sean C. Kelley  
Title: Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

OHA CREDIT PARTNERS IX, LTD.

as a Lender

By: Oak Hill Advisors, L.P.

as Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA CREDIT PARTNERS VII, LTD.

as a Lender

By: Oak Hill Advisors, L.P., as Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA CREDIT PARTNERS VIII, LTD.

as a Lender

By: Oak Hill Advisors, L.P., as Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA CREDIT PARTNERS X, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P.  
as Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA CREDIT PARTNERS XI, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P.  
as Warehouse Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA CREDIT PARTNERS XII, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P.  
as Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA CREDIT PARTNERS XIII, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P.  
as Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA LOAN FUNDING 2012-1, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P.  
As Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA LOAN FUNDING 2013-1, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P.  
As Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA LOAN FUNDING 2013-2, LTD.

as a Lender

By: Oak Hill Advisors, L.P.

As Portfolio Manager

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

OHA LOAN FUNDING 2014-1, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P. as Portfolio Manager

By: /s/ Glenn August  
Name: Glenn August  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

OHA LOAN FUNDING 2015-1, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P. as Portfolio Manager

By: /s/ Glenn August

Name: Glenn August  
Title: Authorized Signatory

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

OHA LOAN FUNDING 2016-1, LTD.  
as a Lender  
By: Oak Hill Advisors, L.P.  
As Portfolio Manager

By: /s/ Glenn August  
Name: Glenn August  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

OHA S.C.A., SICAV-SIF  
as a Lender  
represented by OHA Management (Luxembourg)  
S.À r.l.,  
in its capacity of General Partner

By: /s/ Glenn August

Name: Glenn August

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Ohio Police and Fire Pension Fund  
as a Lender  
BY: PENN Capital Management Company, Inc., as  
its Investment Advisor

By: /s/ Christopher Skorton  
Name: Glenn August  
Title: Business Operations Associate

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Onex Senior Floating Income Fund, L.P.  
as a Lender  
By: Onex Credit Partners, LLC, its investment  
manager

By: /s/ Paul Travers  
Name: Paul Travers  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ONTARIO PUBLIC SERVICE EMPLOYEES  
UNION PENSION PLAN TRUST FUND

as a Lender

By : AELIS X Management, L.P., its investment  
counsel

By : AELIS X Management GP, LLC, its general  
partner

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:** Oppenheimer Global Multi-Alternatives Fund/VA

by: /s/ Thomas Glenn  
Name: Thomas Glenn  
Title: AVP

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Oppenheimer Capital Income Fund

by: /s/ Thomas Glenn  
Name: Thomas Glenn  
Title: AVP

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Oppenheimer Fundamental Alternatives Fund

by: /s/ Thomas Glenn  
Name: Thomas Glenn  
Title: AVP

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Oppenheimer Master Loan Fund, LLC

by: /s/ Janet Harrison  
Name: Janet Harrison  
Title: Associate

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** HarbourView CLO VII, Ltd.

by: /s/ Janet Harrison  
Name: Janet Harrison  
Title: Associate

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Oppenheimer Fundamental Alternatives Fund

by: /s/ Janet Harrison  
Name: Janet Harrison  
Title: Associate

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Oppenheimer Senior Floating Rate Plus Fund

by: /s/ Janet Harrison  
Name: Janet Harrison  
Title: Associate

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:** Oppenheimer Senior Floating Rate Fund

by: /s/ Janet Harrison  
Name: Janet Harrison  
Title: Associate

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Optimum Trust - Optimum Fixed Income Fund  
as a Lender

By: /s/ Adam Brown  
Name: Adam Brown  
Title: Portfolio Manager

For any institution requiring a second signature line:

By  
Name:  
Title:

**Name of Institution:** ORIX Corporate Capital Inc.

by: /s/ David Martin  
Name: David Martin  
Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

OZLM FUNDING II, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its portfolio manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM FUNDING III, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its portfolio  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

\_\_\_\_\_  
Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM FUNDING IV, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its portfolio  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM FUNDING V, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its portfolio  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

\_\_\_\_\_  
Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM FUNDING, LTD.

as a Lender

By: OZ CLO Management LLC, its portfolio  
manager

By: /s/ Alesia J. Haas

\_\_\_\_\_  
Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM IX, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its collateral  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM VI, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its asset  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM VII, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its collateral  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM VIII, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its collateral  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM XI, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its collateral manager

By: Och-Ziff Loan Management LLC, its general partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM XII, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its collateral manager

By: Och-Ziff Loan Management LLC, its general partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM XIII, Ltd.

as a Lender

By: Och-Ziff Loan Management LP, its collateral manager

By: Och-Ziff Loan Management LLC, its general partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM XIV, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its collateral manager

By: Och-Ziff Loan Management LLC, its general partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM XV, LTD.

as a Lender

By: Och-Ziff Loan Management LP, its collateral  
manager

By: Och-Ziff Loan Management LLC, its general  
partner

By: /s/ Alesia J. Haas

Name: Alesia J. Haas

Title: CFO

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

OZLM XVI, Ltd.  
as a Lender  
By: OZ CLO Management LLC, its successor  
portfolio manager

By: /s/ Alesia J. Haas  
Name: Alesia J. Haas  
Title: CFO

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

Pacific Asset Management Bank Loan Fund L.P.  
as a Lender  
By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management),  
in its capacity as Investment Advisor

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

Pacific Asset Management Senior Loan Fund  
as a Lender

By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management), in its capacity as Investment  
Manager.

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

Pacific Funds Core Income  
as a Lender

By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management),  
in its capacity as Investment Advisor

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

PACIFIC FUNDS FLOATING RATE INCOME

as a Lender

By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management),  
in its capacity as Investment Advisor

By: /s/ Norman Yang

Name: Norman Yang

Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar

Name: Anar Majmudar

Title: Authorized Signatory

**Name of Institution:**

PACIFIC FUNDS STRATEGIC INCOME

as a Lender

By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management),  
in its capacity as Investment Advisor

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

PACIFIC LIFE INSURANCE COMPANY (For IMDBKLN  
Account)  
as a Lender

By: /s/ Michael Marzouk  
Name: Michael Marzouk  
Title: Assistant Vice President

If a second signature is necessary:

By /s/ Joseph Lallande  
Name: Joseph Lallande  
Title: AVP & Counsel

**Name of Institution:**

Pacific Select Fund - Core Income Portfolio  
as a Lender

By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management),  
in its capacity as Investment Advisor

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

PACIFIC SELECT FUND-FLOATING RATE  
INCOME PORTFOLIO

as a Lender

By: Pacific Life Fund Advisors LLC  
(doing business as Pacific Asset Management),  
in its capacity as Investment Adviser

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

Pacific Select Fund Floating Rate Loan Portfolio  
as a Lender  
BY: Eaton Vance Management as Investment Sub-  
Advisor

By: /s/ Michael Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

Palmer Square CLO 2013-1, Ltd  
as a Lender

By: Palmer Square Capital Management LLC, as  
Portfolio Manager

By: /s/ Matt Bloomfield

Name: Matt Bloomfield

Title: Managing Director/Portfolio Manager

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

Palmer Square CLO 2013-2, Ltd  
as a Lender  
By: Palmer Square Capital Management LLC, as  
Portfolio Manager

By: /s/ Matt Bloomfield  
Name: Matt Bloomfield  
Title: Managing Director/Portfolio Manager

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

Palmer Square CLO 2015-1, Ltd  
as a Lender  
BY: Palmer Square Capital Management LLC, as  
Portfolio Manager

By: /s/ Matt Bloomfield  
Name: Matt Bloomfield  
Title: Managing Director/Portfolio Manager

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

Palmer Square CLO 2015-2, Ltd  
as a Lender  
BY: Palmer Square Capital Management LLC, as  
Portfolio Manager

By: /s/ Matt Bloomfield  
Name: Matt Bloomfield  
Title: Managing Director/Portfolio Manager

