

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

#### **A**

AAE	Above Airport Elevation
AAFIF	Automated Air Facilities Information File
AAP	Altitude Awareness Panel
AB	Air Bleed
ABM	Abeam
ABN	Abnormal
ABNORM	Abnormal
ABS	Absolute
ABV	Above
AC	Alternating Current / Advisory Circular
A/C	Air Conditioning / Aircraft
ACAS	Airborne Collision Avoidance System
ACARS	ARINC Communications Addressing and Reporting System
ACCEL	Acceleration, Accelerate
ACFT	Aircraft
ACM	Air Cycle Machine
ACMP	Alternating Current Motor Pump / Electric Hydraulic Pump
ACMS	Aircraft Condition and Monitoring System
ACP	Audio Control Panel
ACPT	Accept
ACRU	Air Conditioning Refrigeration Unit
ACT	Active / Activate
ACTV	Active
ACU	Antenna Coupler Unit
AD	Airworthiness Directive
ADC	Air Data Computer / Attitude determination and Control
ADF	Automatic Direction Finder / Finding
ADG	Air Driven Generator
ADI	Attitude Director Indicator
ADIRS	Air Data Inertial Reference System
ADIRU	Air Data Inertial Reference Unit
ADJ	Adjusted / Adjustment
ADM	Air Data Module
ADP	Air Driven Pump (Generator)/Air Driven Demand Hydraulic Pump
ADR	Air Data Reference
ADRG	ARC Digitized Raster Graphics
ADRS	Address
ADS	Air Data System
ADU	Air Data Unit
ADV	Advisory / Advance / Advanced
AFCS	Avionic (Automatic) Flight Control System
AFDS	Autopilot Flight Director System
AFE	Above Field Elevation
AFIS	Automatic Flight Information System
AFIS	Automatic Flight Inspection System

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

AFM	Airplane Flight Manual
AFS	Auto Flight System / Auto Flight Simulator
AFTN	Aeronautical Fixed Telecommunications Network
A/G	Air/Ground
AGC	Automatic Gain Control
AGL	Above Ground Level
AH	Attitude Heading
AHC	Attitude Heading Computer
AHRS	Attitude Heading Reference System
AHRU	Attitude Heading Reference Unit
AIAA	American Institute of Aeronautics and Astronautics
AIDS	Aircraft Integrated Data System
AIL	Aileron / Autopilot Interlock
AIP	Aeronautical Information Publication
A/I PRSOV	Anti-Icing Pressure Regulating and Shutoff Valve
AIREP	Air Report
AIRMET	Weather Advisory Service
AIU	Audio Interface Unit
AL	Alert
ALPA	Air Line Pilots Association
ALPHA	Angle of Attack for a specific configuration
ALRT	Alert
ALS	Auto Throttle Limit Switch
ALT	Altitude
ALT HOLD	Altitude Hold
ALTM	Altimeter
ALTN	Alternate
ALT/S	Altitude Select
ALW	Allowable Landing Weight
AM	Amplitude Modulation
AMB	Ambient
AMBG	Ambiguity
AMFP	Auxiliary Motive Flow Pump
AML	Advanced Manual Line
AMP(s)	Amperes
AMR	Auto/Manual/Remote
AMU	Audio Management Unit
AND	Aircraft Nose Down
ANNUNC	Annunciator
ANT	Antenna
ANU	Aircraft Nose Up
AOA	Angle of Attack
AP	Auto Pilot
APB	Auxiliary Power Breaker
APD	Approach Progress Display
APFD(S)	Autopilot Flight Director (System)
APL	Airplane

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

APM	Autopilot Monitor
APP	Approach
APPR	Approach
APPROX	Approximately
APPU	Asymmetry Position Pick-off Unit
APR	Automatic Performance Reserve E1 / Approach
APS	Altitude Preselect
APT	Airport
APU	Auxiliary Power Unit
APX	Appendix
AQP	Advanced Qualifications Program
ARFF	Aircraft Rescue and Fire Fighting
ARINC	Aeronautical Radio Incorporated
ARND	Around
ARPT	Airport
ARR	Arrival
ARRVL	Arrival
ARSA	Airspace Radar Service Area
ARSPC	Airspace
ARSR	Air route surveillance radar
ARTCC	Air Route Traffic Control Center
ARVL	Arrival
AS	Airspeed / Altitude Mode Switch Monitor
A/S	Airspeed
ASA	Auto Land Status Annunciator
ASAP	As Soon As Possible
ASEL	Altitude Pre-select / Altitude Select
ASI	Air Speed Indicator
A/Skid	Anti Skid
ASMD	Assumed
ASP	Audio Selector Panel
ASR	Airport Surveillance Radar
ASRS	Aviation Safety Reporting System
ASSY	Assembly
ASTP	Advanced Simulation Training Program
ASYM	Asymmetrical / Asymmetry
A/T	Auto Throttle
ATA	Actual Time of Arrival / Air Transport Association
ATC	Air Traffic Control
ATC/DABS	Air Traffic Control / Discrete Address Beacon System
ATCRBS	Air Traffic Control Radar Beacon System
ATE	Automatic Test Equipment
A/THR	Auto Thrust Function
ATIS	Automatic Terminal Information Service
ATP	Airline Transport Pilot
ATR	Automatic Test Requirements
ATS	Auto Thrust System / Auto Throttle System

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>ATT</b>	<b>Attitude</b>
<b>ATTND</b>	<b>Attendant</b>
<b>AUG</b>	<b>Augmentation</b>
<b>AUTO</b>	<b>Automatic</b>
<b>AUX</b>	<b>Auxiliary</b>
<b>A/V</b>	<b>Auto-Visual</b>
<b>AVAIL</b>	<b>Available</b>
<b>AVG</b>	<b>Average</b>
<b>AVM</b>	<b>Airborne Vibration Monitor</b>
<b>AVS</b>	<b>Audio Visual System</b>
<b>AWOS</b>	<b>Automated Weather Observation System</b>
<b>AWY</b>	<b>Airway</b>
<b>AZ</b>	<b>Vertical Acceleration</b>
<b>AZIM</b>	<b>Azimuth</b>
<b>AzMKR</b>	<b>Azimuth Marker</b>

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## **B**

<b>BAL</b>	<b>Balance</b>
<b>BARO</b>	<b>Barometric</b>
<b>BAT</b>	<b>Battery</b>
<b>BATT</b>	<b>Battery</b>
<b>BB</b>	<b>Broadband</b>
<b>B/B</b>	<b>Back Beam</b>
<b>BC</b>	<b>Back Course</b>
<b>B/C</b>	<b>Business Class</b>
<b>BCDS</b>	<b>Bite Centralized Data System</b>
<b>BCK</b>	<b>Back</b>
<b>BCL</b>	<b>Battery Charge Limiter</b>
<b>BCN</b>	<b>Beacon</b>
<b>B/CRS</b>	<b>Back Course</b>
<b>BCTC</b>	<b>Bombardier Customer Training Center</b>
<b>BCU</b>	<b>Bus Control Unit / Brake Control Unit</b>
<b>BEV</b>	<b>Beverage</b>
<b>BF</b>	<b>Boarded Fuel</b>
<b>BFE</b>	<b>Buyer Furnished Equipment</b>
<b>BFO</b>	<b>Beat Frequency Oscillator</b>
<b>BIT</b>	<b>Built-In Test</b>
<b>BITE</b>	<b>Built-In Test Equipment</b>
<b>BIU</b>	<b>Bite Interface Unit</b>
<b>BK</b>	<b>Brake</b>
<b>BKGRD</b>	<b>Background</b>
<b>BKR</b>	<b>Breaker (Circuit Breaker)</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>BKS</b>	<b>Brakes</b>
<b>BL</b>	<b>Bezel / Back Lighting</b>
<b>BLD</b>	<b>Bleed</b>
<b>BLK</b>	<b>Block</b>
<b>BLW</b>	<b>Below</b>
<b>BMC</b>	<b>Bleed Air Monitoring Computer</b>
<b>BMV</b>	<b>Brake Metering Valve</b>
<b>BNK</b>	<b>Bank</b>
<b>BNR</b>	<b>Binary</b>
<b>BOD</b>	<b>Bottom of Descent</b>
<b>BOMBX</b>	<b>Bombing Exercise</b>
<b>BOV</b>	<b>Bleed-Off Valve</b>
<b>BPCU</b>	<b>Bus Power Control Unit</b>
<b>BPM</b>	<b>Backup Power Module</b>
<b>BRF</b>	<b>Briefing</b>
<b>BRG</b>	<b>Bearing</b>
<b>BRK</b>	<b>Brake</b>
<b>BRKNG</b>	<b>Breaking</b>
<b>BRKR</b>	<b>Breaker</b>
<b>BRT</b>	<b>Bright</b>
<b>BS</b>	<b>British Standard</b>
<b>BSCU</b>	<b>Brake System Control Unit</b>
<b>BSV</b>	<b>Brake Shutoff Valve</b>
<b>BSY</b>	<b>Busy</b>
<b>BTB</b>	<b>Bus Tie Breaker</b>
<b>BTC</b>	<b>Bus Tie Contactor</b>
<b>BTL</b>	<b>Bottle</b>
<b>BTR</b>	<b>Bus Tie Relay</b>
<b>BTU</b>	<b>British Thermal Unit</b>
<b>B/U</b>	<b>Backup</b>
<b>BUF</b>	<b>Buffet (as in buffet speed)</b>
<b>BUS</b>	<b>Bus Bar</b>

