

01 Before Initial Contact

.cw .msg \$aircraft Hello. You will enter my airspace shortly. Please contact me on \$freq when
 .cp .msg \$aircraft Hello. You will enter my airspace shortly. Please contact me on \$freq when passing \$uc(\$1).
 .cpl .msg \$aircraft Hello. You will enter my airspace shortly. Please contact me on \$freq when passing \$uc(\$1) at FL \$2.
 .ct .msg \$aircraft Hello. You will enter my airspace shortly. Please contact me on \$freq at time \$1 UTC.
 .cwr .msg \$aircraft Hello. \$radioname is providing top-down service for \$dep. Please contact me on \$freq when you are ready.
 .ci .msg \$aircraft NO MOVEMENT without permission, please! \$radioname is providing top-down service for \$dep. HOLD POSITION and contact me IMMEDIATELY on \$freq!

02 Initial Contact

.h \$radioname, hello.	.id Identified.
.gd \$radioname, good day.	.ids Standby for identification.
.gm \$radioname, good morning.	.v? Are you able to receive voice?
.ga \$radioname, good afternoon.	.pym Pass your message.
.ge \$radioname, good evening.	

03 Handoff

.co Contact \$radioname(\$1) \$freq(\$1), good bye.
 .autocontact Contact \$1 \$2, good bye.
 .rst Radar service terminated.
 .noatc You are leaving my airspace, no further ATC service available, radar service terminated. Frequency change is approved, enjoy your flight, good bye.
 .noatcb \$radioname is closing, no further ATC service available, radar service terminated. Make blind transmissions on UNICOM 122.800 and have a good flight, good bye.
 .noatcc \$radioname is closing, for further ATC service contact \$radioname(\$1) \$freq(\$1), good bye.
 .noatco You are outside of my airspace, continue own discretion and make blind transmissions on UNICOM 122.800, good bye.
 .blt Please use UNICOM 122.800 for blind transmissions. Thank you.

04 Transponder

.sq Set squawk \$squawk.	.sqc Set squawk CHARLIE.
.sqs Set squawk STANDBY.	.sqi Squawk IDENT.

05-1 PDC Clearance (Pre-Departure Clearance)

.pdc .msg \$aircraft \$dep PRE-DEPARTURE CLEARANCE ... \$aircraft CLRD TO \$arr OFF \$deprwy VIA \$sid ... SQUAWK \$squawk ... ADT \$ftime(20) ... NO CTOT ... ATIS \$atiscode ... SID ALTITUDE IS \$temp. REPORT READY FOR PUSH \$com // END OF ACARS MESSAGE NO READ-BACK REQUIRED \\

.pdc2 .msg \$aircraft \$dep PRE-DEPARTURE CLEARANCE ... \$aircraft CLRD TO \$arr OFF \$deprwy VIA \$sid ... SQUAWK \$squawk ... ADT \$ftime(20) ... NO CTOT ... ATIS \$atiscode ... SID ALTITUDE IS \$temp. REPORT READY FOR PUSH \$1 // END OF ACARS MESSAGE NO READ-BACK REQUIRED \\

.pdcie .msg \$aircraft OIIE PRE-DEPARTURE CLEARANCE ... \$aircraft CLRD TO \$arr OFF \$deprwy VIA \$sid ... SQUAWK \$squawk ... ADT \$ftime(20) ... NO CTOT ... ATIS \$atiscode ... SID ALTITUDE IS \$temp. WHEN READY FOR PUSH, MONITOR \$com // END OF ACARS MESSAGE NO READ-BACK REQUIRED \\

.pdcie2 .msg \$aircraft OIIE PRE-DEPARTURE CLEARANCE ... \$aircraft CLRD TO \$arr OFF \$deprwy VIA \$sid ... SQUAWK \$squawk ... ADT \$ftime(20) ... NO CTOT ... ATIS \$atiscode ... SID ALTITUDE IS \$temp. WHEN READY FOR PUSH, MONITOR \$1 // END OF ACARS MESSAGE NO READ-BACK REQUIRED \\

.pdco .msg \$aircraft \$dep PRE-DEPARTURE CLEARANCE ... \$aircraft CLRD TO \$arr OFF \$deprwy VIA RUNWAY HEADING ... SQUAWK \$squawk ... ADT \$ftime(20) ... NO CTOT ... ATIS \$atiscode ... SID ALTITUDE IS \$temp. REPORT READY FOR PUSH \$com // END OF ACARS MESSAGE NO READ-BACK REQUIRED \\

05-2 Radio Clearance (Normal Clearance)