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

Palmer Square Loan Funding 2016-3, Ltd  
as a Lender

By: Palmer Square Capital Management LLC, as  
Servicer

By: /s/ Matt Bloomfield

Name: Matt Bloomfield

Title: Managing Director/Portfolio Manager

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

Palmer Square Loan Funding 2017-1, Ltd  
as a Lender

By: Palmer Square Capital Management LLC, as  
Servicer

By: /s/ Matt Bloomfield

Name: Matt Bloomfield

Title: Managing Director/Portfolio Manager

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

DoubleLine Capital LP as Collateral Manager to:  
Parallel 2015-1, Ltd.  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Collateral Manager to:  
Parallel 2017-1, Ltd.  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution: PARK AVENUE INSTITUTIONAL ADVISERS CLO LTD. 2016-1**

by /s/ J. Paul  
Name: J. Paul  
Title: Managing Director

For any institution requiring a second signature line:

by:  
Name:  
Title

**Name of Institution:**

PBI Stable Loan Fund a series trust of MYL  
Investment Trust  
as a Lender  
BY: PineBridge Investments LLC  
As Investment Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

Penn Institutional Loan Common Master Fund, LP  
as a Lender

BY: PENN Capital as its Investment Advisor

By: /s/ Christopher Skorton

Name: Christopher Skorton

Title: Business Operations Associate

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

Pension Fund of Local No. One, IATSE  
as a Lender

By: Bradford & Marzec, LLC as Investment Advisor  
on behalf of the Pension Fund of Local No. One,  
IATSE, account number G12F7861282

By: /s/ John Heitkemper  
Name: John Heitkemper  
Title: Portfolio Manager

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

PENSIONDANMARK  
PENSIONSFORSIKRINGSAKTIESELSKAB  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: CEO/CIO  
Title: Managing Director

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

PENSIONDANMARK  
PENSIONSFORSIKRINGSAKTIESELSKAB  
as a Lender  
By: Highland Capital Management, L.P.,  
As Investment Manger

By: /s/ Carter Chism  
Name: Carter Chism  
Title: Authorized Signatory

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

Permanens Capital Floating Rate Fund LP  
as a Lender  
BY: BlackRock Financial Management Inc., Its Sub- Advisor

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

PIMCO Bermuda Trust II: PIMCO Bermuda Income  
Fund (M)  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By  
Name:  
Title:

**Name of Institution:**

PIMCO Bermuda Trust II: PIMCO Bermuda Bank Loan Fund  
(M)

as a Lender

By: Pacific Investment Management Company LLC,  
as its Investment

By: /s/ Arthur Y.D. Ong

Name: Arthur Y.D. Ong

Title: Executive Vice President

If a second signature is necessary:

By

Name:

Title:

**Name of Institution:**

PIMCO Cayman Bank Loan Libor Plus Fund JPY  
Hedge A Series Trust of Multi Manager Global  
Investment Trust  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PIMCO Cayman Trust: PIMCO Cayman Bank Loan  
Fund  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PIMCO Cayman Trust: PIMCO Cayman Bank Loan  
Fund II

as a Lender

By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong

Name: Arthur Y.D. Ong

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

PIMCO Cayman Trust: PIMCO Cayman U.S.  
Blended Credit Fund 2016  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PIMCO Funds Global Investors Series plc: Income  
Fund  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PIMCO Funds Ireland plc: PIMCO Senior Loan Fund  
as a Lender

By: Pacific Investment Management Company LLC, as its  
Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PIMCO Funds: PIMCO Senior Floating Rate Fund  
as a Lender

By: Pacific Investment Management Company LLC, as its  
Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PIMCO Loan Interests and Credit Master Fund Ltd  
as a Lender

By: Pacific Investment Management Company LLC, as its  
Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Pinebridge Global Dynamic Asset Allocation Fund  
as a Lender  
By: Pinebridge Investments LLC  
As Investment Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Pinebridge SARL  
as a Lender  
By: PineBridge Investments LLC  
As Investment Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PineBridge Senior Secured Loan Fund Ltd.  
as a Lender  
By: PineBridge Investments LLC Its Investment  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Pinnacle Park CLO, Ltd  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Pinnacol Assurance  
as a Lender  
BY: PineBridge Investments LLC  
Its Investment Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Pioneer Floating Rate Fund  
as a Lender

By: Amundi Pioneer Asset Management, Inc.

By: /s/ Margaret C. Begley

Name: Margaret C. Begley

Title: Vice President and Associate General Counsel

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Pioneer Floating Rate Trust  
as a Lender

By: Amundi Pioneer Asset Management, Inc.

By: /s/ Margaret C. Begley

Name: Margaret C. Begley

Title: Vice President and Associate General Counsel

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

PK-SSL Investment Fund Limited Partnership  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as its Investment  
Manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Plainview Funds plc - MacKay Shields Floating  
Rate  
High Yield Portfolio  
as a Lender  
Plainview Funds Plc, an investment company organized as an  
umbrella fund with segregated liability between sub-funds,  
acting solely in respect of the MacKay Shields Floating Rate High  
Yield Portfolio

By: MacKay Shields LLC, its investment manager

By: /s/ Andrew Susser

Name: Andrew Susser

Title: Senior Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

PNC Bank, NA

by /s/ Keven Larkin

Name: Keven Larkin

Title: Vice President

For any institution requiring a second signature line:

by

Name:

Title:

**Name of Institution:**

Post Senior Loan Master Fund, L.P.  
as a Lender

BY: Post Advisory Group, LLC not in its individual capacity but  
solely as authorized agent for and on behalf of:

By: /s/ Schuyler Hewes  
Name: Schuyler Hewes  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

PowerShares Senior Loan Portfolio  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

JNL/PPM America Floating Rate Income Fund, a series of the  
JNL Series Trust  
By: PPM America, Inc., as sub-adviser

By: /s/ Chris Kappas  
Name: Chris Kappas  
Title: Managing Director

Eastspring Investments US Bank Loan Special Asset Mother  
Investment Trust [Loan Claim]  
By: PPM America, Inc., as Delegated Manager

By: /s/ Chris Kappas  
Name: Chris Kappas  
Title: Managing Director

PPM GRAYHAWK CLO LTD  
By PPM America, Inc. as Collateral Manager

By: /s/ Chris Kappas  
Name: Chris Kappas  
Title: Managing Director

Jackson Nation Life Insurance Company  
By PPM America, Inc., as Attorney in fact on behalf of Jackson  
National Life Insurance Company

By: /s/ Chris Kappas  
Name: Chris Kappas  
Title: Managing Director

**Name of Institution:**

Principal Funds Inc, - Diversified Real Asset Fund as a Lender

BY: Symphony Asset Management LLC

By: /s/ Gunther Stein

Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Principal Funds, Inc - Global Multi Strategy Fund  
as a Lender

By: Loomis, Sayles & Company, L.P., Its Sub-  
Advisor

By: Loomis, Sayles & Company, Incorporated, Its  
General Partner

By: /s/ Mary McCarthy

Name: Mary McCarthy

Title: Vice President, Legal and Compliance Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

R3 Capital Partners Master, L.P. as a Lender  
BY: BlackRock Investment Management, LLC, its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Race Point IX CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Race Point VIII CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Race Point X CLO, Limited  
as a Lender  
By: Bain Capital Credit, LP, as Portfolio Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
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AGREEMENT

**Name of Institution: RAYMOND JAMES BANK, N.A.**

By: /s/ Daniel Gendron

Name: Daniel Gendron

Title: Vice President

**Name of Institution:**

RAYTHEON MASTER PENSION TRUST

as a Lender

By: Credit Suisse Asset Management, LLC, as investment  
manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

RBS Pension Trustee Limited as Trustee to The  
Royal Bank of Scotland Group Pension Fund  
as a Lender  
By: Bain Capital Credit, LP, as Investment Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Recette CLO, Ltd.

