



See also List of EASA frequently used abbreviations: <https://www.easa.europa.eu/abbreviations>

4G	fourth generation of wireless mobile telecommunications technology
AAS	Airspace Architecture Study — Proposal for the future architecture of the European airspace created by SESAR Joint Undertaking, 2019
ABs	Advisory Bodies
ACARE	Advisory Council for Aviation Research and Innovation in Europe
ACAS	airborne collision avoidance system
ACNS	airborne communications, navigation and surveillance
AD	Airworthiness Directive
ADR	aerodromes
ADS-B	automatic dependent surveillance - broadcast
ADS-C	automatic dependent surveillance - contract
ADSP	ATM data service provider
AeMC	aero-medical centre
AEMS	aeroplane emergency medical service
AFM	aircraft flight manual
AFUA	advanced flexible use of airspace
AHS	Aviation Health Safety
airprox	An airprox is a situation in which, in the opinion of a pilot or air traffic services personnel, the distance between aircraft as well as their relative positions and speed have been such that the safety of the aircraft involved may have been compromised. (ICAO Doc 4444: PANS-ATM).
AI	artificial intelligence
AIS	aeronautical information services
AltMoC	alternative means of compliance
AMC	acceptable means of compliance
AMC-20	general Acceptable Means of Compliance for airworthiness of products, parts and appliances
AME	aero-medical examiner
AML	aircraft maintenance licence
AMM	aircraft maintenance manual
AMO	approved maintenance organisation
AMOC	alternative method of compliance



AMS	apron management services
AMTO	approved maintenance training organisation (Part-147)
ANAC	Agência Nacional de Aviação Civil (Brazilian national aviation authority)
ANS	air navigation services
ANSP	air navigation service provider
AOC	air operator certificate
AP	Accelerated (rulemaking) procedure
APU	auxiliary power unit
ARA	authority requirements (in the Aircrew Regulation)
ARAC	Aviation Rulemaking Advisory Committee
ART	Eurocontrol Agency Research Team
ASAWG	ARAC Airplane-level Safety Analysis Working Group
ASBUs	Aviation System Block Upgrades
ASISP	Aircraft Systems Information Security/Protection
ASR	annual safety review
ATC	air traffic control
ATCO	air traffic controller
ATM	air traffic management
ATO	approved training organisation
ATPL	air transport pilot licence
ATS	air traffic services
ATSEP	air traffic safety electronics personnel
AWOs	all-weather operations
B777	Boeing 777
BASA	Bilateral Aviation Safety Agreement
BEA	Bureau d'Enquêtes et d'Analyses (French Safety Investigation Authority)
BIS	Best Intervention Strategy
BPL	balloon pilot licence
BVLOS	beyond visual line of sight
CA	competent authority
CAA	civil aviation authority
CABA	Certification Authorities for Bilateral Agreements & Certification Procedures



CAE	Continued Aviation Education
CAEP	Committee on Aviation Environmental Protection (ICAO)
CAEP/10	tenth meeting of the committee on Aviation Environmental Protection
CAEP/11	eleventh meeting of the committee on Aviation Environmental Protection
CAG	Collaborative Analysis Group
CAMO	continuing airworthiness management organisation
CAO	combined airworthiness organisation – Annex Vd to Commission Regulation (EU) 2019/1383
CAPP	certification authorities for propulsion
CASA	Civil Aviation Safety Authority of Australia
CAT	commercial air transport
CAT I, II, III	category I, II, III
CATA	certification authorities for transport airplane
CAW	continuing airworthiness
CB	cumulonimbus
CBA	cost-benefit analysis
CBTA	competency-based training and assessment
CE	Critical Element
CEA	cost-effectiveness analysis
CERT-EU	Computer Emergency Response Team
CFIT	controlled flight into terrain
CIR	candidate issue register
CME	continued medical education
CMH	composite material handbook
CMPA	complex motor-powered aircraft
CMT	Certification Management Team
CNN	Convolutional Neural Network (artificial intelligence)
CNS	communication, navigation and surveillance
CO/CO₂	carbon monoxide/carbon dioxide
CofA	certificate of airworthiness
CORAL	Certification and ORganisation ApprovaL information hub programme
CORSIA	Carbon Offsetting and Reduction Scheme for International Aviation
CPL	commercial pilot licence



