## **REGION NORMS VS NATIONAL PASSING NORMS (WITHIN 60 DAYS)**

Please email all questions regarding this report or any other NORMs related information to: 9-AMC-AFS630-NORMS@faa.gov

All the data in the report is for the first test attempts within 60 days of the graduation date.

Partial completions or retakes are not included in this data.

**AMA** – Airman Maintenance Technician Airframe

AMG – Airman Maintenance Technician General

**AMP** – Airman Maintenance Technician Powerplant

#### **Quarter Data**

# of Applicants – Total number of applicants taking the test for the first time within 60 days of graduation from the region during the quarter.

# of Applicants Passed – Total number of applicants passing the test on the first attempt within 60 days of graduation during the quarter.

% of Applicants Passed – The percentage of applicants passing the test on the first attempt within 60 days of graduation during the quarter.

**Average Grade** – The average grade of first test attempts within 60 days of graduation during the quarter.

#### **Two Year Accumulative Data**

**Region Applicants** – The total number of applicants taking the test for the first time within 60 days of graduation from the region during the two year period.

**Region NORM** – The percentage of applicants passing the test on the first attempt within 60 days of graduation during the two year period.

National Applicants – The total number of applicants from all part 147 schools taking the test for the first time within 60 days of graduation during the two year period.

**National NORM** – The percentage of all applicants from all part 147 school passing the test on the first attempt within 60 days of graduation during the two year period.

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|                           |           | Ą               |                          | Γ QUARTER<br>to Jun 30, 20 |               | TWO YEAR ACCUMULATIVE Jul 1, 2014 to Jun 30, 2016 |             |                        |               |  |  |
|---------------------------|-----------|-----------------|--------------------------|----------------------------|---------------|---|-------------|------------------------|---------------|--|--|
| REGION                    | TEST CODE | # of Applicants | # of Applicats<br>Passed | % of Applicants<br>Passed  | Average Grade | Region<br>Applicants                              | Region Norm | National<br>Applicants | National Norm |  |  |
| ALASKAN REGION            | AMA       | 2               | 2                        | 100%                       | 88            | 39  | 87          | 5436                   | 91            |  |  |
| ALASKAN REGION            | AMG       | 6               | 5                        | 83%                        | 81            | 35  | 94          | 6269                   | 90            |  |  |
| ALASKAN REGION            | AMP       | 8               | 8                        | 100%                       | 82            | 32  | 97          | 5827                   | 88            |  |  |
| CENTRAL REGION            | AMA       | 63              | 56                       | 89%                        | 82            | 423   | 91          | 5436                   | 91            |  |  |
| CENTRAL REGION            | AMG       | 51              | 47                       | 92%                        | 84            | 409   | 94          | 6269                   | 90            |  |  |
| CENTRAL REGION            | AMP       | 60              | 52                       | 87%                        | 78            | 402   | 87          | 5827                   | 88            |  |  |
| EASTERN REGION            | AMA       | 282             | 271                      | 96%                        | 83            | 1153  | 92          | 5436                   | 91            |  |  |
| EASTERN REGION            | AMG       | 292             | 273                      | 93%                        | 82            | 1369  | 87          | 6269                   | 90            |  |  |
| EASTERN REGION            | AMP       | 255             | 237                      | 93%                        | 81            | 1293  | 85          | 5827                   | 88            |  |  |
| GREAT LAKES REGION        | AMA       | 153             | 132                      | 86%                        | 80            | 739   | 91          | 5436                   | 91            |  |  |
| GREAT LAKES REGION        | AMG       | 130             | 124                      | 95%                        | 84            | 759   | 93          | 6269                   | 90            |  |  |
| GREAT LAKES REGION        | AMP       | 166             | 146                      | 88%                        | 79            | 763   | 90          | 5827                   | 88            |  |  |
| NORTHWEST MOUNTAIN REGION | AMA       | 55              | 52                       | 95%                        | 80            | 547   | 90          | 5436                   | 91            |  |  |
| NORTHWEST MOUNTAIN REGION | AMG       | 58              | 55                       | 95%                        | 82            | 564   | 94          | 6269                   | 90            |  |  |
| NORTHWEST MOUNTAIN REGION | AMP       | 78              | 75                       | 96%                        | 82            | 613   | 92          | 5827                   | 88            |  |  |
| SOUTHERN REGION           | AMA       | 138             | 125                      | 91%                        | 81            | 1203  | 91          | 5436                   | 91            |  |  |
| SOUTHERN REGION           | AMG       | 219             | 183                      | 84%                        | 80            | 1541  | 88          | 6269                   | 90            |  |  |
| SOUTHERN REGION           | AMP       | 202             | 182                      | 90%                        | 80            | 1344  | 87          | 5827                   | 88            |  |  |
| SOUTHWEST REGION          | AMA       | 118             | 98                       | 83%                        | 79            | 741   | 89          | 5436                   | 91            |  |  |
| SOUTHWEST REGION          | AMG       | 162             | 147                      | 91%                        | 82            | 924   | 88          | 6269                   | 90            |  |  |
| SOUTHWEST REGION          | AMP       | 142             | 127                      | 89%                        | 79            | 753   | 87          | 5827                   | 88            |  |  |
| WESTERN PACIFIC REGION    | AMA       | 87              | 81                       | 93%                        | 84            | 591   | 95          | 5436                   | 91            |  |  |
| WESTERN PACIFIC REGION    | AMG       | 96              | 88                       | 92%                        | 83            | 668   | 95          | 6269                   | 90            |  |  |
| WESTERN PACIFIC REGION    | AMP       | 127             | 112                      | 88%                        | 81            | 627   | 90          | 5827                   | 88            |  |  |

