

# NON-SCHOOL NORMS VS NATIONAL PASSING NORMS

8080-04

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

**All the data in the report is for the first test attempts who did not report graduating from a school.**

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 from the region during the quarter.

**# of Applicants Passed** – Total number of applicants passing the test on the first attempt during the quarter.

**% of Applicants Passed** – The percentage of applicants passing the test on the first attempt during the quarter.

**Average Grade** – The average grade of first test attempts during the quarter.

## Two Year Accumulative Data

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

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

**National Applicants** – The total number of applicants from all part 147 schools taking the test for the first during the two year period.

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

**NON-SCHOOL NORMS VS NATIONAL PASSING NORMS  
1ST TEST ATTEMPT WITHOUT A SCHOOL**

**AMA - AMG - AMP**

**8080-04  
3 QTR 2014**

|                           |     | <b>CURRENT QUARTER</b>             |                               |                               |                      | <b>TWO YEAR ACCUMULATIVE</b>       |                    |                            |                      |
|---------------------------|-----|------------------------------------|-------------------------------|-------------------------------|----------------------|------------------------------------|--------------------|----------------------------|----------------------|
|                           |     | <b>Jul 1, 2014 to Sep 30, 2014</b> |                               |                               |                      | <b>Oct 1, 2012 to Sep 30, 2014</b> |                    |                            |                      |
|                           |     | <b># of Applicants</b>             | <b># of Applicants Passed</b> | <b>% of Applicants Passed</b> | <b>Average Grade</b> | <b>Region Applicants</b>           | <b>Region Norm</b> | <b>National Applicants</b> | <b>National Norm</b> |
| ALASKAN REGION            | AMA | 3                                  | 2                             | 67%                           | 75                   | 61                                 | 93                 | 6632                       | 88                   |
| ALASKAN REGION            | AMG | 7                                  | 5                             | 71%                           | 77                   | 70                                 | 90                 | 6899                       | 91                   |
| ALASKAN REGION            | AMP | 6                                  | 3                             | 50%                           | 66                   | 63                                 | 79                 | 6230                       | 80                   |
| CENTRAL REGION            | AMA | 222                                | 202                           | 91%                           | 82                   | 1522                               | 89                 | 6632                       | 88                   |
| CENTRAL REGION            | AMG | 213                                | 198                           | 93%                           | 81                   | 1526                               | 90                 | 6899                       | 91                   |
| CENTRAL REGION            | AMP | 201                                | 138                           | 69%                           | 74                   | 1433                               | 74                 | 6230                       | 80                   |
| EASTERN REGION            | AMA | 91                                 | 81                            | 89%                           | 81                   | 719                                | 88                 | 6632                       | 88                   |
| EASTERN REGION            | AMG | 122                                | 114                           | 93%                           | 83                   | 765                                | 93                 | 6899                       | 91                   |
| EASTERN REGION            | AMP | 81                                 | 67                            | 83%                           | 77                   | 645                                | 84                 | 6230                       | 80                   |
| GREAT LAKES REGION        | AMA | 14                                 | 11                            | 79%                           | 79                   | 168                                | 90                 | 6632                       | 88                   |
| GREAT LAKES REGION        | AMG | 20                                 | 16                            | 80%                           | 79                   | 207                                | 91                 | 6899                       | 91                   |
| GREAT LAKES REGION        | AMP | 10                                 | 8                             | 80%                           | 77                   | 171                                | 88                 | 6230                       | 80                   |
| NORTHWEST MOUNTAIN REGION | AMA | 32                                 | 29                            | 91%                           | 81                   | 238                                | 91                 | 6632                       | 88                   |
| NORTHWEST MOUNTAIN REGION | AMG | 22                                 | 21                            | 95%                           | 85                   | 263                                | 91                 | 6899                       | 91                   |
| NORTHWEST MOUNTAIN REGION | AMP | 25                                 | 21                            | 84%                           | 79                   | 207                                | 88                 | 6230                       | 80                   |
| SOUTHERN REGION           | AMA | 239                                | 199                           | 83%                           | 79                   | 1785                               | 86                 | 6632                       | 88                   |
| SOUTHERN REGION           | AMG | 250                                | 209                           | 84%                           | 79                   | 1877                               | 91                 | 6899                       | 91                   |
| SOUTHERN REGION           | AMP | 219                                | 161                           | 74%                           | 75                   | 1640                               | 81                 | 6230                       | 80                   |
| SOUTHWEST REGION          | AMA | 120                                | 104                           | 87%                           | 79                   | 1286                               | 89                 | 6632                       | 88                   |
| SOUTHWEST REGION          | AMG | 130                                | 113                           | 87%                           | 79                   | 1287                               | 92                 | 6899                       | 91                   |
| SOUTHWEST REGION          | AMP | 132                                | 98                            | 74%                           | 75                   | 1232                               | 82                 | 6230                       | 80                   |
| WESTERN PACIFIC REGION    | AMA | 115                                | 97                            | 84%                           | 79                   | 853                                | 89                 | 6632                       | 88                   |
| WESTERN PACIFIC REGION    | AMG | 123                                | 110                           | 89%                           | 81                   | 904                                | 92                 | 6899                       | 91                   |
| WESTERN PACIFIC REGION    | AMP | 120                                | 93                            | 78%                           | 77                   | 839                                | 81                 | 6230                       | 80                   |