CRD	comment-response document
CRM	crew resource management
CS(s)	certification specification(s)
CS-SIMD	Certification Specifications for Simulator Data
CS-VLR	Certification Specifications for Very Light Rotorcraft
CS-22	Certification Specifications for sailplanes and powered sailplanes
CS-23	Certification Specifications for normal, utility, aerobatic and commuter aeroplanes
CS-25	Certification Specifications for large aeroplanes
CS-26	Certification Specifications for additional airworthiness specifications for operations
CS-27	Certification Specifications for small rotorcraft
CS-29	Certification Specifications for large rotorcraft
CS-34	Certification Specifications for aircraft engine emissions and fuel venting
CS-ACNS	Certification Specifications for Airborne Communication, Navigation and Surveillance
CS-APU	Certification Specifications for Auxiliary Power Units
CS-CCD	Certification Specifications for cabin crew data
CS-CO2	Certification Specifications for Aeroplane CO ₂ Emissions
CS-E	Certification Specifications for Engines
CS-ETSO	Certification Specifications for European Technical Standard Orders
CS-FCD	Certification Specifications for Flight Crew Data
CS-LSA	Certification Specifications for Light Sport Aeroplanes
CS-MMEL	Certification Specifications for Master Minimum Equipment List
CS-STAN	Certification Specifications for Standard Changes/Standard Repairs
CS-UAS	Certification Specifications for Unmanned Aircraft Systems
CS-Light UAS	Certification Specifications for Light Unmanned Aircraft Systems
CS-VLA	Certification Specifications for Very Light Aeroplanes
CS-VTOL	Certification Specifications for Vertical Take-Off and Landing
CTIG	Common Training Initiative Group
C-UAS	Counter Unmanned Aircraft Systems
CVR	cockpit voice recorder
CVS	combined vision systems
D4S	Data4Safety. A data collection and analysis programme that aims at collecting and gathering all data that may support the management of safety risks at European level
DA	(European Commission) delegated act



DAH	design approval holder: used only if all of the following items are included: holder of a type-certificate, a restricted type-certificate, a supplemental type-certificate, a European Technical Standard Order (ETSO) authorisation, a major repair design approval, a major change design approval or any other relevant approval or authorisation for the design of aeronautical products, parts and appliances deemed to have been issued under Commission Regulation (EU) No 748/2012.
DAT provider	(aeronautical) data provider, indirectly, competent authority
DEFIS	Defence Industry and Space
DL	deep learning (Artificial Intelligence)
dLAP	Digital Licenses for Aviation Pilots
DLS	data link services
DM	downlink message
DOA	design organisation approval
DP	direct publication (rulemaking procedure)
DTO	declared training organisation
EACTB	Engine/Aircraft Certification Tracking Board
EACWG	Engine/Aircraft Certification Working Group
EAEG	ECAC European Aviation Environmental Group
EAER	European Aviation Environmental Report
EAADM	European Authorities Coordination Group on Flight Data Monitoring
EAPPRE	European Action Plan for the Prevention of Runway Excursions
EAPPRI	European Action Plan for the Prevention of Runway Incursions
EASA	European Union Aviation Safety Agency
EASA MB	European Union Aviation Safety Agency Management Board
EASP	European Aviation Safety Programme
EATMN	European air traffic management network
EBT	evidence-based training
EC	European Commission
ECAC	EASA European Civil Aviation Conference
ECCAIRS 2	software solution developed by EASA and provided to the authorities to organise the capture of the safety reports at national and European level into the European Central Repository (ECR) as per Regulation (EU) 376/2014
ECCSA	European Centre for Cyber Security in Aviation
ECDC	European Centre for Disease Prevention and Control
ECHA	European Chemicals Agency



ECQB	European Central Question Bank
ECR	European Central Repository for accident and incident reports in aviation
EDTO	extended diversion time operation
EEA	European Environment Agency
EFB	electronic flight bag
EFVS	enhanced flight vision systems
EHEST	European Helicopter Safety Team
EHPS	electric and hybrid propulsion system
EHPU	electric and hybrid propulsion unit
EHSIT	European Helicopter Safety Implementation Team
EI	Effective Implementation
eID	electronic Identification
ELA	European light aircraft
ELA1 aircraft	ELA1 aircraft' means the following manned European light aircraft: <ul style="list-style-type: none"> — an aeroplane with a maximum take-off mass (MTOM) of 1 200 kg or less that is not classified as a complex motor-powered aircraft; — a sailplane or powered sailplane of 1 200 kg MTOM or less; — a balloon with a maximum design lifting gas or hot air volume of not more than 3 400 m³ for hot air balloons, 1 050 m³ for gas balloons, and 300 m³ for tethered gas balloons.
eMCO	Extended Minimum-Crew Operations
EMS	emergency medical services
EOFDM	European Operators Flight Data Monitoring forum
EPAS	European Plan for Aviation Safety
EPL TF	ICAO Electronic Personnel License Task Force
EOC	essential operational changes
ERCS	European Risk Classification Scheme
EREA	European Research Establishments in Aeronautics
ESCP	European Strategic Coordination Platform
ESPN-R	European Safety Promotion Network Rotorcraft
ETOPS	extended-range twin-engine operational performance standards
ETS	European Union Emissions Trading System (EU ETS) is the cornerstone of the European Union's policy to tackle climate change and its key tool for cost-effective reduction of emissions of carbon dioxide (CO ₂) and other greenhouse gases (GHG) in the power, aviation and industrial sectors. The EU ETS works on the 'cap and trade' principle and is a market-based measure where participants are required to monitor and report their



