



product guide



2019

A grayscale photograph of a middle-aged man with glasses, wearing a light-colored button-down shirt, sitting at a desk. He is smiling and looking towards the camera. His right hand is resting on a computer mouse. On the desk, there is a keyboard, a laptop, and some papers. The background is a plain wall. A large, light gray diagonal shape cuts across the top right corner of the image.

Our World  
Is Parts.

Our Passion  
Is **Partnership.**

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Proponent is the largest independent distributor of commercial aircraft parts, serving the MRO, OEM and airline markets for over 45 years. With worldwide inventory and staff, we operate on the global scale of aerospace.

Proponent isn't just a name, it's our mission statement. With unmatched agility and service, we are focused on simplifying your aftermarket needs with custom solutions and fast, reliable delivery of critical parts. See what's possible with a proponent on your side.

Our relationships with aircraft operators, maintenance providers, manufacturers and our supply chain partners drive us to deliver reliable, customer-centered service that focuses on realtime needs. Currently, we support more than 400,000 vital aviation parts and components for all your commercial and regional aircraft needs.

As the industry evolves and our partners' needs shift, our product and service offerings follow suit. By constantly reviewing and adapting our product range, we remain agile enough to serve the most modern platforms while also maintaining levels of essential components for legacy fleets.

This guide features a small sample of our products. To learn about the full range of our product offerings and to discuss how Proponent can support your needs with our innovative customized solutions, please email us at [sales@proponent.com](mailto:sales@proponent.com) or call your local Proponent representative at any time.

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# Designed With You in Mind



## ProCart Delivers the Time-Saving Features You Need

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### **REAL-TIME INVENTORY STATS**

New color codes provide at-a-glance inventory checks:

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- Blue = In Stock, Ready to Ship

“Ship Today” column lets you know the time remaining for same-day shipping.

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# Manufacturing Capabilities



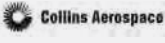


















Proponent has earned a remarkable reputation based on decades of on-time delivery, a wide range of high-quality aerospace parts and customer-centered service. As a value-added distributor, we pride ourselves on being able to provide manufacturing services to meet our customers' needs. Our state-of-the-art systems and equipment enhance more than a half-century of direct experience in developing innovative solutions for complex customer needs.

**CONTACT US  
FOR MORE INFO:**

► [sales@proponent.com](mailto:sales@proponent.com)

[www.proponent.com/  
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# Interior

 <p><b>Actron</b> Latches, Interior Hardware</p>	 <p><b>Ancra International</b> Seat Track, Anchors, Fittings</p>	 <p><b>Collins Aerospace</b> (B/E Aerospace) Galley Inserts, Lighting, Heated Floor Panels, Water Systems</p>	 <p><b>Donaldson</b> Filters</p>	 <p><b>Essex Industries</b> Emergency Breathing Equipment</p>	 <p><b>General Ecology</b> Water Filtration</p>	 <p><b>Gore</b> PTFE Seals, Tapes</p>
 <p><b>ITT Enidine</b> Actuators, Dampers, Seat Motion Control</p>	 <p><b>Koito</b> Lighting, Signage</p>	 <p><b>Korrry</b> Indicators, Switches</p>	 <p><b>Lamart Corp.</b> Insulation, Tapes, Films</p>	 <p><b>Magee</b> Interior Components</p>	<p><b>MASON</b> Indicators, Switches</p>	<p><b>MEGGITT</b> Fire Protection Restraints</p>
 <p><b>Parker</b> Coalescers</p>	<p><b>RECARO</b> Seats</p>	 <p><b>Rollon</b> Telescopic Rails, Linear Guides</p>	 <p><b>Safran</b> (Zodiac, Driessen) Lav Valves, Oxygen Systems, Masks, Trolley Carts</p>	<p><b>SCHNELLER</b> Laminates</p>	 <p><b>Schroth Safety Products</b> Retraints</p>	 <p><b>SFS Intec</b> Hardware</p>
 <p><b>Switlik</b> Life Vests</p>	 <p><b>Talon</b> Lighting</p>	 <p><b>Vision Systems Aeronautics</b> Visors, Solar Protection Systems</p>				

## Aerospace & OEM Standards

Airbus and Boeing Extrusions & Profiles:  
1ABS0305, ABS0317, ABS5642/3,  
BAC1522

Gas Springs:  
ASNA2151
















Clamps:  
AS/MS21919, M85052, BACC10, etc.

