

# Aeronautical English

This document adapted from <http://contrails.free.fr/fcl.php> is a list of English aeronautical terms, grouped among the following chapters:

# Aeronautical English

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## Aeronautical English

### 2. GENERAL TERMS

<a href="#">ATC</a>	<a href="#">Controller</a>
<a href="#">Good day</a>	<a href="#">Good bye</a>
<a href="#">Affirm</a>	<a href="#">Negative</a>
<a href="#">Pass your message</a>	<a href="#">Go ahead</a>
<a href="#">Call sign</a>	<a href="#">Full call sign</a>
<a href="#">Request</a>	<a href="#">Need</a>
<a href="#">Roger</a>	<a href="#">Wilco</a>
<a href="#">Say again</a>	<a href="#">Speak slower</a>
<a href="#">Words twice</a>	<a href="#">Correction</a>
<a href="#">Standby</a>	<a href="#">That is correct</a>
<a href="#">Please</a>	<a href="#">I'd appreciate</a>
<a href="#">Thank you</a>	<a href="#">Appreciate it</a>
<a href="#">Station calling...</a>	<a href="#">All stations</a>
<a href="#">Disregard</a>	<a href="#">Break break</a>
<a href="#">Ready</a>	<a href="#">When ready</a>
<a href="#">When able</a>	<a href="#">At own discretion</a>
<a href="#">Now</a>	<a href="#">Immediately</a>
<a href="#">Beyond</a>	<a href="#">Until</a>
<a href="#">Until advised</a>	<a href="#">Until further notice</a>
<a href="#">Unable to</a>	<a href="#">Due (to)</a>
<a href="#">Accordingly</a>	<a href="#">In case of</a>
<a href="#">Ahead</a>	<a href="#">Behind</a>
<a href="#">Before</a>	<a href="#">After</a>
<a href="#">Above</a>	<a href="#">Below</a>
<a href="#">To approve</a>	<a href="#">To clear</a>
<a href="#">To advise</a>	<a href="#">To inform</a>
<a href="#">To acknowledge</a>	<a href="#">To read back</a>
<a href="#">To confirm</a>	<a href="#">To check</a>
<a href="#">To contact</a>	<a href="#">To continue</a>
<a href="#">To say</a>	<a href="#">To state</a>
<a href="#">To suggest</a>	<a href="#">To agree</a>
<a href="#">To accept</a>	<a href="#">To understand</a>
<a href="#">To expect</a>	<a href="#">To cancel</a>

## Aeronautical English

[To report](#)

[To call back](#)

[To copy](#)

[To estimate](#)

[To delay](#)

[To depart](#)

### **SENTENCES**

- [Say again full call-sign](#)

- [Advise intentions](#)

- [What are your intentions?](#)

- [Intending to cross the coast abeam east of Hastings](#)

## Aeronautical English

### **3. THE AERODROME**

[Aerodrome \(AD\)](#)

[Airfield](#)

[Visual approach chart \(VAC\)](#)

[Open to public air traffic](#)

[Reserved for](#)

[On request \(O/R\)](#)

[Elevation \(ELEV\)](#)

[Take-off distance available](#)

[Accelerate stop distance available](#)

[Stopway \(SWY\)](#)

[Runway \(RWY\)](#)

[Displaced threshold](#)

[Paved runway](#)

[Grass strip](#)

[Concrete](#)

[Dirt](#)

[VASIS](#)

[Lighting](#)

[Flashing light](#)

[Remote controlled lighting](#)

[Marking](#)

[Threshold markings](#)

[Centerline](#)

[Parallel](#)

[Intersecting](#)

[Intersection](#)

[Tower \(TWR\)](#)

[Signal area](#)

[Ramp](#)

[Terminal](#)

[Facilities](#)

[Hangar](#)

[Service road](#)

[Tanker](#)

[Airport](#)

[Field \(FLD\)](#)

[Instrument approach chart \(IAC\)](#)

[Restricted use](#)

[Prior permission required \(PPR\)](#)

[Category](#)

[Aerodrome reference point \(ARP\)](#)

[Take-off run available](#)

[Landing distance available](#)

[Clearway \(CWY\)](#)

[Threshold \(THR\)](#)

[Runway far end](#)

[Unpaved](#)

[Landing strip](#)

[Asphalt](#)

[Gravel](#)

[PAPI](#)

[Runway lights](#)

[Fixed lights](#)

[Pilot activated lighting](#)

[Sign](#)

[Aiming point markings](#)

[Taxiway \(TWY\)](#)

[Adjacent](#)

[Crossing](#)

[Turn off](#)

[Control tower](#)

[Windsock](#)

[Apron](#)

[Building](#)

[Fixed base operator \(FBO\)](#)

[Workshop](#)

[Fuel station](#)

[Fuel truck](#)

## Aeronautical English

[Firefighter](#)

[Intervention vehicle](#)

[Mower](#)

[Work in progress](#)

[Temporary](#)

[Disused](#)

[Obstacle \(OBST\)](#)

[Ditch](#)

[Fence](#)

[Pylon](#)

[Power line](#)

[Fire truck](#)

[Service vehicle](#)

