## Wencor Group



## TOP STORIFS

#### **MESSAGE FROM THE CEO**



#### Everyone is a Customer!

Over the course of my career, I have always been passionate about Customer Service. To me, great customer service is not just an objective it is a core value. It is an obligation that our day-to-day performance translates into a promise made is a promise kept. The question then becomes, 'Who exactly is the "customer"?'

We tend to think that all of our customers are external to us - those we ship to, provide a service or complete a repair for, etc. While this is quite true, I don't think it tells the whole story. Providing Exceptional Customer Service requires the belief that each employee is indeed a customer as well. No one department can single handedly serve a customer without the support from other areas. In essence, an employee receives work from a

team member and passes work to others in order to meet the needs of our external customers. Quality (of work passed on and received) then becomes a key ingredient when delivering exceptional customer service. Doing so helps ensure that we are successful in keeping the promises we make.

Our organization is focused on collaboratively identifying and fixing problems that could impact our customers. We are committed to living our core value of providing Exceptional Customer Service and strive to set a new standard of service within the aerospace industry.



AmSafe Bridport has appointed Wencor Group as its official stocking distributor and inventory management partner worldwide. Under the new partnership, Wencor Group will provide Oxygen and Escape Slide cylinders for the global aerospace market including Asia, Europe and the Americas effective December 10, 2016.



Greiner aerospace Inc. has appointed Wencor Group as its distribution partner worldwide. Under the new partnership, Wencor Group will provide aircraft cushions and dress covers for the global aerospace market including Asia, Europe and the Americas effective December 31, 2016.



RBC Bearings has added Wencor Group as an official stocking distributor of its Airtomic Division's sealing products. Under this extended partnership, Wencor Group will provide Airtomic sealing solutions and inventory management for the global aerospace market including Asia, Europe and the Americas effective December 23, 2016.



## WG INSIDER

### THE EXECUTIVE LEADERSHIP TEAM



#### Chris Curtis - Chief Executive Officer (CEO)

Chris was appointed Chief Executive Officer of the Wencor Group in August 2016. Chris is a seasoned global executive, having spent two decades at Schneider Electric in a variety of leadership roles including President and CEO of North America and Executive Vice President of the Buildings Business division. During his time with Schneider, Chris successfully oversaw a number of critical divisions, achieving significant growth across market segments and geographies. Chris earned a dual BA in History and Economics from Le Moyne College, completed the Executive Development program at Harvard University and also attended Peking University.



#### Shawn Trogdon - Chief Financial Officer (CFO)

Shawn Trogdon is responsible for all finance, accounting, treasury and information technology functions. Shawn joined The Wencor Group in October 2014 as the Global Controller. Previously, he was the Global Controller at Wesco Aircraft Holdings, a public aircraft parts distributor with over \$1.4 billion of annual sales. Prior to that, he held financial positions at Landmark Aviation and Grant Thornton. Shawn has led companies through initial public offerings ("IPO"), acquisitions, new product development, business restructurings and has managed companies through relationships with private equity investors, public investors, analysts, banks and external auditors. Shawn earned his BS in Accounting and Masters of Accounting from North Carolina State University.



#### Eric Vernon - General Counsel

Eric has managed the legal, regulatory and compliance efforts for Wencor Group since 2001. Eric is also a member of the corporate development team responsible for business strategy, corporate development, global expansion and M&A activity. Eric holds a JD degree from Brigham Young Law School and an MBA from the Yale School of Management.



#### Warren Simmons - EVP of Operations

Warren is currently Executive Vice President of Operations of Wencor and is focused on achieving Operational Excellence. Prior to joining Wencor in December 2016, Warren was VP of Global Supply Chain for A123 Systems, a private equity backed battery technology firm. He has also worked with Generac Power Systems, Nortek, Schneider Electric and Johnson Controls. Warren has a BS from Alabama and a MBA from MIT.



#### Chris Willingham - EVP Safety, Quality & Continuous Improvement

Chris joined Wencor Group in 2011 and is currently the EVP of Aviation Safety and Compliance. Chris is responsible for the Continual Operational Safety and Safety Management System for Wencor Group worldwide and also leads problem solving and continuous improvement initiatives for the company. He has earned several FAA and industry certifications including AlliedSignal / Honeywell Company FAA Designated Engineering Representative (DER) Mechanical Systems 1998, Repairman Certification, Chief Inspector, Six Sigma Black Belt, Design for Six Sigma, Consultant FAA DER Mechanical Systems, Propulsion and Engines 2005 and FAA Repair Specification DER Certified 2010. Chris holds an MS in Engineering from the University of Alabama, Huntsville.



#### Courtney Damon - EVP of Human Resources

Courtney Damon joined the Wencor Group as Executive Vice President of Human Resources in January 2017. She has 20 years of experience in Human Resources, Learning Solutions, and Program Management, and has held several Human Resources leadership positions for national, regional, and global businesses within Schneider Electric. Courtney holds a BS in Business Administration from Miami University and an EMBA from Vanderbilt's Owen Graduate School of Management.



## WG INSIDER continued

### SALES & TECHNOLOGY LEADERS



#### Brad Strella - VP of North America Sales

Brad is Vice President of North America Sales for the Wencor Group. He is responsible for all sales activities excluding OEM in this region. Brad has been in the aerospace industry for over 30 years, having worked for both Distribution and Manufacturers. Brad's most recent positions were at Wesco and KLX as Director of Sales for the Americas. Brad lives in Orlando FL and has a BA in Marketing from the University of South FL.



