

## **Abstract**

This paper is to inform and discuss one of the leading aerospace companies in the industry which is Airbus. Airbus was founded 48 years ago by the European aeronautic defense and space company which is a multinational aerospace company as it is registered in the Netherlands and its shares are also traded in Germany, France and Spain. Furthermore, Airbus achieved great success as it was named the second biggest aerospace and defense company in the year 2018 trailing to its primary rival Boeing. Airbus is involved in many various aerospace fields such as the making of commercial aircrafts, Space missions and defense. Airbus produced many successful aircrafts over that past 48 years. Airbus produced many aircrafts over the period they have been in the market, the aircrafts vary in size, range, endurance and number of engines. Each aircraft is designed to accomplish a certain task. Furthermore, Airbus established a defense and space division in the year 2014. The space division oversees many missions such as exploring space, monitoring the earth and satellite navigation. On the other hand, the Airbus defense and security division is ranked first in Europe. Furthermore, Airbus defense and security division has many missions to accomplish such as but not limited to delivery missions, tanker and transport missions, multi role combat fighters' missions and tactical transport missions. Each mission requires a unique type of aircraft or fighter to accomplish. This paper discusses the various aircrafts and fighters produced by Airbus and the compatible missions for it.