[Sweeper](#)

[Under construction](#)

[Provisional](#)

[Abandoned](#)

[Shoulder](#)

[Trench](#)

[Blast fences](#)

[Water tower](#)

[Terrain](#)

### SENTENCES

[- The airfield is closed](#)

[- Short-term parking is available adjacent to the terminal building](#)

[- Our FBO includes a flight-planning room with computers](#)

[- Any sign that has white letters on red is mandatory](#)

[- The taxiway centreline is a single continuous yellow line](#)

[- Markings for runways are white](#)

[- The first runway lighting appeared in 1930 at Cleveland](#)

## Aeronautical English

### 4. *GROUND OPERATIONS*

<a href="#"><u>Startup</u></a>	<a href="#"><u>Push back</u></a>
<a href="#"><u>Gate</u></a>	<a href="#"><u>Tie down point</u></a>
<a href="#"><u>Light gun signals</u></a>	<a href="#"><u>Green flare</u></a>
<a href="#"><u>Towbar</u></a>	<a href="#"><u>Chock</u></a>
<a href="#"><u>Chocks inserted</u></a>	<a href="#"><u>Chocks removed</u></a>
<a href="#"><u>Ground personnel</u></a>	<a href="#"><u>Marshaller</u></a>
<a href="#"><u>Marshalling signals</u></a>	<a href="#"><u>Manoeuvre</u></a>
<a href="#"><u>Tractor</u></a>	<a href="#"><u>Follow-me car</u></a>
<a href="#"><u>Prop wash</u></a>	<a href="#"><u>Jet blast</u></a>
<a href="#"><u>Parameters</u></a>	<a href="#"><u>Taxi information</u></a>
<a href="#"><u>Taxi</u></a>	<a href="#"><u>Via</u></a>
<a href="#"><u>Preflight</u></a>	<a href="#"><u>Run-up</u></a>
<a href="#"><u>Holding point</u></a>	<a href="#"><u>Holding area</u></a>
<a href="#"><u>Run-up point</u></a>	<a href="#"><u>Location</u></a>
<a href="#"><u>Parking stand</u></a>	<a href="#"><u>Vacant</u></a>
<a href="#"><u>Close to</u></a>	<a href="#"><u>Next to</u></a>
<a href="#"><u>To tow</u></a>	<a href="#"><u>To taxi</u></a>
<a href="#"><u>To follow</u></a>	<a href="#"><u>To bypass</u></a>
<a href="#"><u>To give way</u></a>	<a href="#"><u>To cross</u></a>
<a href="#"><u>To taxi back</u></a>	<a href="#"><u>To hold</u></a>
<a href="#"><u>To hold short of</u></a>	<a href="#"><u>To stop</u></a>
<a href="#"><u>To enter</u></a>	<a href="#"><u>To exit</u></a>
<a href="#"><u>To wait</u></a>	<a href="#"><u>To expedite</u></a>
<a href="#"><u>To speed up</u></a>	<a href="#"><u>To slow down</u></a>
<a href="#"><u>To mind</u></a>	<a href="#"><u>To pay attention</u></a>
<a href="#"><u>To look out</u></a>	<a href="#"><u>To exercise caution</u></a>
<a href="#"><u>To activate</u></a>	<a href="#"><u>To close down</u></a>

### SENTENCES

- [Departures are on hold due to thunderstorms](#)
- [Our departure will be delayed by 30 minutes](#)
- [Request progressive taxi instructions](#)
- [Taxi straight ahead](#)

## Aeronautical English

- Taxi with caution

- Taxi slower

- Bypass the white and blue Mooney

- Give way to the Airbus A 320

- Make one eighty and taxi to holding point 05 via Bravo



## Aeronautical English

### 5. *CIRCUITS*

[Line up and wait](#)

[When airborne](#)

[Takeoff \(TKOF\)](#)

[Wind calm](#)

[Cross wind](#)

[Initial climb](#)

[Crosswind leg](#)

[Base leg](#)

[Approach](#)

[Turning final](#)

[Long final](#)

[Glidepath](#)

[Flare](#)

[Touch down](#)

[Speed controlled](#)

[Low approach](#)

[Touch and go](#)

[Full stop landing](#)

[Missed approach](#)

[Going around](#)

[Flight instructor](#)

[Check ride](#)

[Practice](#)

[Field in sight](#)

[Join](#)

[Right-hand](#)

[Height](#)

[QNH](#)

[Caution](#)

[To take off](#)

[To go around](#)

[To extend](#)

[To flare](#)

[Position and hold \(US\)](#)

[After departure](#)

[Landing \(LDG\)](#)

[Head wind](#)

[Tail wind](#)

[Climb out](#)

[Downwind](#)

[Number 2](#)

[Straight-in approach](#)

[On final](#)

[Short final](#)

[Aiming point](#)

[Hold off](#)

[Roll out](#)

[Runway vacated](#)

[Stop and go](#)

[Option](#)

[Low pass](#)

[Go around](#)

[Overhead](#)

[Student](#)

[Training](#)

[Practice forced landing](#)

[Runway in sight](#)

[Circuit](#)

