



ALBANY
Engineered Composites

Inspired by experience.
Designed for the future.

Materially Different.

Boeing Waste Tank System Spares and Repair Catalog 2025



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Albany Engineered Composites

Albany Engineered Composites (AEC) is a leading designer and manufacturer of composite components for applications in commercial and defense aerospace sector. Our mission is to be our customers' first choice advanced composites provider from initial concept to last part shipped and be the industry leader in creating innovative technology and assembly solutions.

EDO Corporation business is now operating as Albany Aerostructures Composites LLC (AAC), a subsidiary of Albany Engineered Composites, Inc (AEC). AAC is a fully qualified Federal Aviation Administration (FAA) Parts Manufacturer (No. PQ1364NM) and Licensed Repair Station (QO5R152N).

The value we offer to our customers comes from our core focus.



Salt Lake City, UT Facility

ALBANY AEROSTRUCTURES COMPOSITES LLC PROPRIETARY INFORMATION

This document contains proprietary, confidential, and/or trade secret information of Albany Engineered Composites, Inc. ("AEC"). Possessing, using, copying or disclosing this document to or for the benefit of any third party without Albany's prior written consent may result in criminal and/or civil liability.



Contact Information

Orders may be placed at your convenience or in an emergency as follows:

AOG Orders:

AOGs (Aircraft on Ground) Orders Only

+1-801-537-1800 Ext. 3

E-mail: AOG@albaec.us

- > All AOG orders must be reported via phone. E-mail is for sending additional information only.
- > If an AOG e-mail is received on a non-AOG e-mail and the e-mail is not followed up with a phone call to the AOG line, Albany cannot guarantee AOG response times.
- > AOG orders subject to fees.

Normal Business hours:

7:00 a.m. - 3:00 p.m. (MST)

Primary Contact:

Jessica Nielsen-Haworth

Phone: +1-801-505-7012

E-mail: Jessica.Haworth@albaec.us

Alternate E-mail: Tank-Spares@albaec.us

Returns/Repairs:

Albany Aerostructures Composites LLC

506 North Billy Mitchell Road

Salt Lake City, UT 84116-2806

Mail:

Albany Aerostructures Composites LLC

Contracts c/o Jessica Nielsen-Haworth

5995 West Amelia Earhart Drive

Salt Lake City, UT 84116-3746



Repair Services

Advanced Notice

AAC requires advance notice of all tanks being sent for repairs. Due to biohazards of waste tanks, paperwork must be attached to the outside of the crate and e-mailed in advance to tank-spares@albaec.us. Tanks sent without advance notice or with paperwork included inside the crate will delay processing. Tanks sent to AAC for repair should be accompanied by a discrepancy report stating the damage or issues experienced with the tank and/or any work being requested, if applicable.

Tanks Manufactured by AAC Procedures

Please follow these procedures when using our repair services:

- > Tanks must be cleaned, sanitized and dry prior to shipment to AAC, including the removal of the filter canister and outer bowl and shroud. Due to the potential for hazardous waste, and for the safety of AAC's employees, a minimum cleaning fee will be charged for all tanks received per the table on the next page of this catalog. Additional fees for live waste and tanks being shipped to a location other than the one detailed below will be assessed per each occurrence as outlined in the table on the next page of this catalog.

Please ship "freight prepaid" to the following address:

**Repair Service
Albany Aerostructures Composites LLC
506 North Billy Mitchell Road
Salt Lake City, Utah 84116-2806**

- > After receiving a cleaned and sanitized tank, AAC will conduct an inspection and determine if the tank is repairable. If it is, AAC will notify the customer via e-mail with an estimated repair cost and an anticipated delivery schedule. The final delivery schedule will be confirmed once AAC receives the customer's approval to proceed.
- > Once a repairable tank is approved for service, repairs are typically completed and shipped from AAC within 10 days of receiving the customer's written authorization. The standard evaluation fee is waived. If repair quotes are not addressed within a reasonable time frame, additional storage fees may apply.

AAC reserves the right to implement a flat-rate repair fee as needed. In some cases, authorization to proceed with repairs may be issued and accepted prior to issuing a formal quote.

However, if the tank is not repairable AAC will advise the customer, provide an invoice for the standard evaluation fee and any cleaning fees or work performed and request disposition of the tank. If the Customer requests the tank be returned "AS IS," it will be marked "NOT AIRWORTHY." If a new AAC tank is ordered to replace the scrapped tank at the time of disposition, the standard evaluation fee will be waived.

- > Requests to expedite a repair will be accommodated whenever possible. If an expedited repair is approved, an expedite charge will apply. This will be calculated on a case-by-case basis.
- > Upon receiving written authorization from the customer, AAC will proceed with the repair. If the tank fails during acceptance testing due to causes not related to the repair work, AAC shall not be responsible for such failure.
- > Repair services will be performed in accordance with AAC's Conditions of Sale, which can be found at the end of this catalog. Customer's purchase order Terms and Conditions are not applicable to any repair services performed by AAC.

Tanks Not Manufactured by AAC Procedures

In addition to the steps previously indicated for Tanks Manufactured by AAC, tanks which have not been manufactured by AAC have the following requirement:

AAC is required to have the applicable Component Maintenance Manual (CMM) for the tank to perform repair services. Please contact an AAC Customer Service Representative to identify the tank configuration and determine the documentation requirements prior to shipping a tank to AAC for repair. Should AAC not have the applicable CMM, it is the Customer's responsibility to obtain and provide a copy of the CMM to AAC prior to any repair work being performed.

Obsolescence

At times, obsolescence of materials required to fulfill repair services may be experienced on some of AAC's more mature lines. In this event, material changes may be required in order to meet the Customer's purchase order requirements. Although AAC attempts to identify obsolete parts prior to providing a quotation for repairs, this information may not be obtained until after the repair price and delivery date has been communicated to the Customer. Should this occur, AAC will provide revised price and delivery information as soon as it is available. If no suitable material replacement is available, the obligation to provide such part will be waived by Customer.

Repair Fee Summary

DESCRIPTION	Amount
SCRAP-ON-SITE FEE	\$500.00
EVALUATION FEE	\$600.00
CLEANING FEE	\$1,000.00
LIVE WASTE CLEANING	\$2,500.00
WRONG SHIP TO LOCATION	\$600.00
STORAGE FEE	TBD

*Applicability of fees in this table are outlined on previous page of this catalog.

Pricing and Miscellaneous Information

Pricing in this catalog shall be effective 01 January 2025 and expires 31 December 2025. This catalog supersedes any previous AAC Spare Parts catalogs.

All prices are quoted EXW from AAC, Salt Lake City, Utah, U.S.A. and include the cost of standard packaging and crating. Prices do not include any taxes or duties of any country outside the United States which may be imposed. The Customer will be responsible for any such taxes, duties or fees.

Customers will be charged a 10% restocking fee for any returned parts shipped in accordance with Customer's purchase order.

AAC requires that any order placed must meet a minimum value of \$200.00 USD.

AAC maintains an inventory of tanks and components to support AOG's, critical orders and short lead times. Please e-mail an AAC Representative see page 2 for part lead times and availability.

Catalog pricing reflects standard bulk packaging on small items. Any requests to individually

package small items such as O-Rings will be subject to a minimum charge of \$300, per order.

AOG orders may be subject to a fee of up to \$200, per order.

Lost 8130 documentation and replacement may incur a minimum fee of \$350. Additionally items will need to be returned (with AAC assigned RMA) for reinspection and will be subject to a 10% restocking fee.

Delivery

Delivery of items ordered from this catalog must be mutually agreed upon in advance. AAC shall not be liable for any delays in delivery which are beyond the reasonable control of AAC and which are not attributable to the fault or negligence of AAC.

Payment Terms

Payment is NET 30 from AAC invoice date, unless otherwise specified.

