

No attempt has been made to rank the information contained in this report in order of importance, since BPA Worldwide believes this is a judgment which must be made by the user of the report.

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AEROSPACE MANUFACTURING AND DESIGN is a B2B brand intended for individuals with broad based interests in the aerospace manufacturing industry including commercial, private, and government/military sectors. The publication is also tailored to contract/equipment manufacturers and maintenance, repair, and overhaul (MRO) personnel in the aviation industry. The brand content and editorial scope of the publication includes news and industry coverage, in-depth technical articles, industry round-up and special features. The content of every issue is also available to subscribers globally via the online digital version.

FIELD SERVED

AEROSPACE MANUFACTURING AND DESIGN serves aerospace/aircraft manufacturers; contract/equipment manufacturers; maintenance, repair, and overhaul businesses serving the aerospace industry; and others allied to the field including research & development (R&D), testing & design and quality assurance businesses.

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients are corporate management, engineering management, manufacturing/production engineering, design/development engineering, plant management, manufacturing/production management, quality management, purchasing and other job functions allied to the field.

CHANNELS

AEROSPACE MANUFACTURING AND DESIGN MAGAZINE



5 issues in the period
19,025 average circulation

EXECUTIVE SUMMARY

Below are the average contacts per occurrence, including frequency per period reported.

	Non-Paid	Paid	Average
AEROSPACE MANUFACTURING AND DESIGN MAGAZINE Unique Total* (5 issues in the period)	19,025	-	19,025
a. Print	13,700	-	13,700
b. Digital	7,447	-	7,447
1. Requested	7,447	-	7,447
2. Non-Requested	-	-	-

*Unique Total represents unique recipients, not the sum of Print and Digital.

AVERAGE NON-QUALIFIED CIRCULATION

Non-Qualified Not Included Elsewhere	Copies
Other Paid Circulation	-
Advertiser and Agency	1,402
Allocated for Trade Shows and Conventions	815
All Other	389
TOTAL	2,606

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR THE PERIOD

Qualified Circulation	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual	18,465	97.1	18,465	97.1	-	-
Sponsored Individually Addressed	-	-	-	-	-	-
Membership Benefit	-	-	-	-	-	-
Multi-Copy Same Addressee	560	2.9	560	2.9	-	-
Single Copy Sales	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	19,025	100.0	19,025	100.0	-	-

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD

2019 Issue	Print	Digital	Unique Total Qualified*
January/February	13,700	9,236	20,357
March	13,700	9,250	20,326
April	13,700	9,264	20,363
**May	13,700	-	13,700
June	13,700	9,482	20,377

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

** See Additional Data

3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF JUNE 2019

This issue is 9.0% or 1,690 copies above the average of the other 4 issues reported in Paragraph 2.

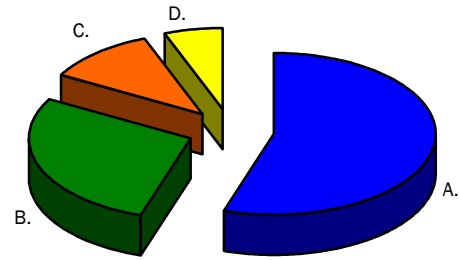
Business & Industry	Unique Total Qualified*	Percent of Total	Print	Digital	Corporate Management	Design/ Development Engineering, Engineering Management	Manufacturing/ Production Management, Plant Management, Manufacturing/ Production Engineering, (Note 1)	Purchasing	Other Job Functions Allied to the Field
Aerospace/Aircraft Manufacturer (commercial, private, government/military)	11,181	54.9	7,907	4,696	2,677	4,310	3,765	208	221
Job Shop/Contract Manufacturer	5,742	28.2	3,890	2,723	2,116	1,642	1,747	125	112
Maintenance, Repair and Overhaul (MRO)	2,262	11.1	1,563	993	1,126	482	513	61	80
Others Allied to the Field	1,192	5.8	340	1,070	282	353	151	18	388
UNIQUE TOTAL QUALIFIED CIRCULATION*	20,377	100.0	13,700	9,482	6,201	6,787	6,176	412	801
PERCENT	100.0		67.2	46.5	30.5	33.3	30.3	2.0	3.9

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

Note 1: Includes Quality Management.

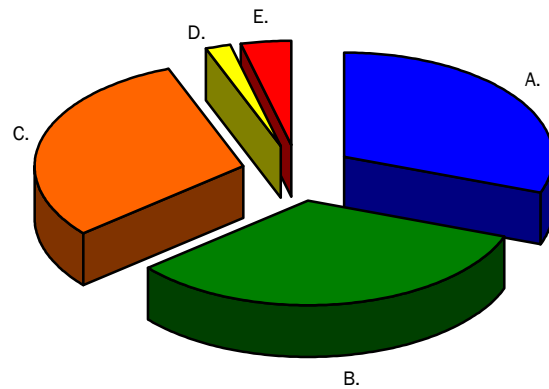
3a. Breakout of Qualified Circulation by Business and Industry

