

CANSO ATM TRAFFIC ANALYSIS REPORT

OCTOBER 2023

Global air traffic volumes remain well ahead of 2019

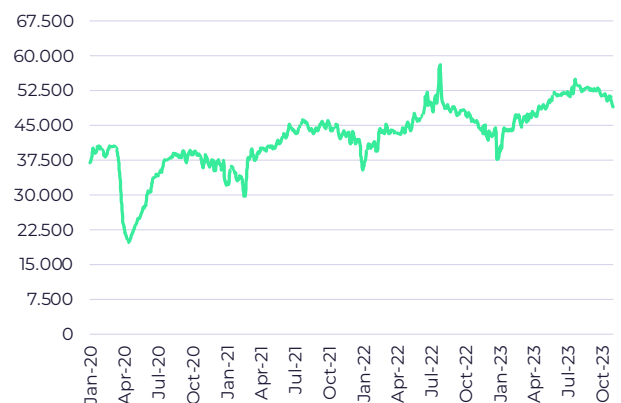
- There were approximately 4.21 million flights operated globally in October 2023. This represents a 16 per cent increase on the number of flights in October 2022 and is 23.3 per cent higher than the 3.41 million flights in October 2019.
- October 2023 saw 7.6 million flight hours operated globally. This is a 14.6 per cent increase on the number of flight hours in October 2022 and is 12.3 per cent higher than the 6.76 million flight hours operated in October 2019.

Q4 starts strong

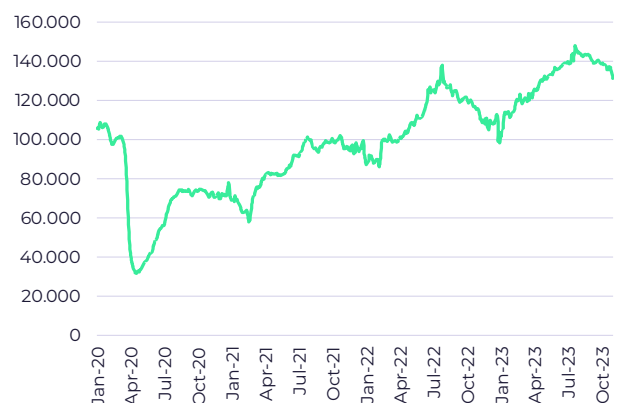
Globally there were an average of 135,700 daily flights and 245,200 daily flight hours in October, with numbers trending lower throughout the month.

The number of monthly flights and flight hours was down 5 per cent from the August peak volumes, a normal seasonal decline that demonstrates strong continued demand into the third quarter of 2023.