as a Lender

By: Invesco Senior Secured Management, Inc. as Collateral  
Manager

By: /s/ Egan, Kevin

Name: Egan, Kevin

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:** RED FOX FUNDING LLC

by /s/ Jennifer Koszta  
Name: Jennifer Koszta  
Title: AVP

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

Regatta II Funding LP  
as a Lender  
By: Napier Park Global Capital (US) LP  
Attorney-in-fact

By: /s/ Melanie Hanlon  
Name: Melanie Hanlon  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Regatta III Funding Ltd  
as a Lender  
By: Napier Park Global Capital (US) LP  
Attorney-in-fact

By: /s/ Melanie Hanlon  
Name: Melanie Hanlon  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Regatta IV Funding Ltd  
as a Lender  
By: Napier Park Global Capital (US) LP  
Attorney-in-fact

By: /s/ Melanie Hanlon  
Name: Melanie Hanlon  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Regatta V Funding Ltd  
as a Lender  
By: Napier Park Global Capital (US) LP  
Attorney-in-fact

By: /s/ Melanie Hanlon  
Name: Melanie Hanlon  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Regatta VI Funding Ltd  
as a Lender  
By: Regatta Loan Management LLC its Collateral  
Manager

By: /s/ Hanlon, Melanie  
Name: Hanlon, Melanie  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Regence Bluecross Blueshield of Oregon  
as a Lender  
By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Regence Bluecross Blueshield of Utah  
as a Lender

By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong  
Name: Arthur Y.D. Ong  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Regence Blueshield

as a Lender

By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong

Name: Arthur Y.D. Ong

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Regence Blueshield of Idaho  
as a Lender

By: Pacific Investment Management Company LLC,  
as its Investment Advisor

By: /s/ Arthur Y.D. Ong

Name: Arthur Y.D. Ong

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Renaissance Floating Rate Income Fund  
as a Lender  
BY: Ares Capital Management II LLC, as Portfolio  
Sub-Advisor

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Renaissance Investment Holdings Ltd  
as a Lender  
By: Eaton Vance Management as Investment  
Advisor

By: /s/ Michael Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Renaissance Investment Holdings Ltd.  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Riserva CLO, Ltd

as a Lender

By: Invesco RR Fund L.P. as Collateral Manager

By: Invesco RR Associates LLC, as general partner

By: Invesco Senior Secured Management, Inc. as  
sole member

By: /s/ Egan, Kevin

Name: Egan, Kevin

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Rivernorth/Oaktree High Income Fund  
as a Lender  
By: Oaktree Capital Management, L.P.  
Its: Investment Manager

By: /s/ Tim Fairty  
Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian  
Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

RiverSource Life Insurance Company  
as a Lender

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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**ROCKFORD TOWER CLO 2017-1, LTD.**

By: Rockford Tower Capital Management, L.L.C.  
Its Collateral Manager

by /s/ Jay Ryan

\_\_\_\_\_  
Name: Jay Ryan

Title: Authorized Signatory

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

**ROCKFORD TOWER CLO 2017-2, LTD.**

By: Rockford Tower Capital Management, L.L.C.  
Its Collateral Manager

by /s/ Jay Ryan

\_\_\_\_\_  
Name: Jay Ryan

Title: Authorized Signatory

**Name of Institution:**

Rockwall CDO II Ltd.  
as a Lender  
By Highland Capital Management, L.P., As Servicer

By: /s/ Carter Chism  
Name: Carter Chism  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Romark CLO-1 Ltd  
as a Lender  
By: Shenkman Capital Management, Inc, as Servicer

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution: Royal Bank of Canada**

by /s/ Suzanne Kaicher

\_\_\_\_\_  
Name: Suzanne Kaicher

Title: Attorney-in-Fact

Royal Bank of Canada

**Name of Institution:**

Russell Investment Company Multi-Asset Growth  
Strategy Fund  
as a Lender  
By THL Credit Advisors LLC, as  
Investment Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Russell Investment Company Russell Global  
Opportunistic Credit Fund  
as a Lender  
By THL Credit Advisors LLC, as Investment  
Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Russell Investment Company Russell Multi-Strategy  
Income Fund  
as a Lender  
THL Credit Advisors LLC, as Investment Manager

By: /s/ James R. Fellows

\_\_\_\_\_  
Name: James R. Fellows

Title: Managing Director/Co-Head

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Russell Investment Company Russell Short Duration  
Bond Fund  
as a Lender  
BY: THL Credit Advisors LLC, as Investment  
Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Russell Investment Company Unconstrained Total  
Return Fund  
as a Lender  
by THL Credit Advisors LLC, as Investment  
Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Russell Investments Institutional Funds, LLC Multi-  
Asset Core Plus Fund  
as a Lender  
BY: THL Credit Advisors LLC, as Investment  
Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Russell Investments Ireland Limited on behalf of the  
Russell Floating Rate Fund, a subfund of Russell  
Qualifying Investor Alternative Investment Funds  
plc  
as a Lender  
BY: THL Credit Advisors LLC, as Investment  
Manager

By: /s/ James R. Fellows

Name: James R. Fellows

Title: Managing Director/Co-Head

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

SAEV Masterfonds Wellington Global High Yield  
as a Lender

By: Wellington Management Company LLP as its  
Investment Advisor

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Safety Insurance Company  
as a Lender

By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Salem Fields CLO, Ltd.

as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Collateral Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

San Francisco City and County Employees'  
Retirement System  
as a Lender  
By: Bain Capital Credit, LP, as Investment Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Saranac CLO I Limited  
as a Lender  
By: Canaras Capital Management, LLC  
As Sub-Investment Adviser

By: /s/ Marc McAfee  
Name: Marc McAfee  
Title: Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Saranac CLO II Limited  
as a Lender  
By: Canaras Capital Management, LLC  
As Sub-Investment Adviser

By: /s/ Marc McAfee  
Name: Marc McAfee  
Title: Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Saranac CLO III Limited  
as a Lender  
By: Canaras Capital Management, LLC  
As Sub-Investment Adviser

By: /s/ Marc McAfee  
Name: Marc McAfee  
Title: Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

SC PRO Loan VII Limited  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Investment Advisor

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

SC PRO Loan VII Limited  
as a Lender

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Scor Reinsurance Company  
as a Lender  
BY: BlackRock Financial Management, Inc., its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Seasons Series Trust - Diversified Fixed Income  
Portfolio  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

SEI INSTITUTIONAL INVESTMENTS TRUST -  
OPPORTUNISTIC INCOME FUND

as a Lender

BY: ARES MANAGEMENT LLC, AS SUB-  
ADVISOR

By: /s/ Daniel Hayward

Name: Daniel Hayward

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

SEI INSTITUTIONAL MANAGED TRUST -  
ENHANCED INCOME FUND  
as a Lender  
BY: ARES MANAGEMENT LLC, AS SUB-  
ADVISER

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Seix Multi-Sector Absolute Return Fund L.P.  
as a Lender  
By: Seix Multi-Sector Absolute Return Fund GP  
LLC, in its capacity as sole general partner  
By: Seix Investment Advisors LLC, its sole member

By: /s/ George Goudelias  
Name: George Goudelias  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Seneca Park CLO, Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Senior Debt Portfolio  
as a Lender  
BY: Boston Management and Research as Investment  
Advisor

By: /s/ Michael Brotthof  
Name: Michael Brotthof  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Sentry Insurance a Mutual Company  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Sub-Advisor

By: /s/ Kevin Egan

Name: Kevin Egan

Title: Authorized Individual

If a second signature is necessary:

By:

Name:

Title:

Name of Institution: SGT Investments II, L.P.

by Its general partner, SGT Investments II GP, LLC

by /s/ Paul R. Womble \_\_\_\_\_

Name: Paul R. Womble

Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_

Name:

Title:

**Name of Institution:**

Shackleton 2013-IV CLO, LTD  
as a Lender  
by Alcentra NY, LLC as its Collateral Manager

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shackleton 2013-III CLO, Ltd.  
as a Lender  
BY: Alcentra NY, LLC, as investment advisor