[Left-hand](#)

[Altitude](#)

[QFE](#)

[Bird hazard](#)

[To land](#)

[To climb out](#)

[To shorten](#)

[To hold off](#)

## Aeronautical English

[To backtrack](#)

[To perform](#)

[To continue](#)

[To sidestep](#)

[To solo](#)

[To expedite](#)

[To execute](#)

[To abort](#)

[To hold over...](#)

### **SENTENCES**

- [Cleared for takeoff](#)

- [Cleared to land](#)

- [Request power-off approach](#)

- [Make long approach](#)

- [Make short approach](#)

- [Climb runway heading](#)

- [Caution wake turbulence](#)

- [Numerous flocks of birds](#)

## Aeronautical English

### 6. EN ROUTE

[Climb](#)

[Level](#)

[Levelled](#)

[Higher level](#)

[Present position](#)

[Inbound](#)

[ETA](#)

[Duration](#)

[Track](#)

[Routing](#)

[Position report](#)

[Traffic ahead](#)

[Behind](#)

[Parallel track](#)

[Diverging](#)

[Same direction](#)

[Southbound](#)

[Fast moving](#)

[Same level](#)

[Not identified](#)

[Traffic in sight](#)

[Traffic not in sight](#)

[Traffic no longer a factor](#)

[Radar identified](#)

[Border](#)

[FIR boundary](#)

[Upper](#)

[Inside](#)

[Controlled airspace](#)

[Restricted zone](#)

[Danger zone](#)

[Zone status](#)

[Active](#)

[Local flight](#)

[Descent](#)

[Flight level](#)

[Level change](#)

[Lower level](#)

[Destination](#)

[Outbound](#)

[Estimated time of arrival](#)

[Endurance](#)

[Transit](#)

[Route amendment](#)

[Traffic information](#)

[Traffic preceding](#)

[Following](#)

[Closing](#)

[Opposite direction](#)

[Overtaking](#)

[Heavy Airbus](#)

[Slow moving](#)

[Through your level](#)

[Unreported](#)

[Avoiding action](#)

[Negative contact](#)

[Clear of traffic](#)

[Holding pattern](#)

[Boundary](#)

[Approaching Mid-Channel](#)

[Lower](#)

[Outside](#)

[Uncontrolled airspace](#)

[Prohibited zone](#)

[Control zone](#)

[Activity](#)

[Special VFR](#)

[Cross-country flight](#)

## Aeronautical English

Maiden flight

Test flight

Ferry flight

Flight test

To climb

To descend

To pass

To cross

To reach

To leave

To maintain

To stay

To be level

To establish

To approach

To avoid

To ferry

### SENTENCES

- Say altitude

- Do you want a higher level ?

- Say heading

- Fly heading 340

- Continue present heading

- Do you still have the airfield in sight ?

- Remain outside controlled airspace

- Make a 360 left

- Orbit right

- Maintain own separation

- Avoiding action, turn left immediately heading 230 degrees

- Traffic in sight, crossing left to right

- Resume own navigation

- A military airspace has just been activated and extends my route...

- I'll recompute my endurance...

- If not the case I'll divert...

## Aeronautical English

### **7. THE AIRPLANE**

<a href="#">Piper</a>	<a href="#">Cessna</a>
<a href="#">Dyn'Aero</a>	<a href="#">MCR 4S</a>
<a href="#">Mooney</a>	<a href="#">Beechcraft</a>
<a href="#">Cirrus</a>	<a href="#">Diamond</a>
<a href="#">Robin</a>	<a href="#">Jodel</a>
<a href="#">Aircraft (ACFT)</a>	<a href="#">Airframe</a>
<a href="#">Pusher</a>	<a href="#">Floatplane</a>
<a href="#">Single engine</a>	<a href="#">Twin engine</a>
<a href="#">Fuselage</a>	<a href="#">Fairing</a>
<a href="#">Nose</a>	<a href="#">Tail unit</a>
<a href="#">Wing</a>	<a href="#">Aileron</a>
<a href="#">Wing root</a>	<a href="#">Wing tip</a>
<a href="#">Dihedral</a>	<a href="#">Washout</a>
<a href="#">Spar</a>	<a href="#">Rib</a>
<a href="#">Wing span</a>	<a href="#">Chord</a>
<a href="#">Leading edge</a>	<a href="#">Trailing edge</a>
<a href="#">Flaps</a>	<a href="#">Slats</a>
<a href="#">Horizontal stabilizer</a>	<a href="#">Elevator</a>
<a href="#">Fin</a>	<a href="#">Rudder</a>
<a href="#">Skin</a>	<a href="#">Fabric</a>
<a href="#">Composite</a>	<a href="#">Carbon fiber</a>
<a href="#">Landing gear</a>	<a href="#">Main landing gear</a>
<a href="#">Wheel</a>	<a href="#">Rim</a>
<a href="#">Tire</a>	<a href="#">Inner tube</a>
<a href="#">Main wheel</a>	<a href="#">Nose wheel</a>
<a href="#">Tail dragger</a>	<a href="#">Tailwheel</a>
<a href="#">Shock absorber</a>	<a href="#">Bungee</a>
<a href="#">Gear strut</a>	<a href="#">Wheel spat</a>
<a href="#">Gear door</a>	<a href="#">Wheel well</a>
<a href="#">Wheels down</a>	<a href="#">Wheels up</a>
<a href="#">Automatic</a>	<a href="#">Electric</a>
<a href="#">Hydraulic</a>	<a href="#">Pneumatic</a>
<a href="#">Mechanism</a>	<a href="#">Actuator</a>
<a href="#">Pulley</a>	<a href="#">Fairlead</a>