## **REGION NORMS VS NATIONAL PASSING NORMS (WITHIN 60 DAYS)**

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Partial completions or retakes are not included in this data.

**AMA** – Airman Maintenance Technician Airframe

AMG – Airman Maintenance Technician General

**AMP** – Airman Maintenance Technician Powerplant

### **Topic Data**

**National** – The percentage of questions passed by topic of applicants from all part 147 schools taking the test for the first attempt within 60 days of graduation during the one year period.

**Region** – The percentage of questions passed by topic of region applicants taking the test for the first attempt within 60 days of graduation during the one year period.

Region percentages that appear in **red** are below the National average.

# REGION NORMS VS NATIONAL PASSING NORMS (WITHIN 60 DAYS) 1ST TEST ATTEMPT WITHIN 60 DAYS OF GRADUATION PERCENTAGE OF QUESTIONS PASSED BY TOPIC

WESTERN PACIFIC REGION

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|                           | JUL 1, 2015 TO JUN 30, 2016 |                   |                   |  |         |                      |                     |                               |  |                                     |                             |   |                       |                             |                              |                                 |                         |
|---------------------------|-----------------------------|-------------------|-------------------|--|---------|----------------------|---------------------|-------------------------------|--|-------------------------------------|-----------------------------|---|-----------------------|-----------------------------|------------------------------|---------------------------------|-------------------------|
| REGION                    | Wood Structures             | Aircraft Covering | Aircraft Finishes | Sheet Metal and<br>Non-Metallic Structures | Welding | Assembly and Rigging | Airframe Inspection | Aircraft Landing Gear Systems | Hydraulic and Pneumatic<br>Power Systems | Cabin Atmosphere Control<br>Systems | Aircraft Instrument Systems | Communication and<br>Navigation Systems | Aircraft Fuel Systems | Aircraft Electrical Systems | Position and Warning Systems | Ice and Rain Control<br>Systems | Fire Protection Systems |
| NATIONAL                  | 81.8%                       | 81.2%             | 90.2%             | 79.7%                                      | 86.6%   | 85.2%                | 75.3%               | 81.0%                         | 80.8%                                    | 78.4%                               | 81.6%                       | 81.7%                                   | 82.3%                 | 83.1%                       | 84.2%                        | 86.2%                           | 84.7%                   |
| ALASKAN REGION            | 84.2%                       | 94.7%             | 79.0%             | 82.8%                                      | 94.7%   | 85.7%                | 94.7%               | 80.7%                         | 77.3%                                    | 81.2%                               | 82.3%                       | 80.0%                                   | 86.6%                 | 81.7%                       | 87.6%                        | 91.2%                           | 83.3%                   |
| CENTRAL REGION            | 79.6%                       | 82.8%             | 89.6%             | 77.9%                                      | 85.9%   | 83.5%                | 75.8%               | 80.4%                         | 79.2%                                    | 77.3%                               | 82.3%                       | 80.3%                                   | 82.8%                 | 82.7%                       | 82.5%                        | 88.2%                           | 81.7%                   |
| EASTERN REGION            | 82.3%                       | 82.1%             | 89.3%             | 81.3%                                      | 88.8%   | 86.8%                | 74.4%               | 81.4%                         | 81.3%                                    | 80.2%                               | 81.4%                       | 83.0%                                   | 82.1%                 | 83.3%                       | 84.7%                        | 87.9%                           | 85.5%                   |
| GREAT LAKES REGION        | 79.2%                       | 77.9%             | 89.7%             | 79.9%                                      | 85.7%   | 83.1%                | 74.4%               | 79.9%                         | 79.6%                                    | 78.3%                               | 80.9%                       | 82.6%                                   | 82.8%                 | 82.6%                       | 82.9%                        | 85.3%                           | 82.0%                   |
| NORTHWEST MOUNTAIN REGION | 83.0%                       | 75.0%             | 88.0%             | 79.2%                                      | 86.1%   | 86.3%                | 77.2%               | 80.7%                         | 79.6%                                    | 77.1%                               | 83.0%                       | 82.4%                                   | 81.9%                 | 82.2%                       | 83.7%                        | 86.6%                           | 83.3%                   |
| SOUTHERN REGION           | 80.8%                       | 82.5%             | 91.7%             | 78.2%                                      | 87.0%   | 86.2%                | 76.2%               | 81.2%                         | 81.8%                                    | 78.1%                               | 80.9%                       | 79.9%                                   | 81.6%                 | 82.8%                       | 86.2%                        | 86.5%                           | 85.0%                   |
| SOUTHWEST REGION          | 81.2%                       | 83.4%             | 92.6%             | 79.3%                                      | 83.4%   | 82.6%                | 74.6%               | 81.0%                         | 80.2%                                    | 76.2%                               | 80.6%                       | 81.0%                                   | 80.8%                 | 83.0%                       | 82.4%                        | 83.2%                           | 85.1%                   |

