

kk

by K K

Submission date: 28-Nov-2020 08:23PM (UTC+0500)

Submission ID: 1458657771

File name: An_air_traffic_controller.edited_1.docx (17.49K)

Word count: 588

Character count: 3297

Air Traffic Controller

Name

Institution Affiliations

Course Title

Date

An air traffic controller has the responsibility of directing the safe movement of aircraft safely, orderly, and maintaining an efficient ¹ flow of traffic within the overall air traffic control system. ¹ Air traffic control specialists are usually based on air traffic control stations and control towers on the ground. It is their responsibility to observe the location, speed, and altitude of the airplane in their allocated air space boundaries. Air traffic control specialists use to monitor the aircraft visually and by use of radars and communicate to the pilots using radio. Air traffic controllers have specializations in the various areas of control, approach, or aerodrome control. The specialization will also determine the typical kind of communication with the aircraft attendants, (Rohacs, *et al*, 2016).

The training of air traffic controllers begins with 12 to 18 months of college-based training, which includes practical and theoretical orientation within the learning process. The trainee is then posted to an orientation unit, to continue with their practical training, before acquiring an air traffic controller license. A trainee can have a starting salary of \$17,000, and an additional weekly payment of \$60. After completing training, the salary increases to between \$ 37,014 and \$ 41, 253 and eventually to a salary of up to even over \$100,000. Upon completion of training, a trainee can decide to work his/her way up to a managerial position. However, it's unlikely that a trainee will be able to move to a different role within the industry, since positions in the area, approach, and aerodrome are usually specialized, making the vast majority of people stay in their areas of training and specialization.

There are several core skills and qualities that air traffic controllers must possess. The majority of air traffic controllers specialize in the control area and work in the control centers. They are normal people who are well structured, fast with numeric calculations and mathematics, have

assertive and right decision-making abilities, and can work under pressure and still own their excellent short-term remembrance, strong eyesight, and color vision, ability to concentrate for long hours, excellent communication and team working skills and self-disciplined among other basic skills. Additionally, the career of the air traffic regulator necessitates some of the firmest health and mental stability necessities for any profession in the world, (Callari, *et al*, 2019).

Even though air traffic controller is a pretty demanding career, it is a good career since its rewards come in the good form of appreciating earning potential and also gaining the ability to advance to a higher level of responsibility. Air traffic directors qualify for a good bundle of federal paybacks which include sick leaves, annual leaves, life, and health insurance. Air traffic controllers also receive federal retirement benefits and can additionally be part of the government's Thrift Savings Plan. Although very challenging, it is a rewarding career, whose pay is good. Apart from the financial benefits, air controllers get the opportunity to develop their career into other fields of interest. It is a career whose working environment is very interesting and at all-time very enjoyable.

Reference

Callari, T. C., McDonald, N., Kirwan, B., & Cartmale, K. (2019). Investigating and operationalizing the mindful organizing construct in an Air Traffic Control organization. *Safety Science*, 120, 838-849.

Rohacs, J., Rohacs, D., & Jankovics, I. (2016). Conceptual development of an advanced air traffic control workstation based on objective workload monitoring and augmented reality. *Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering*, 230(9), 1747-1761.

ORIGINALITY REPORT

6%

SIMILARITY INDEX

2%

INTERNET SOURCES

0%

PUBLICATIONS

6%

STUDENT PAPERS

PRIMARY SOURCES

1

Submitted to Blaine High School

Student Paper

4%

2

webservice.name

Internet Source

2%

Exclude quotes On

Exclude bibliography On

Exclude matches Off