## Aeronautical English

<a href="#">Bellcrank</a>	<a href="#">Turnbuckle</a>
<a href="#">Pushrod</a>	<a href="#">Rod end</a>
<a href="#">Clevis</a>	<a href="#">Fork</a>
<a href="#">Right</a>	<a href="#">Left</a>
<a href="#">Starboard</a>	<a href="#">Port</a>
<a href="#">Inner</a>	<a href="#">Outer</a>
<a href="#">Inboard</a>	<a href="#">Outboard</a>
<a href="#">Pitch</a>	<a href="#">Roll</a>
<a href="#">Yaw</a>	<a href="#">Stability</a>
<a href="#">Lift</a>	<a href="#">Drag</a>
<a href="#">Flight envelope</a>	<a href="#">Lift-drag ratio</a>
<a href="#">Payload</a>	<a href="#">Wing loading</a>
<a href="#">Weight</a>	<a href="#">Weight and balance</a>
<a href="#">Centre of gravity (CG)</a>	<a href="#">Arm</a>
<a href="#">Maximum takeoff weight (MTOW)</a>	<a href="#">Zero fuel weight (ZFW)</a>
<a href="#">To extend</a>	<a href="#">To retract</a>
<a href="#">To lower</a>	<a href="#">To raise</a>
<a href="#">To cycle</a>	<a href="#">To inflate</a>

### SENTENCES

- [Three greens](#)

- [Gear down and locked](#)

- [The angle of attack is the angle between the wing chord line and the direction of the relative wind](#)

## Aeronautical English

### 8. THE CABIN

[Cockpit](#)

[Windshield](#)

[Canopy](#)

[Controls](#)

[Control column](#)

[Throttle](#)

[Lever](#)

[Instrument panel](#)

[Airspeed indicator \(ASI\)](#)

[Altimeter setting](#)

[Artificial horizon](#)

[Compass](#)

[Turn coordinator](#)

[Slip ball](#)

[RPM](#)

[Thermometer](#)

[Switch](#)

[Toggle switch](#)

[Panel lighting](#)

[Strobe light](#)

[Navigation lights](#)

[Bus bar](#)

[Voltmeter](#)

[Voltage](#)

[Breaker](#)

[Tripped](#)

[Gauge \(gage\)](#)

[Manifold pressure \(MP\)](#)

[Full](#)

[Oil pressure indicator](#)

[Warning](#)

[Low level light](#)

[Stall warning horn](#)

[Flight deck](#)

[Side window](#)

[Latch](#)

[Control stick](#)

[Rudder pedals](#)

[Vernier](#)

[Friction](#)

[Glareshield](#)

[Altimeter](#)

[Kollsman window](#)

[Vertical speed indicator \(VSI\)](#)

[Directional gyro](#)

[Turn and bank](#)

[Tachometer](#)

[Green arc](#)

[Temperature](#)

[Keyswitch](#)

[Rocker switch](#)

[Dimmer](#)

[Rotating beacon](#)

[Landing light](#)

[Essential bus](#)

[Ammeter](#)

[Current](#)

[Fuse](#)

[Blown](#)

[Vacuum gauge](#)

[Fuel gauge](#)

[Empty](#)

[Alarm](#)

[Warning light](#)

[Stall warner](#)

## Aeronautical English

To power on

To power off

To sound

To go blank

To illuminate

To dim

### SENTENCES

- Make sure the passengers are strapped in

- Check controls for freedom of movement

- Adjust friction lock



## Aeronautical English

### 9. RADIO

[VHF](#)

[Frequency](#)

[Airband](#)

[Within range](#)

[Headset](#)

[Microphone](#)

[PTT](#)

[Display](#)

[Antenna](#)

[Transceiver](#)

[Receiver](#)

[Radio check](#)

[Readable](#)

[Loud](#)

[Noise](#)

[Interference](#)

[Now and then](#)

[Distorted](#)

[Beacon](#)

[DME](#)

[QDM](#)

[Transponder](#)

[Squawk](#)

[Mode C \(Charlie\)](#)

[Distress beacon](#)

[EFIS](#)

[To call](#)

[To answer](#)

[To leave \(frequency\)](#)

[To switch on](#)

[To transmit](#)

[Radar](#)

[Wavelength](#)

[Range](#)

[Out of range](#)

[Earphone](#)

[Mike](#)

[Stuck mike](#)

[Knob](#)

[Connector](#)

[Transmitter](#)

[Reception](#)

[Readability](#)

[Unreadable](#)

[Weak](#)

[Background](#)

[Static](#)

[Broken](#)

[Garbled](#)