#### Jon Jeffords - Vice President of OEM Sales

Jon is Vice President of Sales for the OEM market segment for the Wencor Group and is responsible for leading sales activities with our OEM customer base. Jon has over 20 plus years' experience in aerospace distribution and manufacturing, and has held various sales leadership positions within the Wencor organization. Jon also previously worked in sales for Timken Aerospace. Jon earned his BA in Political Science from The Citadel.



#### Steve Shaffer - CIO

Steve joined the Wencor Group as Chief Information Officer in October 2016. Steve started his career as an airline pilot and eventually transitioned into varying IT leadership roles. He has worked at some of the most iconic airports, airlines and aerospace companies in the world including JetBlue Airways, Beechcraft, AOPA, and most recently as the Chief Information Officer (CIO) of the Dallas / Fort Worth International Airport where he led the technology aspects for the third busiest airport in the world. Stephen holds a Bachelor of Science in Aerospace and Technology from Kent State University, and is a Certified Flight Instructor and a Six Sigma Green Belt.

## Our purpose is to ensure each flight is safe and cost effective every day.





## WG INSIDER continued

### **OPERATIONAL EXCELLENCE**

Under the leadership of Warren Simmons, Wencor has launched an all hands on deck effort to achieve Operational Excellence, which will create a rewarding customer experience from order placement, to customer fulfillment, and supply replenishment. Operational Excellence is centered on improving process flow and enhancing customer service by eliminating waste, and thus increasing quality and throughput. Wencor also plans to grow its value added offerings for customer kitting programs and customer stocking programs.

The Operations team is focused on: product deliverability (on-time and right quality); supplier performance; lean purchasing practices; better demand forecasting; and strategic stocking programs. All of this is aimed at Wencor becoming a better supply partner. Warren says that "We need to get back to the basics of providing great service and then build on that foundation".

Operational Excellence is a three phase program that will not be achieved overnight, but customers should see improvements over the next few months.

#### "Must Go" SALE

We have over \$2.5 million in OEM component and piece part inventory that has been priced to sell, and we are ready to make a deal. The following list is only a subset of what we currently have in stock. Please contact your designated sales representative for more information or visit www. wencorgroup.com to place an order. All sales are subject to availability.

Part Number	Description	Condition	Quantity
4131000-6	APU OIL CLUSTER	ОН	1
769277-5	HOUSING & VALVE	NE	1
3504983-1	ROTOR	NE	1
5009338AFI	MATCHED SET-FUEL PUMP GEARS	NE	2
774619-4	BODY VALVE	NE	1
4132093-1	SHAFT-DRIVE	NE	1
4132032-1	SPRING	NE	1
727810C	AUXILIARY GENERATOR	SV	3
4132018-3	PLATE ASSY-PORT	NE	2
3503969-1	GEAR SHAFT	NE	3
1001230-1	SHAFT-TURBINE END	NE	1
4132003-1	STOP VALVE	NE	1
735244	HOUSING, WOBBLER, VARIABLE-MAT	NE	3
769606-12	FUEL CONTROL	ОН	1
362851-3	WHEEL- TURBINE	NE	1
4132012-1	COUPLING SHAFT	NE	2
54H627	SEAL RING METAL	NE	1
1001218-2	DIFFUSER-COMPRESSOR	NE	2
4132019-3	PLATE-PORT	NE	2
3503996-1	SUN GEAR	NE	3

#### Top 20 Parts

Condition Codes: OH- Overhaul; NE- New; SV- Serviceable

#### **CONTINUOUS IMPROVEMENT**

Wencor has started a journey in 2017 by identifying continuous improvement as one of its four core values. The journey started with the rollout and implementation of Toyota's A3 problem solving methodology to drive the successful implementation of various corporate initiatives. Toyota has a reputation for superior quality and is one of the most desired brands in the world. Wencor has committed to training its employees and driving this problem solving culture into the organization from top to bottom as part of the 2017 strategy. With this new strategy, we will uncover and resolve the "real" problems that drive dissatisfaction amongst our customers. This is just the first step on our journey, and we trust that as a valued customer you will help Wencor become the integrated services solutions partner that you need and desire.



## WG INSIDER continued

### 2017 SALES CONFERENCE AND TECHNICAL SYMPOSIUM

The 2017 Wencor Group Sales Conference and Technical Symposium were held consecutively this year in southern California. The Sales Conference brought our international sales team together to discuss 2017 goals and strategy, while the 7th annual Technical Symposium served as a premier platform for airlines, MROs and suppliers to discuss best practices and crucial issues facing the aviation industry.





## CALENDAR OF EVENTS through June 2017

TRADE SHOW / EVENTS	LOCATION	DATES
Gorham PMA/DER Conference	San Diego, California	Mar. 20-22
Mini Indy	Utah	Mar. 22-24
Brazil International Airshow	Rio de Janeiro, Brazil	Mar. 29 - April 2
Aircraft Interiors-Germany AIX	Hamburg, Germany	April 4-6
Presupuesto Carrera	Costa Rica	April 23
MRO Americas	Orlando, Florida	April 25-27
MARPA EMEA	Dublin, Ireland	May 8-9
MRO BEER	Sofia, Bulgaria	May 10-11
ALTA-CCMA	Cancun, Mexico	May 14-16
AP&M Europe	Olympia London, UK	May 31 - June 1
Paris Air Show	Paris, France	June 19-25