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shackleton 2014-V CLO, Ltd.  
as a Lender

By: /s/ Robert Davis

Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Shackleton 2014-VI CLO, Ltd.  
as a Lender  
BY: Alcentra NY, LLC as its Collateral Manager

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shackleton 2015-VII CLO, Ltd  
as a Lender  
BY: Alcentra NY, LLC as its Collateral Manager

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shackleton 2015-VIII CLO, Ltd.  
as a Lender

By: /s/ Robert Davis

Name: Robert Davis

Title: Sr. Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Shackleton 2016-IX CLO, Ltd  
as a Lender  
by Alcentra NY, LLC as its Collateral Manager

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shackleton 2017-X CLO, Ltd  
as a Lender  
by Alcentra NY, LLC as its Collateral Manager

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Sheet Metal Workers Pension Plan of Northern California  
as a Lender  
By: Bradford & Marzec, LLC as Investment Advisor on behalf of  
the Sheet Metal Workers Pension Plan of  
Northern California, account number  
MW2F3001042

By: /s/ John Heitkemper  
Name: John Heitkemper  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shell Contributory Pension Fund  
as a Lender  
By: Invesco Senior Secured Management, Inc as  
Investment Manager

By: /s/ Egan, Kevin  
Name: Egan, Kevin  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shell Pensions Trust Limited as trustee of the Shell  
Contributory Pension Fund  
as a Lender

By: /s/ Fabian Ansorg  
Name: Fabian Ansorg  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Shenkman Floating Rate High Income Fund  
as a Lender  
By: Shenkman Capital Management, Inc.,  
as Collateral Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Silver Spring CLO Ltd.  
as a Lender

By: /s/ Richard Kurth

\_\_\_\_\_  
Name: Richard Kurth

Title: Principal

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Silvermore CLO LTD.  
as a Lender

By: /s/ Richard Kurth

\_\_\_\_\_  
Name: Richard Kurth  
Title: Principal

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Smithfield Foods Master Trust  
as a Lender  
by THL Credit Advisors LLC,  
as Investment Manager

By: /s/ James R. Fellows

Name: James R. Fellows

Title: Managing Director/Co-Head

If a second signature is necessary:

By:

Name:

Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
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AGREEMENT

Name of Institution: Societe Generale

by /s/ David N. Moran  
Name: David N. Moran  
Title: Managing Director

**Name of Institution:**

Sonoma County Employees' Retirement Association  
as a Lender  
By: Guggenheim Partners Investment Management,  
LLC as Investment Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Sound Harbor Loan Fund 2014-1 Ltd.  
as a Lender

By: /s/ Thomas E. Bancroft

Name: Thomas E. Bancroft  
Title: Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

South Carolina Retirement Systems Group Trust  
as a Lender  
By: PineBridge Investments LLC  
Its Investment Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

South Fork Trading, LLC  
as a Lender  
By: SunTrust Bank, as manager

By: /s/ Connie Bailey-Blake  
Name: Connie Bailey-Blake  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Spring Creek Capital, LLC

by /s/ Christopher Welker

Name: Christopher Welker

Title: Authorized Signatory

For any institution requiring a second signature line:

by \_\_\_\_\_

Name:

Title:

**Name of Institution:**

Spring Creek Capital, LLC  
as a Lender  
BY: SunTrust Bank, as manager

By: /s/ Connie Bailey-Blake

Name: Connie Bailey-Blake  
Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Staniford Street CLO, Ltd.  
as a Lender

By: /s/ Scott D'Orsi

Name: Scott D'Orsi

Title: Portfolio Manager

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

STATE OF NEW MEXICO STATE INVESTMENT  
COUNCIL

as a Lender

By: authority delegated to the New Mexico State  
Investment Office

By: Credit Suisse Asset Management, LLC, its  
investment manager

By: /s/ Thomas Flannery

Name: Thomas Flannery

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Steele Creek CLO 2014-1, LTD.  
as a Lender  
BY: Steele Creek Investment Management LLC

By: /s/ Paul Cal  
Name: Paul Cal  
Title: Senior Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Steele Creek CLO 2015-1, LTD.  
as a Lender

By: /s/ Paul Cal

\_\_\_\_\_  
Name: Paul Cal

Title: Senior Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Steele Creek CLO 2016-1, Ltd.  
as a Lender

By: /s/ Paul Cal

\_\_\_\_\_  
Name: Paul Cal

Title: Senior Analyst

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Stewart Park CLO, Ltd.  
as a Lender  
BY: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Stichting Bedrijfstakpensioenfondsvoor het  
Beroepsvervoer over de Weg  
as a Lender  
BY: Post Advisory Group, LLC not in its individual  
capacity but solely as authorized agent for and on  
behalf of:

By: /s/ Schuyler Hewes  
Name: Schuyler Hewes  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Stichting Bedrijfstakpensioenfondsvoor het  
Beroepsvervoer over de Weg

as a Lender

By: Logan Circle Partners, LP as Investment  
Manager

By: /s/ Hume Najdawi

Name: Hume Najdawi

Title: Associate

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

BSG Fund Management B.V. on behalf of the Stichting Blue Sky  
Active Fixed Income US Leveraged Loan Fund  
as a Lender  
By THL Credit Senior Loan  
Strategies LLC, as Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Stichting Blue Sky Active Fixed Income US  
Leveraged Loan Fund  
as a Lender  
By: PineBridge Investments LLC  
Its Investment Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Stichting Pensioenfonds Hoogovens  
as a Lender  
By: Ares Capital Management III LLC, its Asset  
Manager

By: /s/ Daniel Hayward  
Name: Daniel Hayward  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Stichting Pensioenfonds Hoogovens  
as a Lender  
by THL Credit Advisors LLC,  
its Asset Manager

By: /s/ James R. Fellows

Name: James R. Fellows

Title: Managing Director/Co-Head

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Stichting Shell Pensioenfond  
as a Lender

By: /s/ Fabian Ansorg

Name: Fabian Ansorg

Title: Authorised Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Stichting Shell Pensioenfond  
as a Lender  
By: Invesco Senior Secured Management, Inc as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Strategic Income Opportunities Bond Fund  
as a Lender  
BY: BlackRock Institutional Trust Company, NA,  
not in its individual capacity but as Trustee of the  
Strategic Income Opportunities Bond Fund

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Stratford CLO, Ltd.  
as a Lender  
By: Highland Capital Management, L.P.,  
As Servicer

By: /s/ Carter Chism  
Name: Carter Chism  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Sun Life Assurance Company of Canada  
as a Lender  
By: Wellington Management Company, LLP  
as its Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Sunsuper Pooled Superannuation Trust  
as a Lender  
By: Bain Capital Credit, LP, as Manager

By: /s/ Andrew Viens

Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Suzuka INKA  
as a Lender  
By: Bain Capital Credit, LP, as Fund Manager

By: /s/ Andrew Viens  
Name: Andrew Viens  
Title: Executive Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Swiss Capital Alternative Strategies Funds SPC for  
the Account of SC Alternative Strategy 9SP  
as a Lender

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Swiss capital Pro Loan III Plc  
as a Lender

By: Guggenheim Partners Investment Management, LLC as  
Investment Advisor

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Swiss Capital Pro Loan III plc  
as a Lender

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Swiss Capital Pro Loan V  
as a Lender

By: /s/ David Martino

Name: David Martino  
Title: Controller

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Swiss Capital Pro Loan V plc  
as a Lender

By: /s/ Gretchen Bergstresser

Name: Gretchen Bergstresser  
Title: Senior Portfolio Manager

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Swiss Capital Pro Loan V PLC  
as a Lender

By: Guggenheim Partners Investment Management, LLC as  
Investment Advisor

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Swiss Capital Pro Loan VI PLC  
as a Lender

By: /s/ David Martino

Name: David Martino

Title: Controller

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Swiss Capital PRO Loan VIII PLC  
as a Lender