Conditions

All product sales are predicated upon AAC Conditions of Sale found at the end of this catalog. All Terms and Conditions in Customer's purchase order are expressly rejected and shall not be applicable to any order received by AAC. AAC shall not be liable for any consequential, special or incidental damages in connection with the selling and repairing of spare parts hereunder, without regard to how such damages occurred.

Certifications

Upon request, AAC can provide the following certifications:

- > Manufacture C of Cs
- > FAA 8130-3 with final destination specified when requested on Customer's purchase order. International shipments - provided at no cost.

Please note that AAC is not EASA certified and cannot provide EASA certifications.



Warranty

AAC Warranty

AAC warrants that all parts and AAC labor shall be free of defects in workmanship and material for a period of one (1) year from the date the repaired product is shipped from AAC. This warranty also includes rotatable tanks. AAC will repair any work which proves defective during the one year warranty period. AAC shall not be responsible for any portions of the tank provided to AAC which are not subject to repair. AAC must receive Customer's written notice of a warranty claim hereunder no later than 30 days after failure of the repair.

AAC will pay for ground transportation costs for all defective parts returned under warranty. Any shipping costs, above and in excess of, ground or economical transportation costs would be the Customer's responsibility.

The following actions will nullify this warranty:

- > Customer's alteration or repair of the item after the AAC repair effort.
- > Abuse, neglect, accident or misuse of the tank after the AAC repair effort.

NOTE: The warranties, obligations and liabilities of AAC set forth herein are exclusive and in substitution for all other warranties, obligations and liabilities of AAC, expressed or implied, with respect to any non-conformance or defect in repair of the item including but not limited to damages for loss of use, revenue or profit or for any other incidental consequential damages.

Warranty of New Spare Parts

AAC warrants that all items (Products) set forth in this catalog and delivered under a Purchase Order will be free from defects in material and workmanship, and all Products will conform to the requirements of the Order including but not limited to, the applicable description, specifications and drawings. If any Product fails to comply in any respect with the warranty set forth above within 36 months after delivery to Customer, AAC shall promptly make all repairs, modifications, corrections or replacements necessary to make such Products comply with said warranty, providing Products delivered have not been installed, used, repaired or serviced other than in conformity with AAC applicable service manuals, bulletins or instructions. AAC obligations under this warranty are conditioned upon its receiving notice of claimed defects within 30 days after discovery of the alleged defect.



Returns for Warranty Repairs

To insure prompt handling of AAC parts returned under warranty for repair or replacement, the return shipment shall clearly identify the item as a warranty return and include a copy of Customer's original repair purchase order.

Parts returned under warranty shall be shipped to:

Warranty Claim – Customer Service AAC
506 North Billy Mitchell Road
Salt Lake City, Utah 84116-2896

New Spare Part Returns

All new spare part warranty returns require prior authorization from AAC prior to shipment. Authorization can be received by contacting AAC Representative at tank-spare@albaec.us. All returns must be accompanied by an AAC Return Material Number. The Return Material Number (RMA) will be provided by the AAC Representative upon request.

Returns may include but are not limited to:

- > Over Shipments: Receipt of a quantity of parts in excess of quantity specified on Customer's purchase order.
- > Wrong Part Number: Receipt of part number(s) other than those identified on Customer's purchase order where AAC has not advised by fax, e-mail or by purchase order acknowledgement that the received part is a replacement for the ordered part(s).
- > Rejected for Non-Conformance: Parts received that are rejected by Customer for non-conformance to specifications.

Boeing 737-600, 700, 800, and MAX Vacuum Waste Tanks

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S417A881-4	01930-011	01930-007	TANK, WASTE (60 GAL)*	1 Ea.	\$37,386.43
-	00090-001	2170-081-1	GASKET, RINSE SYSTEM	1 Ea.	\$2.84
-	00135-001	32-T-006	END CLOSURE	1 Ea.	\$218.49
-	00136-003	32-T-007	RETAINING RING, POLAR CLOSURE	1 Ea.	\$184.20
-	01510-003	01510-001	FITTING, RINSE MOUNTING	1 Ea.	\$194.83
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01664-001	-	HOUSING, ROTATING RINSE	1 Ea.	\$345.52
-	01924-003	-	SPLASH GUARD	1 Ea.	\$275.65
-	01930-38-2	-	AIR/WATER SEPARATOR MOD KIT (only sold to Boeing)	1 Ea.	\$1,990.58
-	01938-000	-	SEAL OUTBOARD	1 Ea.	\$68.04
-	01940-007	01940-003	UPPER SEPARATOR BASKET ASSY	1 Ea.	\$830.53
-	01947-003	-	RING SENSOR MOUNTING INNER	1 Ea.	\$175.30
-	01948-003	-	CLAMP, SENSOR	1 Ea.	\$132.10
-	01949-003	-	RING RINSE MOUNTING INNER	1 Ea.	\$148.62
-	01950-003	-	CLAMP, MOUNTING FLANGE	1 Ea.	\$147.36
-	01951-001	-	SEAL INBOARD	1 Ea.	\$68.04
-	01952-007	-	WASTE INLET FLANGE	1 Ea.	\$289.63
-	01952-009	-	FLANGE WASTE INLET	1 Ea.	\$279.68
-	01953-003	-	ELBOW INLET	1 Ea.	\$412.84
-	01956-003	01956-000	LOWER SEPARATOR BASKET ASSY	1 Ea.	\$857.43
-	01957-005	-	RING INNER DRAIN	1 Ea.	\$312.06
-	01958-009	-	CLAMP OUTER DRAIN	1 Ea.	\$412.79
-	01962-011	-	UPPER POLAR CAP ASSY	1 Ea.	\$246.43
2-256-S317-60	91302-256	-	O-RING, END	1 Ea.	\$18.95
2-267-S317-60	91302-267	-	O-RING, CAP	1 Ea.	\$42.07
2-234-N674-70	91320-234	-	O-RING, INLET	1 Ea.	\$8.37
2-329-N674-70	91320-329	-	O-RING, RINSE	1 Ea.	\$7.62
MS51959-34	93506-034	-	SCREW, RINSE	1 Ea.	\$5.69
-	93513-136	-	1/4-28 X 2.00" LONG STUD	1 Ea.	\$4.39
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
AN960-XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
AN960-C6	93516-512	-	WASHER, FLAT, NO. 6	1 Ea.	\$2.05
-	93571-305	-	SCREW, SPLASH GUARD	1 Ea.	\$0.77
ANSIB18.6.3	93647-119	-	SCREW, SENSOR	1 Ea.	\$5.69
523225A-438-Z	93824-002	-	V-BAND CLAMP, RINSE	1 Ea.	\$378.57
5232A376Z	93824-003	-	CLAMP, V BAND, INLET	1 Ea.	\$416.92
523228A-900-Z	93824-004	-	CLAMP, V BAND, CAP	1 Ea.	\$613.63
-	02066-001	-	MOD KIT 737-2 WASTE TANK SERVICE BULLETIN	1 Ea.	\$1,552.80

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

Length: 69.43"

Diameter: 24.46" FWD, 16.76 AFT

Weight: 70 lbs

Current CMM & IPL: 38-32-12 Rev 12 (18 Feb 2021)

Shipping Data: 80 X 30 X 33, 100 lbs

*Price does not include sensor assemblies



ALBANY PROPRIETARY INFORMATION

Use or disclosure of this data is subject to the restriction on Page 1 of this document.