## PARTS IN THE PRESS

### AVAILABLE PMAS FROM OCTOBER 2016- MARCH 2017

OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION
4224057	4224057WE	WIPER INSERT	145	A300-B4-600 & -F4-600 , A310-200 & -300 , A319-100 , A320-100 & -200 , A321-100 & -200, A330-200 & -300, A340-200 & -300	WIPER BLADE
4224057	4224057WE	WIPER INSERT	145	A321-200,A330-200,A330-300,A340-200,A340-300,A321-100,A320- 200,A300-600,A310,A300,A310-200,A310-300,A320-100,A319-100,A318-100	WIPER BLADE
7-1605-1	7-1605-1WE	SEAL-ARLON	147	B757,B747SR,B747SP,B747-400F,MILITARY 737-700,B747-300F,B747- 300,B747-200F,B747-200,B747-100F,B747-100,B737-900,B757- 200,B757-200F,B757-300,MILITARY 757-200,MILITARY 747-400,MILITARY 747-200,MILITARY 737-800,B777-300,B777-200,B767-300F,B767-300,B767- 200F,B767-200,B767,MILITARY 767-200,B737-800,B737-100,B747-400,B737- 200,B737-300,B737-300F,B737-400,B737-400,F373-500,B737-700,B737-600	HYDRAULIC FUSE ASSEMBLY
3000-4050	30000-4050WE	SCRAPER	148	CRJ-100/400/700	ACTUATOR
F0412871	F0412871WD	DOOR IFE SKL	366	777-300ER, 787-8	DOOR
CC670-12027-3	CC670-12027-3WD	ROLLER ASSY, SIDE	369	CL-600-2D24,CL-600-2D15,CL-600-2C10	RIB ASSEMBLY, LE TRACK SLAT 2
CC670-12048-3	CC670-12048-3WD	ROLLER ASSY	369	CL-600-2C10,CL-600-2D15,CL-600-2D24	RIB ASSEMBLY, LE TRACK SLAT 1
CC670-12459-3	CC670-12459-3WD	ROLLER ASSY, SIDE	369	CL-600-2D24, CL-600-2D15, CL-600-2C10	RIB ASSEMBLY, LE TRACK SLAT 3
CC670-12459-4	CC670-12459-4WD	ROLLER ASSY, SIDE	369	CL-600-2C10,CL-600-2D15,CL-600-2D24	RIB ASSEMBLY, LE TRACK SLAT 3
186A3005-1	186A3005-1WE	BLADE ASSY	370	B737-900ER,B737-900,B737-800,B737-700	AIRCRAFT MODEL (PRIMARY)
186A3005-2	186A3005-2WE	BLADE ASSY	370	B737-700,B737-800,B737-900,B737-900ER	AIRFRAME
186A3005-3	186A3005-3WE	BLADE ASSY	370	B737-900ER,B737-900,B737-800,B737-700	AIRCRAFT MODEL (PRIMARY)
186A3005-4	186A3005-4WE	BLADE ASSY	370	B737-700,B737-800,B737-900,B737-900ER	AIRCRAFT MODEL (PRIMARY)

AUXILIAR	AUXILIARY POWER UNIT APPLICATIONS						
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION		
332410210	0332410210WE	RING	143	A318-100,A319-100,A320-100,A321-100,A321-200,A320-200	APU		
3503962-1	3503962-1WE	PLANET GEAR, COMPOUND	143	B777-200LR,B777-200,B777F,B777-300ER,B777-300	AIR TURBINE STARTER		
4132013-1	4132013-1WE	SHAFT - DRIVE - OIL PUMP	143	B777F,B777-300ER,B777-300,B777-200LR,B777-200,A340-500,A340- 600,B767-400ER	APU OIL CLUSTER		
4132143-1	4132143-1WE	RING-ROTOR	143	B777F,B777-300ER,B777-300,B777-200LR,B777-200,B767-400ER,A340- 600,A340-500	APU OIL CLUSTER		
4132144-1	4132144-1WE	RING-ROTOR	143	B777F,B777-300ER,B777-300,B777-200LR,B777-200,B767-400ER,A340- 600,A340-500	APU LUBE CLUSTER		
2676929	2676929WE	SLEEVE, CHECK VALVE	144	CF6-80C2B6F,CF6-80C2B4F,CF6-80C2B2F,CF6-80C2B1F,B777F,B777- 300ER,B777-300,B777-200,A340-600,A340-500	FUEL CLUSTER		
3822364-1	3822364-1WE	ROTOR-SEAL	144	B777F,B777-300ER,B777-300,B777-200LR,B777-200	APU (GTCP331- 500B)		
4132006-1	4132006-1WE	VALUE SET-MATCHED SPOOL	144	MD-90-30,B737-900ER,B737-900,B737-800,B737-700C,B737-700,B737- 600,A321-200,A321-100,A320-200,A319-100,A318-100	OIL PUMP ASSEMBLY		
4132019-3	4132019-3WE	PLATE-PORT	144	B777F,B777-300ER,B777-300,B777-200LR,B777-200,B767-400ER,A340- 600,A340-500	APU LUBE CLUSTER		
4132140-1	4132140-1WE	SPRING-HELICAL COM- PRESSION	144	B777F,B777-300ER,B777-300,B777-200LR,B777-200,A340-500,A340- 600,B767-400ER	APU LUBE CLUSTER		
4132141-1	4132141-1WE	SPRING-HELICAL COM- PRESSION	144	B777F,B777-300ER,B777-300,B777-200LR,B777-200,B767-400ER,A340- 600,A340-500	APU LUBE CLUSTER		