[VOR](#)

[ILS](#)

[Bearing](#)

[Negative transponder](#)

[Squawkident](#)

[Mode S](#)

[Personal locator beacon \(PLB\)](#)

[Brownout](#)

[To contact](#)

[To monitor](#)

[To change to](#)

[To switch off](#)

[To squawk](#)

### SENTENCES

## Aeronautical English

- Remain this frequency
- Stay with me
- Stand by, I'll call you back
- Disregard last transmission
- How do you read ?
- Was that for us ?
- Reading you five
- Receiving carrier only
- Transmitting blind
- Click your mike twice
- Acknowledge by ident
- Ident observed
- Squawk observed, I'll continue to pass instructions
- It's not a bug, it's a feature

## Aeronautical English

### **10. THE ENGINE**

[Lycoming](#)

[Rotax](#)

[Thielert](#)

[Cowling](#)

[Hinge](#)

[Firewall](#)

[Blade](#)

[Hub](#)

[Fine pitch](#)

[Variable pitch](#)

[Prop governor](#)

[Exhaust](#)

[Manifold](#)

[Fuel control unit](#)

[Flow divider](#)

[Turbocharged](#)

[Hose](#)

[Duct](#)

[Vent](#)

[Oil inspection door](#)

[Oil filler neck](#)

[Funnel](#)

[Grease](#)

[Avgas](#)

[Octane index](#)

[Fuel system](#)

[Fuel filter](#)

[Mixture](#)

[Exhaust gas temperature \(EGT\)](#)

[Rich of peak](#)

[Ignition](#)

[Magneto](#)

[Engine check](#)

[4-stroke](#)

[Continental](#)

[Pratt & Whitney](#)

[Jabiru](#)

[Engine mount](#)

[Latch](#)

[Propeller](#)

[Spinner](#)

[Pitch](#)

[Coarse pitch](#)

[Constant speed](#)

[Feathering](#)

[Muffler](#)

[Carburetor](#)

[Regulator unit](#)

[Fuel nozzle](#)

[Normally aspirated](#)

[Clamp](#)

[Check valve](#)

[Breather](#)

[Oil filler cap](#)

[Dipstick](#)

[Rag](#)

[Lubricant](#)

[Autogas](#)

[Diesel](#)

[Fuel line](#)

[Fuel pump](#)

[Mixture setting](#)

[Peak](#)

[Lean of peak](#)

[Spark plug](#)

[Ignition lead](#)

[Ignition check](#)

[2-stroke](#)

## Aeronautical English

<a href="#">Aircooled</a>	<a href="#">Liquid cooled</a>
<a href="#">Radiator</a>	<a href="#">Coolant</a>
<a href="#">Gasket</a>	<a href="#">Seal</a>
<a href="#">Lip seal</a>	<a href="#">O-ring</a>
<a href="#">Cylinder</a>	<a href="#">Cylinder head</a>
<a href="#">Piston</a>	<a href="#">Piston ring</a>
<a href="#">Camshaft</a>	<a href="#">Valve</a>
<a href="#">Rocker</a>	<a href="#">Pushrod</a>
<a href="#">Rocker cover</a>	<a href="#">Pushrod tube</a>
<a href="#">Crankcase</a>	<a href="#">Crankshaft</a>
<a href="#">Bearing</a>	<a href="#">Bushing</a>
<a href="#">Plain bearing</a>	<a href="#">Ball bearing</a>
<a href="#">Roller bearing</a>	<a href="#">Needle bearing</a>
<a href="#">Preflight check</a>	<a href="#">Workshop</a>
<a href="#">Corrective measure</a>	<a href="#">Return to Service</a>
<a href="#">Service Bulletin (SB)</a>	<a href="#">Airworthiness Directive (AD)</a>
<a href="#">Mechanic</a>	<a href="#">Technician</a>
<a href="#">A &amp; P</a>	<a href="#">Inspector</a>
<a href="#">Step</a>	<a href="#">Jack</a>
<a href="#">Tool</a>	<a href="#">Pliers</a>
<a href="#">Power drill</a>	<a href="#">Drill bit</a>
<a href="#">Hammer</a>	<a href="#">File</a>
<a href="#">Wrench</a>	<a href="#">Screwdriver</a>
<a href="#">Screw</a>	<a href="#">Nut</a>
<a href="#">Bolt</a>	<a href="#">Washer</a>
<a href="#">Rivet</a>	<a href="#">Fastener</a>
<a href="#">Lock washer</a>	<a href="#">Safety wire</a>
<a href="#">Cotter pin</a>	<a href="#">Castellated nut</a>
<a href="#">Sleeve</a>	<a href="#">Spacer</a>
<a href="#">Groove</a>	<a href="#">Housing</a>
<a href="#">Key</a>	<a href="#">Spline</a>
<a href="#">Steel</a>	<a href="#">Aluminum</a>
<a href="#">Copper</a>	<a href="#">Bronze</a>
<a href="#">Plastic</a>	<a href="#">Perspex®</a>
<a href="#">Battery</a>	<a href="#">Depleted</a>
<a href="#">Generator</a>	<a href="#">Alternator</a>

## Aeronautical English

Wire

Connector

Bundle

Harness

To preflight

To refuel

To start

To stop

To warm up

To cool down

To idle

To over rev

To break in

To adjust

To drain

To change oil

To repair

To overhaul

To jumpstart

To crank

To charge

To feather

To lean

To enrich

To peak

### SENTENCES

- Fuel gauge is reading low

- Switching to the right tank

- Now have 45 minutes endurance

- We need to refuel

- Request fuel supply

- Please send the tanker to stand A 2

- Ground aircraft properly before refueling

- The battery needs recharging

- Cycle prop three times

- Adjust cowl flaps as required

- Sudden cooling can damage the engine

- A prop strike requires an engine disassembly

- Sudden stoppage from idle may be more damaging

- Clear prop!