Boeing 747-8F Vacuum Waste Tanks

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S417U101-2	02303-007	02303-005; S417U101-1	WASTE TANK (50 GAL)*	1 Ea.	\$41,727.41
-	00074-000	2170-049	SEAL, WASTE INLET	1 Ea.	\$243.89
-	00083-002	2170-065-2	FILTER CANISTER, ASSEMBLY	1 Ea.	\$546.22
-	00090-001	2170-081-1	GASKET, RINSE SYSTEM	1 Ea.	\$2.84
-	00091-005	2170-082-3	OUTER BOWL AND SHROUD	1 Ea.	\$763.15
-	00392-019	-	UPPER POLAR CAP ASSEMBLY	1 Ea.	\$1,047.29
-	01306-005	01306-003	FITTING, MOUNTING, RINSE AND CLOSEOUT	1 Ea.	\$215.96
-	01471-005	-	TUBE INLET	1 Ea.	\$319.50
-	01472-005	-	POLAR CAP ASSY, LOWER	1 Ea.	\$860.52
-	01510-003	01510-001	FITTING, RINSE MOUNTING	1 Ea.	\$194.83
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01664-001	-	HOUSING, ROTATING RINSE	1 Ea.	\$345.52
-	01700-005	-	INTERIOR INLET ELBOW	1 Ea.	\$63.55
-	02152-001	-	CAUTION LABEL WASTE TANK	1 Ea.	\$33.14
-	02315-001	-	FLANGE POSILOCK SENSOR OUTER	1 Ea.	\$28.93
-	02316-001	-	FITTING, CLAMP MOUNTING	1 Ea.	\$29.15
-	02317-001	-	FLANGE, SENSOR, INNER	1 Ea.	\$33.65
2-376-S317-60	91302-376	-	O-RING, END POLAR CAP	1 Ea.	\$18.95
AS568-275-S59-70	91318-275	-	O-RING, POLAR CAP	1 Ea.	\$47.76
2-329-N674-70	91320-329	-	O-RING, RINSE	1 Ea.	\$7.62
MS51959-33	93506-033	-	SCREW, COUNTERSINK	1 Ea.	\$2.08
MS51959-34	93506-034	-	SCREW, RINSE	1 Ea.	\$5.69
-	93513-135	-	1/4-28X1 3/4" LONG STUD	1 Ea.	\$2.31
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
-	93515-504	-	NUT SELF-LOCKING HEXAGON	1 Ea.	\$4.87
AN960-XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
MS15795-810	93517-810	-	WASHER, FLAT	1 Ea.	\$0.71
643208A-1137-A	93518-003	-	V-BAND CLAMP, POLAR CAP	1 Ea.	\$374.86
523225A-438Z	93824-002	-	V-BAND CLAMP, RINSE	1 Ea.	\$378.57

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

Length: 36.99"
Diameter: 31.16"
Weight: 43.5 lbs

Current CMM & IPL: 38-32-10 Rev 17 (27 Jan 2020)
Shipping Data: 50 X 37 X 36, 80 lbs
*Price does not include sensor assemblies



Boeing 747-400 Vacuum Waste Tanks (ATLS)

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S417T103-33	01478-015	S417T103-21; 01478-013	TANK, WASTE (63 GAL)*	1 Ea.	\$37,866.76
S417T103-34	01478-016	01478-010; 01478-014	TANK, WASTE (83 GAL)*	1 Ea.	\$39,050.11
-	00068-005	2170-025	RING, MOUNTING SENSOR	1 Ea.	\$101.18
-	00083-002	2170-065-2	FILTER CANISTER, ASSEMBLY	1 Ea.	\$546.22
-	00090-001	2170-081-1	GASKET, RINSE SYSTEM	1 Ea.	\$2.84
-	00091-005	2170-082-3	OUTER BOWL AND SHROUD	1 Ea.	\$763.15
-	00392-015	2170-089-9; 00392-009	POLAR CAP, ASSY, UPPER (PLASTIC INLET)	1 Ea.	\$1,056.84
-	01306-005	-	FITTING, MOUNTING, RINSE AND CLOSEOUT	1 Ea.	\$215.96
-	01307-003	01307-000	FLANGE, MOUNTING	1 Ea.	\$284.54
-	01472-003	01472-000	POLAR CAP ASSY, LOWER	1 Ea.	\$868.87
-	01509-003	01509-001	FLANGE, MOUNTING, CLAMP	1 Ea.	\$256.60
-	01510-003	01510-001	FITTING, RINSE MOUNTING	1 Ea.	\$194.83
-	01520-003	01520-001	CAP COVER, CLOSEOUT	1 Ea.	\$213.31
-	01590-005	-	INLET TEE	1 Ea.	\$311.21
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01664-001	-	HOUSING, ROTATING RINSE	1 Ea.	\$345.52
-	01700-005	-	INTERIOR INLET ELBOW	1 Ea.	\$63.55
2-376-S317-60	91302-376	-	O-RING, END POLAR CAP	1 Ea.	\$18.95
AS568-275-S59-70	91318-275	-	O-RING, POLAR CAP	1 Ea.	\$47.76
2-329-N674-70	91320-329	-	O-RING, RINSE	1 Ea.	\$7.62
2-039E515-80	91322-001	-	O-RING, RINSE CLOSEOUT	1 Ea.	\$17.01
-	93500-103	-	STUD	1 Ea.	\$4.49
MS51959-33	93506-033	-	SCREW, COUNTERSINK	1 Ea.	\$2.08
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
MS21044-C06	93515-502	-	NUT, SELF-LOCKING, NO. 6-32	1 Ea.	\$2.68
AN960-XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
AN960-C6	93516-512	-	WASHER, FLAT, NO. 6	1 Ea.	\$2.05
643208A-1137-A	93518-003	-	V-BAND CLAMP, POLAR CAP	1 Ea.	\$374.86
523225A-438-Z	93824-002	-	V-BAND CLAMP, RINSE	1 Ea.	\$378.57

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

63 Gallon:
Length: 35.13"
Diameter: 28.81"
Weight: 51 lbs
Current CMM & IPL: 38-32-10 Rev 17 (27 Jan 2020)
Shipping Data: 56 X 37 X 36", 80 lbs
*Price does not include sensor assemblies

83 Gallon:
Length: 42.83"
Diameter: 28.81"
Weight: 54 lbs
Current CMM & IPL: 38-32-10 Rev 17 (27 Jan 2020)
Shipping Data: 58 X 37 X 36", 90 lbs
*Price does not include sensor assemblies



Boeing 757-300 Vacuum Waste Tanks

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S417T103-35	02024-003	02024-001	TANK, WASTE (63 GAL)*	1 Ea.	\$41,356.89
-	00068-005	2170-025	RING, MOUNTING SENSOR	1 Ea.	\$101.18
-	00083-002	2170-065-2	FILTER CANISTER, ASSEMBLY	1 Ea.	\$546.22
-	00090-001	2170-081-1	GASKET, RINSE SYSTEM	1 Ea.	\$2.84
-	00091-005	2170-082-3	OUTER BOWL AND SHROUD	1 Ea.	\$763.15
-	00392-015	2170-089; 00392-009	POLAR CAP, ASSY, UPPER (PLASTIC INLET)	1 Ea.	\$1,056.84
-	00393-009	2170-090-5; 00393-005	POLAR CAP ASSY LOWER	1 Ea.	\$847.94
-	01306-005	01306-003	FITTING, MOUNTING, RINSE AND CLOSEOUT	1 Ea.	\$215.96
-	01307-003	01307-000	FLANGE, MOUNTING	1 Ea.	\$284.54
-	01471-003	-	INLET TUBE	1 Ea.	\$289.63
-	01509-003	01509-001	FLANGE, MOUNTING, CLAMP	1 Ea.	\$256.60
-	01510-003	01510-001	FITTING, RINSE MOUNTING	1 Ea.	\$194.83
-	01520-003	01520-001	CAP COVER, CLOSEOUT	1 Ea.	\$213.31
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01663-001	01663-000	BRACKET, MOUNTING UPPER	1 Ea.	\$71.56
-	01664-001	-	HOUSING, ROTATING RINSE	1 Ea.	\$345.52
-	01699-003	01699-001	INLET TUBE	1 Ea.	\$289.63
-	02152-001	-	CAUTION LABEL WASTE TANK	1 Ea.	\$33.14
2-376-S317-60	91302-376	-	O-RING, END POLAR CAP	1 Ea.	\$18.95
AS568-275-S59-70	91318-275	-	O-RING, POLAR CAP	1 Ea.	\$47.76
2-329-N674-70	91320-329	-	O-RING, RINSE	1 Ea.	\$7.62
5-358-E515-80	91322-001	-	O-RING, RINSE CLOSEOUT	1 Ea.	\$17.01
-	93500-103	-	STUD	1 Ea.	\$4.49
MS51959-33	93506-033	-	SCREW, COUNTERSINK	1 Ea.	\$2.08
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
MS21044-C06	93515-502	-	NUT, SELF-LOCKING, NO. 6-32	1 Ea.	\$2.68
AN960-XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
AN960-C6	93516-512	-	WASHER, FLAT, NO. 6	1 Ea.	\$2.05
643208A-1137-A	93518-003	-	V-BAND CLAMP, POLAR CAP	1 Ea.	\$374.86
523225A-438-Z	93824-002	-	V-BAND CLAMP, RINSE	1 Ea.	\$378.57

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

Length: 35.13"

Diameter: 28.81"

Weight: 43.80 lbs

Current CMM & IPL: 38-32-11 Rev 17 (04 Dec 2020)

Shipping Data: 50 X 35 X 36, 80 lbs

*Price does not include sensor assemblies



ALBANY PROPRIETARY INFORMATION

Use or disclosure of this data is subject to the restriction on Page 1 of this document.