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## **C**

<b>C</b>	<b>Center / Cold</b>
<b>CAD</b>	<b>Computer Aided Design</b>
<b>CAM</b>	<b>Computer Aided Manufacturing</b>
<b>CANX</b>	<b>Cancel Exercise</b>
<b>CAP</b>	<b>Capture</b>
<b>CAPT</b>	<b>Captain</b>
<b>CAS</b>	<b>Calibrated Airspeed / Crew Alerting System</b>
<b>CASS</b>	<b>Cassette Player</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

CAT	Clear air turbulence
CATS	Computer Assisted Training System
CB,C/B	Circuit Breaker
CBMS	Circuit Breaker Monitoring System
CBN	Cabin
CBP	Circuit Breaker Panel
CBT	Computer-Based Training
CCA	Central Control Actuator
CCW	Counterclockwise
CD	Compact Disc
CDH	Clearance Delivery Head
CDL	Configuration Deviation list
CDI	Course Deviation Indicator
CDR	Clearance Delivery Radio
CDU	Control Display Unit
CFDIU	Centralized Fault Data Interface Unit
CFDS	Centralized Fault Display System
CFI	Certified Flight Instructor
CFIT	Controlled Flight Into Terrain
CFM	Cubic Feet Per Minute
C.G.,CG	Center Of Gravity
CGSS	Computer Generated System Simulator
CHAN,CH	Channel
CHDO	Certificate Holding District Office
CHG	Change
CHK	Check
CHP	Course and Heading Panel
CHR	Chronograph
CHRGR	Charger
CIDS	Cabin Intercommunication Data System
CIS	Cabin Interphone System
CK	Check
CKLST	Check List
CKT	Circuit
C/L	Check List
CL	Close
CLB	Climb
CLK	Clock
CLR	Clear
CLSD	Closed
CMD	Command
CMPTR	Computer
CNC	Computer Numeric Control
CNX	Canceled
CO	Company
COM,COMM	Communication
COMP	Compressor / Compartment

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

CON	Continuous
COND	Condition
CONF	Configuration
CONFIG	Configuration
CONN	Connection
CONT	Control / Continuous
CORR	Correction
CO RTE	Company Route
CP	Control Panel
CPA	Closest Point of Arrival / Closest Point of Approach
CPC	Cabin Pressurization Controller
CPCS	Cabin Pressure Control System
CPCU	Cabin Pressure Controller Unit
CPIT	Cockpit
CPTP	Civilian Pilot Training Program
CPU	Computer Processing Unit
CRC	Continuous Repetitive Chime
CRG	Cargo
CRS	Course
CRSR	Cursor
CRT	Cathode Ray Tube
CRZ	Cruise
CSCU	Cargo Smoke Control Unit
CSD	Constant Speed Drive
CSEU	Control System Electronic Unit
CSM/G	Constant Speed Motor/Generator
CSTR	Constraint
CTA	Control Area
CTAF	Common Traffic Advisory Frequency
CTL PNL	Control Panel
CTR	Contour / Center
CTS	Course To Steer
CU	Control Unit
CUM	Cumulative
CVR	Cockpit Voice Recorder
CVRDA	Cockpit Voice Recorder
CW	Clockwise / Continuous Wave
CWMS	Control Wheel Master Switch
CWP	Crew Warning Panel
CWS	Control Wheel Steering
CWTS	Control Wheel Trim Switch

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

#### **D**

DA	Drift Angle
DAC	Digital to Analogue Converter
DAFIF	Digital Aeronautical Feature Information File
DAR	Digital AIDS Recorder
DAU	Data Acquisition Unit
DBU	Data Base Unit
DC	Direct Current / Display Controller
DCV	Directional Control Valve
DDRMI	Digital distance and Radio Magnetic Indicator
DECEL	Decelerate
DECR	Decrease
DED	Dedicated
DEEC	Digital Electronic Engine Computer / Control
DEG	Degree
DEM	Demand
DEP	Deployment / Deployed
DEP,DEPT	Departure / Depart
DEPR	Depressurize
DER	Designated Engineering Representative
DES	Descent
DEST	Destination
DET	Detector
DETD	Digital Terrain Elevation Data
DEV	Deviation
DFA	Delayed Flap Approach
DFDAU	Digital Flight Data Acquisition Unit
DFDR	Digital Flight Data Recorder
DFFC	Dual Fuel Flow Converter
DG	Display Generator / Display Gyro
DGC	Display Guidance Computer
DGR	Degrade
DH	Decision Height
DIFF	Differential
DIM	Dimmer
DIR	Direct / Direction
DIR TO	Direct To
DIS,DIST	Distance
DISC	Disconnect
DISCH	Discharge
DISCONT	Discontinued
DISP	Dispatch
DITS	Digital Information Transfer System
DK	Deck
DMC	Display Management Computer
DME	Distance Measuring Equipment

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

DMU	Data Management Unit (Aids)
DN	Down
DNTKFX	Down Track Fix
DOF	Degrees Of Freedom
DR	Dead reckoning / Door
DRO	Digital Readouts
DSDL	Dedicated Serial Data Link
DSG	Display Guidance Computer
DSPL/DSPY	Display
DSU	Display Splitter Unit
DTG	Distance To Go
DTK/DTRK	Desired Track
DTO	Direct To
DTU	Data Transfer Unit
DU	Display Unit
DVC	Dual Video Card
DVM	Digital Voltmeter

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## **E**

E	East
EADI	Electronic Attitude Director Indicator
EAS	Equivalent Airspeed
EBU	Engine Build-Up
ECAM	Electronic Centralized Aircraft Monitoring Computer
ECAM	Electronic Control and Maintenance display
ECAS	Engine Condition and Monitoring System
ECB	Electronic Control Box (APU)
ECHUM	Electronic Chart Updating Manual
EC JAR	European Community-Joint Airworthiness Requirements
ECM	Engine Condition Monitoring
ECON	Economic
ECP	ECAM Control Panel / EFIS Control Panel
ECR	Engineering Change Records
ECS	Environmental Control System
ECS PRSOV	ECS Pressure Regulating and Shutoff Valve
ECTM	Engine Condition Trend Monitor
ECU	Engine Control Unit / Electronic Control Unit
ECU	Environmental Control Unit (Thrust Reversers)
E/D	End of Descent
EDP	Engine Driven Pump / Engine Primary Hydraulic Pump
EDS	Engine Diagnostic System / Electronic Display System
EDS BITE	Engine Diagnostic System Built-In Test Equipment

