

INFORMAZIONI AERONAUTICHE È SAFETY

Prospettive

Priorità a livello globale

IATA Safety, Flight, Ground Ops Advisory Council:

- Supporto alla distribuzione di informazioni operative per la situation awareness delle compagnie aeree, specialmente per quanto riguarda la pianificazione dei voli.
- Collaborare con ICAO per affrontare le carenze nella qualità e tempestività della distribuzione delle informazioni aeronautiche.

ICAO NOTAM2021



ICAO | CAPACITY AND EFFICIENCY

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Global campaign on NOTAM improvement (NOTAM2021)

On any given day, there are some 35,000 active NOTAM circulating in the global air transport system. In 2020, the total number of NOTAM issued exceeded 1.7 million.

Yearly totals such as this have increased steadily over the years, on average by more than 100,000 annually. Due to the COVID pandemic, however, the total number of NOTAM decreased by five percent in 2020, the first decrease in over 10 years (*Source: Eurocontrol, International NOTAM statistics 2000-2020*).

It is not uncommon for a pre-flight briefing package supporting a long-haul international flight to contain more than 100 pages of NOTAM information. Findings have shown that twenty percent of these will be old NOTAM, exceeding their three-month applicability period.

On 8 April 2021 at 12:00 UTC, ICAO launched a new **Global Campaign on NOTAM Improvement (NOTAM2021)** by kicking off Phase 1 on old NOTAM with a webinar in collaboration with its seven regional offices. The objective is the significant reduction in the number of old NOTAM still in circulation.

NOTAMeter

Trend Analysis by Region

Select a region, or click **WORLD** for all:

- WORLD
- APAC
- ESAF
- EUR/NAT**
- MID
- NACC
- SAM
- WACAF

Total NOTAM

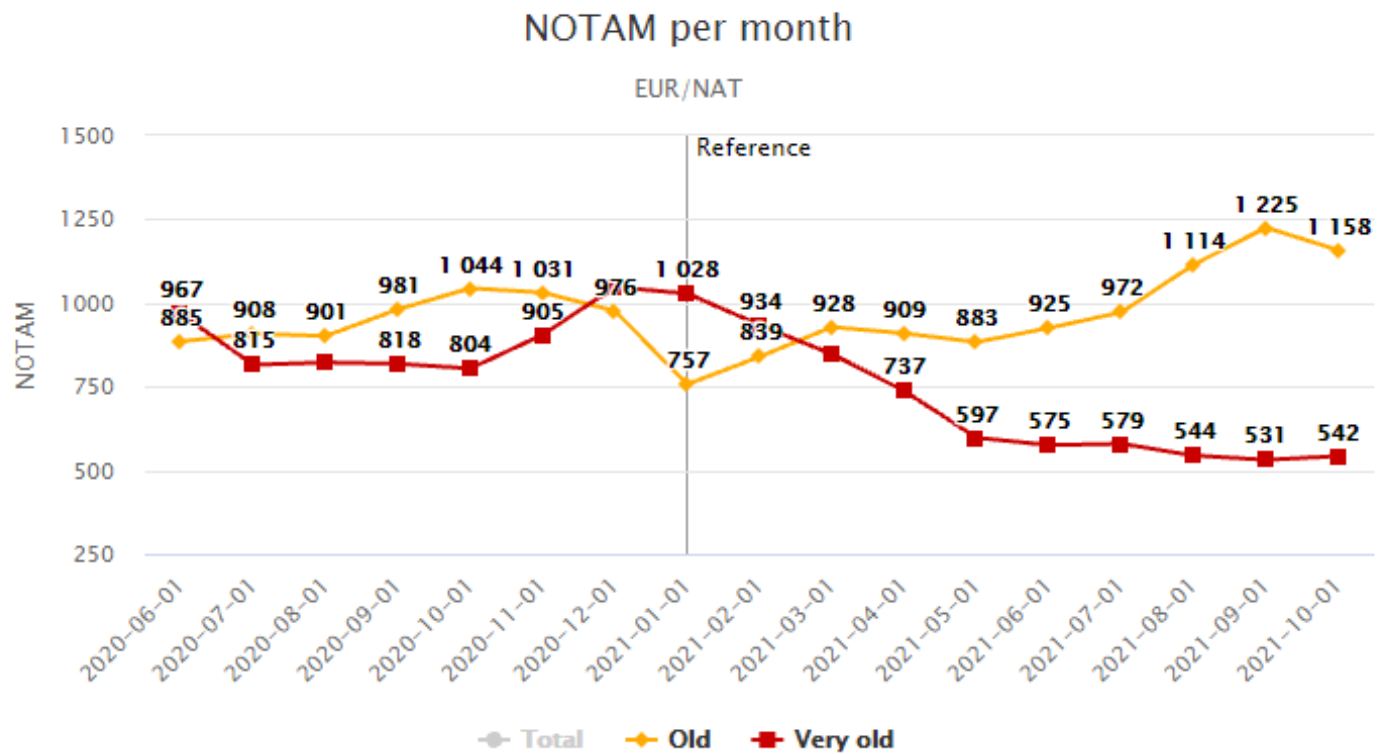
14490

Old NOTAM

1158 (8%)

Very Old NOTAM

542 (3.7%)



IATA Focus group

- Current AIS (NOTAM and AIP) lack of quality and compliance of ICAO recommendation (ICAO Panel work area).
- Lack of AIS officer training-Lack of AIS quality management system.
- Harmonized regional, cross regional implementation of SWIM and related services.

Upcoming ICAO guidance

- Doc.9839 QMS for AIM Manual
- Doc.9991 AIM Training Manual

NOTAM Challenges – NOTAM format

NOTAM format

1. Not complying with ICAO standards
2. Use of **XXXX** or **XX** instead of correct Qcodes as per ICAO DOC 8126
3. Inconsistency in use of Qcodes
4. Missing or errors in Q-Line fields
5. Format errors cannot be processed by NOTAM processing applications

NOTAM Challenges – NOTAM Content

NOTAM Content	<ol style="list-style-type: none">1. Content<ul style="list-style-type: none">• Multiple subjects• Content is confusing , Ambiguous• Time spent to understand what NOTAM is trying to say• Abbreviations, Non-standard abbreviations , Plain language• Actual on the ground condition not reflected• Location not stated2. NOTAMS used for complex works instead of AIP SUP3. Missing critical elements, examples;<ul style="list-style-type: none">• Pavement Strengths, Parking stand compatibility/restrictions/LAT & LON• NAV AID ident, NAV AID Freq. , Procedure name4. Content of permanent nature not having PERM in Item C)
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NOTAM Challenges – PERM , EST , Trigger

PERM	<ol style="list-style-type: none">1. NOTAM used for long periods2. Permanent changes of significant importance made at short notice, i.e. IAP suspended or withdrawn
EST	Not replaced or cancelled before date specified in Item C)
TRIGGER	Inconsistent timeframe in advising of AIRAC publications

Observations

NOTAM not fit for purpose	
NAV AIDS Unserviceable	Must provide guidance how to operate where unserviceable NAVAID impacts part of an instrument approach procedure, example; MSP APCH
Suspension/Withdraw of Procedures	AIRAC adherence to be followed
NOTAMs with operational significant information issued at short Notice	No time to action
Lack of coordination with adjacent states	
Language	No equivalent English version

Observations

Topic	Description	Potential Consequence
NOTAM distribution	NOTAMs delivery failures to end user unknown to the originator	Users missing critical operational information that may impact safety, disruption to schedule
NO NOTAM	Multiple TWY closures (20OCT) , No NOTAM, crew advised by ATS, NOTAM A0362/20 issued 25OCT	Crew workload increased, aircraft ground manoeuvring impacted, disruption to dep/arr traffic flow
Parking stands renumbered & realigned	NOTAM issued 03 July , replaced many times, AIP SUP 10/20 eff. 16DEC	Crew workload increased, No updated aerodrome layout chart, parking not suitable for aircraft type, possible aircraft damage, airline ops have not evaluated for suitability, airline preparing in-house information for crew to cover lack of published details

Sample of one airline monthly AIS Queries