## Additional Partners

Aim Altitude	Federal Signal	Micropump*	Yokohama Aerospace
Amsafe Inc	Gigavac	Morgan Hinges	
Array Connector Corp	Harper Engineering*	Oshino*	
Astronics DME*	Havells Sylvania	Pentair	
ATS Aaxico*	Honeywell (Microswitch)*	Pexco*	
BAE Systems	Hutchinson (Paulstra Vibrachoc)*	Saint Gobain*	
Becker Avionics*	IFPL	Sensata (Kavlico)*	
Cole Instrument	Ipeco	Source Manufacturing	
Diehl Aerospace and Aviation	Jamco	Stabilus*	
DTI (Device Technologies Inc.)*	Lufthansa Technik	TE Connectivity (Raychem, Amp, Deutsch)*	
Electroswitch*	Madelec	Thales	

\*Authorized Supplier Partnership

# Engine

 <b>Adel Wiggins</b> Clamps	 <b>Auxitrol Weston</b> (Norwich) Sensors	 <b>Carlisle</b> (Tri-Star) Contacts	 <b>Collins Aerospace</b> Sensors, Speed, Fuel, Temp, Torque, Oil Sensors	 <b>Conesys</b> (Jtech) Connectors	 <b>Donaldson</b> Filters	 <b>Freudenberg</b> (ISC) Seals, Gaskets, O-Rings
 <b>Honeywell</b> Seals, Gaskets	 <b>Hutchinson</b> (JPR) Seals, Gaskets	 <b>ITT</b> ITT Aerospace Controls Actuators, Valves	 <b>Kirkhill</b> Seals, Extrusions	 <b>Leach</b> Relays	 <b>Meggitt</b> Valves, Sensors, Fire Protection, Thermal Management	 <b>Parker</b> Fuel System Components, Seals, Gaskets, O-Rings
 <b>Souriau Sunbank</b> Connectors, Harness Components	<b>TA Aerospace</b> TA Aerospace Clamps, Line Blocks	 <b>TE Connectivity</b> (Raychem, Amp, Deutsch) Connectors, Harness Components, Tube/Braid, Relays	 <b>Titeflex</b> Hoses	 <b>Trelleborg</b> Seals, Gaskets	 <b>Voss Industries</b> Clamps, Couplings	



## Aerospace & OEM Standards

Hoses, Medium and High Pressure: ABS1400/1401, AS115-120, AS153-55, AS136-141, AS4568-70, etc.	Seals, Couplings: AS1895, MS9371-76, etc.	Contacts and Connector Accessories: EN3155, BACC47CN/CP, M85049, ABS0638, MS24264-66, etc.	Clamps: AS/MS21919, M85052, BACC10, etc.
O-Rings, Back-up Rings: MS28773/4, NAS1611, ABS820x, M25988, M83248, AS3209, etc.	Connector: EN3646, D38999, BACC63BP/ BV, M83723, ESC10, etc.	Connectors: EN3646, D38999, BACC63BP/BV, M83723, ESC10, etc.	








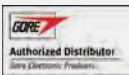


















## Additional Partners

American Seal & Engineering*	Gigavac	Radiall*	
Amphenol	Glenair	RMS*	
Amphenol Air LB*	Hi-Rel Connectors*	Saint Gobain*	
Amphenol PCD*	ITT Cannon	Scientific Instruments*	
ATS Aaxico*	Jetseal*	Secan*	
Bergen Cable Technology*	Sensata (Kavlico)*	Sensata Technologies	
Breyden	Le Joint Francais	Technetics*	
Cinch	Nexans*	Thomas and Betts*	
Cole Instrument	Northern Engineering (Sheffield)		
Daniels Manufacturing	Parco*		
Eaton Cooper*	Precix*		

\*Authorized Supplier Partnership



# Airframe

 <b>Adel Wiggins</b> Heaters	 <b>Auxitrol Weston</b> (Norwich) Sensors	 <b>Bergen Cable Technology</b> Mechanical Cable	 <b>Carlisle</b> (Tri-Star Electronics) Contacts, Connectors, Cable	 <b>Collins Aerospace</b> AOA, Pilot Sensors	 <b>Conesys</b> (Jtech) Electrical Connectors	 <b>Freudenberg</b> (ISC) Seals, Gaskets, O-Rings
 <b>Gore</b> PTFE Seals, Tapes	 <b>Honeywell</b> Sensors, Switches, Sensing and Control	 <b>Hutchinson</b> (Barry Controls) Vibration Isolation JPR Seals	 <b>ITT Aerospace</b> Actuators, Valves, Heaters, ECS Components	 <b>Kirkhill</b> Seals, Extrusions	 <b>Lamart Corp.</b> Insulation Blankets, Films, Tapes	 <b>Leach</b> Relays
 <b>Meggitt</b> Seals, Extrusions, Sensors	 <b>Parker</b> Fuel System Components, Seals, Gaskets, O-Rings	 <b>RMS</b> Connectors, Harness Components	 <b>Safran</b> (Kaiser Electro Precision) Fuel Sticks, Service Connectors, Lav Valves, Landing Gear Hardware, Kits, Ventilation	 <b>Saint Gobain</b> Seals, Gaskets	 <b>Souriau/Sunbank</b> Connectors, Harness Components, Conduit	<b>TA Aerospace</b> Clamps, Line Blocks
 <b>Talon</b> Exterior Lighting	 <b>TE</b> (Deutsch, Raychem) Connectors, Harness Components, Tube/ Braid, Relays	 <b>Titeflex</b> Hoses	 <b>Trelleborg</b> Seals, Gaskets	 <b>Voss Industries</b> Clamps, Couplings		