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

EDU	Engine Diagnostic System
E/E	Electrical / Electronic
EEC	Electronic Engine Control
EEL	Emergency Exit Lights / Emergency Escape Path Lighting
EET	Estimated Elapsed Time
EFB	Electronic Flight Bag
EFC	Expect Further Clearance
EFCS	Electronic Flight Control System
EFD	Electronic Flight Display
EFI	Electronic Flight Instruments
EFIS	Electronic Flight Instrument System
EFOB	Estimated Fuel On Board
EGPWS	Enhanced Ground Proximity Warning System
EGT	Exhaust Gas Temperature
EHA	Electro-hydraulic Actuator
EHF	Extremely high frequency
EHSI	Electronic Horizontal Situation Indicator
EI	Engine Indicating / Engine Indications
EICAS	Engine Indication (Instruments) and Crew Alerting System
EIS	Electronic Instruments System
EIU	Engine Interface Unit
EL	Elevator
ELAC	Elevator Aileron Computer
ELCU	Electrical Load Control Unit
ELEC	Electrical / Electronics
ELEV	Elevator / Elevation
ELF	Extremely low frequency
ELMS	Electrical Load Management System
ELT	Emergency Location (Locator) Transmitter
ELV	Elevation
EMA	Electro-mechanical Actuator
EMER	Emergency
EMER GEN	Emergency Generator
EMER-V	Emergency Bus Voltage
EMI	Electro-Magnetic Interference
EMP	Electric Motor Pump
ENG	Engine
ENR,ENRT	Enroute
ENT,ENTR	Enter
ENTMT	Entertainment
EO, E/O	Engine Out
E.P.	Eye Point
EPE	Estimated Position Error
EPI	Elevator Position Indicator
EPNdB	Effective Perceived Noise in Decibels
EPR	Engine Pressure Ratio
EPRL	EPR Limit

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

EQPT	Equipment
EQUIV	Equivalent
ER	Extended Range
EROPS	Extended Range Operations
ERP	EFIS Radar Panel
ERR	Error
ESS	Essentials
EST	Estimated
ET	Elapsed Time
ETA	Estimated Time of Arrival
ETE	Estimated Time en Route
ETOPS	Extended-Range Twin Engine Operations
ETP	Equal Time Point
ETT	Estimated Takeoff Time
EVAC	Evacuation
EVMU	Engine Vibration Monitoring Unit
E/WD	Engine / Warning Display
EXCD	Exceedances
EXEC	Execute
EXH	Exhaust
EXPED	Expedite
EXT	Extended / Extension / Exterior / External / Extinguisher
EXTEN	Extension
EXT PWR	External Power

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## **F**

F/A	Flight Attendant
FAA	Federal Aviation Administration
FAC	Flight Augmentation Computer
FACTR	Factor
FADEC	Full Authority Digital Engine Control (System)
FAF	Final Approach Fix
FAMX	Familiarization Exercise
FAR	Federal Aviation Regulation
FAV	Fan Air Valve
FBO	Fixed Base Operator
FBW	Fly-By-Wire
F/C	Flight Crew/ First Class
FCC	Flight Control Computer / Federal Communications Commission
FCDC	Flight Control Data Concentrator
FCP	Flight Control Panel
FCS	Flight Control System

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

FCST	Forecast
FCU	Flight Control Unit / Flap Control Unit / Fuel Control Unit
FD, F/D	Flight Director
FDAU	Flight Data Acquisition Unit
FDIU	Flight Data Interface Unit
FDR	Flight Data Recorder
FDU	Fire Detection Unit / Flux Detector Unit
FE	Flight Engineer
FF, F/F	Fuel Flow
FF PPH	Fuel Flow Pounds Per Hour
FFRATS	Full Flight Regime Auto Throttle System
FG	Flight Guidance
FGC	Flight Guidance Computer / Flight Guidance Controller
FGC XFR	Flight Guidance Controller Transfer (Switch)
FGS	Flight Guidance System
FH	Flight Handbook
FHOC	Fuel Heater Oil Cooler
FIDDS	Fault Isolation and Detection Display System
FIDS	Fault Isolation and Detection System
FILT	Filter
FIR	Flight Information Region
FIRM	Fault Isolation Reporting Manual
FL	Flight Level
FLC	Flight Level Change (Normal Profile)
FLCH	Flight Level Change High (Speed Profile)
FLD	Flood
FLIFO	Flight Information
FLIP	Flight Information Publication
FLP	Flap / Flight Plan
FLT	Flight
FLT CLT	Flight Control
FM	Flight Management / Frequency modulation
FMA	Flight Mode Annunciator
FMC	Flight Management Computer
FMCS	Flight Management Computer System
FMECA	Failure Modes Effects and Criticality Analysis
FMGC	Flight Management Guidance Computer
FMGS	Flight Management Guidance System
FMS	Flight Management System
FMS CDU	Flight Management System Control Display unit
FMU	Fuel Metering Unit
FO	Flyover
F/O	First Officer
FOB	Fuel on Board
FOD	Foreign Object Damage
FOG	Fiber Optics Gyro
FOM	Flight Operations Manual

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

FOTM	Flight Operations Training Manual
FP	Flight Plan
FPA	Flight Path Angle / Flight Path Acceleration
F-PLN	Flight Plan
FPL	Flight Plan
fpm	Feet Per Minute
FPPU	Feed-Back Position Pick-Off Unit
FPS	Flight Per Second
FPT	Flight Plan Time
FPU	Flap Power Unit
FPV	Flight Path Vector
FQ	Fuel Quantity
QF	Fuel Quantity Fault (CAS MSG)
FQI	Fuel Quantity Indication / Unit
FQSC	Fuel Quantity Signal Conditioner
FR	From
FREQ	Frequency
FRM	Fault Reporting Manual
FRT	Front
FRV	Fuel Return Valve
FS	Flight Safety / Fast Slew / Flight Simulator
F/S	Fast/Slow (indicator)
FSBY	Forced Standby (WX)
FSDO	Flight Standards District Office (FAA)
FSEU	Flap/Slat Electronic Unit
FSF	Flight Safety Foundation
FSIM	Flight Simulator Interface Module
FSS	Flight Service Station
FSUIPC	Flight Simulator Universal Inter-Process Communication
Ft, FT	Foot / Feet / Flight Time
FTA	Fault Tree Analysis
FTD	Flight Training Device
FTM	Flight Training Manual
FT/MN	Feet per Minute
FTP	File Transfer Protocol
FU	Fuel Used
FWD	Forward
FWC	Flight Warning Computer
FWS	Flight Warning System
FWSOV	Firewall Shutoff Valve (Valves)

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

#### **G**

G	Gravity (G-Force) / Gyro (flag on ADI)
G/A,GA	Go Around, General Aviation
GB	Generator Breaker
GC	Guidance Control
GCA	Ground Controlled Approach
GCR	Generator Control Relay
GCU	Generator Control Unit
GD	Gear Down
GE	General Electric
GEN	Generator
GFI	Ground Fault Interrupt
GFR	Generator Field Relay
GLC	Generator Line Contractor
GLY	Galley
GMAP	Ground Map / Ground mapping
GMT	Greenwich Mean Time
GNC	Global Navigation Chart
GND	Ground
GP	General Purpose / Glide path
GPCU	Ground Power Control Unit
GPH	Gallons Per Hour
GPM	Gallons Per Minute
GPS	Global Positioning System (Navstar)
GPU	Ground Power Unit
GPWS	Ground Proximity Warning System
GR	Gear / Generator Relay
GRAC	Ground Reference Air Chart
GRD	Ground
GRND	Ground
GRP	Geographic Reference Point
GRVTY	Gravity
GS	Glide Slope / Ground Speed
G/S	Glide Slope
GSE	Ground support equipment
GSP	Ground Service Panel (Hydraulic)
GSPD	Ground Speed
GTOW	Gross Takeoff Weight
GU	Gear Up
GUI	Graphical User Interface
GW	Gross Weight

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

## **H**

H	Hour / Hot / Hold
HA	Halon fire extinguisher
HAI	High Altitude Indoctrination
HCU	Hydraulic Control Unit (T/R Control Valve)
HDBK	Handbook
HDG	Heading
HDG INT	Heading Intercept
HDG/S	Heading Selected
HDG SEL	Heading Select
HDL	Handle
HDPH	Headphone
HDWD	Headwind
HF	High Frequency
HFCU	Hydromechanical Fuel Control Unit
HG	Heading
HI	High
HIRF	High Intensity Radiated Field
HLD	Hold / Holding
HMG	Hydraulic Motor Generator
HMU	Hydro-Mechanical Unit
HOL	High-Order Language
HOT	High Oil Temperature
HP	High Pressure (Spool)
hPa	Hectopascal (One Hectopascal = One Millibar)
HPV	High Pressure Valve
HR	Hour
HSC	Hydraulic Service Center
HSI	Horizontal Situation Indicator
HT	Height / Heat
HTR	Heater
HUD	Head Up Display
HUMID	Humidifier
HVOR	High VHF Omni-Directional Range
H/Wind	Headwind
HYD	Hydraulics
HZ	Hertz (cycles per second in alternating current)