Boeing 767 Vacuum Waste Tanks (ATLS)

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S417T103-36	00059-039	00059-037	TANK, WASTE (58 GAL)*	1 Ea.	\$35,145.09
-	00068-005	2170-025; 00068-003	RING, MOUNTING SENSOR	1 Ea.	\$101.18
-	00069-000	-	GASKET	1 Ea.	\$43.82
-	00074-000	2170-049	SEAL, WASTE INLET	1 Ea.	\$243.89
-	00083-002	2170-065-2	FILTER CANISTER, ASSEMBLY	1 Ea.	\$546.22
-	00090-001	2170-081-1	GASKET, RINSE SYSTEM	1 Ea.	\$2.84
-	00091-005	2170-082-3	OUTER BOWL AND SHROUD	1 Ea.	\$763.15
-	00392-015	2170-089-9	POLAR CAP, ASSY, UPPER (PLASTIC INLET)	1 Ea.	\$1,056.84
-	00393-009	2170-090-5	POLAR CAP ASSY LOWER	1 Ea.	\$847.94
-	01306-005	01306-003	FITTING, MOUNTING, RINSE AND CLOSEOUT	1 Ea.	\$215.96
-	01307-003	01307-000	FLANGE, MOUNTING	1 Ea.	\$284.54
-	01471-003	-	INLET TUBE	1 Ea.	\$289.63
-	01509-003	01509-001	FLANGE, MOUNTING, CLAMP	1 Ea.	\$256.60
-	01510-003	01510-001	FITTING, RINSE MOUNTING	1 Ea.	\$194.83
-	01520-003	01520-001	CAP COVER, CLOSEOUT	1 Ea.	\$213.31
-	01590-005	-	INLET TEE	1 Ea.	\$311.21
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01664-001	-	HOUSING, ROTATING RINSE	1 Ea.	\$345.52
-	02152-001	-	CAUTION LABEL WASTE TANK	1 Ea.	\$33.14
2-376-S317-60	91302-376	-	O-RING, END POLAR CAP	1 Ea.	\$18.95
AS568-273S59-70	91318-273	-	O-RING, POLAR CAP	1 Ea.	\$64.82
AS568-275-S59-70	91318-275	-	O-RING, POLAR CAP	1 Ea.	\$47.76
2-329-N674-70	91320-329	-	O-RING, RINSE	1 Ea.	\$7.62
5-358-E515-80	91322-001	-	O-RING, RINSE CLOSEOUT	1 Ea.	\$17.01
-	93500-103	-	STUD	1 Ea.	\$4.49
MS51959-33	93506-033	-	SCREW, COUNTERSINK	1 Ea.	\$2.08
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
MS21044-C06	93515-502	-	NUT, SELF-LOCKING, NO. 6-32	1 Ea.	\$2.68
AN960-XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
AN960-C6	93516-512	-	WASHER, FLAT, NO. 6	1 Ea.	\$2.05
643208A-1137-A	93518-003	-	V-BAND CLAMP, POLAR CAP	1 Ea.	\$374.86
523225A-438-Z	93824-002	-	V-BAND CLAMP, RINSE	1 Ea.	\$378.57

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

Length: 33.23"
Diameter: 28.72"
Weight: 48 lbs

Current CMM & IPL: 38-32-08 Rev 20 (18 Oct 2019)
Shipping Data: 50 X 35 X 36, 80 lbs
*Price does not include sensor assemblies



Boeing 777 Vacuum Waste Tanks

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S417T103-31	01652-015	01652-011	WASTE WITH GROUNDING STUD (63 GAL)*	1 Ea.	\$39,168.44
S417T103-32	01652-017	01652-013	WASTE WITH GROUNDING STUD (83 GAL)*	1 Ea.	\$40,351.77
-	00068-005	2170-025; 00068-003	RING, MOUNTING SENSOR	1 Ea.	\$101.18
-	00083-002	2170-065-2	FILTER CANISTER, ASSEMBLY	1 Ea.	\$546.22
-	00090-001	2170-081-1	GASKET, RINSE SYSTEM	1 Ea.	\$2.84
-	00091-005	2170-082-3	OUTER BOWL AND SHROUD	1 Ea.	\$763.15
-	00392-015	2170-089-9	POLAR CAP, ASSY, UPPER (PLASTIC INLET)	1 Ea.	\$1,056.84
-	00393-009	2170-090-5; 00393-005	POLAR CAP ASSY LOWER	1 Ea.	\$847.94
-	01306-005	01306-003	FITTING, MOUNTING, RINSE AND CLOSEOUT	1 Ea.	\$215.96
-	01307-003	01307-000	FLANGE, MOUNTING	1 Ea.	\$284.54
-	01471-003	-	INLET TUBE	1 Ea.	\$289.63
-	01472-003	01472-000	POLAR CAP ASSY, LOWER	1 Ea.	\$868.87
-	01509-003	01509-001	FLANGE, MOUNTING, CLAMP	1 Ea.	\$256.60
-	01510-003	01510-001	FITTING, RINSE MOUNTING	1 Ea.	\$194.83
-	01520-003	01520-001	CAP COVER, CLOSEOUT	1 Ea.	\$213.31
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01663-001	01663-000	BRACKET, MOUNTING UPPER	1 Ea.	\$71.56
-	01664-001	-	HOUSING, ROTATING RINSE	1 Ea.	\$345.52
-	01699-003	01699-001	INLET TUBE	1 Ea.	\$289.63
-	02152-001	-	CAUTION LABEL WASTE TANK	1 Ea.	\$33.14
2-376-S317-60	91302-376	-	O-RING, END POLAR CAP	1 Ea.	\$18.95
AS568-273S59-70	91318-273	-	O-RING, POLAR CAP	1 Ea.	\$64.82
AS568-275-S59-70	91318-275	-	O-RING, POLAR CAP	1 Ea.	\$47.76
2-329-N674-70	91320-329	-	O-RING, RINSE	1 Ea.	\$7.62
5-358-E515-80	91322-001	-	O-RING, RINSE CLOSEOUT	1 Ea.	\$17.01
-	93500-103	-	STUD	1 Ea.	\$4.49
MS51959-33	93506-033	-	SCREW, COUNTERSINK	1 Ea.	\$2.08
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
MS21044-C06	93515-502	-	NUT, SELF-LOCKING, NO. 6-32	1 Ea.	\$2.68
AN960-XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
AN960-C6	93516-512	-	WASHER, FLAT, NO. 6	1 Ea.	\$2.05
643208A-1137-A	93518-003	-	V-BAND CLAMP, POLAR CAP	1 Ea.	\$374.86
523225A-438-Z	93824-002	-	V-BAND CLAMP, RINSE	1 Ea.	\$378.57

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

63 Gallon:

Length: 41.895"

Diameter: 31.16"

