

EDITORIAL NOTE

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The A320 entry into service represented a huge technological step forward for an airliner.

Not only was it a new, more efficient single aisle aircraft, it was also the first airliner to have fully fly-by-wire flight controls.

As Airbus followed the A320 with the A330/A340 Family, the A380 and A350 XWB, we have been able to create a whole family of aircraft with a similar cockpit concept and philosophy. Today this is a unique feature of the Airbus product line-up from the 100 seat A318 to an 525 seat A380, the look, feel and performance of an Airbus aircraft is consistent.

This has enabled Airbus to dramatically shorten the training times for flight crews. Reduced training times and multi-type ratings improves pilot efficiency and an airline's cost base.

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Airline Spotlight: Air Algérie

Air Algérie is the national flag carrier airline of Algeria formed in 1947 as Compagnie Générale de Transport and has been in operation for 64 years. Air Algérie operates scheduled international services to 39 destinations in 28 countries in Europe, North America, Africa, Asia and the Middle East, as well as domestic services to 32 airports. The airline is also the first African operator to start direct scheduled service into China using Airbus A330-200 aircraft.



Air Algérie A330 network

Air Algérie currently operates a fleet of 40 aircraft, and with average fleet age of 5 years, one of Africa's youngest fleet. Amongst the Air Algérie passenger aircraft fleet are five Airbus A330-200s. Air Algérie's Airbus fleet are utilized to serve mainly routes in Europe, Asia, Middle East, and Canada.



The operational cost efficiency enjoyed by Airbus A330-200 has allowed Air Algérie in achieving expansion of its long-haul network. In addition to network expansion and frequency increases, the Algerian flag carrier is in the process of cabin upgrades of its Airbus A330 aircraft fleet including new state of the art first class cabins and advanced In-flight entertainment systems (IFE).

To learn more please visit www.airalgerie.dz



Flight Operational Commonality benefits:

For the airlines

- **Greater operational flexibility**
- **Lower training costs and less time spent in training**
- **More efficient flying roster**
- **Reduced reserve pilot requirements**

For the pilots

- **More balanced workload**
- **Enhanced proficiency**
- **Better job prospects**
- **Greater motivation**

Airbus Family: Flight Operational Commonality

Airbus jetliners have become the aircraft of choice for operators worldwide – from low-cost carriers to full-service airlines flying many of the longest routes around the globe. On the forefront of competitive advantages enjoyed by the Airbus aircraft family is the concept of Flight Operational Commonality (FOC).

The entire range of Airbus new-generation airliners features virtually identical flight decks, common systems and fly-by-wire controls. Consequently, handling characteristics, flight procedures and crew task sharing are so similar that pilots trained on one of these aircraft feel equally at home in any of the others. This enables them and the airlines they work for to benefit from Cross Crew Qualification (CCQ) and Mixed Fleet Flying (MFF).

Flight crew training is essential to a pilot's proficiency and career path but it is expensive and imposes a heavy burden upon an airline's organization. The conventional method of training pilots to move from one aircraft type to another

typically keeps them off the duty roster for five weeks. This, together with type-specific annual training requirements, would normally make multi-type qualification uneconomic.

Fly-by-wire flight controls and a consistent flight deck and systems design philosophy enable Airbus to offer CCQ programmes and MFF opportunities to operators having more than one Airbus aircraft type.

The Airbus FOC features:

STR (Same Type Rating)
Flying several aircraft models with a single license endorsement

CCQ (Cross Crew Qualification)
Taking credit for learning already done

MFF (Mixed Fleet Flying)
Multi-type flying by one pool of pilots