	Business and Industry	Total Qualified	Percent of Total
A.	Aerospace/Aircraft Manufacturer (commercial, private, government/military)	11,181	54.9
B.	Job Shop/Contract Manufacturer	5,742	28.2
C.	Maintenance, Repair and Overhaul (MRO)	2,262	11.1
D.	Others Allied to the Field	1,192	5.8



3a. Breakout of Qualified Circulation by Job Function

	Job Function	Total Qualified	Percent of Total
A.	Corporate Management	6,201	30.5
B.	Design/Development Engineering, Engineering Management	6,787	33.3
C.	Manufacturing/Production Management, Plant Management, Manufacturing/Production Engineering	6,176	30.3
D.	Purchasing	412	2.0
E.	Other Job Functions Allied to the Field	801	3.9



3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF JUNE 2019

Qualification Source	Qualified Within			Print	Digital	Unique Total Qualified*	Percent
	1 Year	2 Years	3 Years				
I. Direct Request:	16,083	2,478	-	11,884	9,482	18,561	91.1
II. Request from recipient's company:	-	-	-	-	-	-	-
III. Membership Benefit:	-	-	-	-	-	-	-
IV. Communication from recipient or recipient's company (other than request):	-	-	-	-	-	-	-
V. TOTAL – Sources other than above (listed alphabetically):	1,816	-	-	1,816	-	1,816	8.9
Association rosters and directories	-	-	-	-	-	-	-
**Business directories	1,816	-	-	1,816	-	1,816	8.9
Manufacturer's, distributor's, and wholesaler's lists	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-
VI. Single Copy Sales:	-	-	-	-	-	-	-
UNIQUE TOTAL QUALIFIED CIRCULATION*	17,899	2,478	-	13,700	9,482	20,377	100.0
PERCENT	87.8	12.2	-	67.2	46.5	100.0	

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

**See Additional Data

3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF JUNE 2019

Mailing Address	Print	Digital	Unique Total Qualified*	Percent
Individuals by name and title and/or function	13,109	9,482	19,786	97.1
Individuals by name only	-	-	-	-
Titles or functions only	-	-	-	-
Company names only	-	-	-	-
Multi-Copy Same Addressee copies	591	-	591	2.9
Single Copy Sales	-	-	-	-
UNIQUE TOTAL QUALIFIED CIRCULATION*	13,700	9,482	20,377	100.0

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

	Audited Data	Audited Data	Audited Data	Audited Data	Audited Data	Circulation Claim
6-Month Period Ended:	July – December 2016	January – June 2017	July – December 2017	January – June 2018	July – December 2018	January – June 2019*
Unique Total Audit Average						
Qualified***:	20,307	20,109	20,099	20,063	20,267	19,025
Unique Qualified Non-Paid***:	20,307	20,109	20,099	20,063	20,267	19,025
Print:	15,706	15,700	15,700	14,763	13,700	13,700
Digital:	8,207	8,613	8,851	8,918	9,111	7,447
Unique Qualified Paid***:	-	-	-	-	-	-
Print:	-	-	-	-	-	-
Digital:	-	-	-	-	-	-
Post Expire Copies included in						
Total Qualified Circulation:	**NC	**NC	**NC	**NC	**NC	**NC
Average Annual Order Price:	**NC	**NC	**NC	**NC	**NC	**NC

**NC = None Claimed.

***Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

[illegible]

*Unique Total Qualified represents unique recipients, not the sum of Print and Digital.

METHOD OF DISTRIBUTION:

All qualified circulation conforms to the field served and definition of recipient qualification, as reported. Print copies are distributed via postal services or other carriers. Recipients of the digital version are notified via email when the version is available.

Replica Plus – If a print edition exists, “plus” is editorial that is retained from the original edition and is redesigned and/or supplemented. Each issue’s content is primarily taken (but not necessarily replicated in its entirety) from the original edition (whether in print or digital). Apart from minor updates, the content cannot change once the issue is made available.

9,400 copies of the May 2019 digital edition were delivered at a later date than allowed to report as qualified distribution.

Business directories include 1 source of circulation for a quantity of 1,816 copies or 8.9%.

We hereby make oath and say that all data set forth in this statement are true.

Mike DiFranco, Publisher

Eric Oster, Audience Development Associate

(At least one of the above signatures must be that of an officer of the publishing company or its authorized representative.)

This unaudited brand report has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed	July 12, 2019
State	Ohio
City	Cuyahoga
Received by BPA Worldwide	July 12, 2019
Type	BD
ID Number	A530R019

A not-for-profit organization since 1931 and headquartered in Shelton, Connecticut, USA, BPA has a global membership, spanning more than 20 countries. The organization conducts 2,500+ audits for media brands in print, online/digital and live events. In addition, the BPA-iCompli division verifies compliance to defined industry standards, provides technology assurance, and certifies organization's sustainability practices and reporting. BPA is supported by 4,000+ advertiser and agency members. The latest innovation to move the industry forward is the BPA Media Exchange, a brand-safe and audited cooperative marketplace which offers automated solutions for the buying and selling of digital advertising.