

# 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**

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REGION	TEST CODE	CURRENT QUARTER Oct 1, 2015 to Dec 31, 2015				TWO YEAR ACCUMULATIVE Jan 1, 2014 to Dec 31, 2015			
		# of Applicants	# of Applicants Passed	% of Applicants Passed	Average Grade	Region Applicants	Region Norm	National Applicants	National Norm
		ALASKAN REGION	AMA	6	5	83%	77	40	93
ALASKAN REGION	AMG	6	5	83%	81	53	87	6611	89
ALASKAN REGION	AMP	5	4	80%	82	56	73	5903	78
CENTRAL REGION	AMA	142	127	89%	82	1573	86	6279	87
CENTRAL REGION	AMG	157	146	93%	82	1601	90	6611	89
CENTRAL REGION	AMP	152	125	82%	78	1507	73	5903	78
EASTERN REGION	AMA	54	41	76%	77	631	87	6279	87
EASTERN REGION	AMG	47	43	91%	81	676	93	6611	89
EASTERN REGION	AMP	49	41	84%	79	568	79	5903	78
GREAT LAKES REGION	AMA	11	10	91%	82	170	88	6279	87
GREAT LAKES REGION	AMG	16	14	88%	80	192	86	6611	89
GREAT LAKES REGION	AMP	8	6	75%	74	163	87	5903	78
NORTHWEST MOUNTAIN REGION	AMA	19	16	84%	80	208	92	6279	87
NORTHWEST MOUNTAIN REGION	AMG	23	22	96%	83	238	91	6611	89
NORTHWEST MOUNTAIN REGION	AMP	16	12	75%	79	198	88	5903	78
SOUTHERN REGION	AMA	147	115	78%	77	1775	85	6279	87
SOUTHERN REGION	AMG	171	155	91%	79	1924	88	6611	89
SOUTHERN REGION	AMP	142	100	70%	74	1613	77	5903	78
SOUTHWEST REGION	AMA	112	102	91%	81	1096	89	6279	87
SOUTHWEST REGION	AMG	108	99	92%	81	1075	90	6611	89
SOUTHWEST REGION	AMP	96	82	85%	78	1038	82	5903	78
WESTERN PACIFIC REGION	AMA	57	48	84%	80	786	87	6279	87
WESTERN PACIFIC REGION	AMG	62	54	87%	80	852	90	6611	89
WESTERN PACIFIC REGION	AMP	50	36	72%	75	760	78	5903	78

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### 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**

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**JAN 1, 2015 TO DEC 31, 2015**

<b>REGION</b>	<b>Wood Structures</b>	<b>Aircraft Covering</b>	<b>Aircraft Finishes</b>	<b>Sheet Metal and Non-Metallic Structures</b>	<b>Welding</b>	<b>Assembly and Rigging</b>	<b>Airframe Inspection</b>	<b>Aircraft Landing Gear Systems</b>	<b>Hydraulic and Pneumatic Power Systems</b>	<b>Cabin Atmosphere Control Systems</b>	<b>Aircraft Instrument Systems</b>	<b>Communication and Navigation Systems</b>	<b>Aircraft Fuel Systems</b>	<b>Aircraft Electrical Systems</b>	<b>Position and Warning Systems</b>	<b>Ice and Rain Control Systems</b>	<b>Fire Protection Systems</b>
<b>NATIONAL</b>	<b>75.6%</b>	<b>77.5%</b>	<b>88.9%</b>	<b>77.8%</b>	<b>83.5%</b>	<b>82.0%</b>	<b>70.5%</b>	<b>80.0%</b>	<b>79.6%</b>	<b>74.5%</b>	<b>79.8%</b>	<b>80.7%</b>	<b>82.4%</b>	<b>80.7%</b>	<b>82.3%</b>	<b>83.2%</b>	<b>82.6%</b>
ALASKAN REGION	63.6%	80.0%	81.0%	77.7%	83.3%	79.7%	86.7%	79.3%	77.3%	67.4%	79.0%	78.0%	80.5%	77.8%	74.8%	88.3%	82.5%
CENTRAL REGION	78.5%	78.8%	90.0%	78.5%	84.1%	81.4%	71.6%	81.2%	78.8%	73.6%	80.0%	81.3%	84.7%	80.7%	81.1%	81.1%	83.8%
EASTERN REGION	72.2%	75.0%	87.2%	78.4%	82.5%	82.4%	68.0%	79.6%	80.5%	75.9%	80.9%	82.3%	83.3%	82.6%	84.2%	85.4%	82.5%
GREAT LAKES REGION	74.2%	75.0%	92.9%	79.4%	84.6%	82.9%	72.5%	81.2%	80.8%	72.9%	78.1%	81.2%	82.3%	79.5%	82.2%	80.2%	78.4%
NORTHWEST MOUNTAIN REGION	67.5%	80.4%	86.7%	77.3%	79.0%	85.6%	79.6%	81.8%	82.6%	74.2%	82.6%	80.9%	84.2%	81.7%	84.5%	83.0%	79.6%
SOUTHERN REGION	75.6%	76.3%	89.3%	76.9%	82.2%	80.9%	68.9%	78.4%	78.4%	74.7%	80.1%	80.0%	79.6%	78.8%	81.0%	83.4%	81.2%
SOUTHWEST REGION	76.3%	77.6%	88.7%	77.6%	84.3%	82.4%	69.8%	79.7%	80.1%	75.3%	78.3%	79.3%	82.4%	81.4%	82.5%	85.4%	82.8%
WESTERN PACIFIC REGION	74.3%	78.6%	86.9%	78.0%	85.9%	83.7%	70.4%	80.6%	81.5%	74.5%	79.5%	81.4%	82.7%	82.6%	85.6%	83.4%	84.9%