## PARTS IN THE PRESS continued

OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION
4132145-1	4132145-1WE	RING-ROTOR	144	EMB-120,DHC-8-300,DHC-8-200,DHC-8-100,B777F,B777-300ER,B777- 300,B777-200LR,B777-200,B767-400ER,A340-600,A340-500	APU LUBE CLUSTER
3174031-3	3174031-3WE	RETAINER PIN	145	B777F,B777-300ER,B777-300,B777-200LR,B777-200,A340-600,A340-500	PNEUMATIC VALVE
3183560-1	3183560-1WE	DIAPHRAGM	145	B767-200,B767-200F,B767-300,B767-300F,B767-400ER,MILITARY 757-200,MILITARY 767-200,B757-300,B757-200F,A300-600,A300-600F,A310- 200,A310-200F,A310-300,A310-300F,B757-200	PNEUMATIC VALVE
3174031-3	3174031-3WE	RETAINER PIN	145	A340-500, A640-600, 767-400ER , 777-200 , 777-300 , 777-300ER , 777- 200LR , 777F	SURGE CONTROL VALVE
4132023-2	4132023-2WE	PIN-DRIVE	145	A340-500, A640-600, 767-400ER , 777-200 , 777-300 , 777-300ER , 777- 200LR , 777F	LUBE PUMP
3183560-1	3183560-1WE	DIAPHRAGM	145	A300-600, B757-200(PF), B767-300(F/ER)	VALVE
4132094-1	4132094-1WE	VALVE-FILTER BYPASS	145	A318, A319, A320, A321, 737-600, 737-700, 737-800	LUBE PUMP
4132023-2	4132023-2WE	PIN-DRIVE	145	B777F,B777-300ER,B777-300,B777-200LR,B777-200,A340-600,A340- 500,B767-400ER	APU LUBE CLUSTER
4132094-1	4132094-1WE	VALVE-FILTER BYPASS	145	MILITARY 737-800, MILITARY 737-700, MD-90-30, B737-900ER, B737-900, B737- 800, B737-700, A318-100, A319-100, A320-100, A320-200, A321-100, A321- 200, B737-600	OIL PUMP ASSEMBLY
3842327-1	3842327-1WE	GASKET-V SEAL	146	B777F,B777-300ER,B777-300,B777-200LR,B777-200	APU (GTCP331-600A)
3842327-1	3842327-1WE	GASKET-V SEAL	146	777-200, 777-300, 777-300ER, 777-200LR, 777F	APU
4132038-1	4132038-1WE	PLATE-SEAL	146	A340-500, A640-600, 767-400ER , 777-200 , 777-300 , 777-300ER , 777- 200LR , 777F	LUBE PUMP
4132203-1	4132203-1WE	SHAFT - DRIVE	146	A340-500, A640-600, 767-400ER , 777-200 , 777-300 , 777-300ER , 777- 200LR , 777F	LUBE PUMP
4132038-1	4132038-1WE	PLATE-SEAL	146	B777F,B777-300ER,B777-300,B777-200LR,B777-200,B767-400ER,A340- 500,A340-600	APU OIL CLUSTER
4132203-1	4132203-1WE	SHAFT - DRIVE	146	B777F,B777-300ER,B777-300,B777-200LR,A340-500,A340-600,B767- 400ER,B777-200	APU OIL CLUSTER
2712839-2	2712837-2WE	END BELL ASSEMBLY - FRONT	148	A318, A319, A320, A321	APU
3842327-3	3842327-3WE	GASKET-V SEAL	148	B777	APU
3842327-4	3842327-4WE	GASKET-V SEAL	148	B777	APU
3862144-1	3862144-1WE	PIN ANTI-ROTATION	148	DC-10-15,DC-10-30,DC-10-40,MD-11,MD-11F,MILITARY 757-200,MILITARY 767-200,MILITARY DC-10-30,MILITARY KC-10A,B757-200F,DC-10-10,DC- 10,A300-200,A300-100F,A300-100,B757,B757-200,B757-300,B767,B767- 400ER,B767-300F,B767-300,A300-200F,B767-200F,B767-200	GAS TURBINE COM- PRESSOR POWER UNIT
3862144-2	3862144-2WE	PIN-BEARING ANTI- ROTATION	148	B777	APU (GTCP331- 500B)
4132018-3	4132018-3WE	PLATE ASSY-PORT	148	B777F,B777-300ER,B777-300,B777-200LR,B777-200,B767-400ER,A340- 600,A340-500	APU LUBE CLUSTER
4132125-3	4132125-3WE	PLATE ASSY-PORT	148	B777F,B777-300ER,B777-300,B777-200LR,B777-200,B767-400ER,A340- 500,A340-600	APU LUBE CLUSTER
4132217-3	4132217-3WE	BUSHING-JOURNAL	148	B777F,B777-300ER,B777-300,B777-200LR,A340-500,A340-600,B767- 400ER,B777-200	APU OIL CLUSTER

AVIONIC AF	AVIONIC APPLICATIONS						
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION		
5145-53-42G	5145-53-42GWE	GASKET	371	B737-700,B737-800,B737-900,B737-900ER	AUDIO SELECTOR PANEL		
5145-53-42P	5145-53-42PWE	PANEL	371	B737-700,B737-800,B737-900,B737-900ER	AUDIO SELECTOR PANEL		
5145-53-42	5145-53-42WE	AUDIO SELECTOR PANEL ASSEMBLY	371	B737-700,B737-800,B737-900,B737-900ER	AUDIO SELECTOR PANEL		