By: Guggenheim Partners Investment Management, LLC as  
Investment Advisor

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Swiss capital Pro Loan VIII PLC  
as a Lender

By: /s/ David Martino

Name: David Martino  
Title: Controller

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

Symphony CLO XIV, Ltd  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Symphony CLO XV, Ltd  
as a Lender  
BY: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Symphony CLO XVI, LTD  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Symphony CLO XVII, LTD  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Symphony Floating Rate Senior Loan Fund  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein

Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:

Name:  
Title:

**Name of Institution:**

TCI-CENT CLO 2016-1 LTD.

as a Lender

By: TCI Capital Management LLC

As Collateral Manager

By: Columbia Management Investment Advisers, LLC

As Sub-Advisor

By: /s/ Steven B. Staver

Name: Steven B. Staver

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

TCI-Symphony CLO 2016-1 Ltd.  
as a Lender  
By: Symphony Asset Management LLC

By: /s/ Gunther Stein  
Name: Gunther Stein  
Title: CEO/CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TCI-SYMPHONY CLO 2017-1 FUNDING LLC

as a Lender

By: Symphony Asset Management LLC

By: /s/ Gunther Stein

\_\_\_\_\_  
Name: Gunther Stein

Title: CEO/CIO

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

TCW CLO 2017-1, LTD.  
as a Lender

By: /s/ Nora Olan  
Name: Nora Olan  
Title: Senior Vice President

If a second signature is necessary:

By: /s/ Bibi Kahn  
Name: Bibi Kahn  
Title: Managing Director

**Name of Institution:**

Teachers Insurance and Annuity Association of  
America  
as a Lender

By: /s/ Anders Persson  
Name: Anders Persson  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Teachers' Retirement System of Louisiana

as a Lender

By: AllianceBernstein L.P., as Investment Advisor

By: /s/ Neil Ruffell

\_\_\_\_\_  
Name: Neil Ruffell

Title: VP - Corporate Actions

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Teachers' Retirement System of the State of  
Kentucky  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Thacher Park CLO, Ltd.  
as a Lender  
BY: GSO / Blackstone Debt Funds Management  
LLC as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Thacher Park CLO Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The City of New York Group Trust  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THE CITY OF NEW YORK GROUP TRUST  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as its  
manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Dreyfus/Laurel Funds, Inc. - Dreyfus Floating  
Rate Income Fund  
as a Lender  
By: Alcentra NY, LLC, as investment advisor

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THE EATON CORPORATION MASTER  
RETIREMENT TRUST  
as a Lender  
BY: Credit Suisse Asset Management, LLC, as  
investment manager

By: /s/ Thomas Flannery  
Name: Thomas Flannery  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Hartford Floating Rate Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Hartford Floating Rate High Income Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Hartford Inflation Plus Fund  
as a Lender  
BY: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Hartford Short Duration Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Hartford Strategic Income Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Hartford Total Return Bond Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The United States Life Insurance Company In the  
City of New York  
As a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Variable Annuity Life Insurance Company  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

The Western and Southern Life Insurance Company  
as a Lender

By: /s/ Bernie M. Casey  
Name: Bernie M. Casey  
Title: AVP & Senior Credit Analyst

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Bank Loan Select Master Fund, a Class  
of The THL Credit Bank Loan Select Series Trust I  
as a Lender  
BY: THL Credit Senior Loan Strategies LLC, as  
Investment Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2012-1 CLO Ltd.  
as a Lender  
BY: THL Credit Senior Loan Strategies LLC, as  
Investment Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2014-1 CLO Ltd.  
as a Lender  
By THL Credit Advisors LLC, as  
Investment Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2014-2 CLO Ltd.  
as a Lender  
BY: THL Credit Senior Loan Strategies LLC, as  
Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2015-1 CLO Ltd.  
as a Lender  
By THL Credit Senior Loan  
Strategies LLC, as Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2015-2 CLO Ltd.  
as a Lender  
By THL Credit Senior Loan  
Strategies LLC, as Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2016-1 CLO Ltd.  
as a Lender  
By THL Credit Senior Loan  
Strategies LLC, its Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2016-2 CLO Ltd.  
as a Lender  
By THL Credit Advisors LC, its Warehouse  
Collateral Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

THL Credit Wind River 2017-1 CLO Ltd.  
as a Lender  
By THL Credit Advisors LLC, its  
Warehouse Collateral Manager

By: /s/ James R. Fellows  
Name: James R. Fellows  
Title: Managing Director/Co-Head

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Teachers Advisors, Inc., on behalf of TIAA CLO I,  
Ltd.  
as a Lender

By: /s/ Anders Persson  
Name: Anders Persson  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TIAA CLO II LTD  
as a Lender

By: /s/ Anders Persson  
Name: Anders Persson  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TIAA Global Public Investments, LLC - Series Loan  
as a Lender

By: /s/ Anders Persson  
Name: Anders Persson  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Teachers Advisors, Inc., on behalf of TIAA-CREF  
Bond Fund  
as a Lender

By: /s/ Anders Persson  
Name: Anders Persson  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Teachers Advisors, Inc., on behalf of TIAA-CREF  
Bond Plus Fund  
as a Lender

By: /s/ Anders Persson  
Name: Anders Persson  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TICP CLO I, Ltd.  
as a Lender  
by: TICP CLO I Management, LLC,  
its collateral manager

By: /s/ Daniel Wanek  
Name: Daniel Wanek  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TICP CLO II, Ltd.  
as a Lender  
by: TICP CLO II Management, LLC,  
its collateral manager

By: /s/ Daniel Wanek  
Name: Daniel Wanek  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TICP CLO III, Ltd.  
as a Lender  
by: TICP CLO III Management, LLC,  
its collateral manager

By: /s/ Daniel Wanek  
Name: Daniel Wanek  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TICP CLO IV Ltd  
as a Lender

By: /s/ Daniel Wanek  
Name: Daniel Wanek  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TICP CLO V 2016-1, Ltd.  
as a Lender

By: /s/ Daniel Wanek  
Name: Daniel Wanek  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TICP CLO VI 2016-2, Ltd.  
as a Lender

By: /s/ Daniel Wanek  
Name: Daniel Wanek  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TICP CLO VII, Ltd  
as a Lender  
By: TICP CLO VII Management, LLC  
Its Collateral Manager

By: /s/ Daniel Wanek  
Name: Daniel Wanek  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

TRALEE CLO II, LTD

as a Lender

By: Par-Four Investment Management, LLC

As Collateral Manager

By: /s/ Dennis Gorczyca

Name: Dennis Gorczyca

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

TRALEE CLO III, LTD.  
as a Lender  
By: Par-Four Investment Management, LLC  
As Collateral Manager

By: /s/ Dennis Gorczyca  
Name: Dennis Gorczyca  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Transamerica Unconstrained Bond  
as a Lender  
By: PineBridge Investments LLC as Investment  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Treman Park CLO, Ltd.  
as a Lender  
BY: GSO / Blackstone Debt Funds Management  
LLC as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Trestles CLO 2017-1, LTD.  
as a Lender  
By: Pacific Asset Management, as collateral  
manager

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

Trinitas CLO I, Ltd.  
as a Lender

By: /s/ Gibran Mahmud  
Name: Gibran Mahmud  
Title: Chief Investment Officer of Triumph  
Capital Advisors, LLC As Asset Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Trinitas CLO II, Ltd.  
as a Lender

By: /s/ Gibran Mahmud  
Name: Gibran Mahmud  
Title: Chief Investment Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Trinitas CLO III, Ltd.  
as a Lender

By: /s/ Gibran Mahmud  
Name: Gibran Mahmud  
Title: Chief Investment Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Trinitas CLO IV, Ltd.  
as a Lender

By: /s/ Gibran Mahmud  
Name: Gibran Mahmud  
Title: Chief Investment Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Trinitas CLO V, Ltd.  
as a Lender

By: /s/ Gibran Mahmud  
Name: Gibran Mahmud  
Title: Chief Investment Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Trinitas CLO VI, Ltd.  
as a Lender