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1ST TEST ATTEMPT WITHOUT A SCHOOL  
PERCENTAGE OF QUESTIONS PASSED BY TOPIC**

**AMG**

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**JAN 1, 2015 TO DEC 31, 2015**

<b>REGION</b>	<b>Basic Electricity</b>	<b>Aircraft Drawings</b>	<b>Weight and Balance</b>	<b>Fluid Lines and Fittings</b>	<b>Materials and Processes</b>	<b>Ground Operation and Servicing</b>	<b>Cleaning and Corrosion Control</b>	<b>Mathematics</b>	<b>Maintenance Forms and Records</b>	<b>Basic Physics</b>	<b>Maintenance Publications</b>	<b>Mechanic Privileges and Limitations</b>	<b>Human Factors</b>
<b>NATIONAL</b>	<b>76.1%</b>	<b>84.0%</b>	<b>83.0%</b>	<b>84.7%</b>	<b>78.9%</b>	<b>87.0%</b>	<b>80.7%</b>	<b>78.8%</b>	<b>84.3%</b>	<b>82.4%</b>	<b>78.3%</b>	<b>84.3%</b>	<b>71.0%</b>
ALASKAN REGION	<b>75.9%</b>	<b>76.7%</b>	<b>81.1%</b>	<b>84.2%</b>	79.6%	<b>85.9%</b>	<b>71.4%</b>	80.3%	<b>80.9%</b>	85.8%	78.8%	<b>78.2%</b>	<b>66.7%</b>
CENTRAL REGION	<b>75.4%</b>	85.0%	84.3%	<b>83.1%</b>	79.7%	87.3%	<b>79.4%</b>	<b>75.9%</b>	<b>83.8%</b>	<b>79.9%</b>	79.7%	84.3%	81.9%
EASTERN REGION	77.7%	84.2%	84.0%	88.3%	79.6%	<b>86.6%</b>	82.2%	82.0%	85.0%	84.3%	<b>76.8%</b>	<b>83.4%</b>	<b>70.1%</b>
GREAT LAKES REGION	<b>75.0%</b>	<b>83.9%</b>	<b>80.3%</b>	85.0%	<b>78.4%</b>	<b>85.1%</b>	80.9%	<b>78.0%</b>	84.6%	<b>81.4%</b>	<b>77.4%</b>	<b>80.7%</b>	<b>70.0%</b>
NORTHWEST MOUNTAIN REGION	79.5%	87.5%	83.7%	87.5%	79.1%	<b>86.1%</b>	<b>79.0%</b>	85.1%	84.9%	86.6%	83.1%	85.5%	<b>71.0%</b>
SOUTHERN REGION	<b>75.1%</b>	<b>82.7%</b>	<b>82.4%</b>	<b>83.8%</b>	<b>77.7%</b>	87.1%	<b>80.5%</b>	<b>78.7%</b>	<b>84.2%</b>	<b>81.9%</b>	<b>78.0%</b>	84.6%	<b>66.2%</b>
SOUTHWEST REGION	76.8%	<b>83.6%</b>	<b>82.4%</b>	85.9%	79.4%	88.1%	82.6%	79.0%	84.5%	84.3%	<b>77.4%</b>	<b>84.1%</b>	<b>63.9%</b>
WESTERN PACIFIC REGION	76.4%	84.3%	<b>82.4%</b>	84.9%	79.0%	<b>86.1%</b>	81.6%	80.0%	85.0%	83.1%	<b>77.2%</b>	85.2%	<b>70.1%</b>