Weight: 47 lbs

Current CMM & IPL: 38-32-11 Rev 17 (04 Dec 2020)

Shipping Data: 50 X 37 X 36, 75 lbs

*Price does not include sensor assemblies

83 Gallon:

Length: 49.595"

Diameter: 31.16"

Weight: 53 lbs

Current CMM & IPL: 38-32-11 Rev 17 (04 Dec 2020)

Shipping Data: 58 X 37 X 36, 90 lbs

*Price does not include sensor assemblies



ALBANY PROPRIETARY INFORMATION

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Boeing 777F Vacuum Waste Tanks

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S417A881-5	02260-003	02260-001	TANK, WASTE (38 GAL)*	1 Ea.	\$42,126.77
-	00090-001	2170-081-1	GASKET, RINSE SYSTEM	1 Ea.	\$2.84
-	00135-001	32-T-006	END CLOSURE	1 Ea.	\$218.49
-	00136-003	32-T-007	RETAINING RING, POLAR CLOSURE	1 Ea.	\$184.20
-	01510-003	-	FITTING, RINSE MOUNTING	1 Ea.	\$194.83
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01664-001	-	HOUSING, ROTATING RINSE	1 Ea.	\$345.52
-	01940-007	-	UPPER SEPARATOR BASKET ASSY	1 Ea.	\$830.53
-	01947-003	-	RING SENSOR MOUNTING INNER	1 Ea.	\$175.30
-	01948-003	-	CLAMP, SENSOR	1 Ea.	\$132.10
-	01949-003	-	RING RINSE MOUNTING INNER	1 Ea.	\$148.62
-	01950-003	-	CLAMP, MOUNTING FLANGE	1 Ea.	\$147.36
-	01952-009	-	FLANGE WASTE INLET	1 Ea.	\$279.68
-	01956-003	-	LOWER SEPARATOR BASKET ASSY	1 Ea.	\$857.43
-	01957-007	-	RING INNER DRAIN	1 Ea.	\$355.43
-	01958-011	-	CLAMP OUTER DRAIN	1 Ea.	\$441.31
-	01962-011	-	UPPER POLAR CAP ASSY	1 Ea.	\$246.43
-	472W2705-1	-	FITTING, INLET	1 Ea.	\$80.36
2-256S317-60	91302-256	-	O-RING, END	1 Ea.	\$18.95
2-267S317-60	91302-267	-	O-RING, CAP	1 Ea.	\$42.07
2-329N674-70	91320-329	-	O-RING, RINSE	1 Ea.	\$7.62
-	91329-001	-	GASKET-O-SEAL	1 Ea.	\$207.84
-	93513-136	-	1/4-28 X 2.00" LONG STUD	1 Ea.	\$4.39
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
AN960XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
523225A438Z	93824-002	-	V-BAND CLAMP, RINSE	1 Ea.	\$378.57
523228A-900Z	93824-004	-	CLAMP, V BAND, CAP	1 Ea.	\$613.63
BACC10GY300E	93824-007	-	COUPLING VC1137A-300-A-E	1 Ea.	\$91.29

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

Length: 53.5"
Diameter: 71"
Weight: 42 lbs

Current CMM & IPL: 38-32-12 Rev 12 (18 Feb 2021)
Shipping Data: 63 X 30 X 32, 75 lbs
*Price does not include sensor assemblies



Boeing 777-9
Vacuum Waste Tanks (page 1 of 2)
Pending Aircraft Certification†

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
S472W004-1	02750-002	-	WASTE TANK (WITHOUT SENSORS) (138 GAL)*	1 Ea.	\$72,676.38
-	00135-001	-	END CLOSURE	1 Ea.	\$218.49
-	01593-021	-	RINSE NOZZLE, ROTATING	1 Ea.	\$627.11
-	01700-005	-	INTERIOR INLET ELBOW	1 Ea.	\$63.55
-	01952-009	-	FLANGE WASTE INLET	1 Ea.	\$279.68
-	02152-002	-	CAUTION LABEL WASTE TANK	1 Ea.	\$30.89
-	02709-005	-	UPPER SEPARATOR ASSEMBLY	1 Ea.	\$743.24
-	02710-001	-	LOWER SEPARATOR ASSEMBLY	1 Ea.	\$925.23
-	02763-001	-	SEPARATOR, OUTER PEDESTAL	1 Ea.	\$295.24
-	02764-001	-	SEPARATOR, INNER FITTING	1 Ea.	\$251.42
-	02765-001	-	SEPARATOR CAP	1 Ea.	\$238.00
-	02771-001	-	RINSE SUB ASSEMBLY (INCLUDES ALL PIECE PARTS, ASSEMBLED)	1 Ea.	\$2,740.75
-	02772-001	-	RINSE, STEM HOUSING	1 Ea.	\$262.16
-	02773-001	-	RINSE, OUTER FITTING	1 Ea.	\$92.65
-	02774-001	-	RINSE, INNER FITTING	1 Ea.	\$154.73
-	02775-001	-	SENSOR, OUTER FITTING	1 Ea.	\$150.05
-	02776-001	-	SENSOR, INNER FITTING	1 Ea.	\$138.17
-	02777-001	-	DRAIN, INNER FITTING	1 Ea.	\$163.37
-	02778-001	-	DRAIN, OUTER FITTING	1 Ea.	\$108.55
-	02779-001	-	DRAIN, OUTER BARREL FITTING	1 Ea.	\$551.97
-	02781-001	-	POLAR CAP, STRUT ATTACH FITTING, FWD	1 Ea.	\$4,866.91
-	02781-002	-	POLAR CAP, STRUT ATTACH FITTING, AFT	1 Ea.	\$4,866.91
-	02782-001	-	LIFTING STANDOFF	1 Ea.	\$92.12
-	02783-001	-	LABEL, WASTE TANK, IDENTIFICATION, RFID	1 Ea.	\$380.16
-	02784-001	-	GUARD, SPLASH	1 Ea.	\$364.49
-	02785-001	-	PLACARD, CAUTION, 2 PERSON LIFT	1 Ea.	\$16.63
-	02785-002	-	PLACARD, WARNING, BIOHAZARD	1 Ea.	\$21.38
-	02785-003	-	PLACARD, NOTICE, LIFT POINT	1 Ea.	\$16.63
-	02785-004	-	PLACARD, WARNING, NOT A LIFT POINT	1 Ea.	\$21.38
-	02785-005	-	PLACARD, WASTE TANK, IDENTIFICATION	1 Ea.	\$33.26
-	02785-006	-	LABEL, FT STAMP	1 Ea.	\$2.38
-	02786-001	-	SEAL, INLET	1 Ea.	\$262.66
-	90779-108	-	LOOP FASTENER 1" LG	1 Ea.	\$37.42
2-256S317-60	91302-256	-	O-RING, END	1 Ea.	\$18.95
2-267S317-60	91302-267	-	O-RING, CAP	1 Ea.	\$42.07
-	91320-212	-	O-RING, NITRILE	1 Ea.	\$3.27
-	91320-227	-	NITRILE O-RING	1 Ea.	\$9.82
MS51959-30	93506-030	-	SCREW	1 Ea.	\$2.30
MS51959-33	93506-033	-	SCREW, COUNTERSINK	1 Ea.	\$2.08
-	93513-136	-	1/4-28 X 2.00" LONG STUD	1 Ea.	\$4.39
AN924-12J	93514-212	-	NUT, RINSE	1 Ea.	\$27.42
-	93515-504	-	NUT SELF-LOCKING HEXAGON	1 Ea.	\$4.87
-	93515-525	-	NET SELF-LOCKING HEXAGON	1 Ea.	\$8.06
AN960XC1716	93516-453	-	WASHER, FLAT 1-1/16 METAL	1 Ea.	\$12.78
AN960-C6	93516-512	-	WASHER, FLAT, NO. 6	1 Ea.	\$2.05

ALBANY PROPRIETARY INFORMATION

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Boeing 777-9
Vacuum Waste Tanks (page 2 of 2)