- Add power

- Advance throttle

- Retard throttle

- Reduce power gradually

- Chop power

## Aeronautical English

### **11. WEATHER**

[Sunrise \(SR\)](#)

[Daylight](#)

[Dawn](#)

[Twilight](#)

[Before dark](#)

[Met office](#)

[Report](#)

[VMC](#)

[Forecast \(FCST\)](#)

[Becoming \(BCMG\)](#)

[Probability \(PROB\)](#)

[System](#)

[Atmosphere](#)

[Sea level](#)

[Humidity](#)

[Visibility \(VIS\)](#)

[Ceiling and visibility OK \(CAVOK\)](#)

[Clear \(CLR\)](#)

[Layer \(LYR\)](#)

[Scattered \(SCT\)](#)

[Overcast \(OVC\)](#)

[Mist \(BR\)](#)

[Haze \(HZ\)](#)

[Rain \(RA\)](#)

[Drizzle \(DZ\)](#)

[Hail](#)

[Dense](#)

[Moderate](#)

[Icing](#)

[Wind](#)

[Northerly](#)

[Southerly](#)

[Calm](#)

[Gust](#)

[Sunset \(SS\)](#)

[Nightfall](#)

[Dusk](#)

[Aeronautical night](#)

[After dark](#)

[Present weather](#)

[Latest report](#)

[IMC](#)

[Situation](#)

[Temporarily \(TEMPO\)](#)

[Trend](#)

[Depression](#)

[Pressure](#)

[Temperature](#)

[Dew point](#)

[Ceiling](#)

[No significant cloud \(NSC\)](#)

[On top](#)

[Few \(FEW\)](#)

[Broken \(BKN\)](#)

[Patches \(BC\)](#)

[Fog \(FG\)](#)

[Dust \(DU\)](#)

[Shower \(SH\)](#)

[Sleet](#)

[Snow \(SN\)](#)

[Heavy \(HVY\)](#)

[Severe \(SEV\)](#)

[Frost](#)

[Surface wind](#)

[Easterly](#)

[Westerly](#)

[Gusting up to](#)

[Windshear \(WS\)](#)

## Aeronautical English

<a href="#"><u>Turbulence (TURB)</u></a>	<a href="#"><u>Air pocket</u></a>
<a href="#"><u>Updraft</u></a>	<a href="#"><u>Downdraft</u></a>
<a href="#"><u>Vortex (vortices)</u></a>	<a href="#"><u>Plume</u></a>
<a href="#"><u>Bumpy</u></a>	<a href="#"><u>Rough</u></a>
<a href="#"><u>Squall</u></a>	<a href="#"><u>Storm</u></a>
<a href="#"><u>CB</u></a>	<a href="#"><u>Thunderstorm (TS)</u></a>
<a href="#"><u>Storm cell</u></a>	<a href="#"><u>Lightning</u></a>
<a href="#"><u>Thunder</u></a>	<a href="#"><u>Lightning strike</u></a>
<a href="#"><u>Embedded (EMBD)</u></a>	<a href="#"><u>Obscured (OBSC)</u></a>
<a href="#"><u>Dry</u></a>	<a href="#"><u>Wet</u></a>
<a href="#"><u>Damp</u></a>	<a href="#"><u>Flooded</u></a>
<a href="#"><u>Contaminated</u></a>	<a href="#"><u>Patch of ice</u></a>
<a href="#"><u>Blizzard</u></a>	<a href="#"><u>Snowfall</u></a>
<a href="#"><u>Fresh snow</u></a>	<a href="#"><u>Frozen snow</u></a>
<a href="#"><u>Snowdrift</u></a>	<a href="#"><u>Ruts</u></a>
<a href="#"><u>Compacted snow</u></a>	<a href="#"><u>Slush</u></a>
<a href="#"><u>Melting</u></a>	<a href="#"><u>Puddle</u></a>
<a href="#"><u>Snow removal</u></a>	<a href="#"><u>Snowplow</u></a>
<a href="#"><u>Spring</u></a>	<a href="#"><u>Summer</u></a>
<a href="#"><u>Fall</u></a>	<a href="#"><u>Autumn</u></a>
<a href="#"><u>Winter</u></a>	
<a href="#"><u>To improve</u></a>	<a href="#"><u>To deteriorate</u></a>
<a href="#"><u>To clear up</u></a>	<a href="#"><u>To worsen</u></a>
<a href="#"><u>To veer</u></a>	<a href="#"><u>To back</u></a>
<a href="#"><u>To be tossed</u></a>	<a href="#"><u>To have a rough ride</u></a>
<a href="#"><u>To ice up</u></a>	<a href="#"><u>To pick up ice</u></a>