## **I**

IAC	Integrated Avionic Computer
IAF	Initial Approach Fix

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

IAPS	Integrated Avionics Processor System
IAS	Indicated Airspeed
IATA	International Air Transport Association
IAW	In Accordance With
IBL	Integrated Back Lighting
IC	Integrated Computer / Display Flight Guidance Computer
I/C	Inspection/Check
ICAO	International Civil Aviation Organization
IC/SG	Intercommunication / Signal Generator
IC/SG	Integrated Computer/Symbol Generator (IC-600)
ICU	Instrument Comparator Unit / Indicator Control Unit
ID	Identifier / Identification
IDENT	Identification
IDG	Integrated Drive Generator
IDS	Integrated Display System / Instrument Display System
IDU	Interactive Display Unit
I.E.	That Is
IFE	In Flight Entertainment System
IFOG	Interferometric Optical Gyro System
IFOG	Interferometer Fiber Optic Gyro
IFR	Instrument Flight Rules
IGN	Ignition (EI)
ILLUM	Illuminate / Illuminated
ILS	Instrument Landing System
IM	Inner Marker
IMBAL	Imbalance
IMC	Instrument Meteorological Conditions
IMM	Immediate
IMP	Imperial
IN	Inches
INB	Inbound
INBD	Inboard
INBO	Inboard
INBRD	Inboard
INC	Incorporated
INCR	Increase
INCREM	Increment
IND	Indicator / Indicated
INFLT	In Flight
INHIB	Inhibit
inHg	Inches of Mercury (Standard Pressure 29.92 inHg)
INHIB	Inhibit
INIT	Initialization / Initialize
INOP	Inoperative / Inoperable
INPH	Interphone
INR	Inner
INS	Inertial Reference System (J)

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

INSP	Inspection
INST	Instrument
INSTR	Instrument
INT	Interphone / Initialization / Intensity / Intersection
INTC	Intercept
INTCP	Intercept
INTEG	GPS Integrity
INTPH	Interphone
INV	Inverter
I/O	Input/Output
IOE	Initial Operating Experience
IP	Intermediate Pressure/Input/Intercept Profile/Initial Point
IPC	Intermediate Pressure Check valve
IPPU	Instrumentation Position Pick-off Unit
IR	Infrared / Infrared Radiation
IRS	Inertial Reference System
IRU	Inertial Reference Unit
ISA	International Standard Atmosphere
ISB	Inter-System Bus
ISDU	Inertial Sensor Display Unit
ISLN	Isolation
ISOL	Isolate / Isolated / Isolation (valve)
ITT	Interstage Turbine Temperature
IVSI	Instantaneous Vertical Speed Indicator
IV&V	Independent Validation and Verification

---

## **J**

JAA	Joint Aviation Authority
JAR	Joint Aviation Regulations (Requirements)
JEPP	Jeppeson
JETT	Jettison
JNC	Jet Navigation Chart
JOG	Joint Operations Group
JP(4,5)	Military Jet Fuel
JSTK	Joystick

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

#### **K**

K,KT,KTS	Knots
KEAS	Knots Equivalent Airspeed
KG	Kilograms
kHz	Kilohertz
KIAS	Knots Indicated Airspeed
KIFIS	Kollsman Integrated Flight Instrument System
km	Kilometers
kph,km/H	Kilometers Per Hour / Kilograms Per Hour
kt	Knot
KTAS	Knots True Airspeed
kVA	Kilovolt-Ampere
KVAR	Kilovolt-Ampere Reactive
KW	Kilowatt

---

#### **L**

L	Left / Learjet
LAF	Load Alleviation Function
LAND	Auto Land mode annunciation
LAT	Latitude, Lateral
LAT/LON	Latitude / Longitude
LAT REV	Lateral Revision
LAV	Lavatory
LB	Pound / Left Bank
LCA	Line Check Airman
LCD	Liquid Crystal Display
LCL	Local
LCN	Load Classification Number
LCU	Light (Lighting) Control Unit
LD	Load; a unitized cargo loading container, (ie: LD-3)
LDA	Localizer type approach
LDG	Landing
LDG GR	Landing Gear
LDOC	Long Distance Operational Control
LE	Leading Edge
LEC	Lecture
LED	Light Emitting Diode
LF	Low Frequency / Left Front
LFT	Left
LG, L/G	Landing Gear
LGCIU	Landing Gear Control Interface Unit

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

LGPIU	Landing Gear Position Indicating Unit
LGT	Light
LGW	Landing Gross Weight
LH	Left Hand
LIM	Limit / Limitation
LIS	Localizer Inertial Smoothing
LJ	Learjet
LK	Lock
LKD	Locked
LL	Latitude / longitude
LLG	Lower Lobe Galley
LLS	Left Line Select Key
LLSK	Left Line Select Key
LLWAS	Low Level Wind Shear
LM	Low Minimums
LMM	Locator Middle Marker
LMR	Load Monitor Relay
LN	Left Nose
L NAV	Lateral Navigation
LNDG	Landing
LO	Low
LOC	Localizer, Lock
LOFT	Line Oriented Flight Training
LOGO	Logo graphic
LOM	Locator Outer Marker
LONG,LON	Longitude
LOP	Line Of Position / Low Oil Pressure
LORAN	Long Range Navigation
LOS	Loss of Signal / Line Oriented Simulation
LP	Low Pressure (Spool)
LPM	Liter Per Minute
LR	Left Rear / Learjet
LRC	Long Range Cruise
Lrg	Large
LRN	Long Range Navigation
LRRR	Low Range Radio Altimeter
LRU	Line Replaceable Unit
LS	Line Select
L&S	Limits and Specifications
LSA	Low Speed Awareness
LSB	Lower Side Band / Least Significant Bit
LSK	Line Select Key
LSP	Limit Select Panel
LSU	Lavatory Service Unit
LT,LTS	Light / Left / Local Time
LTG	Lighting
LVDT	Linear Variable Differential Transformer

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

LVL	Level
LVL/CH	Level Change
LVOR	Low VHF Omni-Directional Range
LW	Left Wing / Landing Weight
LWD	Left Wing Down
LWR	Lower

---

## **M**

*M	Degrees Magnetic
M1	Mach
M,m	Mach / Machine / Meter / Magenta
MAC	Mean Aerodynamic Chord / Military Airlift Command
M.A.C.	Mean Aerodynamic Chord
MAC's	Midair Collisions
MADC	Micro Air Data Computers
MAG	Magnetic
MAG DEC	Magnetic Declination
MAG VAR	Magnetic Variation
MAINT	Maintenance
MALF	Malfunction
MAN	Manual / Manifold / DEEC Fuel Control Mode (EI)
MANFLD	Manifold
MAP	Missed Approach Point
M/AS	Mach Airspeed
MASI	Mach Airspeed Indicator
MAX	Maximum
MAX CLB	Maximum Climb
MAX DES	Maximum Descent
MAX END	Maximum endurance
mB	Millibar
MC	Master Caution
MCA	Minimum Crossing Altitude
MCDP	Maintenance Control and Display Panel
MCDU	Multifunction Control and Display Unit
MCH	Mach
MCP	Mode Control Panel
MCR	Maximum Cruise Thrust / Maximum Recommended Cruise
MCT	Maximum Continuous Thrust
MCU	Modular Concept Unit / Master Control Unit
MCW	Maximum Cruise Weight
MDA	Minimum Descent Altitude
MDF	Medium Density Fiberboard