Pending Aircraft Certification†

BOEING/INDUSTRY PART NO.	CURRENT ALBANY PART NO.	PREVIOUS ALBANY PART NO.	DESCRIPTION	QTY.	PRICE (USD)
MS15795-810	93517-810	-	WASHER, FLAT	1 Ea.	\$0.71
-	93571-305	-	SCREW, SPLASH GUARD	1 Ea.	\$0.77
-	93647-043	-	SCREW, PAN HEAD, .138-32 Unc-2a X .375 L	1 Ea.	\$0.46
-	93647-057	-	SCREW, PAN HEAD, .138-32 Unc-2a X .438 L	1 Ea.	\$9.98
523228A900Z	93824-004	-	CLAMP, V BAND, CAP	1 Ea.	\$613.63
-	96028-001	-	RINSE HOSE ASSEMBLY	1 Ea.	\$1,010.99
-	96032-001	-	WIRE TIE MOUNT BRACKET	1 Ea.	\$4.77
-	BACB30NT2K3	-	TIT BOLT, PAN HEAD, CRS REC, 164-32 Unjc-	1 Ea.	\$6.59
-	NAS1130-08L20D	-	HELICAL INSERT, LOCKING, Ø.164-32 X2D	1 Ea.	\$6.00
-	NAS1130-3L10D	-	HELICAL INSERT, LOCKING, Ø.190-32 X1D	1 Ea.	\$3.93
-	NAS1149CN863R	-	WASHER, FLAT, Ø.164 X .063 Thk	1 Ea.	\$0.80

Refer to the current CMM & IPL listed for any spare/repair parts not listed here.

Length: 59.78"
 Diameter: 31.23"
 Weight: 85 lbs
 †Pending PMA Approval

Current CMM & IPL: 38-32-11 Rev 17 (04 Dec 2020)
 Shipping Data: 67 X 38 X 47, 170 lbs
 *Price does not include sensor assemblies

† SPARES SALES: Once Boeing has received the aircraft certification (currently estimated for 2025), Albany will begin accepting orders for spares. The initial lead time for spares orders will be 6 months. Contact Albany's Primary Contact (on page 2 of this catalog) for more information regarding certification and current manufacturing lead times.



Conditions of Sale

Tank Spare Products and Repairs

This Agreement is made by and between Albany Aerostructures Composites LLC, a wholly-owned subsidiary of Albany Engineered Composites, Inc. ("Albany") and the Purchaser or Buyer ("Buyer"). "Purchase Order" or "Order" means this contractual instrument, or any purchase order issued hereunder, including written change notices, supplements, amendments, or other written modifications thereto, together with any referenced certifications, certificates, exhibits, attachments, or other documents. "Product" or "Products" means tank spare products including, without limitation, those part numbers, model numbers, and/or descriptions set forth on the face of this Order and any services supplied with them delivered or to be delivered under this Order. "Repair" or "Repairs" means repair of tanks either originally sold by Albany or a third party, which Albany is authorized to perform repairs on. Albany and Buyer may also each be referred to herein as a "Party" and collectively as the "Parties."

1. ACCEPTANCE OF PURCHASE ORDER:

Unless and until a formal written acceptance signed by a person authorized by Albany is received by Buyer, no Purchase Order will become effective as a valid Order binding upon Albany. Electronic signature of a duly authorized individual from Albany is evidence of Albany's acceptance of Purchase Order. This Purchase Order supersedes any prior offers or agreements concerning the subject matter hereof and the provisions herein constitute the entire agreement between the Parties. Acceptance of this Purchase Order is subject exclusively to Albany's Conditions of Sale for Tank Spare Products and Repairs. Additional or modified terms or conditions proposed by Buyer or included in Buyer's acknowledgment or contained on the face or reverse side of the Order or any attachment or referenced attachment thereto or any prior general agreement inconsistent with this Purchase Order are hereby expressly rejected by Albany and have no effect unless expressly accepted in writing by Albany.

2. PRICES AND MINIMUM PURCHASE ORDER:

Unless otherwise specified, prices are for the specific quantity stated and do not include taxes or charges for transportation, engineering documentation, special packaging, or special marking. Unless otherwise specified elsewhere in Albany's quote, prices are subject to change without notice at any time prior to formal

acceptance of this Order. Orders may be subject to minimum dollar Order requirements.

3. TAXES:

Unless prohibited by statute, Buyer agrees to pay Albany the amount of any Federal, State, City, or other tax which the Albany may be required to pay on account of the ownership at the place of installation, or the manufacture, transportation, sale or use of the Product which is the subject of this Order.

4. PAYMENT TERMS:

Unless otherwise stated, terms are net 30 days from date of invoice or as otherwise delineated by Albany in the quote/Order, subject to approval by Albany of amount and terms of credit. Albany reserves the right to require partial or full payment in advance or C.O.D., Letters of Credit, and otherwise modify credit terms. When partial shipments are made, payments therefore shall become due in accordance with the designated terms, upon submission of invoices therefore.

5. SCHEDULING:

Albany will use its best efforts to fill all Orders. If any conditions arise which prevent compliance with delivery schedules, Albany shall make its best effort to advise of any delay in delivery. The Parties agree that Albany shall not be liable for any damages, general, consequential or otherwise as a result in delay in delivery, or for failure to give notice of any delay in delivery.

6. DELIVERY:

All Deliveries shall be governed by INCOTERMS 2010 and will be made EXW Albany factory for domestic Orders and FCA Albany factory for international Orders unless otherwise specified. In the absence of specific instructions, Albany will select the carrier. Title to material shall pass to Buyer upon delivery thereof by Albany to the carrier or delivery service. Thereupon the Buyer shall be responsible therefore. Products held for Buyer, or stored for Buyer, shall be at the risk, and expense of Buyer. If, at the request of Buyer, shipments are postponed more than 30 days, invoices therefore shall become due 30 days after notice that Products are ready for shipment.

7. STORAGE:

Albany reserves the right to store Products in a warehouse for the account and at the risk of the Buyer after the Products or any substantial portion thereof is ready for shipment, provided

shipment cannot be made for either of the following reasons: (1) if instructions for shipment or delivery are not received by Albany within a reasonable time after Albany has provided the Buyer notice of readiness to ship; or (2) if Albany is prevented from making shipment or delivery in accordance with instructions of the Buyer by reason of any governmental law or regulation or any other cause beyond the control of Albany. At the time of such delivery of Products to a warehouse, title thereto shall pass to the Buyer and thereupon Albany's responsibility ceases except for the provisions of the warranty and except for adjustment in price for any differences between the cost of delivery to the storage warehouse and the cost of shipment or delivery in accordance with the terms otherwise agreed upon.

8. PACKAGING AND MARKING:

Albany will package and label Products for shipment in accordance with Albany's standard commercial practice. Product markings will be in accordance with Albany's standard procedures as of the date of this Order.

9. QUALITY CONTROL AND FINAL ACCEPTANCE:

Prices are based on quality levels commensurate with normal processing; the Albany business unit is currently AS9100D and ISO 9001:2015 certified. If a different quality level is required, Buyer must specify the requirements and pay any additional costs that may be applicable. Albany shall perform inspections, quality control and Production tests in accordance with Albany's normal standards and procedures. Final acceptance of the Product shall be accomplished by furnishing the Buyer a Certificate of Conformance. Title to the Product shall pass to the Buyer at the time of final acceptance or Delivery, whichever is later.