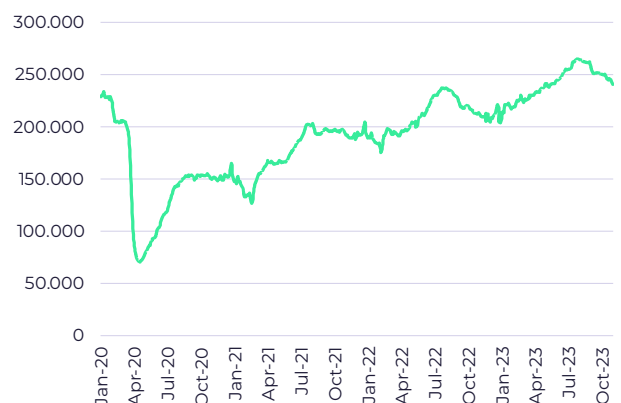
AVERAGE UNIQUE AIRCRAFT



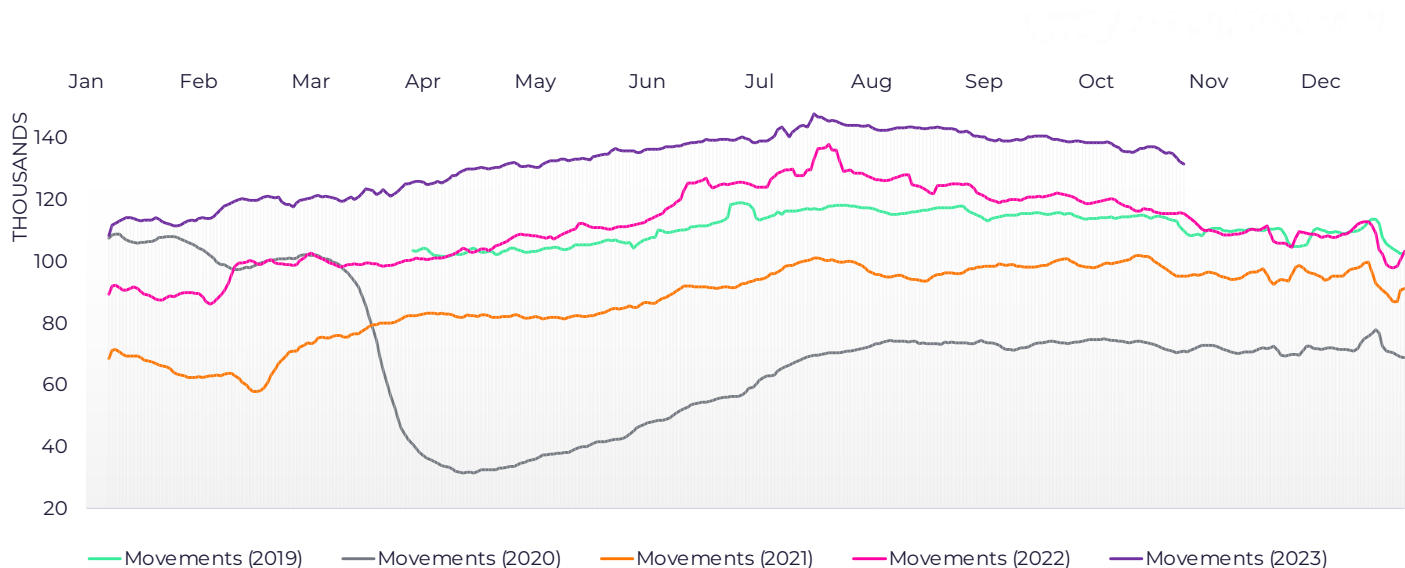
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