# **PROJECT 45**

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>MDH</b>	<b>Minimum Descent Height</b>
<b>MDI</b>	<b>Manual Data Inputs</b>
<b>MDLF</b>	<b>Minimum Desired Landing Fuel</b>
<b>MDU</b>	<b>Multipurpose Display Unit</b>
<b>MEA</b>	<b>Minimum Enroute Altitude</b>
<b>MEC</b>	<b>Main Engine Control</b>
<b>MECH</b>	<b>Mechanic / Mechanical</b>
<b>Med</b>	<b>Medium</b>
<b>MEL</b>	<b>Minimum Equipment List</b>
<b>MEM</b>	<b>Memory</b>
<b>MESC</b>	<b>Mid Electronic Service Center</b>
<b>MEW</b>	<b>Manufacturers Empty Weight</b>
<b>MF</b>	<b>Medium Frequency</b>
<b>MFA</b>	<b>Memorized Fault Annunciator</b>
<b>MFD</b>	<b>Multi-Function Display</b>
<b>MFU</b>	<b>Multi Function Unit</b>
<b>MGMT,MGT</b>	<b>Management</b>
<b>MGP</b>	<b>Microwave Glide path</b>
<b>MHz</b>	<b>Megahertz</b>
<b>mi</b>	<b>Miles</b>
<b>MIC</b>	<b>Microphone</b>
<b>MIC STK</b>	<b>Stuck Microphone</b>
<b>MID</b>	<b>Middle</b>
<b>MIKE</b>	<b>Microphone</b>
<b>MIN</b>	<b>Minimum</b>
<b>MIP</b>	<b>Main Instrument Panel</b>
<b>MISC</b>	<b>Miscellaneous</b>
<b>MISCMP</b>	<b>Mis-Compare</b>
<b>MKR</b>	<b>Marker / Range Marks</b>
<b>MLG</b>	<b>Main Landing Gear</b>
<b>MLS</b>	<b>Microwave Landing System</b>
<b>MLW</b>	<b>Maximum Landing Weight</b>
<b>MM</b>	<b>Middle Marker</b>
<b>MMEL</b>	<b>Master Minimum Equipment List</b>
<b>Mmo</b>	<b>Maximum Mach Operating Speed</b>
<b>MMT</b>	<b>Minimum Movement Threshold</b>
<b>MN</b>	<b>Main / Mach Number / Minute</b>
<b>MOA</b>	<b>Military Operation Area</b>
<b>MOCA</b>	<b>Minimum Obstruction Clearance Altitude</b>
<b>MOD</b>	<b>Module / Modification</b>
<b>MOM</b>	<b>Momentary Contact</b>
<b>MON</b>	<b>Monitor</b>
<b>MONITR</b>	<b>Monitor</b>
<b>MORA</b>	<b>Minimum Off Route Altitude</b>
<b>MOT</b>	<b>Mark On Top</b>
<b>M/P</b>	<b>Mission Planner / Master Plan / Map Plan</b>
<b>MPG</b>	<b>Manual Pulse Generator / Miles Per Gallon</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>MPH</b>	<b>Miles Per Hour</b>
<b>MPM</b>	<b>Miles Per Minute</b>
<b>MPR</b>	<b>Manual Power Reserve</b>
<b>MPS</b>	<b>Meters Per Second</b>
<b>MR</b>	<b>Manual Rate</b>
<b>MRA</b>	<b>Minimum Reception Altitude</b>
<b>MRC</b>	<b>Maximum Range Cruise</b>
<b>MRIU</b>	<b>Maintenance and Recording Interface Unit</b>
<b>MRM</b>	<b>Maintenance Reporting Manual</b>
<b>MSA</b>	<b>Minimum Safe Altitude</b>
<b>MSB</b>	<b>Most Significant Bit</b>
<b>MSG</b>	<b>Message</b>
<b>MSL</b>	<b>Mean Sea Level</b>
<b>MSP</b>	<b>Mode Select Panel</b>
<b>M-SPD</b>	<b>Manual Speed</b>
<b>MSTR</b>	<b>Master</b>
<b>MSU</b>	<b>Mode Select Unit / Mode Selector Unit</b>
<b>MSW</b>	<b>Master Switch, Control Wheel Master Switch</b>
<b>MTBF</b>	<b>Mean Time Between Failure</b>
<b>MTCE</b>	<b>Maintenance</b>
<b>MTG</b>	<b>Miles To Go</b>
<b>MTNCE</b>	<b>Maintenance</b>
<b>MTOGW</b>	<b>Maximum Takeoff Gross Weight</b>
<b>MTOW</b>	<b>Maximum Takeoff Weight</b>
<b>MTRS</b>	<b>Meters</b>
<b>MTW</b>	<b>Maximum Taxi Weight</b>
<b>MU</b>	<b>Management Unit</b>
<b>mul</b>	<b>Multicom</b>
<b>MUX</b>	<b>Multiplexer / Multiplex</b>
<b>MW</b>	<b>Master Warning</b>
<b>MW/MC</b>	<b>Master Warning / Master Caution</b>
<b>MZ</b>	<b>Melt Zone (Fuse Plug)</b>
<b>MZFW</b>	<b>Maximum Zero Fuel Weight</b>

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## **N**

<b>N1</b>	<b>Low Pressure Rotor (Fan) Speed</b>
<b>N2</b>	<b>High Pressure Rotor Compressor (Turbine) Speed</b>
<b>N</b>	<b>North / Nose / Normal</b>
<b>N</b>	<b>APU or Engine RPM (%)</b>
<b>N/A</b>	<b>Not Applicable</b>
<b>NAC</b>	<b>Nacelle (A streamlined enclosure for an aircraft engine)</b>
<b>NAC</b>	<b>Naval Air Crewman</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

NACA	National Advisory Committee for Aeronautics
NAI	Nacelle Anti Ice
NAM	Nautical Air Miles
NATNL	National
NASA	National Aeronautics and Space Administration
NATOPS	Naval Air Training Operational Procedures Standards
NAV	Navigation
NAVAID	Navigation Aid
NB	Non-directional Radio Beacon / Narrow Band
ND	Navigation Display
NDB	Non-directional Radio Beacon / Nav Database
NDN	Nose Down
NEG	Negative
NEUT	Neutral
NEG	Negative
NFO	Non Fly Over
NGM	Nautical Ground Miles
NiCAD	Nickel-Cadmium Battery
NIST	National Institute For Standards & Testing
NLG	Nose Landing Gear
nm	Nautical Mile
NO.	Number
NOCOM	No Communications
NORM	Normal
NoPT	No Procedure Turn
NORDO	No Radio
NORM	Normal
NOTAM	Notice to Airmen
NOZZ	Nozzle
NPA	Nonprecision Approach
NRST	Nearest
NTSB	National Transportation Safety Board
NUM	Number
NUP	Nose Up
NW	Nose Wheel
NWS	Nose Wheel Steering
NXT	Next

---

## **O**

O2	Oxygen
OA	Non-Threat Advisory (TCAS)
OAT	Outside Air Temperature

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

OBRM	On Board Replacement Module
OBS	Observer / Omni Bearing Selector
OCA	Oceanic Control Area / Obstacle Clearance Altitude
OEW	Operating Empty Weight
OFF/R	Off Reset
OFST	Offset
OGW	Operating Gross Weight
OH	Overheat
OHT	Overheat
OK	Okay
OM	Outer Marker
OMC	Observer Member of the Crew / Operation Navigation Chart
OMNI	Omnidirectional Navigation Radio
ONC	Operation Navigation Chart
ONS	Omega Navigation System
ONSTAY	On Station
OP	Open / Operating
O/P	Output / Oil Pressure
OPM	Operating Performance Manual
OPORD	Operation Order
OPP	Opposite
OPR	Operate
OPRN	Operation
OPT	Optimum
ORIDE	Override
OSB	Oriented Standard Board
OSS	Over Station Sensor / Omega Sensor System
OUTB	Outbound
OUTBD	Outboard
OUTR	Outer
OVBD	Overboard
OVHD	Overhead
OVHT	Overheat
OVRD	Override
OVRDN	Overridden
OVSPD	Over Speed
OW, O/W	Over Water
OWE	Operating Empty Weight
OXY,	Oxygen