10. PRODUCT WARRANTY:

Subject to the conditions hereinafter stated, Albany warrants that at time of delivery to the carrier, all Products will conform to the requirements of the Order, including but not limited to the applicable descriptions, the applicable Specification Control Document(s) and drawing(s); be free from defects in material workmanship, and design, including the selection of materials and process of manufacture; and be fit for the intended purpose. Product Warranty conditions are as follows:

A. For new tank spare Products, Albany's obligation under this warranty shall be limited to (1) repairing, or (2) replacing at its

factory, or (3) allowing an equitable credit for any Product, which upon inspection and in the judgment of Albany, is defective in material, workmanship or design, provided that Albany is notified of any such defect or nonconformance within forty-eight (48) months of the date of shipment of the affected Product for 737, 747, and 777 series aircraft Products and within thirty-six (36) months of the date of shipment of the affected Product for all other aircraft Products. For Repairs and/or rotatable tanks, Albany's obligation under this warranty shall be limited to (1) repairing, or (2) allowing an equitable credit for any Repair, which upon inspection and in the judgment of Albany, is defective in material or in workmanship, provided that Albany is notified of any such defect or nonconformance within twelve (12) months of the date of shipment of the repaired product. Tank repair warranties are strictly limited to the repair work as performed by Albany. No Product will be accepted for repair, replacement or credit adjustment without the written Return Material Authorization ("RMA") of AAC. Upon such authorization, and only in accordance with instructions of AAC, Products for which adjustment is requested shall be returned to AAC for examination with all shipping charges prepaid by the Buyer. Such Products shall be packed in the original shipping container or in a manner substantially equal to the original packing used by AAC. The return package shall include a copy of the RMA and a brief description of the reason for return. Failure to include this documentation or to package correctly may void this warranty. If such Products, after examination by AAC, are found to be defective, then credit will be allowed for the shipping charges paid by the Buyer.

B. No Product will be accepted for repair, replacement or credit adjustment without the written Returned Authorization ("RA") of Albany. Upon such authorization, and only in accordance with instructions of Albany, Products for which adjustment is requested shall be returned to Albany for examination with all shipping charges prepaid by the Buyer. Such Products shall be packed in the original shipping container or in a manner substantially equal to the original packing used by Albany. The return package shall include a copy of the RA and a brief description of the reason for return. Failure to include this documentation or to package

correctly may void this warranty. If such Products, after examination by Albany, are found to be defective, then credit will be allowed for the shipping charges paid by the Buyer.

C. In the event that the Product appears to have been damaged in transit, Albany shall notify Buyer in a timely manner permitting the Buyer to file a claim against the carrier.

D. In the event that, pursuant to paragraph (A) above, Albany elects not to repair or replace any such defective Product, Albany will refund the purchase price (inclusive of any documented shipping charges paid by Buyer) and Albany shall have no further obligation hereunder with respect to the defective Product.

E. This warranty does not extend to any Product which has been subject to misuse, neglect, accident, operation outside of the Products maximum/minimum ratings, improper application or installation, use in violation of instructions furnished by Albany, or has had its product markings altered, defaced or removed. The warranty does not extend to or apply to any Product which has been repaired or altered at any place other than at Albany's factory by persons not expressly approved by Albany.

F. Returned Products which are found by Albany to be non-warrantable for the reasons listed above will be subject to a handling charge of 10% of the original purchase price billable to the Buyer.

G. The foregoing warranty is in lieu of and excludes all other expressed or implied warranties, including any warranty of merchantability or warranty of fitness for any particular use. Albany will not be liable for any special, incidental or consequential damages, or for loss, damages, or expense directly or indirectly arising from the use of the product or any inability to use them either separately or in combination with any other equipment or material or from any other cause. In no event will Albany be liable to buyer for any amount in excess of the purchase price of the product which proves to be defective.

11. INTELLECTUAL PROPERTY:

Buyer agrees and acknowledges that all intellectual property rights to the Products sold

hereunder, including but not limited to patent rights and trademark rights, remain the property of Albany (or 3rd parties, as applicable) and that no rights are granted to Buyer in or to such intellectual property rights, except as specifically provided under these Conditions of Sale. Buyer agrees that it shall not take action against or otherwise challenge Albany ownership of intellectual property rights in or to the Products.

12. REVERSE ENGINEERING:

Buyer agrees that it shall not modify, disassemble, decompile, deconstruct or otherwise in an attempt to reverse engineer the Products, and that any attempt by the Buyer to do so will constitute a breach of this Agreement.

13. PATENT INDEMNITY:

A. By Albany to Buyer: Albany agrees to indemnify and hold harmless the Buyer from and against all legal expenses which may be incurred as well as damages and costs (except any consequential, incidental and special damages and costs) which may be finally assessed against the Buyer in any action for infringement of any United States Letters Patent by the Products delivered to Buyer hereunder; provided that the Buyer shall give Albany prompt written notice of any action, claim or threat alleging that any Products sold by Albany hereunder infringes a U.S. patent; and provided Buyer shall give Albany the opportunity to elect to take over, settle or defend any such claim, action or suit through counsel of Albany's own choice and under its sole direction, and at its sole expense; and provided that in the event Albany elects to take over, defend or settle same, Buyer will provide all reasonable assistance and make available to Albany all defenses against any such claim, action, suit or proceeding known to or available to Buyer; and provided further that Albany shall have the right to substitute for any such Product or any part thereof claiming to infringe the patent rights of others, non-infringing Products of substantially similar functionality. If the use of any such Product or any part thereof should be enjoined, Albany shall have the right at its own expense to take any of the following courses of action:

- 1) To procure for Buyer the right to continue using such Product; or
- 2) To replace said Product with a non-infringing Product; or
- 3) To modify the Product so that it becomes non-infringing; or

4) To remove said Product and refund the purchase price and the transportation and installation costs thereof. Limitation: The foregoing provisions as to patent protection by Albany to Buyer shall not apply to any of the following:

- a) To any Products manufactured to the design or specifications furnished by the Buyer.
- b) To Buyer's Purchase Order for special non-commercial Products which Albany has not sold or offered for sale to the public on the open commercial market.
- c) To any infringement occasioned by modification by Buyer for any Product without Albany's written consent, or any infringement arising from the use of a Product in combination with any adjunct or device used or added by the Buyer without Albany's written permission.

B. Patent Indemnity by Buyer to Albany:
To the extent that Products delivered hereunder are manufactured pursuant to detailed designs or specifications furnished by Buyer, Buyer agrees to indemnify Albany and hold Albany harmless from all legal expenses which may be incurred as well as all damages and costs which may

finally be assessed against Albany in any action for infringement of any United States Letters Patent by such Products delivered hereunder. Albany agrees promptly to inform the Buyer of any claim for liability made against Albany with respect to such Products and Albany agrees to cooperate with the Buyer in every way reasonably available to facilitate the defense against any such claim.

14. SUBSTITUTIONS AND MODIFICATIONS:

Albany reserves the right to modify the design, configuration or specifications of equipment Ordered by the Buyer; however, such modifications will not materially affect the performance, form, fit or function.

15. TOOLING:

Unless otherwise expressly provided, Albany shall retain title to and possession of any models, patterns, dies, molds, jigs, fixtures, tools, and test equipment made for or obtained for the performance of this Order.

16. SUSPENSION OF SHIPMENT:

Buyer and Albany understand and agree that each Party must comply with all applicable laws and regulations that affect this Order including but not limited to exports or transfer of defense articles or defense services to non-US persons.





Buyer and Albany further agree that upon Albany's reasonable belief that Buyer has failed to comply with all applicable law and regulatory requirements, Albany may suspend shipments to Buyer to allow Albany sufficient time to investigate the facts and circumstances and that Albany shall not be liable for any cost, damages or penalties as a result of such action.

17. COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS:

Albany warrants that in the performance of this Order, it has complied with or will comply with all applicable Federal, State and Local laws and ordinances and all lawful Orders, rules and regulations thereunder, including but not by way of limitation, the applicable provisions of the Fair Labor Standards Act of 1938 as amended (29 U.S.C. Sec. 201-219) and the Occupational Safety and Health Act of 1970 and all regulations and standards and any amendments issued pursuant thereto. Albany further warrants that the materials, supplies and equipment furnished hereunder comply with the above referenced laws and regulations.