By: /s/ Gibran Mahmud  
Name: Gibran Mahmud  
Title: Chief Investment Officer

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

DoubleLine Capital LP as Investment Advisor to:  
Trustees of the Estate of Bernice Pauahi Bishop dba  
Kamehameha Schools  
as a Lender

By: /s/ Peter Hwang  
Name: Peter Hwang  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Trustmark Insurance Company  
as a Lender  
By: Crescent Capital Group LP, its adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

**Name of Institution:**

Tryon Park CLO Ltd.  
as a Lender  
BY: GSO / Blackstone Debt Funds Management  
LLC as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution: UBS AG, STAMFORD BRANCH**

by /s/ Darlene Arias  
Name: Darlene Arias  
Title: Director

For any institution requiring a second signature line:

by /s/ Craig Pearson  
Name: Craig Pearson  
Title: Associate Director

**Name of Institution:**

UBS Financial Services Inc. Pension Plan  
as a Lender  
As: Bradford & Marzec, LLC as Investment Advisor  
on behalf  
of the UBS Financial Services Inc. Pension Plan,  
account  
number 17-01283/PWB04

By: /s/ John Heitkemper  
Name: John Heitkemper  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

UNISUPER  
as a Lender  
By: Oak Hill Advisors, L.P.  
as its Manager

By: /s/ Glenn August  
Name: Glenn August  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

United HealthCare Insurance Company  
as a Lender  
BY: GSO Capital Advisors LLC as Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

UnitedHealthCare Insurance Company  
as a Lender  
By: BlackRock Financial Management Inc.; its  
investment manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Upland CLO, Ltd.  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Collateral Manager

By: /s/ Kevin Egan  
Name: Egan, Kevin  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Upper Tier Corporate Loan Fund 1  
as a Lender  
By: Invesco Senior Secured Management, Inc. as  
Investment Manager

By: /s/ Kevin Egan  
Name: Egan, Kevin  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

US Loan SV S.a.r.l.  
as a Lender

By: /s/ Robert Davis  
Name: Robert Davis  
Title: Sr. Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

U.S. Specialty Insurance Company  
as a Lender  
BY: BlackRock Investment Management, LLC, its  
Investment Manager

By: /s/ Rob Jacobi  
Name: Rob Jacobi  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

USAA Mutual Funds Trust - USAA Short - Term  
Bond Fund  
as a Lender

By: /s/ John Spear  
Name: John Spear  
Title: VP Long Term Fixed Income

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Utica Mutual Insurance Company  
as a Lender  
By: Wellington Management Company LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

VALIDUS REINSURANCE LTD  
as a Lender  
BY: PineBridge Investments LLC Its Investment  
Manager

By: /s/ Steven Oh  
Name: Steven Oh  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Vantage Trust  
as a Lender  
By: Pacific Life Fund Advisors LLC (doing business  
as Pacific Asset Management),  
in its capacity as Investment Advisor

By: /s/ Norman Yang  
Name: Norman Yang  
Title: Authorized Signatory

If a second signature is necessary:

By: /s/ Anar Majmudar  
Name: Anar Majmudar  
Title: Authorized Signatory

**Name of Institution:**

VENTURE XII CLO, Limited  
as a Lender  
BY: its investment advisor  
MJX Venture Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

VENTURE XIII CLO, Limited  
as a Lender  
BY: its Investment Advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

VENTURE XIV CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

VENTURE XV CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

VENTURE XVI CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XVII CLO Limited  
as a Lender  
BY: its investment advisor, MJX Asset  
Management,  
LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XVIII CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

VENTURE XX CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director/ Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XXI CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XXII CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Venture Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XXIII CLO, Limited  
as a Lender  
By: its investment advisor MJX Asset Management  
LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XXIV CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Asset Management LLC

By: /s/ Lewis I. Brown  
Name: Lewis I. Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XXV CLO Limited  
as a Lender  
By its Investment Advisor, MJX Asset Management  
LLC

By: /s/ Lewis Brown  
Name: Lewis Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XXVI CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Venture Management LLC

By: /s/ Lewis Brown  
Name: Lewis Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Venture XXVII CLO, Limited  
as a Lender  
By: its investment advisor  
MJX Venture Management II LLC

By: /s/ Lewis Brown  
Name: Lewis Brown  
Title: Managing Director / Head of Trading

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Vibrant CLO III, Ltd.  
as a Lender  
BY: DFG Investment Advisers, Inc.

By: /s/ Roberta Goss  
Name: Roberta Goss  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Virginia Colelge Savings Plan  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as  
Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Virtus Newfleet Dynamic Credit ETF  
as a Lender

By: /s/ Kyle Jennings  
Name: Kyle Jennings  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Virtus Newfleet Low Duration Income Fund  
as a Lender

By: /s/ Kyle Jennings

Name: Kyle Jennings

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Virtus Newfleet Senior Floating Rate Fund  
as a Lender

By: /s/ Kyle Jennings  
Name: Kyle Jennings  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Virtus SEIX Floating Rate High Income Fund  
as a Lender  
By: Seix Investment Advisors LLC, as Subadviser

By: /s/ George Goudelias  
Name: George Goudelias  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2012-4, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2013-1, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as  
its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2013-2, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as  
its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2013-3, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as  
its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2014-1, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as  
its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2014-2, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as  
its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2014-3, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as  
its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2014-4, Ltd.  
as a Lender  
BY: Voya Alternative Asset Management LLC, as  
its  
investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2015-1, Ltd.

as a Lender

By: Voya Alternative Asset Management LLC, as its  
investment manager

By: /s/ James B. Essert

Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Voya CLO 2015-2, Ltd.  
as a Lender  
By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2016-1, Ltd.  
as a Lender  
By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya CLO 2016-2, Ltd.

as a Lender

By: Voya Alternative Asset Management LLC, as its  
investment manager

By: /s/ James B. Essert

Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Voya CLO 2016-3, Ltd.

as a Lender

By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ James B. Essert

\_\_\_\_\_  
Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Voya CLO 2016-4, Ltd.  
as a Lender

By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ James B. Essert

\_\_\_\_\_  
Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Voya CLO 2017-1, Ltd.  
as a Lender

By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ James B. Essert

Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Voya CLO 2017-3, Ltd.  
as a Lender  
By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya Credit Opportunities Master Fund  
as a Lender

By: Voya Alternative Asset Management LLC,  
as its investment manager

By: /s/ James B. Essert

Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Voya Floating Rate Fund  
as a Lender

BY: Voya Investment Management Co. LLC, as its investment  
manager

By: /s/ James B. Essert

\_\_\_\_\_  
Name: Jim Essert

Title: Senior Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ISL Loan Trust  
as a Lender  
BY: Voya Investment Management Co. LLC, as its investment  
advisor

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya Investment Trust Co. Plan for Common Trust  
Funds - Voya Senior Loan Common Trust Fund  
as a Lender  
BY: Voya Investment Trust Co. as its trustee

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya Investment Trust Co. Plan for Employee  
Benefit Investment Funds - Voya Senior Loan Trust Fund  
as a Lender  
BY: Voya Investment Trust Co. as its trustee

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya Prime Rate Trust  
as a Lender  
BY: Voya Investment Management Co. LLC, as its investment  
manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Voya Senior Income Fund  
as a Lender  
BY: Voya Investment Management Co. LLC, as its investment  
manager

By: /s/ James B. Essert  
Name: Jim Essert  
Title: Senior Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wasatch CLO Ltd  
as a Lender  
BY: Invesco Senior Secured Management, Inc. as  
Portfolio Manager

By: /s/ Kevin Egan  
Name: Kevin Egan  
Title: Authorized Individual

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Washington Mill CLO Ltd.  
as a Lender  
By: Shenkman Capital Management, Inc.,  
as Collateral Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Webster Park CLO, Ltd  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC as Collateral Manager

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellfleet CLO 2015-1, Ltd.  
as a Lender

