



# AG – Aerographer’s Mate

**Aerographer’s Mate** are the Navy's meteorological and oceanographic experts, trained in the science of meteorology and physical oceanography. They also learn to use instruments that monitor weather characteristics such as air pressure, temperature, humidity, wind speed and direction. They then distribute this data to aircraft, ships and shore activities.

### What They Do

- collecting, recording and analyzing weather and oceanographic information;
- preparing up-to-date weather maps and oceanographic data;
- issuing weather forecasts and warnings;
- conducting weather/oceanographic briefings;
- using, testing, calibrating and performing minor and preventive maintenance on meteorological instruments including satellite receivers;
- preparing balloon-carried instruments for flight, evaluating and analyzing data received;
- operating, programming and maintaining computers and related equipment.

### Working Environment

Men and women in the AG rating perform their duties in clean, comfortable office-like environments. Their work is usually mental, is done closely with others and requires little supervision.

### Opportunities

The opportunities to enter the AG rating are excellent for qualified candidates. Currently, about 1,300 men and women work in the AG rating.

### Qualifications and Interests

**Applicants must be U.S. citizens eligible for security clearance.** Applicants should have an interest in aviation and working with or around aircraft. They should be interested in weather systems and have basic skills in arithmetic, speaking, writing, and record keeping. Applicants should expect detailed work and repetitive tasks as part of their normal functions. Also important are a good memory and the ability to get along well with people.

Helpful attributes are an interest in ideas and information, resourcefulness, curiosity, competence with tools, equipment and machines, manual dexterity and teamwork.

**Normal hearing and color perception is required for this rating.**

### Earn College Credit



The American Council on Education recommends that semester hour credits be awarded in the vocational certificate and lower-division bachelor's/associate's degree categories for courses taken in this rating on office machines and general clerical procedures. To see the college credits available via a **Joint Service Transcript** for this rating:

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[https://www.cool.navy.mil/usn/jst/ag\\_jst.pdf](https://www.cool.navy.mil/usn/jst/ag_jst.pdf)

### Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through on-the-job training or formal Navy schooling. Advanced technical and operational training is available in this rating during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Class "A" Technical School	Keesler Air Force Base, Miss.	19 weeks	Observing, recording and plotting meteorological information and operating meteorological equipment and computers	Group instruction

Upon graduating from "A" school, AGs work toward qualification as environmental observers through completion of Personnel Qualification Standards (PQS). They also prepare for advanced training at "C" school by the four- to six-year career stage. Aerographer's mates are assigned to larger ships such as aircraft carriers, amphibious ships and cruisers, to naval air stations, weather centers, and other shore facilities in the United States or overseas. During a 20-year period in the Navy, AGs spend about 60 percent of their time assigned to fleet units and 40 percent to shore stations.



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## Earn Department of Labor (DOL) Nationally Recognized Apprenticeships



The United Services Military Apprenticeship Program (USMAP) is a formal military training program that provides active duty and Full Time Support (FTS) Service members the opportunity to improve their job skills and to complete their civilian apprenticeship requirements while they are on active duty. The U.S. Department of Labor (DOL) provides the nationally recognized "Certificate of Completion" upon program completion. Visit United Services Military Apprenticeship Program (USMAP) for LS apprenticeships.

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<https://usmap.netc.navy.mil/usmapss/static/navyRates.htm>

## Earn Industry Recognized Credentials



Navy Credentialing Opportunities On-Line (Navy COOL) Navy COOL catalogs and defines comprehensive information on occupational credentials - including certifications, licenses, and apprenticeships - correlating with every Navy rating and some collateral duties. It provides "how to" instructions for pursuing these credentials, links to credentialing organizations, and cross-references to programs that help Sailors pay for credentialing fees. Shortly following the initial rating technical training (Class "A" technical school), Sailors may be able to take advantage of earning civilian/industry certifications & licenses (credentials), funded through Navy COOL. Visit the Navy COOL website to view these opportunities. See the link below.

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<https://www.cool.navy.mil/usn/enlisted/ag.htm>

Download the Navy COOL App:

Navy COOL App (iOS):

<https://itunes.apple.com/us/app/navy-cool/id1053982994?ls=1&mt=8>

Navy COOL App (Android):

<https://play.google.com/store/apps/details?id=com.tracen.navycool>

## Manage a Navy Career with Navy LaDR (Learning and Development Roadmap)



To see the Navy LaDR (Learning and Development Roadmap) for this rating:

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[https://www.cool.navy.mil/usn/LaDR/ag\\_e1\\_e9.pdf](https://www.cool.navy.mil/usn/LaDR/ag_e1_e9.pdf)

## Earn Skill Sets Towards Civilian Related Occupations



The skill sets for this rating crosswalk to civilian related occupations listed by the U.S. Department of Labor. To see Related Civilian, Federal, and Military Sealift Command Occupations for this rating, see the link below.

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<https://www.cool.navy.mil/usn/enlisted/ag.htm>

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