87.3% **81.0% 89.5%** 81.3% 87.7% 86.6% **74.6%** 82.3% 82.8% 80.1% 83.9% 83.1% 84.9% 85.4% 84.6% **86.0%** 88.8%

# REGION NORMS VS NATIONAL PASSING NORMS (WITHIN 60 DAYS) 1ST TEST ATTEMPT WITHIN 60 DAYS OF GRADUATION PERCENTAGE OF QUESTIONS PASSED BY TOPIC

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JUL 1, 2015 TO JUN 30, 2016

|                           | JOE 1, 2013 TO JON 30, 2010 |                   |                    |                             |                            |                                   |                                   |             |                                  |               |                             |  |               |
|---------------------------|-----------------------------|-------------------|--------------------|-----------------------------|----------------------------|-----------------------------------|-----------------------------------|-------------|----------------------------------|---------------|-----------------------------|--|---------------|
| REGION                    | Basic Electricity           | Aircraft Drawings | Weight and Balance | Fluid Lines and<br>Fittings | Materials and<br>Processes | Ground Operation<br>and Servicing | Cleaning and<br>Corrosion Control | Mathematics | Maintenance Forms<br>and Records | Basic Physics | Maintenance<br>Publications | Mechanic Privileges<br>and Limitations | Human Factors |
| NATIONAL                  | 78.1%                       | 83.2%             | 84.4%              | 84.9%                       | 80.4%                      | 87.1%                             | 82.2%                             | 82.8%       | 86.3%                            | 84.8%         | 78.7%                       | 86.4%                                  | 68.4%         |
| ALASKAN REGION            | 78.2%                       | 82.6%             | 93.0%              | 83.2%                       | 84.9%                      | 82.5%                             | 82.6%                             | 77.9%       | 84.2%                            | 86.2%         | 83.7%                       | 88.1%                                  | 77.3%         |
| CENTRAL REGION            | 76.7%                       | 82.7%             | 85.1%              | 86.6%                       | 79.9%                      | 86.6%                             | 83.4%                             | 83.3%       | 84.7%                            | 86.4%         | 79.0%                       | 86.0%                                  | 65.4%         |
| EASTERN REGION            | 77.4%                       | 81.9%             | 85.8%              | 85.1%                       | 80.5%                      | 86.6%                             | 81.1%                             | 81.9%       | 86.5%                            | 85.0%         | 78.3%                       | 86.6%                                  | 69.6%         |
| GREAT LAKES REGION        | 80.1%                       | 83.7%             | 85.1%              | 85.8%                       | 82.8%                      | 88.0%                             | 81.8%                             | 84.9%       | 86.3%                            | 85.2%         | 78.2%                       | 87.6%                                  | 69.7%         |
| NORTHWEST MOUNTAIN REGION | 79.7%                       | 85.5%             | 85.9%              | 86.1%                       | 79.0%                      | 87.8%                             | 82.5%                             | 86.9%       | 88.4%                            | 84.3%         | 80.2%                       | 85.9%                                  | 67.5%         |
| SOUTHERN REGION           | 76.9%                       | 82.3%             | 80.8%              | 82.9%                       | 78.4%                      | 86.9%                             | 81.3%                             | 80.4%       | 86.5%                            | 83.5%         | 77.1%                       | 84.7%                                  | 66.2%         |
| SOUTHWEST REGION          | 77.3%                       | 83.5%             | 85.8%              | 84.2%                       | 80.8%                      | 86.2%                             | 83.1%                             | 84.0%       | 85.0%                            | 85.1%         | 79.0%                       | 87.5%                                  | 69.4%         |
| WESTERN PACIFIC REGION    | 80.5%                       | 85.5%             | 85.4%              | 87.4%                       | 82.5%                      | 88.8%                             | 84.5%                             | 83.5%       | 86.5%                            | 85.8%         | 81.8%                       | 87.5%                                  | 69.7%         |