## PARTS IN THE PRESS continued

	APPLICATIONS				
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION
012536-002	012536-002WE	0-RING	140	BD-700-1A10,B767-400,B767-300,B767-200,B747-400,B737-800,B737- 700,A340-300,A330-200	VALVE, VENT
023619-000	023619-000WE	VENT VALVE	140	BD-700-1A10,B767-400,B767-300,B767-200,B747-400,B737-800,B737-700	BATTERY
023619-000	023619-000WE	VENT VALVE	140	BD-700-1A10,B767-400,B767-300,B767-200,B747-400,B737-800,B737-700	BATTERY
166160	166160WE	FILLER CAP, VENTED	140	A340-300,A330-200,A321-200,A321-100,A320-200,A320-100,A319- 100,A318-100	BATTERY
166160	166160WE	FILLER CAP, VENTED	140	A340-300,A330-200,A321-200,A321-100,A320-200,A320-100,A319- 100,A318-100	BATTERY
413600	413600WE	VALVE VENT	140	A330-200,A340-300	BATTERY
413600	413600WE	VALVE VENT	140	A330-200,A340-300	BATTERY
54917-5	54917-5WE	SEAL-CHANNEL	143	B747-400,B757,B767,B767-400ER,B777,B777-200LR,CFM56-5A,CFM56- 5B,CFM56-5C,B747-300,B737-900ER,A318,A319,A320,A321,A340-200,A340- 300,B737-700,B737-800,B737-900	IDG
743504	743504WE	VANE-PUMP	143	B767,B757,B747,A321-200,A321-100,A320-200,A320-100,A319-100,A318- 100,A310,A300	IDG
54917-4	54917-4WE	SEAL-CHANNEL	144	B747-400,B757,B767,B767-400ER,B777,B777-200LR,CFM56-5A,CFM56- 5B,CFM56-5C,B747-300,B737-900ER,A318-100,A319,A320,A321,A340- 200,A340-300,B737-700,B737-800,B737-900	INTEGRATED DRIVE GENERATOR
769457	769457WE	BLOCK-CYLINDER BARE BORES	144	B747-400D,B747-400F,B757-200,B757-300,B767-200,B767-300,B767- 300F,B747-400,A340-300,A340-200,A321-100,A320-200,A320-100,A319- 100,A310-300,A310-200,A300-600	IDG PUMP & MOTOR ASSEMBLY
766074	766074WE	GEARSHAFT	145	A310, A300-600, A300-B4-600 & -F4-600 & -C4-600, 757-200 , 757-200PF, 757-300, 767-200 , 767-300 , 767-300F , 767-400ER	PUMP AND MOTOR
756611-4	756611-4WE	CAP-VALVE	145	747-300 , 747-400 , 747-400F , 747-400D , 757-200 , 757-300, 767-200 , 767-300	IDG
756611-4	756611-4WE	CAP-VALVE	145	B767-200F,B767-300,B767-300F,MILITARY 747-400,MILITARY 757-200,MILI- TARY 767-200,B767-200,B757-300,B757-200F,B757-200,B747-400F,B747- 400D,B747-400,B747-300F,B747-300	IDG
766074	766074WE	GEARSHAFT	145	B747-400D,B747-400F,B757-200,B757-200PF,B757-300,B767-200,B767- 300F,B747-400,B747-300,A300-600,A310-200,A319-100,A320-100,A320- 200,A321-100,A321-200	IDG PUMP & MOTOR ASSEMBLY
4958921-1	4958921-1WE	PIN ASSY-DOOR COWLING	146	MD-88,MD-87,MD-83,MD-82,MD-81,DC-9-87,DC-9-83,DC-9-82,DC-9-81	POWER PLANT ASSEMBLY-DE- MOUNTABLE
755037	755037WE	BEARING PLATE	147	MD11,B777-300ER,B777-200LR,B777,B767,A330	IDG PUMP & MOTOR
766081A	766081AWE	PORT PLATE ASSEMBLY	147	B747-400D,B747-400,B747-300F,B747-300,A321-231,A321-212,A321- 211,A321-131,B747-400F,B757-200,B757-200F,MILITARY 767-200,MILITARY 757-200,MILITARY 747-400,B767-300F,B767-300,B767-200F,B767-200,B757- 300,A321-112,A321-111,A320-233,A319-112,A319-111,A310-300F	IDG PUMP & MOTOR ASSEMBLY
766082	766082WE	PORT PLATE ASSEMBLY	147	B747-400D,B747-400,B747-300F,B747-300,A321-231,A321-212,A321- 211,A321-131,B747-400F,B757-200,B757-200F,MILITARY 767-200,MILITARY 757-200,MILITARY 747-400,B767-300F,B767-300,B767-200F,B767-200,B757- 300,A321-112,A321-111,A320-233,A319-112,A319-111,A310-300F	IDG PUMP & MOTOR ASSEMBLY
58163-4	58163-4WE	RING, PISTON	148	B757-300,B767-200,B767-200F,B767-300,B767-300F,MILITARY 747-400,MILI- TARY 757-200,MILITARY 767-200,B757-200,B757-200,B747-400F,A319- 100,A320-100,A320-200,A321-100,A321-200,B747-300,B747-300,B747-400	IDG
728821	728821WE	GEAR-HELICAL	148	MILITARY 737-800,MILITARY 737-700,MD-11F,MD-11,B777F,B777-300,B777- 200,B737-900,B737-800,B737-700,B737-600	IDG GOVERNOR & SUPPORT
757124	757124WE	RETAINER-ROLLER BEARING	148	B777	ROTOR BALANCE
761886	761886WE	RING - RETAINING	148	B737,A340,A321,A320,A319	PUMP & MOTOR ASSEMBLY
762072	762072WE	RETAINER ASSEMBLY-SEAL	148	MILITARY 767-200,MILITARY 757-200,B767-300,B767-300,B767-200F,B767- 200,B757-300,B757-200F,B757-200,B747-400,B747-300	IDG