	emissions and surrender sufficient emission allowances to cover their reported emissions in each year.
ETSO	European technical standard order
ETSOA	European technical standard order (authorisation)
EU	European Union
EUSCG	European UAS Standards Coordination Group
EUROCAE	European Organisation for Civil Aviation Equipment
Euro NCAP	crash test programmes
EVT	evaluation task
eVTOL	electric vertical take-off and landing aircraft
EWIS	Electrical Wiring Interconnection System
FAA	Federal Aviation Administration
FAR 33.90	Federal Aviation Regulation Section 33.90 — Initial maintenance inspection test
FbW/FBW	fly-by-wire
FC	flight crew
FCD	flight crew data
FCL	flight crew licensing
FCHWG	ARAC Flight Controls Harmonization Working Group
FCOM	flight crew operating manual
FDM	flight data monitoring
FDR	flight data recorder
FEM	flight examiner manual
FIS	flight information services
FL	flight level
FMS	flight management system
FoC	Focused Consultation
FOD	foreign object debris
FR	France
FRM	fatigue risk management
FS	flight standards
FSB	Flight Standardisation Board (FAA)
FSTD	flight simulation training device
FSTDO	organisation operating the FSTD



FTL	flight time limitation
FTS	flight time specifications
FW	fixed wing
GA	General Aviation: It means any civil aircraft operation other than aerial work or commercial air transport (Commission Implementing Regulation (EU) 2017/373)
GA.COM	General Aviation Committee (EASA Advisory Body)
GANP	Global Air Navigation Plan
GASP	Global Aviation Safety Plan (ICAO)
GBAS	ground-based augmentation system
GDP	gross domestic product
GH	Groundhandling
GHG	greenhouse gas
GLS	GBAS (ground-based augmentation system) landing system
GM	guidance material
GMP	general medical practitioner
GNSS	global navigation satellite system
GPS	global positioning system
GSE	ground support equipment
H2020	Horizon 2020
HA	higher airspace (above FL 600/650)
HE	helicopter manufacturers, operators, training organisations, maintenance organisations
HEMS	helicopter emergency medical services
HF	human factors
HF CAG	Human Factors Collaborative Analysis Group
HIV	Human immunodeficiency virus
HLCC 2021	ICAO High Level Conference on COVID 19
HOSSWG	Helicopter Offshore Safety and Survival Working Group (JAA)
HP	human performance
HPA	high-performance aircraft
HTAWS	helicopter terrain awareness warning systems
HUD	head-up display
IA	(Commission) implementing act



IAF	initial approach fix
IAW	initial airworthiness
ICA	instructions for Continued Airworthiness
ICAO	International Civil Aviation Organization
ICAO SL	ICAO State letter
IFE	in-flight entertainment
IFP	instrument flight procedures
IFR	instrument flight rules
IFTSS	individual flight time specification scheme
IHSF	International Helicopter Safety Foundation
ILS	instrument landing system
IMC	instrument meteorological conditions
IMF	International Monetary Fund
IMI	initial maintenance inspection
INF	information management (in reflection to ATM Master Plan Level 3)
IPC	Innovation Partnership Contract
IR	(Commission) implementing rule
IR	instrument rating
ITY	interoperability (in reflection to ATM Master Plan Level 3)
JAA	Joint Aviation Authorities
JARUS	Joint Authorities for Rulemaking on Unmanned Systems
JATR	Joint Authorities Technical Review
KNKT	Komite Nasional Keselamatan Transportasi – National Transportation Safety Committee of Indonesia
KPI	key performance indicator
KRE	key risk element
LAFI	light aircraft flight instructor
LAPL	light aircraft pilot licence
LO	learning objective
LOCART	loss of control avoidance and recovery training
LOC-I	loss of control – in-flight
LOI	level of involvement
LPR	language proficiency requirements



