

**Schedule 1A Dictionary of abbreviations**

<b>Abbreviation</b>	<b>Meaning</b>
ACAS	Airborne collision avoidance system
ACN	Aircraft classification number
AD	Aerodrome
ADC	Air data computer
ADF	Automatic direction finder
ADIZ	Air defence identification zones.
AEL	Aviation English language
AFCS	Automatic flight control system
AFM	Aircraft flight manual
AFOR	Area forecast
AGL	Above ground level
AIC	Aeronautical information circular
AIP	Aeronautical information package
AIREP	Air report
AK	General aeronautical knowledge
ALA	Aerodromes and aeroplane landing areas
ALC	Approved load controlled
ALT	Altitude
AMP	Aerial application management plan
ANP	Actual navigation performance
AOA	Angle of attack
AOC	Air operator's certificate
AOM	Aerodrome operating manual
AP	Auto pilot
APU	Auxiliary power unit
ARS	Attitude retention system
ASI	Air speed indicator
AT	Auto throttle
ATC	Air traffic control
ATIS	Aerodrome terminal information service
ATPL	Air transport pilot licence
ATS	Air traffic service

AUW	All up weight
AVADS	Auto voice activated decision system
BAK	Basic aeronautical knowledge
BHP	Brake horsepower
CAAP	Civil Aviation Advisory Publication
CAO	Civil Aviation Order
CAS	Calibrated air speed
CASA	Civil Aviation Safety Authority
CASR 1998	<i>Civil Aviation Safety Regulations 1998</i>
CAT	Clear air turbulence
CBT	Computer-based test
CDFA	Continuous descent flight angle
CDI	Course deviation indicator
CDP	Climb descent procedure
CG	Centre of gravity
CHT	Cylinder head temperature
CP	Critical point
CPL	Commercial pilot licence
CRM	Crew resource management
CSU	Constant speed unit
CTA	Controlled airspace
CTAF	Common traffic advisory frequency
CTR	Control zone
CVR	Cockpit voice recorder
DA	Density altitude
DALR	Dry adiabatic lapse rate
DAME	Designated aviation medical examiner
DAP	Departure and approach
DFDR	Digital flight data recorder
DFE	Design feature endorsement
DME	Distance measuring equipment
EAS	Equivalent air speed
EET	Estimated elapsed time
EFIS	Electronic flight instrument system
EGT	Exhaust gas temperature

EICAS	Engine indication and crew alerting system
ELR	Environmental lapse rate
EPR	Engine pressure ratio
EPT	Effective performance time
ERC	En route chart
ERSA	En route supplement Australia
ETA	Estimated time of arrival
ETD	Estimated time of departure
ETI	Estimated time interval
ETOPS	Extended range twin operations
ETP	Equi-time point
FAE	Flight activity endorsement
FAF	Final approach fix
FD	Flight director
FIA	Flight information area
FIR	Flight information region
FMS	Flight management systems
FSTD	Flight simulation training device
g	Gravitational force
GAL	Gallon
G-LOC	G-induced loss of consciousness
GNSS	Global navigation satellite system
GPU	Ground power unit
GPWS	Ground proximity warning systems
GS	Ground speed
HDG	Heading
HF	High frequency
HLS	Helicopter landing site
HPAV	Horse power available
HPREQ	Horse power required
HUMS	Health usage monitoring system
H-V	Height-velocity
IAF	Initial approach fix
IAL	Instrument approach and landing
IAP	Instrument approach procedure

IAS	Indicated air speed
ICAO	International Civil Aviation Organization
ICTZ	Inter-tropical convergence zone
IELTS	International English language testing system
IFR	Instrument flight rules
ILS	Instrument landing system
IMC	Instrument metrological conditions
INS	Inertial navigation system
ISA	International standard atmosphere
IVSI	Instantaneous vertical speed indicator
JPT	Jet pipe temperature
KDR	Knowledge deficiency report
KG	Kilogram
KIAS	Knots indicated air speed
LA	Landing area
LB	Pound
LDA	Landing distance available
LDP	Landing decision point
LDR	Landing distance required
LG	Landing gear
LLZ	Localizer
LMT	Local mean time
LNAV	Lateral navigation
LPV	Localiser precision with vertical guidance
LRC	Long range cruise
LSALT	Lowest safe altitude
LSB	Lower side band
LTE	Loss of tail rotor effectiveness
LTR	Litre
LVC	Live, virtual and constructive (simulators)
MAC	Mean aerodynamic chord
MAPt	Missed approach point
MDA	Minimum descent altitude
MEL	Minimum equipment list
Met	Meteorology