### SENTENCES

- [I couldn't get the ATIS](#)
- [TAF issue and validity times have changed](#)
- [Each change group in a TAF will now have a date](#)
- [The new format affects all TAFs](#)
- [I'm not familiar with the new 30-hour code](#)
- [Snow removal is underway](#)

## Aeronautical English

- Caution snowplow on taxiway
- Rime ice has a rough, milky white appearance
- Glaze ice is sometimes clear and smooth
- I noticed frost on the empennage
- Picking up ice, request lower level
- Those clouds look ominous
- There's a bit of a build up ahead
- Visibility is deteriorating
- The night is falling
- It's getting dark
- I need to divert to a lighted airfield
- It's a bit bumpy here, request higher level
- We are encountering strong headwinds



## Aeronautical English

### **12. FORMALITIES**

<a href="#">Pilot</a>	<a href="#">Copilot</a>
<a href="#">Crew</a>	<a href="#">Passenger (PAX)</a>
<a href="#">Ma'am</a>	<a href="#">Sir</a>
<a href="#">Pilot's licence</a>	<a href="#">Rating</a>
<a href="#">Pilot's logbook</a>	<a href="#">Aircraft logbook</a>
<a href="#">Certificate of Airworthiness</a>	<a href="#">Certificate of Registration</a>
<a href="#">Language proficiency</a>	<a href="#">FCL.055</a>
<a href="#">ID</a>	<a href="#">Passport</a>
<a href="#">Valid</a>	<a href="#">Expired</a>
<a href="#">Document</a>	<a href="#">Paperwork</a>
<a href="#">Form</a>	<a href="#">Flight plan</a>
<a href="#">Customs</a>	<a href="#">Customs officer</a>
<a href="#">Immigration services</a>	<a href="#">Compulsory, mandatory</a>
<a href="#">Security check</a>	<a href="#">Security officer</a>
<a href="#">X-ray machine</a>	<a href="#">Metal detector</a>
<a href="#">Free</a>	<a href="#">No charge</a>
<a href="#">Handling</a>	<a href="#">Handling charges</a>
<a href="#">Landing fees</a>	<a href="#">Customs duties</a>
<a href="#">Receipt</a>	<a href="#">Invoice</a>
<a href="#">Credit card</a>	<a href="#">Cash only</a>
<a href="#">Control office</a>	<a href="#">Information desk</a>
<a href="#">Arbitrary</a>	<a href="#">Civil Aviation Authorities (CAA)</a>
<a href="#">International Civil Aviation Organization (ICAO)</a>	
<a href="#">To comply (with)</a>	<a href="#">To go through (formalities)</a>
<a href="#">To file a flight plan</a>	<a href="#">To fill in (a form)</a>
<a href="#">To pay</a>	<a href="#">To show</a>
<a href="#">To Xerox</a>	<a href="#">To write down</a>
<a href="#">To require</a>	<a href="#">To ask</a>
<a href="#">To charge</a>	

### **SENTENCES**

- [I'd like to file a flight plan](#)
- [Please fill in this form](#)

## Aeronautical English

- You need a visa to train in a flying school
- May I help you with the paperwork?
- Thank you Ma'am
- Are your Pilot's licence and medical certificate current please?
- Your passport and immigration form, please
- Can I see your ID, please ?
- This certificate is not valid
- This document is expired
- Please show a valid photo ID
- How long will you be staying ?
- Please read this form carefully before signing
- Sorry, we don't take cash or checks, only credit cards
- What is your billing address ?
- Does anyone here speak French ?

## Aeronautical English

### **13. INCIDENTS**

[Human factor](#)

[Airmanship](#)

[Emergency](#)

[Pan Pan](#)

[Silence Mayday](#)

[Infringement](#)

[Diversion](#)

[Assistance](#)

[Safety margin](#)

[Situational awareness](#)

[Distraction](#)

[Unexpected](#)

[Inadvertent](#)

[Abnormal](#)

[Malfunction](#)

[Inoperative \(INOP\)](#)

[Failure](#)

[Breakdown](#)

[Major breakdown](#)

[Fuel remaining](#)

[Short petrol](#)

[Misfire](#)

[Flat](#)

[Burst](#)

[Stuck](#)

[Short circuit](#)

[Fault](#)

[Overvoltage](#)

[Lightning](#)

[Smoke](#)

[Smell](#)

[Seep](#)

[Spillage](#)

[Noise](#)

[Get Home-itis](#)

[Flying skills](#)

[Distress](#)

[Mayday](#)

[Silence fini](#)

[Interception](#)

[Help](#)

[Trouble](#)

[Fudge factor](#)

[Disorientation](#)

[Confusion](#)

[Unintentional](#)

[Uncommanded](#)

[Alarming](#)

[Unserviceable](#)

[Damage](#)

[Suspected](#)