By: /s/ Dennis Talley  
Name: Dennis Talley  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellfleet CLO 2016-1, Ltd.  
as a Lender

By: /s/ Dennis Talley  
Name: Dennis Talley  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellfleet CLO 2016-2, Ltd.  
as a Lender

By: /s/ Dennis Talley  
Name: Dennis Talley  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellfleet CLO 2017-1, Ltd.  
as a Lender  
By: Wellfleet Credit Partners, LLC  
As Collateral Manager

By: /s/ Dennis Talley  
Name: Dennis Talley  
Title: Portfolio Manager

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellington Multi-Sector Credit Fund  
as a Lender

By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden

Name: Adam Alden

Title: Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Wellington Trust Company, NA Multiple Collective  
Investment Funds Trust II, Multi Sector Credit  
Portfolio  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellington Trust Company, National Association  
Multiple Common Trust Funds Trust- Opportunistic  
Fix Income Allocation Portfolio  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellington Trust Company, National Association  
Multiple Collective Investment Funds Trust II, Core  
Bond Plus/High Yield Bond Portfolio  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellington Trust Company, National Association  
Multiple Common Trust Funds Trust Opportunistic  
Inflation Sensitive Bond Portfolio  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellington Trust Company, National Association  
Multiple Common Trust Funds Trust, Core Bond  
Plus/High Yield Bond Portfolio  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

WELLINGTON TRUST COMPANY, NATIONAL  
ASSOCIATION MULTIPLE COMMON TRUST  
FUNDS TRUST, UNCONSTRAINED CORE  
FIXED INCOME PORTFOLIO  
as a Lender

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wellmark, Inc.  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Advisor

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wells Fargo (Lux) Worldwide Fund - U.S. Short-  
Term High Yield Bond Fund  
as a Lunder  
BY: Wells Capital Management, its Investment  
Advisor

By: /s/ Benjamin Fandinola  
Name: Benjamin Fandinola  
Title: Trade Operations Specialist

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wells Fargo Short-Term High Yield Bond Fund  
as a Lender  
by: Wells Capital Management, as Investment  
Advisor

By: /s/ Benjamin Fandinola  
Name: Benjamin Fandinola  
Title: Trade Operations Specialist

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wells Fargo Strategic Income Fund  
as a Lender  
by: Wells Capital Management, as Investment  
Advisor

By: /s/ Benjamin Fandinola  
Name: Benjamin Fandinola  
Title: Trade Operations Specialist

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wells Fargo Bank, National Association  
as a Lender

By: /s/ P Jeffrey Huth  
Name: P Jeffrey Huth  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Wells Fargo Core Plus Bond Fund  
as a Lender  
by: Wells Capital Management, as Investment  
Advisor

By: /s/ Benjamin Fandinola  
Name: Benjamin Fandinola  
Title: Trade Operations Specialist

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

West Bend Mutual Insurance Company  
as a Lender  
By: Crescent Capital Group LP, its sub-adviser

By: /s/ Brian McKeon  
Name: Brian McKeon  
Title: Vice President

If a second signature is necessary:

By: /s/ Wayne Hosang  
Name: Wayne Hosang  
Title: Managing Director

**Name of Institution:**

West CLO 2012-1 Ltd.  
as a Lender

By: /s/ Chris Jackson

Name: Chris Jackson

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

West CLO 2013-1 Ltd.  
as a Lender

By: /s/ Chris Jackson

Name: Chris Jackson

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

West CLO 2014-1 Ltd.  
as a Lender

By: /s/ Chris Jackson

Name: Chris Jackson

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

West CLO 2014-2 Ltd.  
as a Lender

By: /s/ Chris Jackson

Name: Chris Jackson

Title: Assistant Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Westchester CLO, Ltd.

as a Lender

By: Highland Capital Management, L.P.,

As Servicer

By: /s/ Carter Chism

Name: Carter Chism

Title: Authorized Signatory

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Westcott Park CLO, Ltd.  
as a Lender  
By: GSO / Blackstone Debt Funds Management  
LLC  
as Collateral Manager to Warehouse Parent, Ltd.

By: /s/ Thomas Iannarone  
Name: Thomas Iannarone  
Title: Authorized Signatory

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Western Asset Bank Loan (Multi-Currency) Master  
Fund

as a Lender

BY: Western Asset Management Company as  
Investment Manager and Agent

By: /s/ Jed R. Villareal

Name: Jed R. Villareal

Title: Bank Loan Team

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Western Asset Bank Loan (Offshore) Fund  
as a Lender

By: /s/ Jed R. Villareal  
Name: Jed R. Villareal  
Title: Bank Loan Team

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Western Asset Corporate Loan Fund Inc.  
as a Lender

BY: Western Asset Management Company as  
Investment Manager and Agent

By: /s/ Jed R. Villareal

Name: Jed R. Villareal

Title: Bank Loan Team

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Western Asset Floating Rate High Income Fund, LLC  
as a Lender  
BY: Western Asset Management Company as  
Investment Manager and Agent

By: /s/ Jed R. Villareal  
Name: Jed R. Villareal  
Title: Bank Loan Team

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Western Asset Short Duration High Income fund  
as a Lender

By: /s/ Jed R. Villareal  
Name: Jed R. Villareal  
Title: Bank Loan Team

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Western Asset U.S. Bank Loan (Offshore) Fund  
as a Lender

By: /s/ Jed R. Villareal  
Name: Jed R. Villareal  
Title: Bank Loan Team

If a second signature is necessary:

By:  
Name:  
Title:

SIGNATURE PAGE TO AMENDMENT NO. 3 AND  
INCREMENTAL TERM LOAN ASSUMPTION  
AGREEMENT DATED AS OF THE DATE FIRST  
WRITTEN ABOVE, TO THE TRANSDIGM INC.  
SECOND AMENDED AND RESTATED CREDIT  
AGREEMENT

**Name of Institution: WhiteHorse VII, Ltd.**

By: H.I.G. WhiteHorse Capital, LLC  
As: Collateral Manager

/s/ Ethan Underwood

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By: Ethan Underwood  
Title: Manager

**Name of Institution: WhiteHorse VIII, Ltd.**

By: H.I.G. WhiteHorse Capital, LLC  
As: Collateral Manager

/s/ Ethan Underwood

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By: Ethan Underwood  
Title: Manager

**Name of Institution: WhiteHorse X, Ltd.**

By: H.I.G. WhiteHorse Capital, LLC  
As: Collateral Manager

/s/ Ethan Underwood

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By: Ethan Underwood  
Title: Manager

**Name of Institution:**

WM Pool - Fixed Interest Trust No. 7  
as a Lender  
by SHENKMAN CAPITAL MANAGEMENT, INC.,  
as  
Investment Manager

By: /s/ Justin Slatky  
Name: Justin Slatky  
Title: CO-CIO

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

WM Pool - High Yield Fixed Interest Trust  
as a Lender

By: Oaktree Capital Management, L.P.  
Its: Investment Manager

By: /s/ Tim Fairty  
Name: Tim Fairty  
Title: Vice President

If a second signature is necessary:

By: /s/ Armen Panossian  
Name: Armen Panossian  
Title: Managing Director

**Name of Institution:**

Workers Compensation Fund  
as a Lender  
By: Wellington Management Company, LLP as its  
Investment Adviser

By: /s/ Adam Alden  
Name: Adam Alden  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

XL RE Europe SE

as a Lender

By: Bain Capital Credit, LP, as Investment Manager

By: /s/ Andrew Viens

Name: Andrew Viens

Title: Executive Vice President

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Yellowstone Trading, LLC  
as a Lender  
By: SunTrust Bank, as manager

By: /s/ Connie Bailey-Blake  
Name: Connie Bailey-Blake  
Title: Vice President

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

Z Capital Credit Partners CLO 2015-1, Ltd.  
By: Z Capital CLO Management, L.L.C., its Portfolio Manager  
By: Z Capital Group, L.L.C., its Managing Member  
By: James J. Zenni, Jr., its President and CEO

by /s/ James J. Zenni, Jr.  
Name:  
Title:

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

**Name of Institution:**

ZAIS CLO 1, Limited  
as a Lender  
ZAIS CLO 1, Limited

By: /s/ Vincent Ingato  
Name: Vincent Ingato  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ZAIS CLO 2, Limited  
as a Lender  
ZAIS CLO 2, Limited

By: /s/ Vincent Ingato  
Name: Vincent Ingato  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ZAIS CLO 3, Limited  
as a Lender  
ZAIS CLO 3, Limited

By: /s/ Vincent Ingato  
Name: Vincent Ingato  
Title: Managing Director

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution:**

ZAIS CLO 5, Limited

as a Lender

By Zais Leveraged Loan Master Manager, LLC its collateral manager

By: Zais Group, LLC, its sole member

By: /s/ Vincent Ingato

Name: Vincent Ingato

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

ZAIS CLO 6, Limited

as a Lender

By Zais Leveraged Loan Master Manager, LLC its collateral manager

By: Zais Group, LLC, its sole member

By: /s/ Vincent Ingato

Name: Vincent Ingato

Title: Managing Director

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Ziggurat CLO Ltd.

as a Lender

By: Guggenheim Partners Investment Management,  
LLC as Asset Manager

By: /s/ Kaitlin Trinh

Name: Kaitlin Trinh

Title: Authorized Person

If a second signature is necessary:

By:

Name:

Title:

**Name of Institution:**

Zilux Senior Loan Fund  
as a Lender  
BY: Guggenheim Partners Investment Management,  
LLC as Investment Manager

By: /s/ Kaitlin Trinh  
Name: Kaitlin Trinh  
Title: Authorized Person

If a second signature is necessary:

By:  
Name:  
Title:

**Name of Institution: AXA IM Inc., for and on behalf of**

**ALLEGRO CLO II, Ltd**

by /s/ Yannick Le Serviget

Name: Yannick Le Serviget

Title: Senior Portfolio Manager

For any institution requiring a second signature line:

by \_\_\_\_\_

Name:

Title:

**Name of Institution: AXA IM Inc., for and on behalf of**

**ALLEGRO CLO III, Ltd**

by /s/ Yannick Le Serviget  
Name: Yannick Le Serviget  
Title: Senior Portfolio Manager

For any institution requiring a second signature line:

by \_\_\_\_\_  
Name:  
Title:

Tranche G Term Loans

<u>Tranche G Term Lender</u>	<u>Tranche G Term Loan Commitment</u>	
Credit Suisse AG, Cayman Islands Branch	\$	1,819,000,000
<b>TOTAL</b>	<b>\$</b>	<b>1,819,000,000</b>

Post Amendment No. 3 Effective Date Obligations

Within 90 days after the Amendment No. 3 Effective Date (or such later date that the Agent in its reasonable discretion may permit), with respect to the below described Mortgaged Properties, the Agent shall have received (i) an amendment to the applicable Existing Mortgage in form and substance reasonably satisfactory to the Agent, (ii) evidence that a counterpart of such amendment to the Existing Mortgage has been recorded (or delivered to the appropriate Title Insurance Company subject to arrangements reasonably satisfactory to the Agent for recording promptly thereafter in the place necessary to create a valid and enforceable first priority Lien in favor of the Agent for the benefit of itself and the Secured Parties), (iii) a "date-down" and modification endorsement to the existing Title Insurance Policy (or a new Title Insurance Policy if such endorsements are not available in a jurisdiction where an Existing Mortgage has been recorded), which shall amend the description therein of the insured Existing Mortgage to include the amendment of the Existing Mortgage, and otherwise be in form and substance reasonably satisfactory to the Agent, (iv) a favorable opinion of counsel in the state in which such parcels of real property are located with respect to the enforceability of said amendment of the Existing Mortgage and such other opinions as Agent shall reasonably request, all in form and substance and from counsel reasonably satisfactory to the Agent and (v) such other information, documentation, and certifications (including evidence of flood insurance as may be required by applicable law) as may be reasonably required by the Agent, in each case with respect to the following Mortgaged Properties:

- a. 320 S. Church Street, Addison, IL 60101-3750
- b. 1230 Old Norris Road, Liberty, SC 29657
- c. 6019 Powdermill Road, Franklin Twp., Kent, OH 44240-7109
- d. 8575 Helms Avenue, Rancho Cucamonga, CA 91730
- e. 2405 S. 3rd Ave., Union Gap, WA 98903
- f. 40 Orville Drive and 105 Wilbur Place, Bohemia, NY 11716

**TransDigm Group Announces Successful Completion of Additional Term Loan and Declares a Special Cash Dividend of \$22.00 Per Share**

CLEVELAND, Aug. 23, 2017 /PRNewswire/ — TransDigm Group Incorporated (the “TransDigm Group”) (NYSE: TDG) announced today that its wholly-owned subsidiary, TransDigm Inc., received the funding of an additional term loan of \$1,819 million maturing in 2024 at a rate of LIBOR plus 3.00% and repaid in full the existing tranche C term loans, pursuant to an amendment to its existing credit agreement.

The amendment also permits (a) the payment of a special dividend, share repurchase, or combination thereof, in an aggregate amount up to \$1,262 million over the next 60 days, and (b) certain additional restricted payments, including to declare or pay dividends or repurchase stock, in an aggregate amount not to exceed \$1,500 million over the next twelve months. If any portion of the \$1,500 million is not used for dividends or share repurchases over the next twelve months, such amount (not to exceed \$500 million) may be used to repurchase stock at any time thereafter.

Accordingly, TransDigm Group announced today that its board of directors has authorized and declared a special cash dividend of \$22.00 on each outstanding share of common stock and cash dividend equivalent payments under options granted under its stock option plans. The record date for the special dividend is September 5, 2017 and the payment date for the dividend is September 12, 2017.

**About TransDigm Group**

TransDigm Group, through its wholly-owned subsidiaries, is a leading global designer, producer and supplier of highly engineered aircraft components for use on nearly all commercial and military aircraft in service today. Major product offerings, substantially all of which are ultimately provided to end-users in the aerospace industry, include mechanical/electro-mechanical actuators and controls, ignition systems and engine technology, specialized pumps and valves, power conditioning devices, specialized AC/DC electric motors and generators, NiCad batteries and chargers, engineered latching and locking devices, rods and locking devices, engineered connectors and elastomers, databus and power controls, cockpit security components and systems, specialized cockpit displays, aircraft audio systems, specialized lavatory components, seatbelts and safety restraints, engineered interior surfaces and related components, lighting and control technology, military personnel parachutes, high performance hoists, winches and lifting devices, and cargo loading, handling and delivery systems.

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**Safe Harbor Statement**

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995.

All forward-looking statements involve risks and uncertainties which could affect TransDigm Group's actual results and could cause its actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, TransDigm Group. These risks and uncertainties include but are not limited to: the sensitivity of our business to the number of flight hours that our customers' planes spend aloft and our customers' profitability, both of which are affected by general economic conditions; future geopolitical or worldwide events; cyber-security threats and natural disasters; our reliance on certain customers; the U.S. defense budget and risks associated with being a government supplier; failure to maintain government or industry approvals; failure to complete or successfully integrate acquisitions; our substantial indebtedness; potential environmental liabilities; increases in raw material costs, taxes and labor costs that cannot be recovered in product pricing; risks and costs associated with our international sales and operations; and other risk factors. Further information regarding the important factors that could cause actual results to differ materially from projected results can be found in TransDigm Group's Annual Report on Form 10-K and other reports that TransDigm Group or its subsidiaries have filed with the Securities and Exchange Commission. Except as required by law, TransDigm Group undertakes no obligation to revise or update the forward-looking statements contained in this press release.

**Contact:**

Liza Sabol

Investor Relations

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