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

**AMP**

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**JAN 1, 2015 TO DEC 31, 2015**

<b>REGION</b>	<b>Reciprocating Engines</b>	<b>Turbine Engines</b>	<b>Engine Inspection</b>	<b>Engine Instrument Systems</b>	<b>Engine Fire Protection Systems</b>	<b>Engine Electrical Systems</b>	<b>Lubrication Systems</b>	<b>Ignition and Starting Systems</b>	<b>Fuel Metering Systems</b>	<b>Engine Fuel Systems</b>	<b>Induction and Engine Airflow Systems</b>	<b>Engine Cooling Systems</b>	<b>Engine Exhaust and Reverser Systems</b>	<b>Propellers</b>	<b>Auxiliary Power Units</b>
<b>NATIONAL</b>	<b>79.2%</b>	<b>76.7%</b>	<b>71.9%</b>	<b>80.4%</b>	<b>75.6%</b>	<b>78.8%</b>	<b>76.5%</b>	<b>72.5%</b>	<b>74.3%</b>	<b>78.5%</b>	<b>75.7%</b>	<b>77.2%</b>	<b>74.7%</b>	<b>76.9%</b>	<b>77.4%</b>
ALASKAN REGION	79.3%	77.8%	72.2%	83.3%	78.9%	79.3%	80.0%	<b>68.6%</b>	<b>73.3%</b>	80.8%	80.8%	80.0%	75.0%	78.0%	<b>77.4%</b>
CENTRAL REGION	79.7%	<b>73.3%</b>	74.3%	<b>78.7%</b>	77.4%	<b>77.8%</b>	<b>74.9%</b>	<b>71.7%</b>	<b>72.4%</b>	<b>75.5%</b>	<b>73.2%</b>	<b>74.6%</b>	<b>73.3%</b>	<b>76.1%</b>	77.5%
EASTERN REGION	<b>79.1%</b>	78.5%	74.2%	<b>80.3%</b>	<b>74.0%</b>	<b>78.5%</b>	77.7%	72.8%	75.0%	81.1%	76.4%	80.4%	76.7%	77.9%	<b>76.1%</b>
GREAT LAKES REGION	80.6%	80.1%	<b>70.7%</b>	82.2%	76.7%	81.3%	77.6%	74.4%	81.3%	82.8%	79.8%	84.3%	81.6%	79.3%	<b>73.9%</b>
NORTHWEST MOUNTAIN REGION	80.9%	80.9%	75.0%	85.8%	<b>73.1%</b>	81.8%	80.5%	76.6%	77.9%	82.2%	82.2%	85.3%	77.6%	79.6%	84.8%
SOUTHERN REGION	<b>78.4%</b>	<b>76.7%</b>	<b>69.9%</b>	80.9%	<b>75.1%</b>	78.8%	<b>75.3%</b>	<b>71.6%</b>	<b>73.2%</b>	<b>78.1%</b>	<b>75.4%</b>	<b>76.0%</b>	<b>74.0%</b>	<b>76.1%</b>	78.2%
SOUTHWEST REGION	<b>78.8%</b>	78.6%	72.4%	80.6%	75.7%	79.6%	78.1%	74.3%	76.5%	80.5%	77.4%	78.7%	76.2%	78.5%	77.6%
WESTERN PACIFIC REGION	79.4%	78.2%	<b>67.8%</b>	80.6%	<b>73.9%</b>	<b>78.1%</b>	77.7%	<b>71.7%</b>	<b>74.2%</b>	79.1%	<b>75.7%</b>	<b>76.8%</b>	<b>73.2%</b>	<b>76.4%</b>	<b>75.1%</b>