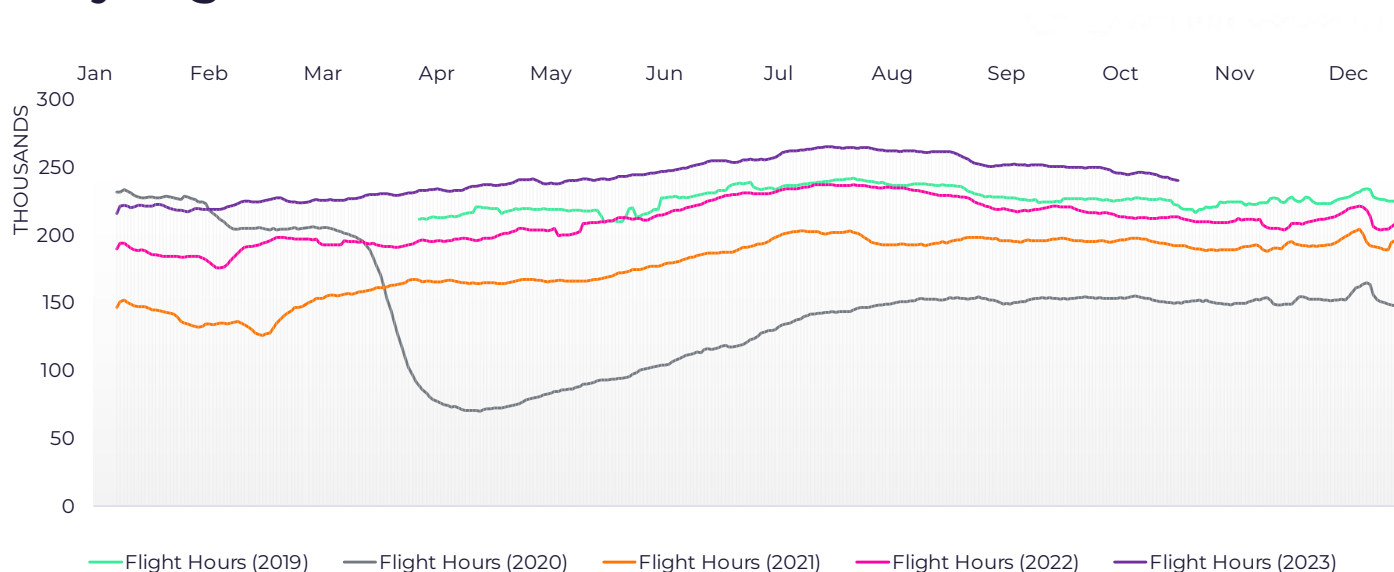


Global daily flights variation



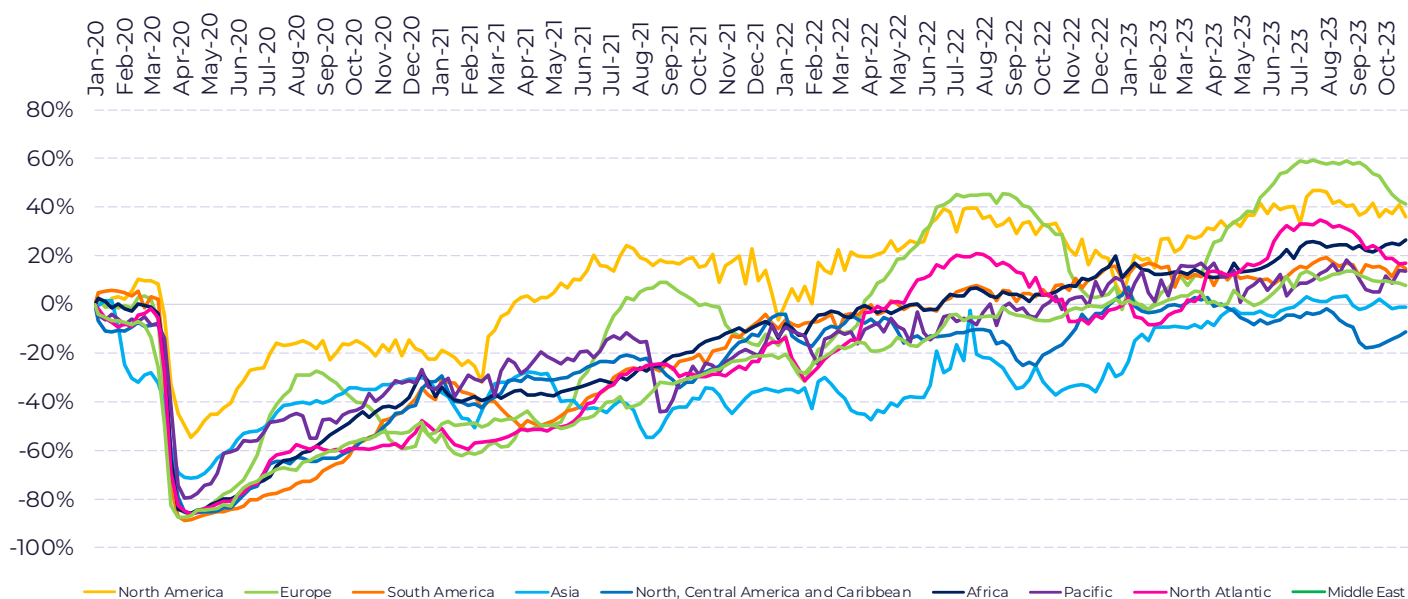
The rolling 7-day average of global daily flight volumes stayed between 133,500 and 138,500 flights daily in October.

Daily Flight Hours



Global flight hours are an important metric of ATM workload. The daily post pandemic high was set on 28 July when 269,000 flight hours were operated globally. In October daily flight hours ranged between 235,000 and 257,000 hours

Per cent change in movements by region



Seasonal declines in the North Atlantic and Europe in October were partially offset by smaller traffic increases in Africa, the Pacific and Central America and the Caribbean. Strong year over year performance was evident in Asia, Africa and the Middle East, as well as on the North Atlantic let other regions.

Year over Year growth in Flights and Flight Hours by Region

	Dates	Average daily flight hours	Per cent change	Average daily movements	Per cent change
Middle East	23-Oct-2022	9,300	11%	5,800	14%
	22-Oct-2023	10,300		6,600	
North America	23-Oct-2022	74,500	5%	48,900	6%
	22-Oct-2023	78,200		51,700	
Europe	23-Oct-2022	48,700	0%	32,200	9%
	22-Oct-2023	48,900		35,200	
South America	23-Oct-2022	10,600	8%	6,300	5%
	22-Oct-2023	11,500		6,600	
Asia	23-Oct-2022	51,300	45%	22,600	53%
	22-Oct-2023	74,600		34,600	
Caribbean	23-Oct-2022	7,600	7%	5,300	6%
	22-Oct-2023	8,100		5,600	
Africa	23-Oct-2022	4,300	21%	2,000	15%
	22-Oct-2023	5,200		2,300	
North Atlantic	23-Oct-2022	6,800	12%	2,300	17%
	22-Oct-2023	7,600		2,700	

ABOUT THE ATM REPORT

The ATM Report is issued monthly by CANSO as an analysis of metrics directly relevant to the ATM industry. The report uses high fidelity global space-based ADS-B air traffic data provided via a partnership with Aireon. The data includes surveillance of all 1090Mhz ADS-B Equipped aircraft. While some non-ADS-B equipped aircraft may not be included, the data is appropriate for the monitoring of global trends in traffic levels.



ABOUT CANSO

The Civil Air Navigation Services Organisation (CANSO) is the global voice of air traffic management. CANSO Members support almost 90 per cent of world air traffic and represent leading providers of technology and services to the industry. Members share information and develop new policies, with the ultimate aim of improving air navigation services.

For more information, please visit canso.org.



ABOUT AIREON

Aireon is harnessing next-generation aviation surveillance technologies that were formerly ground-based and, for the first time ever, is extending their reach globally through the use of satellite technology to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders.

For more information, please visit aireon.com.

