



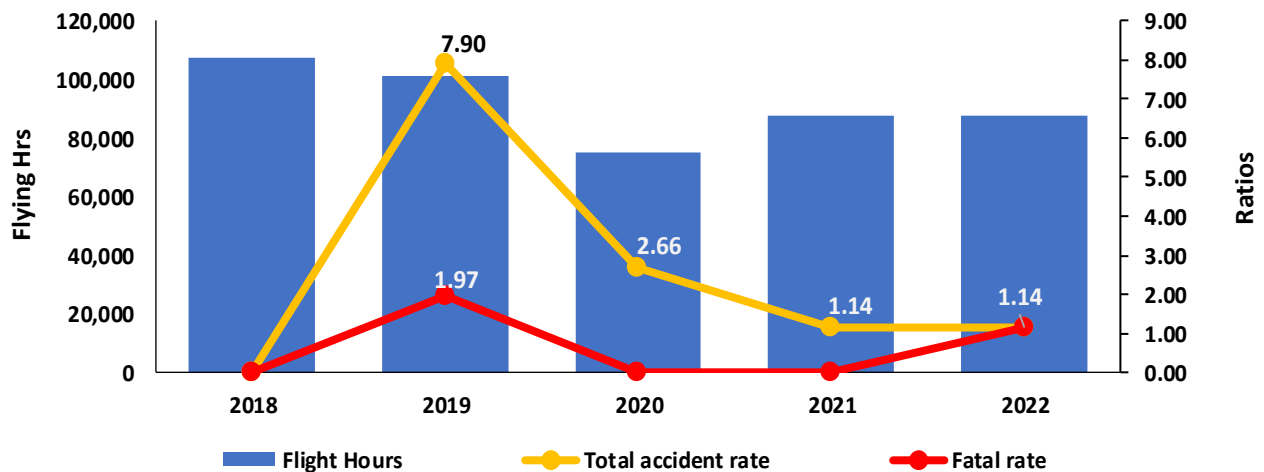
2022

Aviation Safety Summary

Aviation Safety Highlights

- One aviation accident (SA-330) resulting in eight (8) fatalities.
- A total of 454 aviation occurrence reports and 154 hazard reports.
- Two Remotely Piloted Aircraft Systems (UAS/RPAS) significant incidents (Falco).
- All 16 supported missions adopted iAviationSafety e-tool for aviation safety oversight and monitoring activities.
- 10 assessment and advisory visits to Troop Contributing Countries.
- 64 requests for safety advice processed in support of air vendor bidding exercises.
- 46 technical flight service vendor registration applications processed.
- 2,100 queries on Commercial Air Travel received and handled, and 5,600 air operator records processed supporting United Nations Security Management System organizations with commercial air travel.

DOS Accident Rates



Five Years DOS Aviation Accident Trend

	2018	2019	2020	2021	2022	Rates 2018-22	5 Yrs Trend
Flight hours	107,504	101,301	75,063	87,455	87,404		
Average fleet size	223	211	205	198	193		
Fatal accidents	0	2	0	0	1	0.65	→
Aircraft accidents	0	8	2	1	1	2.40	→
UAS/RPAS significant incidents	2	0	0	1	2	1.09	→

Rate: (Accidents x 100,000) / Total Hours;
2017-21 aircraft accident rate was 2.94; 2017-21 UAS/RPAS significant incidents rate was 1.47.



2022

Aviation Safety Summary

Aviation Safety Assurance Monitoring

- The Aviation Safety Section, OSCM/ DOS provided a Mission Aviation Safety Program (MASP) template to all DOS supported missions including guidance for Accident Prevention Efforts (APE) undertakings. Missions are updating and revising their MASP-APE annually to display the current Aviation Safety situation.
- Amongst other activities, the Aviation Safety Section monitors the implementation of the MASP-APE tasks. The monitoring forms part of the UNHQ Aviation Safety Assurance process. The MASP-APE involves four main components: Aviation Safety Statement & Objectives, Aviation Safety Risk Management, Aviation Safety Assurance, and Aviation Safety Promotion.
- For 2022, the overall MASP-APE activities' implementation-completion target was 80%; and missions reached 75% MASP-APE, which is an increase by 26% compared to 2021.
- Safety Performance improvements were observed in all MASP-APE components: Aviation Safety Statement & Objectives implementation increased by 14%, Aviation Safety Risk Management increased by 23%, Aviation Safety Assurance increased by 26%, and Aviation Safety Promotion increased by 1%. The table MASP-APE and Components depicts additional details.
- In addition to the above, the Aviation Safety Section delivered 42 one-on-one meetings / coaching related to Safety Assurance, in an effort to support client missions and continuously improve DOS Safety Performance.

MASP-APE and Components Implementation Comparison





2022

Aviation Safety Summary

Aviation Technical Vendors Registration 2022

Indicator	Current status	%
Submissions evaluated	46 out of 46	100
New applications evaluated	28 out of 28	100
Status update applications received	7 out of 7	100
Updated documentation	6 out of 6	100
First submission technically cleared	11 out of 29*	39
Declined in first attempt	17 out of 29*	61
Vendor visits per year	1 e-audit	
Technical suspensions	17	
Registration kick-off meeting held	73	
Aviation Business Seminar presented	14	
Technically registered vendors per country:	50 countries: 148 vendors	

* One (1) application corrective actions were pending from 2021

** In 2022 Technical Vendor Registration Unit published new edition of the UN Technical and Operational Evaluation Criteria for the Provision of Flight Service Vendor Registration for Manned and Unmanned Commercial Aircraft Charter Services (TOEC) Edition 4

DOS Aircraft Fleet

Aircraft	Civilian	Military	Total
Fixed Wing	51	3	54
Rotary Wing	54	70	124
UAS/RPAS	3	12	15
Total	108	85	193

Note: Average number of aircraft in 2022

Missions Passengers and Air Cargo Movement

Total Passengers	Cargo (Metric Tons)
493,945	50,204

Strategic Air Movement (Troops & Equipment)

Total Troops	Cargo (Metric Tons)
196,664	14,750

Source: Air Transport Service and Movement and Control Section, LD, OSCM/DOS