[Breakdown service](#)

[Minor breakdown](#)

[Minimum fuel](#)

[Critically low on fuel](#)

[Fouled plug](#)

[Puncture](#)

[Blown out](#)

[Loss](#)

[Sparks](#)

[Thermal runaway](#)

[Overheat](#)

[Lightning strike](#)

[Fumes](#)

[Smell of burning](#)

[Leak](#)

[Vibration](#)

[Crack](#)

## Aeronautical English

<a href="#"><u>Cracked windshield</u></a>	<a href="#"><u>Shattered windshield</u></a>
<a href="#"><u>Birdstrike</u></a>	<a href="#"><u>Propstrike</u></a>
<a href="#"><u>Tailstrike</u></a>	<a href="#"><u>Near-miss</u></a>
<a href="#"><u>Collision</u></a>	<a href="#"><u>Mid air</u></a>
<a href="#"><u>Controlled flight into terrain (CFIT)</u></a>	<a href="#"><u>Foreign object damage (FOD)</u></a>
<a href="#"><u>Unusual attitude</u></a>	<a href="#"><u>Stall</u></a>
<a href="#"><u>Spin</u></a>	<a href="#"><u>Spiral dive</u></a>
<a href="#"><u>Recovery</u></a>	<a href="#"><u>Load factor</u></a>
<a href="#"><u>Rejected take off</u></a>	<a href="#"><u>Runway excursion</u></a>
<a href="#"><u>Precautionary landing</u></a>	<a href="#"><u>Hard landing</u></a>
<a href="#"><u>Forced landing</u></a>	<a href="#"><u>Ditching</u></a>
<a href="#"><u>Glide</u></a>	<a href="#"><u>Glide ratio</u></a>
<a href="#"><u>Life jacket</u></a>	<a href="#"><u>Life raft</u></a>
<a href="#"><u>Overdue</u></a>	<a href="#"><u>Search and rescue (SAR)</u></a>
<a href="#"><u>Rescue team</u></a>	<a href="#"><u>Crash</u></a>
<a href="#"><u>Totaled</u></a>	<a href="#"><u>Write-off</u></a>
<a href="#"><u>Debris</u></a>	<a href="#"><u>Wreckage</u></a>
<a href="#"><u>Injury</u></a>	<a href="#"><u>Loss of consciousness (LOC)</u></a>
<a href="#"><u>Hypoxia</u></a>	<a href="#"><u>Unconscious</u></a>
<a href="#"><u>Person(s) on board (PoB)</u></a>	<a href="#"><u>Ambulance</u></a>
<a href="#"><u>To panic</u></a>	<a href="#"><u>To stay calm</u></a>
<a href="#"><u>To be stuck</u></a>	<a href="#"><u>To be trapped</u></a>
<a href="#"><u>To assist</u></a>	<a href="#"><u>To troubleshoot</u></a>
<a href="#"><u>To run rough</u></a>	<a href="#"><u>To misfire</u></a>
<a href="#"><u>To quit</u></a>	<a href="#"><u>To restart</u></a>
<a href="#"><u>To fail</u></a>	<a href="#"><u>To leak</u></a>
<a href="#"><u>To run out of</u></a>	<a href="#"><u>To be short of</u></a>
<a href="#"><u>To damage</u></a>	<a href="#"><u>To overheat</u></a>
<a href="#"><u>To strike</u></a>	<a href="#"><u>To hit</u></a>
<a href="#"><u>To stick</u></a>	<a href="#"><u>To jam</u></a>
<a href="#"><u>To sever</u></a>	<a href="#"><u>To rip</u></a>
<a href="#"><u>To bounce</u></a>	<a href="#"><u>To lose control</u></a>
<a href="#"><u>To slip</u></a>	<a href="#"><u>To skid</u></a>
<a href="#"><u>To overshoot</u></a>	<a href="#"><u>To sink</u></a>
<a href="#"><u>To stall</u></a>	<a href="#"><u>To spin</u></a>

## Aeronautical English

To regain control

To recover

To force land

To deadstick

To faint

To pass out

To suffer

To bleed

### SENTENCES

- Aviate, Navigate, Communicate

- That was a bit close...

- Airprox report, military aircraft too close...

- That was pretty close

- We're in trouble

- Experiencing navigation difficulties

- Not really sure of my present position

- Need vectors to the nearest airfield

- I'm spatially disoriented

- RPM is fluctuating

- Throttle response is sluggish

- Engine is not giving full power

- Suspected carburetor ice

- Declaring an emergency, engine out !

- Not sure to make it to the airfield

- Attempting forced landing

- Electrical fire behind panel

- Cockpit is filled with fumes

- Forward vision obscured by smoke

- Windshield is covered with oil

- The tow bar broke

- Front wheel rim is damaged

- We heard a thump on takeoff

- Right wheel doesn't appear down

- The airplane veered off the runway

- The front gear has collapsed

- The airplane is a write-off

- Breakdown team is removing debris on runway

- Passenger is not well

## Aeronautical English

- [Suspected heart attack](#)
- [Request medical assistance on arrival](#)
- [Advise POB](#)
- [Say souls on board](#)