## NON-SCHOOL NORMS VS NATIONAL PASSING NORMS

8080-04

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

**All the data in the report is for the first test attempts who did not report graduating from a school.**

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 during the one year period.

**Region** – The percentage of questions passed by topic of school applicants taking the test for the first attempt during the one year period.

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

**NON-SCHOOL NORMS VS NATIONAL PASSING NORMS  
1ST TEST ATTEMPT WITHOUT A SCHOOL  
PERCENTAGE OF QUESTIONS PASSED BY TOPIC**

**AMA**

**8080-04  
3 QTR 2014**

**OCT 1, 2013 TO SEP 30, 2014**

|                           | Wood Structures | Aircraft Covering | Aircraft Finishes | Sheet Metal and Non-Metallic Structures | Welding      | Assembly and Rigging | Airframe Inspection | Aircraft Landing Gear Systems | Hydraulic and Pneumatic Power Systems | Cabin Atmosphere Control Systems | Aircraft Instrument Systems | Communication and Navigation Systems | Aircraft Fuel Systems | Aircraft Electrical Systems | Position and Warning Systems | Ice and Rain Control Systems | Fire Protection Systems |
|---------------------------|-----------------|-------------------|-------------------|---|--------------|----------------------|---------------------|-------------------------------|---------------------------------------|----------------------------------|-----------------------------|--------------------------------------|-----------------------|-----------------------------|------------------------------|------------------------------|-------------------------|
| <b>NATIONAL</b>           | <b>76.3%</b>    | <b>79.6%</b>      | <b>88.7%</b>      | <b>79.2%</b>                            | <b>85.3%</b> | <b>81.8%</b>         | <b>74.9%</b>        | <b>81.0%</b>                  | <b>78.9%</b>                          | <b>77.1%</b>                     | <b>80.7%</b>                | <b>82.5%</b>                         | <b>83.7%</b>          | <b>81.8%</b>                | <b>82.2%</b>                 | <b>82.4%</b>                 | <b>80.6%</b>            |
| ALASKAN REGION            | 78.6%           | 80.0%             | 96.0%             | <b>79.1%</b>                            | 88.0%        | 84.6%                | 80.0%               | 84.2%                         | <b>76.2%</b>                          | 78.3%                            | <b>77.2%</b>                | <b>80.0%</b>                         | <b>80.4%</b>          | 83.1%                       | <b>78.6%</b>                 | <b>80.0%</b>                 | 87.5%                   |
| CENTRAL REGION            | 78.8%           | 80.7%             | 92.3%             | 80.2%                                   | 88.2%        | <b>81.1%</b>         | <b>74.5%</b>        | 82.1%                         | 79.0%                                 | <b>76.7%</b>                     | 81.3%                       | 84.5%                                | 86.4%                 | 82.1%                       | 82.3%                        | <b>79.2%</b>                 | 82.6%                   |