---

## **P**

P3 Compressor Discharge Pressure

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

P	Panel / Projector
PA	Passenger Address / Public Announcement
PA	Proximity Intruder (TCAS)
PAC	Pilot at Controls / Pack (air-conditioning)
PACK	Air-conditioning Package
PAM	Pulse amplitude modulation
P amb	Ambient Pressure
PAPR	Paper
PAR	Precision approach radar
PASS	Passenger
PAX	Passengers / Passenger Address
PB	Pushbutton
PBE	Protective Breathing Equipment
PCA	Power Control Actuator
PCIP	Precipitation
PCU	Power Control Unit
P-DES	Profile Descent
PDI	Pictorial Deviation Indicator
PDP	Power Distribution Panel
PDS	Primary Diversion Station
PDU	Pilot Display Unit / Power Drive Unit
PED	Pedestal
PEND	Pendant
PE/PS	Passenger Entertainment/Passenger Service System
PERF	Performance
PERS	Personnel
PES	Passenger Entertainment System / Pitch Enhancement System
PF	Pilot Flying
PFC	Porous Friction Course Overlay (runway Surface)
PFCS	Primary Flight Control System
PFD	Primary Flight Display
PFM	Pulse frequency modulation / Pure Flipping Magic
PG, PGE	Page
PHC	Probe Heat Computer
PIC	Pilot In Command
PIT	Pitch
PIT TRIM	Pitch Trim
PIU	Passenger Interface Unit
PK	Park
PKS	Packs
PL	Payload
PLA	Power Level Angle
PLAN	EFIS Mode
PLI	Pitch Limit Indicator
PLNG	Planning
PLS	Pitch Limit Symbol
PLT	Pilot

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

PM	Phase modulation / Afternoon
PMA	Permanent Magnet Alternator
PMC	Power Management Control
PMG	Permanent Magnet Generator
PMP	Pump
PMS	Performance Management System / Power Management System
PNEU	Pneumatic
PNF	Pilot Not Flying
PNL	Panel
PNR	Point of No Return
PNRatio	Positive/Negative Ratio
PO	Outside Air Pressure
POB	Pressure Off Brake
POD	Point of Descent
POI	Principal Operations Inspector
POS	Position / Positive
POVMC	Planned to Operate in Visual Meteorological Conditions
PPH	Pounds Per Hour (Fuel Flow)
PPOS	Present Position
PPU	Position Pick-off Unit
PR	Pressure
PRCHDG	Heading Procedure Turn
PRECIP	Precipitation
PRED	Prediction
PRESS	Pressure
PREV	Previous
PRI / PRIM	Primary
PROB	Probable / Probably
PROC	Procedure / Procedural
PROC T	Procedure Turn
PROF	Profile
PROG	Progress
PROT	Protection
PROX	Proximity
PRSOV	Pressure Regulating and Shutoff Valves
P/RST	Push To Reset
PRT	Printer
PRV	Pressure Regulating Valve
P/S	Pilot / Static
PSI	Pounds Per Square Inch
PSID	Pounds Per Square Inch Differential
PSIG	Pounds Per Square Inch Gauge
P-SPEED	Profile Speed
PSS	Passenger Service system
PSU	Passenger Service Unit
PT2	Engine Inlet Total Pressure
PT2	Engine Inlet Pressure Sensing Probe

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

PT	Point
PTC	Pitch Trim Compensator
PTH	Path
PTN	Procedure Turn
PTR	Printer
PTS	Practical Test Standards (FAA)
PTT	Push To Talk
PTU	Power Transfer Unit
PVI	Para visual Indicator
PW	Pratt-Whitney
PWR	Power

---

## **Q**

QA	Quality Assurance
QAR	Quick Access Record
QC	Quick Change
QEC	Quick Engine Change
QFE	Local Station Barometric Pressure
QNE	Sea Level Standard Atmosphere Pressure
QNH	Sea Level Atmosphere Pressure
QRH	Quick Reference Handbook
QT	Quart (US)
QTR	Quarter
QTY	Quantity

---

## **R**

R	Right / Red / Reset
RA	Radio Altitude / Radio Altimeter
RA	Resolution Advisories (TCAS II)
RABS	Reverse Actuated Bleed System
RAD	Radial / Radio
RAIM	Receiver Autonomous Integrity Monitoring
RAM	Random Access Memory
RAT	Ram Air Turbine / Ram Air Temperature
RAT	Relay Acceptance Threshold
RB	Right Bank / Rudder Boost
RBN	Radio beacon
RCA	Reaching Cruise Altitude

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

RCCB	Remote Control Circuit Breaker
RCD	Record
RCDR	Recorder
RCL	Recall
RCT	React
RCVD	Received
RCVR	Receiver
RDDMI	Radio Distance Magnetic Indicator
RDMI	Radio Distance Magnetic Indicator
REACT	Rain Echo Attenuation Compensation Technique
REC	Recorder
RECIRC	Recirculate
RECOG	Recognition
REF	Reference
REFRIG	Refrigeration
REG	Regulator
REL	Release / Relative
REP	Representative / Repellent
REPLNT	Repellent
REQ	Required / Requirements
REQUAL	Requalification
RES	Reserve
RESID	Residual
REST	Restriction
RESTR	Restriction
RESTRICTD	Restricted
RESV	Reserve
RET	Retract / Recurrent Emergency Training / Return
RETD	Retarded
REV	Reverse / Reverser / Revision
RF	Right Front / Refill / Radio Frequency
RFI	Radio Frequency Interference
RGS	Reference Ground Speed
RGT	Right
RH	Right Hand
R/I	Remove / Install
R.J.	Regional Jet
RLS	Release
RLSK	Right Line Select Key
RLY	Relay
RM	Radio Management
RMI	Radio Magnetic Indicator
RMKS	Remarks
RMP	Radio Management Panel
RMU	Radio Management Unit
RMUS	Radio Management Units
RN	Right Nose

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>RNAV</b>	<b>Radio Navigation</b>
<b>RNG</b>	<b>Range</b>
<b>ROC</b>	<b>Rate of Climb</b>
<b>ROL</b>	<b>Roll</b>
<b>ROT</b>	<b>Rotation</b>
<b>RPM</b>	<b>Revolutions Per Minute</b>
<b>RPT</b>	<b>Report</b>
<b>RPTG</b>	<b>Reporting</b>
<b>RPU</b>	<b>Receiver Processor Unit</b>
<b>RQRD</b>	<b>Required</b>
<b>RQST</b>	<b>Request</b>
<b>RR</b>	<b>Right Rear</b>
<b>RSB</b>	<b>Radio System Bus</b>
<b>RSS</b>	<b>Radio Sensor System</b>
<b>RST</b>	<b>Reset</b>
<b>RSV</b>	<b>Reserve</b>
<b>RSVR</b>	<b>Reservoir</b>
<b>RT</b>	<b>Receiver / Transmitter</b>
<b>R/T</b>	<b>Required Time of Arrival</b>
<b>RTA</b>	<b>Receiver, Transmitter, Antenna</b>
<b>RTCA</b>	<b>Radio Technical Commission for Aeronautics</b>
<b>RTE</b>	<b>Route / Route Data</b>
<b>RTN</b>	<b>Return</b>
<b>RTO</b>	<b>Rejected Takeoff</b>
<b>RTU</b>	<b>Radio Tuning Unit</b>
<b>RUD</b>	<b>Rudder</b>
<b>RVDT</b>	<b>Rotary Variable Differential Transformer(s)</b>
<b>RVR</b>	<b>Runway Visual Range</b>
<b>RVSM</b>	<b>Reduced Vertical Separation Minimums</b>
<b>RVSR</b>	<b>Reverser</b>
<b>RW</b>	<b>Right Wing / Runway</b>
<b>R/W</b>	<b>Runway</b>
<b>RWD</b>	<b>Right Wing Down</b>
<b>RWY</b>	<b>Runway</b>
<b>RX</b>	<b>Receive</b>