18. GOVERNING LAW AND FORUM:

Any disputes under this Order that are not disposed of by mutual agreement of the Parties may be decided by recourse to an action at law or in equity. Until final resolution of any dispute hereunder, Albany shall diligently proceed with performance of this Order as directed by Buyer. Any dispute over any question of fact or law arising under this Order shall be governed by the laws of the State of New York. Buyer consents to personal jurisdiction in New York and any litigation under this Order, if commenced by Buyer, must be brought exclusively in a Court of competent jurisdiction in the State of New York, without regard to conflicts of law principles. The parties hereby mutually agree to waive their respective rights to trial by jury. The rights and remedies herein reserved to Albany shall be cumulative and additional to any other or further rights and remedies provided in law or equity.

19. EXPORT CONTROL:

The Buyer hereby acknowledges receipt of notice that some or all of the Products and/or technical data provided or exchanged pursuant to this Purchase Order may fall under the export

control of International Traffic in Arms (ITAR) regulations, 22 CFR sections 120 – 130, or the Export Administration Regulations (EAR), 15 CFR sections 768 - 799. The Buyer acknowledges that these statutes and regulations impose restrictions on the import, export, and/or transfer to foreign persons or entities of certain categories of Products or technical data and that licenses from the U.S. Department of State and/or the U.S. Department of Commerce may be required before such Products or technical data can be provided to non-U. S. Persons. Accordingly, the Buyer shall not disclose, provide or export such controlled Products and/or information to any foreign person or entity, whether within the U.S. or abroad, without obtaining appropriate export authorization in advance. The Buyer understands and acknowledges its awareness that intentional violation of such export requirements may constitute a crime.

20. EXPORT AUTHORIZATION(S) AND PERMIT REQUIREMENTS: (Applicable only for Orders direct with and delivered to non-U.S. Persons).

A. Unless otherwise mutually agreed upon between Albany and Buyer, Albany will secure all export authorization(s) and permits required by the United States Government and Buyer will furnish reasonable cooperation in acquiring such authorization(s) and permits. Buyer agrees to provide Albany the necessary support documentation and data as required by Albany or the United States Government in support of Albany's export authorization request(s). Any Order requiring export authorization from the U.S. Government does not become effective unless and until Albany receives the required export license(s) and is void if such export licenses cannot be obtained.

B. Buyer will secure all necessary import licenses and permits required by any foreign government and Albany will furnish reasonable cooperation in acquiring such licenses and permits.

C. For all Orders subject to export authorization, the delivery schedule stated in the Order acknowledgement is an estimated delivery date based the expected receipt and continuation of all required export authorization(s) or permit(s). The delivery schedule is contingent upon securing and retaining all necessary export authorization(s) and permits. Failure to

obtain or the U. S. Government's withdrawal of the required export authorization(s) or permit(s) necessary for delivery within the time set forth in the Order, and without the fault or negligence of Albany shall occasion an equitable adjustment in the delivery schedule.

D. Buyer shall provide post-export authorization support to Albany as required by the U.S. Government in the form of delivery acknowledgment/ confirmation receipts, agreements regarding loss-theft notifications, and other such provisos as appended to the U.S. Government export authorization(s) and subsequently advised to the Buyer by Albany.

E. Buyer shall indemnify and hold harmless Albany, it's agents and representatives from all losses, costs, damages and claims related to Buyer's failure to comply with all required US Government and foreign government import and export requirements and regulations associated with the return of any Products to Albany.

F. As consideration for Albany commencing work on this Purchase Order prior to receiving any necessary export approvals, Buyer agrees to pay a 15% restocking fee in the event the US Government denies any export license application that may be required for this Purchase Order, provided that such denial is not a result of Albany's actions or inaction.

21. CURRENCY:

Unless otherwise specified or agreed, all prices quoted are payable in U.S. Dollars. Additional separate charges may be made for duties, taxes, packaging, shipment and packing for export.

22. TERMINATION:

In the event of a complete or partial termination (cancellation) of this Order for the convenience of Buyer, Buyer shall be liable for the following: (1) the selling price of all non-divertable completed Product and/or services; (2) the cost, including overhead and a reasonable profit, of all non-divertable work-in-process; (3) settlement costs directly related to the termination including but not limited to administrative, storage, and transportation expenses, if any; and (4) in the case of a partial termination or cancellation, an upward price adjustment for quantities and/or services remaining after the termination to reflect the appropriate quantity-price break difference.

23. FORCE MAJEURE:









The following events shall constitute Force Majeure under any resulting Order: (a) acts of God or of a public enemy; (b) acts of Government; (c) fires; (d) floods; (e) epidemics; (f) quarantine restrictions; (g) strikes; (h) work stoppages; (i) freight embargoes; (j) unusually severe weather conditions; (k) failure of the U.S. Government to issue or the withdrawal of any required export authorization(s) or permit(s) necessary to perform this Purchase Order and (k) other events entirely beyond the control and without fault or negligence of the Parties that may impact performance. Each Party shall give the other notice, as soon as reasonably possible, that such Party claims a Force Majeure condition that would prevent the Party from performing its obligations hereunder, and of the cessation of the condition. A Party's notice under this clause shall include the Party's good faith estimate of the likely duration of the Force Majeure condition.








24. INDEMNIFICATION AND LIMITATION OF LIABILITY:












To the extent not covered by the patent indemnity provision in article 12, buyer shall, without limitation, defend, indemnify, save, and hold harmless Albany and its officers, directors, employees and agents from and against every third party claim of liability, allegation, judgment, cost, expense, attorneys' fees, cause of action, loss or damages whatsoever, including special, indirect, and consequential damages arising from the products supplied by Albany, or its employees, subcontractors, and lower tier subcontractors, pursuant to this order, including, without limitation, latent defects in such products, except to the extent that such injury, death, loss or damage is caused solely and directly by the negligence of Albany.



Air / Water Separator Assemblies

UPPER SEPARATOR BASKET ASSY (01940-007)		
 TOP VIEW	 BOTTOM VIEW	 SIDE VIEW
LOWER SEPARATOR BASKET ASSY (01956-003)		
 TOP VIEW	 BOTTOM VIEW	 SIDE VIEW
TANKS THESE PARTS ARE USED ON		
ALBANY PART NUMBER	BOEING MODEL NUMBER	TANK IMAGE
01930-011	737-600 737-700 737-800 737-MAX	
02260-003	777F	

UPPER SEPARATOR ASSY (02709-005)		
 TOP VIEW	 BOTTOM VIEW	 SIDE VIEW
LOWER SEPARATOR ASSY (02710-001)		
 TOP VIEW	 BOTTOM VIEW	 SIDE VIEW
TANKS THESE PARTS ARE USED ON		
ALBANY PART NUMBER	BOEING MODEL NUMBER	TANK IMAGE
02750-002	777-9	

FILTER CANISTER ASSY (00083-002)		
 TOP VIEW	 BOTTOM VIEW	 SIDE VIEW
OUTER BOWL AND SHROUD ASSY (00091-005)		
 TOP VIEW	 BOTTOM VIEW	 SIDE VIEW
TANKS THESE PARTS ARE USED ON		
ALBANY PART NUMBER	BOEING MODEL NUMBER	TANK IMAGE
02303-007	747-8F	
01478-015 01478-016	747-400	01478-015 Image Not Available 
02024-003	757-300	
00059-039	767	
01652-015 01652-017	777	

Example of Filtration System Assembly



Outer Bowl & Shroud



Outer Bowl & Shroud Installed



Filter Canister Assembly



Filter Canister Assembly Installed



Upper Polar Cap



Upper Polar Cap Installed



Albany Engineered Composites

- Unparalleled Breadth of Design
- Sophisticated Manufacturing
- Rapid Industrialization

Your Composite Solution



AEC facilities

Rochester, NH Campus (USA)

- Headquarters
- Research, Technology and Development Center
- Production Facilities

Boerne, TX Campus

- Production Facility

Kaiserslautern, Germany

- Production Facility

Salt Lake City, UT (USA)

- Production Facilities

Querétaro, Mexico

- Production Facility

Colocated Production with Customer

- Rochester, NH (USA)
- Commercy, France
- Querétaro, Mexico



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