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## PARTS IN THE PRESS continued

ENGINE &	ENGINE & THRUST REVERSER APPLICATIONS							
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION			
J1215P12	J1215P12WE	GASKET-SEAL	143	CFM56-7B26E/F,CFM56-7B27/3B1,CFM56-7B27AE,CFM56-7B27E,CFM56- 7B27E/B1,CFM56-7B27E/B1F,CFM56-7B27E/B3,CFM56-7B27E/F,CFM56-7B26E/ B2F,CFM56-7B26E/B2,CFM56-7,CFM56-7B20E,CFM56-7B22E,CFM56-7B22E/ B1,CFM56-7B24E,CFM56-7B24E/B1,CFM56-7B26E,CFM56-7B26E/B1	ENGINE			
820551	820551WE	SEAL RING-METAL	144	JT8D-200,JT8D-209,JT8D-217,JT8D-219	ENGINE			
4958921-1	4958921-1WE	PIN ASSY-DOOR COWLING	146	DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88	ENGINE			
1801M95P07	1801M95P07WE	WASHER-SPRING TENSION	147	CF6-80E1A4,CF6-80C2D,CF6-80C2B,CF6-80C2A	ENGINE			
315A2313-1	315A2313-1WE	RUB STRIP-UPR BEAM	147	B737-900ER,B737-600,B737-700,B737-700C,B737-900,B737-800	THRUST REVERSER			
774588-2	774588-2WE	SEAL, INSULATOR	148	PW4000,B767-300,B747-400F,B747-400D,B747-400,A330	ATS			

FUEL SYSTE	FUEL SYSTEM APPLICATIONS							
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION			
WF335300	QA03963WE	ELEMENT, OIL FILTER- SCAVENGE	147	RB211-22B-02,RB211 TRENT 553-61,RB221-524B2-B-19,RB211-TRENT 892-17,RB211-TRENT 884-17,RB211-TRENT 877-17,RB211-TRENT 875- 17,RB211 TRENT 772B-60,RB211 TRENT 772-60,RB211 TRENT 768-60,RB211- 535,RB211-TRENT 892B-17,RB211-TRENT 895-17,RB221-524B-B-02,RB221-5	ENGINE MODEL (PRIMARY)			

OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION
14330-235	14330-235WE	PLATE, SLIDE	143	B777,B777-200,B777-300,ERJ-170,ERJ-170-100,ERJ-170-200,ERJ- 190,ERJ-190-100,ERJ-190-200,MILITARY 737-700,MILITARY 737-800,MILITARY 747-400,MILITARY 767-200,B767-400ER,B767- 300F,A320-200,A321,A319,A318-100,A300-600,A300-600F,A318,A319- 100,A320,A320-100,A321-100,A321-200,B737-600,B737NG,B747-400,B747- 400F,B767,B767-200,B737-800,B767-200F,B767-300,B737-700,B737-900	ORBITAL FLUSH VALVE ASSEMBLY
7600344	7600344WE	POPPET	144	MD-90-30,MD-11F,MD-11,B777-300ER,B777-200,B767-300,B767-200,B747- 400,B737-900ER,B737-900,B737-800,B737-700,B717-200	RINSE VALVE
7600344	7600344WE	POPPET	144	MD-90-30,MD-11F,MD-11,B777-300ER,B777-200,B767-300,B767-200,B747- 400,B737-900ER,B737-900,B737-800,B737-700,B717-200	RINSE VALVE
4093376-1	4093376-1WE	PAPER ROLL	145	B787	PRINTER TW4
00091-005	00091-005WE	BOWL AND SHROUD	147	B747-400F,B767-300,B767-300F,B767-200,B767-400ER,B777-200,B777- 200LR,B777-300ER,MILITARY 747-400,B747-400,B777-300	TANK ASSEMBLY- WASTE SYSTEM
713225-111	713225-111WE	PAPER, ROLL	148	A318,B747-400,B757,B767,B777-200,DC-10,ERJ-170,ERJ-190,GV,B777- 300,MD-90,B747,B737-900,A319,A320,A321,B737-400,B737-300,B737- 500,B717,B737-600,B737-700,B737-800	AIRFRAME
F0412871	F0412871WD	DOOR IFE SKL	366	B777-300ER,B787	NHA
1002993-001	1002993-001()WE	ARMCAP ASSEMBLY	367	A39, A320, A321, B737-700, B737-800, B757-200, CRJ-700 Series, CRJ-900	SEAT
1002993-001CAH	1002993-001CAHWE	ARMCAP ASSEMBLY	367	A39, A320, A321, B737-700, B737-800, B757-200, CRJ-700 Series, CRJ-900	SEAT
1002993-001CAJ	1002993-001CAJWE	ARMCAP ASSEMBLY	367	A39, A320, A321, B737-700, B737-800, B757-200, CRJ-700 Series, CRJ-900	SEAT
1002993-001()	1002993-001()WE	ARMCAP ASSEMBLY	367	A319, A320, A321, B737-700, B737-800, B757-200, CL-600-2C10 (Regional Jet Series 700, 701 & 702), CL-600-2D24 (Regional Jet Series 900)	SEAT
1002993-001CAH	1002993-001CAHWE	ARMCAP ASSEMBLY	367	A319, A320, A321, B737-700, B737-800, B757-200, CL-600-2C10 (Regional Jet Series 700, 701 & 702), CL-600-2D24 (Regional Jet Series 900)	SEAT
1002993-001CAJ	1002993-001CAJWE	ARMCAP ASSEMBLY	367	A319, A320, A321, B737-700, B737-800, B757-200, CL-600-2C10 (Regional Jet Series 700, 701 & 702), CL-600-2D24 (Regional Jet Series 900)	SEAT
847277-403()	847277-403()WE	ARMCAP ASSEMBLY	367	767-300 Series	SEAT
847277-403B	847277-403BWE	ARMCAP ASSEMBLY	367	767-300 Series	SEAT
847277-403()	847277-403()WE	ARMCAP ASSEMBLY	367	767-300 Series	SEAT
847277-403B	847277-403BWE	ARMCAP ASSEMBLY	367	767-300 Series	SEAT
170-43903-401()	170-43903-401()	LAV SHROUD ASSY	368	ERJ-170/190	LAVATORY