| EASTERN REGION            | <b>72.3%</b>    | <b>79.1%</b>      | <b>85.6%</b>      | <b>77.5%</b>                            | <b>84.9%</b> | <b>81.6%</b>         | <b>74.6%</b>        | <b>79.2%</b>                  | <b>77.8%</b>                          | <b>76.2%</b>                     | <b>80.1%</b>                | <b>82.2%</b>                         | <b>83.5%</b>          | 82.0%                       | <b>81.9%</b>                 | 83.6%                        | 80.9%                   |
| GREAT LAKES REGION        | 79.6%           | 80.3%             | 92.1%             | 80.5%                                   | 89.9%        | 84.8%                | 82.9%               | 85.7%                         | <b>78.9%</b>                          | 77.6%                            | 81.7%                       | 84.5%                                | <b>82.2%</b>          | 83.1%                       | <b>81.4%</b>                 | 89.0%                        | 83.6%                   |
| NORTHWEST MOUNTAIN REGION | <b>74.1%</b>    | <b>75.5%</b>      | 90.8%             | 83.2%                                   | <b>83.3%</b> | 86.3%                | <b>74.5%</b>        | 85.2%                         | 83.2%                                 | 78.6%                            | 83.8%                       | 84.5%                                | 85.0%                 | 83.2%                       | 85.0%                        | 93.2%                        | 81.4%                   |
| SOUTHERN REGION           | 78.3%           | 80.1%             | <b>86.7%</b>      | 79.2%                                   | 85.4%        | 81.9%                | 75.5%               | <b>80.9%</b>                  | 79.1%                                 | 78.8%                            | 81.0%                       | <b>81.8%</b>                         | <b>82.6%</b>          | <b>80.9%</b>                | 82.7%                        | 83.4%                        | <b>78.7%</b>            |
| SOUTHWEST REGION          | <b>73.4%</b>    | <b>76.6%</b>      | <b>86.6%</b>      | <b>77.7%</b>                            | <b>82.5%</b> | <b>81.0%</b>         | <b>70.7%</b>        | <b>79.7%</b>                  | <b>77.9%</b>                          | <b>75.2%</b>                     | <b>78.7%</b>                | <b>80.9%</b>                         | <b>82.1%</b>          | 81.9%                       | <b>80.8%</b>                 | 82.6%                        | <b>78.3%</b>            |
| WESTERN PACIFIC REGION    | <b>75.0%</b>    | 82.1%             | 90.2%             | 79.5%                                   | <b>83.7%</b> | 82.2%                | 79.1%               | <b>80.5%</b>                  | 80.0%                                 | 77.2%                            | 81.3%                       | <b>82.0%</b>                         | 83.8%                 | 82.0%                       | 82.8%                        | <b>81.3%</b>                 | 82.7%                   |

**NON-SCHOOL NORMS VS NATIONAL PASSING NORMS  
1ST TEST ATTEMPT WITHOUT A SCHOOL  
PERCENTAGE OF QUESTIONS PASSED BY TOPIC**