---

## **S**

<b>S</b>	<b>South / Stern</b>
<b>SAE</b>	<b>Society of Automotive Engineers</b>
<b>SAF</b>	<b>Safety</b>
<b>SAI</b>	<b>Standby Attitude Indicator</b>
<b>SAR</b>	<b>Search And Rescue / Surveillance Approach Radar</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>SAS</b>	<b>Stability Augmentation System</b>
<b>SAT</b>	<b>Static Air Temperature</b>
<b>SATCOM</b>	<b>Satellite Communication</b>
<b>SB</b>	<b>Service Bulletin</b>
<b>SBY</b>	<b>Standby</b>
<b>SC</b>	<b>Single Chime / Single Cue</b>
<b>S/C</b>	<b>Step Climb</b>
<b>SCATANA</b>	<b>Security Control of Air Traffic &amp; Air Navigation Aids</b>
<b>SCHED</b>	<b>Schedule</b>
<b>SD</b>	<b>System Display</b>
<b>S/D</b>	<b>Step Descent</b>
<b>SDAC</b>	<b>System Data Acquisition Concentrator</b>
<b>SDCU</b>	<b>Smoke Detection Control Unit</b>
<b>SDD</b>	<b>Sensor Display Driver</b>
<b>SDU</b>	<b>Sensor Display Unit</b>
<b>SEC</b>	<b>SECOND / Secondary / Sector</b>
<b>SEC</b>	<b>Spoiler Elevator Computer (A320)</b>
<b>SECT</b>	<b>Sector Scan</b>
<b>SEL</b>	<b>Select / Selector</b>
<b>SELCAL</b>	<b>Selective Call (Calling)</b>
<b>SENS</b>	<b>Sensitivity</b>
<b>SERV</b>	<b>Service</b>
<b>SETP</b>	<b>Society of Experimental Test Pilots</b>
<b>SFAR</b>	<b>Special Federal Aviation Regulation</b>
<b>SFCC</b>	<b>Slat Flap Control Computer</b>
<b>SFE</b>	<b>Seller Furnished Equipment</b>
<b>SG</b>	<b>Symbol Generator</b>
<b>SHF</b>	<b>Super High Frequency (3000 to 30,000mHz)</b>
<b>S/I</b>	<b>Switch / Indicator</b>
<b>SIC</b>	<b>Second In Command</b>
<b>SID</b>	<b>Standard Instrument Departure</b>
<b>SIGMET</b>	<b>Significant Meteorological Advisory</b>
<b>SIM</b>	<b>Simulation / Simulator</b>
<b>SIS</b>	<b>Service Interphone System</b>
<b>SKP</b>	<b>Skip</b>
<b>SL</b>	<b>Sea level</b>
<b>SLCTD</b>	<b>Selected</b>
<b>SLCTR</b>	<b>Selector</b>
<b>SLI</b>	<b>Scan Line Interleave / Scalable Link Interface</b>
<b>SLO</b>	<b>Slow</b>
<b>SLST</b>	<b>Sea Level Static Thrust</b>
<b>SLT</b>	<b>Slat</b>
<b>SMART</b>	<b>Signal Monitoring and Retracting Technique system</b>
<b>SMK</b>	<b>Smoke</b>
<b>Sml</b>	<b>Small</b>
<b>SNAFO</b>	<b>Situation Normal All Fricked Up</b>
<b>SNGL</b>	<b>Single</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>SNS</b>	<b>Standby Navigation System</b>
<b>S/O</b>	<b>Second Officer</b>
<b>SOE</b>	<b>Supervised Operational Experience</b>
<b>SOP</b>	<b>Standard Operating Procedures</b>
<b>SOV</b>	<b>Shutoff Valve</b>
<b>SP</b>	<b>Speed / Space (spacebar) / Scratch Pad / Special Purpose</b>
<b>SPD</b>	<b>Speed</b>
<b>SPDBRK</b>	<b>Speed Brake</b>
<b>SPD LIM</b>	<b>Speed Limit</b>
<b>SPKRS</b>	<b>Speakers</b>
<b>SPLFLP</b>	<b>Spoiler and Flap</b>
<b>SPLR</b>	<b>Spoiler</b>
<b>SPLRN</b>	<b>Spolieron (Spoiler/Aileron)</b>
<b>SPPR</b>	<b>Single-Point Pressure Refueling</b>
<b>SQ/SQL</b>	<b>Squelch / Squall</b>
<b>SRA</b>	<b>Specific Range Air</b>
<b>SRD</b>	<b>Software Requirements Document</b>
<b>SRFC</b>	<b>Surface</b>
<b>SRN</b>	<b>Short Range Navigation</b>
<b>SRS</b>	<b>Speed Reference System</b>
<b>SS</b>	<b>Slow Slew</b>
<b>SSB</b>	<b>Single Side Band / Split System Breaker</b>
<b>SSFDR</b>	<b>Solid-State Flight Data Recorder</b>
<b>SSRP</b>	<b>Squat Switch Relay Panel</b>
<b>STA</b>	<b>Station</b>
<b>STAB</b>	<b>Stabilizer</b>
<b>STAT</b>	<b>Status</b>
<b>STAT INV</b>	<b>Static Inverter</b>
<b>STAR</b>	<b>Standard Terminal Arrival Route</b>
<b>STB</b>	<b>Stabilization</b>
<b>STBY</b>	<b>Standby</b>
<b>STC</b>	<b>Sensitivity Time Control / Standard Type Certificate</b>
<b>STD</b>	<b>Standard</b>
<b>STG</b>	<b>Stage</b>
<b>STK</b>	<b>Stuck</b>
<b>STO</b>	<b>Short Take Off / Store / Storage</b>
<b>STOL</b>	<b>Short Takeoff or Landing</b>
<b>STR</b>	<b>Steer / Steering / Stretch</b>
<b>STRG</b>	<b>Steering</b>
<b>STRUCT</b>	<b>Structural</b>
<b>STS</b>	<b>Status / System Status</b>
<b>SUA</b>	<b>Special Use Airspace</b>
<b>SUMRY</b>	<b>Summary</b>
<b>SUP</b>	<b>Supply</b>
<b>SUPPL</b>	<b>Supplemental</b>
<b>SURF</b>	<b>Surface</b>
<b>SUSP</b>	<b>Suspend Waypoint Sequencing</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

SVCE	Service
SW	Switch
SWLT	Switch Light
SWTG	Switching
SXTK	Selected Cross Track
SY	System
SYN,SYNCH	Synchronize / Synchronization / Synchronized
SYNC	Synchronous / Synchronize
SYS	System
SYST	System, Synch

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## **T**

*T	Degrees True
T	Turn / True / Total
TA	Traffic Advisory (TCAS)
TACAN	Tactical Air Navigation
TACH	Tachometer
TACT	Tactical
TAF	International Terminal or Alternate weather Forecast
TAI	Thermal Anti-Ice
T amb	Ambient Temperature
TA/RA	Traffic / Resolution Advisory
TAS	True Airspeed
TAT	Total Air Temperature
TAWS	Terrain Awareness Warning System
TBD	To Be Determined
TBO	Time Between Overhaul
TC	Turbo Compressor
T/C	Top of Climb
TCA	Terminal Control Area
TCAS	Traffic Alert & Collision Avoidance System
TCC	Turbine Case Cooling
TCG	Time Code Generator
TCH	Threshold Crossing height
TCS	Touch Control Steering
T/D	Top of Descent
TDWR	Terminal Doppler Weather Radar
TE	Trailing Edge
TEMP	Temperature
TEMPS	Temperatures
TERM	Terminal / Terminal Area
TERR	Terrain

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

TFC	Traffic
TFR	Transfer
TGT	Target
TH	True Heading
T/HOLD	Throttle Hold
THR	Thrust
THR HOLD	Throttle Hold
THROT	Throttle
THRSH	Threshold
THRU	Through
THS	Trimable Horizontal Stabilizer
THSA	Trimable Horizontal Stabilizer Actuator
TK	Tank / Track Angle
TKE	Track Angle Error
TLA	Thrust Lever Angle
TLWD	Tailwind
TMA	Thrust Mode Annunciator / Terminal Area
TMA	ICAO Terminal Control Area
TMC	Thrust Management Computer
TMPY	Temporary
TMR	Timer / Triple Modular Redundancy
TMS	Thrust Management System
TMSP	Thrust Mode Select Panel
TO, T/O	Takeoff / Take-off Thrust Setting (EI)
TOC	Top Of Climb
TOD	Top Of Decent
TOGA	Takeoff / Go Around
TOGW	Takeoff Gross Weight
TOL	Tolerance
TONNES	Metric Ton
TOW	Takeoff Weight
TP, T/P	Turn Point / Test Point
TPC	Tactical Pilotage Chart
TPIS	Tire Pressure Indicating System
TQ	Throttle Quadrant
TR	Thrust Reverser / Transmitter Receiver
TRANS	Transition / Transfer
TRANSP	Transponder
TRK	Trace / Track (Also Ground Track)
TROPO	Tropopause
TR(S)	Transformer Rectifier
TRSA	Terminal Radar Service Area
TRU	Transformer Rectifier Unit
TS, Ts	Standard Temperature
TST	Test
TT2	Engine Inlet Total Temperature
TTG	Time to Go