## PARTS IN THE PRESS continued

INTERIOR APPLICATIONS Continued						
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION	
170-43903-401	170-43903-401WE	LAV SHROUD ASSY	368	ERJ-170/190	LAVATORY	
170-43903-401()	170-43903-401()WE	ERJ170/190 LAV SHROUD ASSY	368	ERJ 170 (-100LR/-100SU/-100SE/-200LR) ERJ 190 (-100STD/-100LR/-100IGW)	LAVATORY	
170-43903-401G	170-43903-401WE	ERJ170/190 LAV SHROUD ASSY	368	ERJ 170 (-100LR/-100SU/-100SE/-200LR) ERJ 190 (-100STD/-100LR/-100IGW)	LAVATORY	
7312047-501()	7312047-501()	TOILET SHROUD ASSY ERJ135/145	372	EMB-135, EMB-145	LAVATORY	
7312047-501	7312047-501WE	TOILET SHROUD ASSY ERJ135/145	372	EMB-135, EMB-145	LAVATORY	

LANDING GEAR APPLICATIONS						
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION	
4962685-1	4962685-1WE	Spring, Helical Exten- Sion Bungee	146	MD90,MD80,DC9,B717-200	LANDING GEAR	
5004504	5004504WE	PACKING, PREFORMED	147	MD-90-30,MD-88,MD-87,MD-83,MD-82,MD-81,DC-9-87,DC-9-83,DC-9- 82,DC-9-81	WHEEL AND TIRE ASSY - MLG	
265-71900-160- 1160	265-71900-160- 1160WE	RING - DYNAMIC	148	B777	LANDING GEAR	

PNEUMAT	IC APPLICATIO	NS			
OEM PN	PMA PN	DESCRIPTION	SUPPLEMENT #	AIRCRAFT ELIGIBILITY	NHA DESCRIPTION
69494J12	69494J12WE	PACKING-PREFORMED	130	ERJ-170-200 LR,ERJ-170-200 STD,ERJ-170-200 SU,L1011,SF340,ERJ-170-100 SU,ERJ-170-100 STD,ERJ-170-100 SE,ERJ-170-100 LR,B777,B767,B747	PNEUMATIC VALVE
69494J910	69494J910WE	PACKING-PREFORMED	130	ERJ-170-100 LR,B777,B767,B757,B747-400,B747,ERJ-170-100 SE,ERJ-170-100 STD,ERJ-170-100 SU,ERJ-170-200 LR,L1011,ERJ-170-200 SU,ERJ-170-200 STD	PNEUMATIC VALVE
63001090-1	63001090-1WE	RING SET PISTON	143	B737-400,B737-300,B737-900ER,B737-700C,B737-700,B737-900,B737- 600,B737-500,B737-800	PRESSURE REGULA- TOR AND SHUTOFF VALV
3178503-1	3178503-1WE	RING, PISTON	144	B757-300,B757-200PF,B757-200CB,B757-200	PNEUMATIC VALVE
142473-1	142473-1WE	EXPANSION RING	146	B757-200,B767-300F,B767-200,B747-400F,B747-400,B767-300	STARTER CONTROL VALVE
142473-1	142473-1WE	EXPANSION RING	146	757-200 , 767-200 , 767-300 , 767-300F , 747-400 , 747-400F	STARTER
3177910-1	3177910-1WE	DIAPHRAGM - AIR	148	DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88	PNEUMATIC VALVE
3177911-1	3177911-1WE	DIAPHRAGM ASSY - SERVO	148	DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88	PNEUMATIC VALVE
92934-8	92934-8WE	DIAPHRAGM - SERVO RING	148	DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88	PNEUMATIC VALVE
92937-6	92937-6WE	DIAPHRAGM-SERVO PLATE	148	DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88	PNEUMATIC VALVE

Visit www.wencorgroup.com/pma to download these and other previously approved PMA parts.