**AMG**

**8080-04  
3 QTR 2014**

**OCT 1, 2013 TO SEP 30, 2014**

|                           | Basic Electricity | Aircraft Drawings | Weight and Balance | Fluid Lines and Fittings | Materials and Processes | Ground Operation and Servicing | Cleaning and Corrosion Control | Mathematics  | Maintenance Forms and Records | Basic Physics | Maintenance Publications | Mechanic Privileges and Limitations | Human Factors |
|---------------------------|-------------------|-------------------|--------------------|--------------------------|-------------------------|--------------------------------|--------------------------------|--------------|-------------------------------|---------------|--------------------------|-------------------------------------|---------------|
| <b>NATIONAL</b>           | <b>78.2%</b>      | <b>86.0%</b>      | <b>83.1%</b>       | <b>85.2%</b>             | <b>80.1%</b>            | <b>88.7%</b>                   | <b>82.9%</b>                   | <b>78.3%</b> | <b>85.2%</b>                  | <b>84.6%</b>  | <b>79.5%</b>             | <b>87.4%</b>                        | <b>71.2%</b>  |
| ALASKAN REGION            | 81.3%             | 86.5%             | <b>81.7%</b>       | <b>79.4%</b>             | 83.2%                   | 91.4%                          | <b>78.2%</b>                   | 82.6%        | 92.9%                         | <b>84.2%</b>  | <b>79.1%</b>             | <b>84.8%</b>                        | 72.4%         |
| CENTRAL REGION            | <b>77.8%</b>      | 86.0%             | 83.5%              | <b>82.2%</b>             | 81.2%                   | 90.0%                          | <b>80.3%</b>                   | <b>74.1%</b> | <b>82.8%</b>                  | <b>82.6%</b>  | <b>78.9%</b>             | 89.2%                               | 83.2%         |
| EASTERN REGION            | 79.4%             | 88.1%             | 83.4%              | 87.6%                    | <b>79.6%</b>            | <b>88.7%</b>                   | 83.1%                          | 82.9%        | 87.4%                         | 85.9%         | 80.3%                    | 88.8%                               | <b>68.3%</b>  |
| GREAT LAKES REGION        | 80.7%             | <b>85.8%</b>      | <b>82.2%</b>       | <b>82.9%</b>             | 81.3%                   | 89.5%                          | 84.7%                          | 80.2%        | <b>81.3%</b>                  | 88.5%         | <b>77.0%</b>             | <b>84.0%</b>                        | 72.6%         |
| NORTHWEST MOUNTAIN REGION | 78.2%             | 86.4%             | 87.6%              | 88.4%                    | 82.4%                   | <b>88.6%</b>                   | 85.8%                          | 82.4%        | 86.9%                         | 85.1%         | 84.5%                    | 88.8%                               | <b>66.3%</b>  |
| SOUTHERN REGION           | 78.3%             | 86.3%             | 84.0%              | 85.8%                    | <b>79.5%</b>            | <b>87.3%</b>                   | 83.6%                          | 79.2%        | 85.9%                         | 84.8%         | 80.0%                    | <b>86.4%</b>                        | <b>68.0%</b>  |
| SOUTHWEST REGION          | <b>76.7%</b>      | <b>84.8%</b>      | <b>79.9%</b>       | <b>84.9%</b>             | <b>79.2%</b>            | <b>87.3%</b>                   | <b>82.1%</b>                   | <b>78.1%</b> | 85.9%                         | <b>84.1%</b>  | <b>78.5%</b>             | <b>86.0%</b>                        | <b>64.5%</b>  |
| WESTERN PACIFIC REGION    | 78.8%             | <b>85.1%</b>      | 84.0%              | 86.9%                    | 80.6%                   | 90.7%                          | 85.4%                          | <b>78.1%</b> | <b>84.9%</b>                  | 86.0%         | 79.8%                    | 88.1%                               | <b>69.6%</b>  |

**NON-SCHOOL NORMS VS NATIONAL PASSING NORMS  
1ST TEST ATTEMPT WITHOUT A SCHOOL  
PERCENTAGE OF QUESTIONS PASSED BY TOPIC**