MF	Medium frequency
MLS	Microwave landing system
MLW	Maximum landing weight
MOS	Manual of Standards
MP	Manifold pressure
MPL	Multi-crew pilot licence
MSA	Minimum sector altitude
MSL	Mean sea level
MTOW	Maximum take-off weight
MZW	Mid-zone weight
NDB	Non-directional beacon
NGT	Night
NM	Nautical mile
NOTAM	Notice to Airmen
NPA	Non precision approach
NVFR	Night visual flight rules
NVG	Night vision goggles
NVIS	Night vision imaging system
OAT	Outside air temperature
OCTA	Outside controlled airspace
OEI	One engine inoperative
OGE	Out of ground effect
OH&S	Occupational health and safety
PAL	Pilot-activated lighting
PAPI	Precision approach path indicator
PBN	Performance based navigation
PCN	Pavement classification number
PEC	Pressure error correction
PF	Pilot flying
PIF	Private instrument flight
PIFR	Private IFR rating
PIO	Pilot induced oscillation
PM	Pilot monitoring
PNR	Point of no return
POH	Pilot operating handbook
PPL	Private pilot licence

PRD	Prohibited/restricted/danger areas
PUS	Permissible unserviceability
RA	Resolution advisory
RAF	Relative air flow
RAIM	Receiver autonomous integrity monitoring
RFM	Rotorcraft flight manual
RMI	Remote magnetic indicator
RNAV	Route navigation
RNP	Required navigation performance
ROC	Rate of climb
ROD	Rate of descent
RPL	Recreational pilot licence
RPM	Revolutions per minute
RRPM	Rotor rpm
RT	Radio transmission
RVR	Runway visual range
RVSM	Reduced vertical separation minima
SALR	Saturated adiabatic lapse rate
SAR	Search and rescue
SARTIME	Search and rescue time
SARWATCH	Search and rescue watch
SAS	Stability augmentation system
SID	Standard instrument departure
SIGWX	Significant weather
SOP	Standard operating procedures
SSB	Single side band
SSR	Secondary surveillance radar
STAR	Standard arrival route
TA	Traffic advisory
TAF	Terminal area forecast
TAS	True air speed
TAT	Total air temperature
TCAS	Traffic collision avoidance system
TEM	Threat error management
TGT	Turbine gas temperature

THP	Thrust horsepower
TIT	Turbine inlet temperature
TMG	Track made good
TODA	Take-off distance available
TODR	Take-off distance required
TOEFL CBT	Test of English as a foreign language computer-based test
TOEFL IBT	Test of English as a foreign language internet-based test
TOEFL PB	Test of English as a foreign language paper-based test
TOEIC	Test of English for international communication
TR	Track
TTF	Trend type forecast
TWS	Take-off warning system
UAS	Undesired aircraft states
UHF	Ultra high frequency
USB	Upper side band
UTC	Universal time coordinate
VASI	Visual approach slope indicator
VFR	Visual flight rules
VHF	Very high frequency
VIS	Visibility
VMC	Visual metrological conditions
VMO	Velocity maximum operating
VNAV	Vertical navigation
VNE	Velocity never exceed
VNO	Velocity normal operating
VOLMET	Metrological information for aircraft in flight
VOR	Very high-frequency omni-directional range
VS	Vertical speed
VSI	Vertical speed indicator
VTC	Visual terminal chart
W/V	Wind velocity
WAAS	Wide area augmentation system
WAC	World aeronautical chart
WX	Weather
ZFW	Zero fuel weight