**AMG** 

### **REGION NORMS VS NATIONAL PASSING NORMS (WITHIN 60 DAYS) 1ST TEST ATTEMPT WITHIN 60 DAYS OF GRADUATION** PERCENTAGE OF QUESTIONS PASSED BY TOPIC

2 QTR 2016

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IUI 1, 2015 TO IUN 30, 2016

|                           | JUL 1, 2015 10 JUN 30, 2016 |                 |                   |                              |                                   |                              |                     |                                  |                       |                     |   |                           |  |            |                       |
|---------------------------|-----------------------------|-----------------|-------------------|------------------------------|-----------------------------------|------------------------------|---------------------|----------------------------------|-----------------------|---------------------|---|---------------------------|--|------------|-----------------------|
| REGION                    | Reciprocating Engines       | Turbine Engines | Engine Inspection | Engine Instrument<br>Systems | Engine Fire Protection<br>Systems | Engine Electrical<br>Systems | Lubrication Systems | Ignition and Starting<br>Systems | Fuel Metering Systems | Engine Fuel Systems | Induction and Engine<br>Airflow Systems | Engine Cooling<br>Systems | Engine Exhaust and<br>Reverser Systems | Propellers | Auxiliary Power Units |
| NATIONAL                  | 83.1%                       | 82.3%           | 74.9%             | 84.5%                        | 77.4%                             | 78.6%                        | 79.1%               | 75.7%                            | 78.8%                 | 82.3%               | 80.4%                                   | 82.9%                     | 78.8%                                  | 81.4%      | 74.4%                 |
| ALASKAN REGION            | 84.5%                       | 87.7%           | 76.7%             | 88.0%                        | 75.0%                             | 79.6%                        | 80.0%               | 83.1%                            | 86.6%                 | 87.5%               | 83.8%                                   | 90.0%                     | 80.0%                                  | 85.6%      | 71.4%                 |
| CENTRAL REGION            | 81.6%                       | 80.4%           | 71.3%             | 82.3%                        | 76.0%                             | 77.7%                        | 77.7%               | 73.8%                            | 75.6%                 | 80.4%               | 77.9%                                   | 81.3%                     | 78.7%                                  | 78.7%      | 71.8%                 |
| EASTERN REGION            | 82.4%                       | 80.7%           | 75.0%             | 83.5%                        | 77.5%                             | 76.8%                        | 78.0%               | 74.9%                            | 78.9%                 | 82.6%               | 79.0%                                   | 83.1%                     | 77.7%                                  | 81.3%      | 76.0%                 |
| GREAT LAKES REGION        | 82.6%                       | 83.3%           | 75.0%             | 84.6%                        | 77.0%                             | 77.0%                        | 77.9%               | 75.4%                            | 78.0%                 | 81.2%               | 80.8%                                   | 82.0%                     | 79.7%                                  | 80.6%      | 75.1%                 |
| NORTHWEST MOUNTAIN REGION | 85.6%                       | 85.0%           | 76.6%             | 87.5%                        | 80.4%                             | 82.8%                        | 81.5%               | 78.8%                            | 80.4%                 | 85.0%               | 82.4%                                   | 84.8%                     | 80.9%                                  | 83.6%      | 73.5%                 |
| SOUTHERN REGION           | 82.5%                       | 82.9%           | 74.9%             | 84.8%                        | 76.7%                             | 78.8%                        | 79.2%               | 74.9%                            | 78.7%                 | 80.8%               | 79.7%                                   | 82.3%                     | 78.9%                                  | 80.9%      | 72.1%                 |
| SOUTHWEST REGION          | 83.6%                       | 81.6%           | 74.2%             | 84.0%                        | 77.0%                             | 78.1%                        | 78.9%               | 75.0%                            | 78.6%                 | 82.3%               | 79.8%                                   | 82.6%                     | 76.2%                                  | 81.6%      | 75.6%                 |
| WESTERN PACIFIC REGION    | 83.9%                       | 82.4%           | 75.9%             | 84.8%                        | 77.7%                             | 81.0%                        | 82.3%               | 78.0%                            | 80.4%                 | 84.4%               | 84.5%                                   | 84.0%                     | 81.4%                                  | 83.2%      | 75.9%                 |

**AMP**