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

TTL	Total
TURB	Turbine / Turbulence
TURBL	Turbulence
TVOR	Terminal VHF Omni-Directional Range
T/WIND	Tailwind
TWR	Tower
T/WX	Traffic and Weather Displayed simultaneously (TCAS)
TX	Transmitting / Transmit

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## **U**

U/D	Upper Deck
UFD	Unit Fault Data
UHF	Ultra High Frequency
UIR	Upper Information Region
ULB	Underwater Locator Beacon
UNLK,UNL	Unlock
UNLKD	Unlocked
uni	Unicom
UNPARLÖD	Unparalleled
UNSCHD	Unscheduled
UPGR	Upgrade
UPR	Upper
USB	Upper Side Band / Universal Serial Bus
UTC	Coordinated Universal Time / Greenwich Mean Time / Zulu Time
UTIL	Utility
UV	Ultraviolet radiation

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## **V**

V1	Critical Engine Failure Speed
V2	Take Off Safety Speed
V	Volt / Velocity or speed
VAC	Volts Alternating Current
VAL	Valve
VANG	Vertical Angle
VAPP	VOR Approach
VAR	Variation / Variable
VASI	Vertical Approach Slope Indicator
V/B	Vertical Bearing

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>VBV</b>	<b>Variable bypass valve</b>
<b>VC</b>	<b>Variable Camber</b>
<b>VCP</b>	<b>Video Cassette Player</b>
<b>VCR</b>	<b>Video Cassette Recorder</b>
<b>VDC</b>	<b>Volts Direct Current</b>
<b>VDP</b>	<b>Vertical Descent Point</b>
<b>VEF</b>	<b>Critical Engine Failure Speed</b>
<b>VEL</b>	<b>Velocity</b>
<b>VERT</b>	<b>Vertical</b>
<b>VFE</b>	<b>Maximum Velocity Flaps Extended</b>
<b>VFR</b>	<b>Visual Flight Rules</b>
<b>VFTO</b>	<b>Velocity Final Take-Off (Green Dot)</b>
<b>VG</b>	<b>Vertical Gyro</b>
<b>VHF</b>	<b>Very High Frequency</b>
<b>VHV</b>	<b>Very High Voltage</b>
<b>VIB</b>	<b>Vibration</b>
<b>VIB MON</b>	<b>Vibration Monitor</b>
<b>VIGV</b>	<b>Variable Inlet Guide Vanes</b>
<b>VLV</b>	<b>Very Low Frequency</b>
<b>VLV</b>	<b>Valve</b>
<b>VM</b>	<b>Maneuvering Speed</b>
<b>VMC</b>	<b>Visual Meteorological Conditions</b>
<b>VMCG</b>	<b>Minimum Control Speed Ground</b>
<b>VMIN</b>	<b>Minimum Operating Speed</b>
<b>VMO</b>	<b>Maximum Operating Speed</b>
<b>VNAV</b>	<b>Vertical Navigation (Guidance, LORAN)</b>
<b>VNV</b>	<b>Vertical Navigation</b>
<b>VOL</b>	<b>Volume</b>
<b>VOLMET</b>	<b>Meteorological information for aircraft in flight</b>
<b>VOLT</b>	<b>Voltage</b>
<b>VOR</b>	<b>VHF Omni Directional Range Radio</b>
<b>VOR D</b>	<b>VOR-DME</b>
<b>VORTAC</b>	<b>VOR And TACAN Co-Located</b>
<b>VOT</b>	<b>VOR Test Facility</b>
<b>VOX</b>	<b>Voice</b>
<b>VR</b>	<b>Rotation Speed / Voltage Regulator</b>
<b>VREF</b>	<b>Reference Speed</b>
<b>VS,V/S</b>	<b>Vertical Speed</b>
<b>VSI</b>	<b>Vertical Speed Indicator</b>
<b>VSPD</b>	<b>Vertical Speed</b>
<b>VSR</b>	<b>Vertical Speed Required</b>
<b>VSV</b>	<b>Variable Stator Vane</b>
<b>VSCF</b>	<b>Variable Speed - Constant Frequency</b>
<b>VTA</b>	<b>Vertical Track Alert</b>
<b>VTK</b>	<b>Vertical Track</b>
<b>VTO</b>	<b>Volumetric Top Off unit</b>

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

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## **W**

W	White / West / Weight
WAI	Wing Anti Ice
WARN	Warning
WAY PT	Waypoint
WB	Wide Band
WBC	Weight and Balance Computer
W/D	Wiring Diagram
WF	Fuel Flow
WG	Wing
WGD	Windshield Guidance Display
WGT, WT	Weight
WHC	Window Heat Computer
WHL	Wheel
WHL MSTR	Wheel Master
WHLS	Wheels
WOW	Weight-On-Wheels
WPT	Waypoint
WSHLD	Windshield
WT	Weight
WTB	Wing Tip Brake
WTNG	Waiting
WTR	Water
W/W	Wheel Well
WX	Weather
WXP	Weather Radar Precipitation Mode
WXR	Weather Radar
WXT	Weather Radar Turbulence Mode
WY PT	Way Point

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## **X**

X	Cross (combining prefix, e.g. X-feed)
X-BLD	Cross Bleed
X-FEED	Cross feed
XCVR	Transceiver
XFER	Transfer
XFLOWS	Cross Flows
XFR	Transfer

# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

<b>XMISSION</b>	Transmission
<b>XMIT</b>	Transmit
<b>XMTR</b>	Transmitter
<b>XPDR</b>	Transponder
<b>XPECT</b>	Expect
<b>XPNDR</b>	Transponder
<b>XTE</b>	Cross Track Error
<b>XTK</b>	Cross Track / Cross Track Error / Cross Track Distance
<b>XTRK</b>	Cross-track
<b>X/WIND</b>	Crosswind

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## **Y**

<b>Y</b>	Yellow
<b>Y/D</b>	Yaw Damper

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## **Z**

<b>Z</b>	Zulu Time
<b>ZFCG</b>	Zero Fuel Center of Gravity
<b>ZFW</b>	Zero Fuel Weight
<b>ZFWCG</b>	Zero Fuel Weight Center of Gravity

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# **PROJECT**45

## **TECHNICAL AVIATION ACRONYMS**

### **L45 Aircraft (Primarily)**

## **V SPEED TABLE**

Va	Design Maneuvering Speed
Vapp	Normal Approach Speed (With one engine Inoperative)
Vb	Design speed for maximum gust intensity
Vc	Design cruising speed
Vd	Design diving speed
Vdf/Mdf	Demonstrated flight diving speed
Vf	Design flap speed
Vfc/Mfc	Maximum speed for stability characteristics
Vfe	Maximum flaps extended speed
Vh	Maximum speed in level flight with maximum continuous power
Vle	Maximum landing gear extended speed
Vlo	Maximum landing gear operating speed
Vlof	Lift-off speed
Vmax	Maximum speed
Vmbe	Maximum brake energy speed
Vmc	Minimum control speed
Vmca	Minimum control speed airborne
Vmcg	Minimum control speed ground
Vmin	Minimum speed
Vmo Mmo	Maximum operating limit speed
Vmu	Minimum unstick speed
Vne	Never exceed speed
Vno	Maximum structural cruising speed
Vr	Rotation speed
Vref	Reference Speed
Vs	Stalling speed
Vso	Stalling speed in the landing configuration
Vs1	Stalling speed in a specified configuration
Vsr1	Stall Clean
Vsro	Stall In Landing Configuration
Vtd	Touchdown indicated airspeed
Vtoss	Takeoff safety speed for Category A rotocraft
Vx	Speed for best angle of climb
Vy	Speed for best rate of climb
V1	Takeoff decision speed
V2	Takeoff safety speed
V2min	Minimum takeoff safety speed

**NOTE:** This comprehensive list of Technical Aviation Acronyms was compiled to be used for Flight Simulation only. You will also find other useful acronyms associated with computers and CNC machines.

# ***PROJECT*45**

## **TECHNICAL AVIATION ACRONYMS**

**L45 Aircraft (Primarily)**

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