## Aerospace & OEM Standards

Boeing Airframe Seals and Extrusions: 10-60754, BAC1522/30	Fuel Caps: 10-60754, BAC1522/30	Seals, Couplings: AS1895, MS9371-76, etc.	Clamps: AS/MS21919, M85052, BACC10, etc.
Hoses, Medium and High Pressure: ABS1400/1401, AS115-120, AS153-55, AS136-141, AS4568-70, etc.	O-Rings, Back Up Rings: MS28773/4, NAS1611, ABS820x, M25988, M83248, AS3209, etc.	Connectors: EN3646, D38999, BACC63BP/BV, M83723, ESC10, etc.	Contacts and Connector Accessories: EN3155, BACC47CN/CP, M85049, ABS0638, MS24264-66, etc.




















## Additional Partners

Acme*	Crouzet*	Koito*	Sensata (Kavlico)*
AECI	Daniels Manufacturing	Le Joint Francais	Sensor Systems*
Akrofire	Dayton Granger*	Liebherr	Sumitomo Precision
Amphenol	Eaton Cooper*	Loos and Co	Tactical Airborne Components
Amphenol Air LB*	EDO Antenna	Nexans*	Technetics*
Amphenol PCD*	Gigavac	Northern Engineering Sheffield	Thomas and Betts*
ATS Aaxico*	Glenair	Oshino*	Woodward Governor
Boeing	Hi-Rel Connectors	Parco*	
Breyden	ITT Cannon	Precix*	
Cinch	Jenoptik*	Radiall*	
Crane-Eldec	Jetseal*	Scientific Instruments*	

\*Authorized Supplier Partnership



# Cockpit

 <p><b>ADS/Transicoil</b> Avionics &amp; Displays</p>	 <p><b>Astronics DME</b> Flashlights, Safety Products</p>	 <p><b>AstroNova</b> Airborne Printers, Paper</p>	 <p><b>Becker Avionics</b> Avionics Communication, Intercom</p>	 <p><b>Cole Instrument</b> Rotary, Engine Start Switches</p>	 <p><b>Collins Aerospace</b> Windshield Wipers</p>	 <p><b>Crouzet</b> Switches</p>
 <p><b>Donaldson</b> Rain Repellent</p>	 <p><b>Electroswitch</b> Switches</p>	 <p><b>Holmberg</b> Headsets, Handsets, Microphones</p>	 <p><b>Honeywell (Microswitch)</b> Switches, Sensing and Control</p>	 <p><b>Hutchinson (Paulstra-Vibrachoc)</b> Racking Systems, Anti-Vibration, Light Panels</p>	 <p><b>Ipeco</b> Seats</p>	 <p><b>Koito</b> Window Heater</p>
 <p><b>Korry</b> Indicators, Switches</p>	 <p><b>Leach</b> Relays</p>	 <p><b>Mason</b> Indicators, Switches</p>	 <p><b>Orolia</b> ELT, Positioning, Nav Products</p>	 <p><b>Thales</b> Avionics</p>	 <p><b>Ultra Electronics</b> Flight Instruments</p>	 <p><b>Vision Systems Aeronautics</b> Visors, Solar Protection</p>




Aerospace & OEM Standards			
Airbus Switches and Annunciators: ABS0951	Airbus Relays: (asn) E0217/ 218A	Airbus Junctions, Modules: NSA937901	