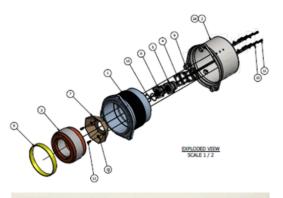
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## MAINTENANCE & REPAIR

### **NEW DER REPAIR APPROVAL**

PHS/MWA Aviation Services, a Wencor MRO company is pleased to announce the successful development and approval of DER Repair Number 1.775 for the Unison 430201 Series Alternator Stator. Used to supply the engine accessories with electrical power on one of the most popular engines in the world, the IAE V2500 Engine, the savings to the industry are significant. The DER repair allows PHS/MWA to repair and overhaul to the same specifications as the OEM, including full rewind capabilities of the rotor and stator reducing costly Beyond Economical Repairs (BER) where the customer must typically purchase a new Alternator Stator . "This is a huge milestone and one the team has worked diligently on for a number of years" stated Scott Vanvoorhis, General Manager of PHS/MWA Aviation Services. A tremendous effort considering the project took over 4 years to development. Additionally, this was a great example of the success that can be achieved working hand in hand with our customers to counter the aggressive tactics used by the OEM to restrict the development of alternative approved repairs. "This is a great team achievement for sure..." stated Travis Dykstra, VP of MRO Group Sales, adding "...but even more exciting is that our sponsor customer is willing to assist us in getting our DER approved at other A320 operators...that speaks volumes to the power of our customer's satisfaction with the Wencor MRO Group." In February, PHS/MWA shipped the first of many more to come and looks forward to reaching more customers with our innovative repairs in the near future.

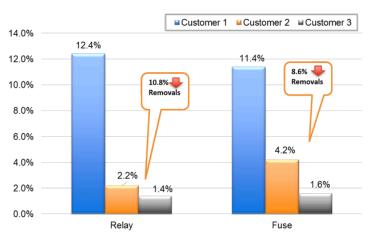




#### MINOR MODIFICATION PROCEDURES INCREASES COMPONENT RELIABILITY

In a recent study performed for a key customer, Soundair Aviation Services, a Wencor MRO Group company, was able to once again provide statistical evidence illustrating the advantages of using engineered solutions specifically designed to improve component reliability. In the comparison study, 3 key customers were selected. Customer 1, who has not approved the Solid State Relay Modification, was compared against 2 customers that have approved the modification. The results were better than expected, showing over a 10% reduction in removals for failed relays and an average 9% reduction in reasons for removal due to the fuse (a fault caused by faulty relays). Historically, aircraft coffee makers have been one of the worst performing products in terms of reliability. Soundair's innovative approach to maintenance using engineering has made that a thing of that past.

#### Removals due to Power Relays







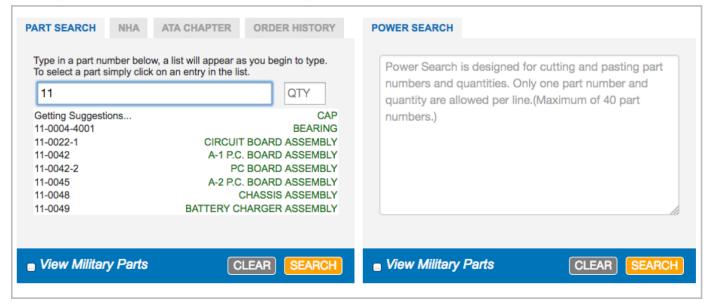
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#### View summarized search results

PART SEARCH	RESULTS NHA	ATA CHAPTER O	RDER HISTORY			
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▶ 303	LAMP	IN STOCK	100	\$0.38	<b>100</b>	Add to Cart
11848220	PART DESCRIPTION	OUT OF STOCK	<b>(</b> 1	\$112.34	0	Add to Cart
▶ 1197310	PART DESCRIPTION	IN STOCK	1	\$87.94	1	Add to Cart
7-0115D	V NO QUOTE	-	-	-		Submit RFQ
77777	V PART NOT FOUND	_	_	_	-	-

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Please	click on any NH/	A below to see	parts found with	in the NHA.				
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NHA	104568	PNEUMATIC	VALVE	3				
	Part Number	Description		Availability	Std. Pkg. Qty.	Unit Price	Qty.	Order
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	303	LAMP		IN STOCK	100	\$0.38		Add to Cart
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NHA	104983	PNEUMATIC	VALVE	5				
NHA	105964	PNEUMATIC	VALVE	45				
NHA	106121	PNEUMATIC	VALVE	14				
NHA	106347	PNEUMATIC	VALVE	5				
NHA	106789	PNEUMATIC	VALVE	19				
NHA	107023	PNEUMATIC	VALVE	19				
NHA	108901	PNEUMATIC	VALVE	7				
NHA	108993	PNEUMATIC	VALVE	11				
NHA	109432	PNEUMATIC	VALVE	32				
NHA	109873	PNEUMATIC	VALVE	2				
NHA	110463	PNEUMATIC	VALVE	13				



#### View documentation for parts with ease

	RESULTS NHA	ATA CH	APTER ORI	DER HISTORY		
Part Number	Description		Availability	Std. Pkg. Qty.	Unit Price	Qty. Order
▼ 117088WD	PNEUMATIC VALVE		IN STOCK	1	\$101.87	1 Add to Cart
Part Requested:	117088	Warehouse	Parts In Stock	Parts On Order	Est. Availability	FAA Supp:
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<ul> <li>✓iew related №</li> <li>303</li> <li>11848220</li> </ul>	NHAS LAMP PART DESCRIPTION	N OL	IN STOCK JT OF STOCK	1	\$112.34	2 100 Add to Cart 0 Add to Cart

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