LVO	low-visibility operation
M&S	modelling and simulation
MA	medical assessor
MAB	Member States Advisory Body
MB	Management Board
MBT	multimedia based training
MAC	mid-air collision
MCA	multi-criteria analysis
MCF	maintenance check flight
MET	meteorology/meteorologic
MET provider	meteorological services provider, indirectly, competent authority
MGB	main gearbox
MH17	Malaysia Airlines flight 17
ML	Machine Learning (artificial intelligence)
MMEL	master minimum equipment list
MO	maintenance organisation
MoC	Memorandum of Cooperation
MOPSC	maximum operational passenger seating configuration
MPL	multi-crew pilot licence
MRB	Maintenance Review Board
MST	Member States' task
MTO	maintenance training organisation
MTOM	maximum take-off mass
NAA	national aviation authority
NAV	Navigation (in reflection to ATM Master Plan Level 3)
NCC	non-commercial air operations with complex motor-powered aircraft*
NCO	non-commercial air operations with other-than complex motor-powered aircraft*
<p>* The term 'complex motor-powered aircraft' is no longer defined in Regulation (EU) 2018/1139. Article 140(2) of that Regulation provides that no later than 12 September 2023, implementing rules adopted under Regulations (EC) Nos 216/2008 and 552/2004 shall be adapted to the new Basic Regulation. Until then, deleted or altered definitions will continue to apply.</p>	
NDB	non-directional beacon
NextGen	next generation
NGAP	Next Generation of Aviation Professionals programme (ICAO)



NGO	non-governmental organisation
NN	Neural Networks (Artificial Intelligence)
NTSB	National Transportation Safety Board
NO	Norway
NoAs	Network of Analysts
NORAH	Noise Related Annoyance, Cognition, and Health
NPA	notice of proposed amendment
NSA	national supervisory authority
nvPM	non-volatile particulate matter
OEM(s)	original equipment manufacturer(s)
OHMPs	occupational health medical practitioners
OJ	Official Journal of the European Union
OPS	air operations
OpSpecs	operations specifications
ORO.FC	organisation requirements for air operations — flight crew
OSD	operational suitability data
PANS	procedures for air navigation services (ICAO)
Part-145	Annex II to Commission Regulation (EU) No 1321/2014 - maintenance organisation approvals
Part-147	Annex IV to Commission Regulation (EU) No 1321/2014 - training organisations requirements
Part 21	Annex I to Regulation to Regulation (EU) 748/2012 - airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organisations
Part 21 Subpart H	Annex I to Regulation to Regulation (EU) 748/2012 – Subpart H - airworthiness certificates and restricted certificates of airworthiness
Part-26	Annex I to Regulation (EU) 2015/640 - additional airworthiness requirements for operations
Part-66	Annex III to Commission Regulation (EU) No 1321/2014 - certifying staff
Part-ARO	Annex II to Regulation (EU) 965/2012 - authority requirements for air operations
Part-FCL	Annex I to Regulation (EU) 1178/2011 - flight crew licensing
Part-M	Annex I to Commission Regulation (EU) No 1321/2014 - continuing airworthiness requirements
Part-MED	Annex IV to Regulation (EU) 1178/2011 - medical certification of pilots, medical fitness of cabin crew, certification of AMEs and requirements of GMPs and OHMPs



Part-MET	Annex V to Regulation (EU) 2017/373 - specific requirements for providers of meteorological services
Part-NCC	Annex VI to Regulation (EU) 965/2012
Part-NCO	Annex VII to Regulation (EU) 965/2012
Part-ORA	Annex III to Regulation (EU) 1178/2011 - organisation requirements for aircrew
Part-ORO	Annex III to Regulation (EU) 965/2012 - organisation requirements for air operations
Part-SPO	Annex VIII to Regulation (EU) 965/2012
PBN	performance-based navigation
PBAOM	performance based aerodrome operating minima
PBR	performance-based regulation
PCP	pilot common project (SESAR)
PDRA	predefined risk assessment
PED	personal electronic device
PIREP	pilot report
PIS	public interest sites
PM	particulate matter
POA	production organisation approval
PoC	proof of concept
PPL	private pilot licence
PRM	passengers with reduced mobility
PTS	Prototype Technical Specifications
Q	quarter
QMS	quality management system
RA	Resolution Advisory (ACAS)
RAMP	aerodrome ramp
RASG	Regional Aviation Safety Group
RASP	Regional Aviation Safety Plan
RDP-U	Rolling Development Plan - UAS
RE	runway excursion
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals — Regulation (EC) No 1907/2006
ReCo	reduced-crew operations
REPIF	repository for information (digital licenses for pilots)