# Cage Codes

Supplier	Cage Codes
Acme Aerospace	31467,0A480,64015
Actron	52607
Adel Wiggins	83930
ADS (Aerospace Display Systems)	82686,65907,25805
American Seal and Engineering	9G389
Amphenol-AirLB	F0394
Amphenol-PCD	58982
Ancra	31272
Astronics-DME	55827
Astronova	54318,54418
ATS (AAXICO Technical Services)	1GHW3
Auxitrol	F2276,3J805
Becker Avionics	D2356
Bergen Cable	70958
Carlisle-Belden	92607,JM294,2W733
Carlisle-TriStar	55104
Cole	31946
Collins Aerospace-B/E Aerospace Blue Sky Interior	59579
Collins Aerospace-B/E Aerospace Inventum	H0212
Collins Aerospace-fuel measurement	89305
Collins Aerospace-SIS floor panels, water/specialty systems	0AJJ0
Collins Aerospace-SIS pitot/aoa, speed/torque/oil sensors	59885
Collins Aerospace-SIS resistance/temp/engine sensors	60678
Collins Aerospace-SIS windshield wiper systems	0JC13
Conesys-JTech	59976,0FEP5,0BW78
Crouzet	FA0X2
Dayton Granger	55635
Device Technologies (DTI)	0HES0
Donaldson	13520,14818,18625, F0218
Eaton-Cooper,Viking	05574
Electroswitch	07150
Essex	0U058
Freudenberg-ISC	1CN74,05262,02988
General Ecology	61372
Harper Engineering	34941
Hi-Rel	0AG18
Holmberg	D9240
Honeywell-Elmwood Sensors	14604
Honeywell-Microswitch	91929,96744,K1401
Hutchinson-Barry Controls	13636
Hutchinson-ESPA, JPR, Stillman, LJF	F0215,FAEG6,95727,F0229
Hutchinson-Paulstra Vibrachoc	F6172,F0220
Ipeco	K9075
ITT Aerospace Controls	73760
ITT-Electrofilm	85932
ITT-Enidine	24403,3P7Q0
ITT-Industrial Tube	26831
Jenoptik	D3683
JetSeal	0HRD8
Kirkhill	75345
Koito	S5006
Korry	81590,15084
Lamart-incl Orcon	23788,1WfJ0,3HH73,4TXS8
Leach	00614,58657,F0219
Magee Plastics	64235
Mason, Janco	81759,91812
Meggitt CSS	05167,F1549,95266,25693,K0802,S3960,U6578
Meggitt MPC	60980,U1901,K1406

Supplier	Cage Codes
Micropump	0W2E1,32042
Nexans	F0241
Norwich	64375
Orolia	FAU27
Oshino	S3774,C7177
Parco	9D129
Parker-Chomerics	18565
Parker-CSS	83259
Parker-Filter	83099,0BX85,90005
Parker-Oring	02697
Parker-Shaw	99321
Pexco	3DLV8
Precix	70106
Proponent Honeywell License	99193,59364,70210,91547,64547,55284
Radiall	0FDA5
Recaro	C1084, 1T7T2
RMS	41118
RollOn	A5630
Safran-landing gear	35962, F0189, K0654
Safran-Specialty Products	86831
Safran-ventilation systems	F4957
Safran-Zodiac Driessen galley	H1912
Safran-Zodiac Driessen trolley	H1N01
Safran-Zodiac Oxygen Systems	F5341,53655
Schneller	21213
Schroth	C1624
Scientific Instruments	53547
Secan	F0569
Sensata (Kavlico)	22863
Sensor Systems	13691
SFS	DM498
Souriau	09922,F0225
St Gobain	F1925,D2504
Stabilus	55787
Switlik	78673
TA	84971,56271
Talon	4FSN4
TE-Amp, Raychem, Deutsch	00779,H2320,06090,09769,F1983,F8410
Technetics	56257,12193
Thales	0LWJ2,0RDV3,F9111,F0052,K0385
Thomas & Betts	56501,62315
Titeflex	78570,F6409
Trelleborg	K0654,F0235,09257,07128
Ultra Electronics	35918,50027,07147
Vision Systems	FAPB0
Voss	14242
Weston	K0405
WL Gore	65474,C1462,3GW40

A man with a beard and short hair, wearing a grey polo shirt and blue jeans, is smiling and pushing a green metal hand truck in a warehouse. In the background, another person is visible working. The right side of the image features a large, abstract graphic composed of various shades of orange and yellow geometric shapes, resembling a stylized flame or a cluster of crystals. The text "Wherever Our Customers Need Us" is overlaid on the left side of the image.

Wherever  
Our Customers  
Need Us

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With facilities strategically placed around the world and the independence to stay agile, Proponent is always ready to respond to our customers' needs, even when those needs change.

We are committed to supporting our aircraft operators, maintenance organizations and OEM customers – wherever they may be.

We'd love to hear how Proponent can better serve your needs. Please let us know by emailing [sales@proponent.com](mailto:sales@proponent.com) or by calling your local Proponent representative at any time.

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## OUR GLOBAL NETWORK

### THE AMERICAS

California (Global HQ)

+1 714-223-5400

Connecticut

+1 860-581-5700

Florida

+1 954-247-6680

Sao Paulo

+55 11 98407 00 08

### EUROPE

Netherlands

+31 (0)172 449777

Germany

+49 6105 9701 0

Spain

+34 917 210 483

United Kingdom

+44 1420 482900

### ASIA

Singapore

+65 62143233

PR China

+86 20 87337907

Beijing

+86 10 80486334

Shanghai

+86 21 61456921

Hong Kong

+852 23101868

### MIDDLE EAST

Dubai

+31 (0)172 449777







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