**AMP**

**8080-04  
3 QTR 2014**

**OCT 1, 2013 TO SEP 30, 2014**

|                           | Reciprocating Engines | Turbine Engines | Engine Inspection | Engine Instrument Systems | Engine Fire Protection Systems | Engine Electrical Systems | Lubrication Systems | Ignition and Starting Systems | Fuel Metering Systems | Engine Fuel Systems | Induction and Engine Airflow Systems | Engine Cooling Systems | Engine Exhaust and Reverser Systems | Propellers   | Auxiliary Power Units |
|---------------------------|-----------------------|-----------------|-------------------|---------------------------|--------------------------------|---------------------------|---------------------|-------------------------------|-----------------------|---------------------|--------------------------------------|------------------------|-------------------------------------|--------------|-----------------------|
| <b>NATIONAL</b>           | <b>78.8%</b>          | <b>77.0%</b>    | <b>71.9%</b>      | <b>80.8%</b>              | <b>74.0%</b>                   | <b>79.2%</b>              | <b>77.2%</b>        | <b>72.9%</b>                  | <b>74.3%</b>          | <b>79.2%</b>        | <b>76.4%</b>                         | <b>77.4%</b>           | <b>76.5%</b>                        | <b>77.0%</b> | <b>76.9%</b>          |
| ALASKAN REGION            | 80.0%                 | <b>76.6%</b>    | 74.1%             | <b>78.5%</b>              | 75.3%                          | <b>77.9%</b>              | 77.4%               | <b>72.3%</b>                  | <b>71.7%</b>          | <b>72.2%</b>        | <b>72.2%</b>                         | 77.8%                  | <b>72.2%</b>                        | <b>75.4%</b> | <b>54.8%</b>          |
| CENTRAL REGION            | <b>78.5%</b>          | <b>72.8%</b>    | 76.4%             | <b>78.2%</b>              | <b>73.2%</b>                   | <b>77.9%</b>              | <b>75.0%</b>        | 73.2%                         | <b>72.3%</b>          | <b>74.9%</b>        | <b>74.5%</b>                         | <b>73.7%</b>           | <b>73.2%</b>                        | <b>76.6%</b> | 77.3%                 |
| EASTERN REGION            | 79.3%                 | 77.6%           | <b>71.4%</b>      | 82.5%                     | <b>73.1%</b>                   | 81.0%                     | 79.3%               | 73.0%                         | 75.1%                 | 82.0%               | 77.7%                                | 79.7%                  | 77.7%                               | <b>76.6%</b> | 80.5%                 |
| GREAT LAKES REGION        | 81.4%                 | 79.7%           | <b>71.6%</b>      | 84.6%                     | <b>73.9%</b>                   | 81.0%                     | 81.4%               | 75.8%                         | 80.5%                 | 87.5%               | 81.4%                                | 87.8%                  | 79.4%                               | 80.7%        | 77.5%                 |
| NORTHWEST MOUNTAIN REGION | 81.9%                 | 80.9%           | 72.7%             | 82.7%                     | <b>72.3%</b>                   | 85.0%                     | <b>77.2%</b>        | 76.4%                         | 75.7%                 | 83.2%               | 80.9%                                | 86.9%                  | 83.4%                               | 83.6%        | 84.2%                 |
| SOUTHERN REGION           | <b>78.7%</b>          | 78.0%           | <b>70.6%</b>      | 82.5%                     | 76.3%                          | <b>79.1%</b>              | <b>76.8%</b>        | <b>71.9%</b>                  | <b>73.8%</b>          | 80.9%               | <b>76.0%</b>                         | <b>76.6%</b>           | 77.1%                               | 77.1%        | <b>76.1%</b>          |
| SOUTHWEST REGION          | <b>77.3%</b>          | 77.6%           | <b>69.3%</b>      | <b>80.6%</b>              | <b>72.1%</b>                   | <b>78.7%</b>              | <b>77.0%</b>        | <b>72.7%</b>                  | 74.7%                 | <b>78.2%</b>        | 76.6%                                | 78.9%                  | 77.2%                               | <b>75.6%</b> | 77.8%                 |
| WESTERN PACIFIC REGION    | 80.1%                 | 79.5%           | <b>70.8%</b>      | <b>80.2%</b>              | 74.1%                          | 79.7%                     | 79.8%               | 73.1%                         | 76.3%                 | 80.9%               | 77.3%                                | <b>77.4%</b>           | 77.5%                               | 77.7%        | <b>73.9%</b>          |