RES	research actions
RFFS	rescue and firefighting services
RFID	radio frequency identification device
RI	runway incursion
RIA	regulatory impact assessment
RMT	rulemaking task
RNAV	area navigation
RNN	Recurrent Neural Network (artificial intelligence)
RNO	EASA project 'Return to Normal Operations'
RoCS	Rotocraft Certification by Simulation project
R.COM	Rotorcraft Committee (Advisory Body)
RSOO	Regional Safety Oversight Organisation
RT	radio telephony
RVR	runway visual range
RWY	runway
RVSM	reduced vertical separation minima
R&D	research and development
SAB	Stakeholders Advisory Body
SA CAT I	special authorisation CAT I
SAF	Sustainable Aviation Fuels
SAF	Safety Management (in reflection to ATM Master Plan Level 3)
SAFA/SACA	Ramp Inspections Programmes: Safety assessment of community aircraft/safety assessment of foreign aircraft
SAR	Standardisation Annual Report
SARPs	Standards and Recommended Practices (ICAO)
SATCOM	satellite communications
SBAS	satellite-based augmentation system
SC	special condition
SEI	Safety Enhancement Initiative (ICAO) as defined in GASP
SENS4ICE	EU-funded project: SENSors and certifiable hybrid architectures for safer aviation in ICing Environment
SERA IR	Standardised European Rules of the Air — implementing rule
SES	Single European Sky



SESAR	Single European Sky ATM Research
SFI	Synthetic Flight Instructor
SI/SIs	safety issue/safety issues
SIA	safety issue assessment
SIB	Safety Information Bulletin
SID	Standard Instrument Departure
SiPo	Single-pilot operations
SJU	SESAR Joint Undertaking
SKPI	safety key performance indicator
SLD	super-cooled large droplets
SMICG	Safety Management International Collaboration Group
SMS	safety management system
SM TeB	Safety Management Technical Body
SOP	standard operating procedure
SORA	specific operations risk assessment
SPAS	State Plan for Aviation Safety
SPD	Single Programming Document
SPI	surveillance performance and interoperability
SPI	safety performance indicator
SPN	Safety Promotion Network
SPO	specialised operations (aerial work)
SPT	safety promotion task
SR/SRs	safety recommendation/safety recommendations
SRIA	Strategic Research and Innovation Agenda
SRM	safety risk management
SSIP	supplemental structural inspection programme
SSP	state safety programme
SSR	secondary surveillance radar
SST	supersonic transport
ST	standard (rulemaking) procedure
STAR	Standard Terminal Arrival Route (USA), Standard Instrument Arrival (ICAO)
STC	supplemental type certificate



STD	synthetic training device
STs	standard scenarios (UAS)
SVGS	synthetic vision guidance system
SVS	synthetic vision system
SWIM	system wide information management
SYS inspections	Standardisation Domain 'Systemic Enablers for Safety Management'. Standardisation inspections in this domain focus on the implementation of Regulation (EU) No 376/2014 on occurrence reporting and the verification of the CA management system.
TACDWG	Transport Aircraft Crashworthiness and Ditching Working Group
TAG	Thematic Advisory Group
TBD	to be determined
TBO	time between overhaul
TC	type certificate
TCAS	traffic collision avoidance system
TCCA	Transport Canada Civil Aviation
TCO	third-country operator
TeB	Member State technical body
TeC	Stakeholder technical body
TEM	threat and error management
TMA	terminal maneuvering area
TMG	touring motor glider
TO	training organisation
ToR	terms of reference
TRI	Type Rating Instructor
TSO	technical standard order
UA	unmanned aircraft
UAM	Urban Air Mobility
UAS	unmanned aircraft system
UK	United Kingdom
ULD	unit load device
UPRT	upset prevention and recovery training
USOAP	Universal Safety Oversight Audit Programme (ICAO)
UTM	unmanned traffic management



VFR	visual flight rules
VHF	very high frequency
VHM	vibration health monitoring
VLD	very large-scale demonstration
VLOS	visual line of sight
VOR	VHF omnidirectional range
VR	virtual reality
VTOL	vertical take-off and landing aircraft
WFD	widespread fatigue damage
WG	working group
WIDDCWG	Water Impact, Ditching Design and Crashworthiness Working Group (JAA)
WP	working paper/working package
WPGR	Report of the Wise Person Group on the future of the Single European Sky, April 2019