.rrc Clearance available, report ready to copy.
.ico Information \$atiscode correct.
.icu Information \$atiscode current.
.cl Cleared to \$arr via \$sid departure, runway \$deprwy, squawk \$squawk.
.cla Cleared to \$arr via \$sid departure, runway \$deprwy, climb to \$1 ft, squawk \$squawk.
.cll Cleared to \$arr via \$sid departure, runway \$deprwy, climb to FL \$1, squawk \$squawk.
.comni Cleared to \$arr via OMNI directional departure runway \$deprwy,. After departure climb to \$1 ft and maintain runway heading, squawk \$squawk.
.sid? Are you able to fly the \$sid departure?

06 Startup / Pushback

.rb Readback correct.	.pne Pushback approved, facing north-east.
.rrs Report ready for startup / pushback.	.pe Pushback approved, facing east.
.rrp Report ready for pushback.	.pse Pushback approved, facing south-east.
.sa Startup approved.	.ps Pushback approved, facing south.
.spa Startup and pushback approved.	.psw Pushback approved, facing south-west.
.pa Pushback approved.	.pw Pushback approved, facing west.
.pf Pushback approved, facing \$1.	.pnw Pushback approved, facing north-west.
.pn Pushback approved, facing north.	

07 Taxi

.rrt Report ready for taxi.	.ths Taxi via \$1, hold short of runway \$2.
.rft Are you ready for taxi?	.hs Hold short of runway \$1.
.tv Taxi via \$1.	.xr Cross runway \$2.
.thp Taxi to holding point runway \$deprwy via \$1.	.xrt Taxiway \$uc(\$1), cross runway \$2.
.tts Taxi to stand \$1 via \$2.	.hp HOLD POSITION.
.ttg Taxi to gate \$1 via \$2.	.gw Give way to \$1.
.ttc Taxi to a parking position of your choice.	.wcc When clear of \$1 continue taxi.
.hst Hold short of taxiway \$1.	

08 Lineup / Departure

.lu Line up runway \$deprwy and wait.	.afid Are you able for departure from intersection \$1?
.lubl Behind landing \$1, line up runway \$deprwy and wait behind.	.cto Wind \$winds(\$dep), runway \$deprwy, cleared for take-off.
.lubd Behind departing \$1, line up runway \$deprwy and wait behind.	.ctoi Wind \$winds(\$dep), runway \$deprwy, intersection \$1, cleared for take-off.
.bt Line up and backtrack runway \$deprwy.	.cito Wind \$winds(\$dep), runway \$deprwy, cleared for immediate take-off.
.rrd Report ready for departure.	.toc Hold position, CANCEL take-off, I say again, CANCEL take-off.
.rfd Are you ready for departure?	.stop STOP immediately, \$aircraft, STOP immediately.
.rfid Are you ready for immediate departure?	

09 Lateral Navigation

<ul style="list-style-type: none">.tl Turn left heading \$1..tr Turn right heading \$1..tld Turn left direct \$1..trd Turn right direct \$1..fh Fly heading \$1..lh Leave \$1 heading \$2.rh Report heading..tlb Turn left by \$1 degrees..trb Turn right by \$1 degrees..rnh Report new heading.	<ul style="list-style-type: none">.pd Proceed direct \$1..autoproceed Proceed direct \$1..cot Clear of traffic..rcw Report clear of weather..ron Resume own navigation direct \$uc(\$1), magnetic track \$bear(\$1) distance \$dist(\$1.cph Continue present heading..cphr Continue present heading and report..os Proceed offset \$1 nm \$2 of \$3..oc Cancel offset.
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10 Vertical Navigation

<ul style="list-style-type: none">.c Climb to FL \$1..autoclimblevel Climb to FL \$1..ca Climb to \$1 ft..caq Climb to \$1 ft, QNH \$altim(\$dep)..caqq Climb to \$1 ft, QNH \$2..autoclimbaltitude Climb to \$1 ft, QNH \$altim(\$dep)..d Descend to FL \$1..autodescendlevel Descend to FL \$1..da Descend to \$1 ft..daq Descend to \$1 ft, QNH \$altim(\$arr)..daqq Descend to \$1 ft, QNH \$2..autodescendaltitude Descend to \$1 ft, QNH \$altim(\$arr)..mf Maintain \$1 feet..ml Maintain FL \$1..rpa Report passing altitude..rrl Report requested level..rd Report ready for descend..tod Report top of descent..rl Report level.	<ul style="list-style-type: none">.wrd When ready, descend to FL \$1..wrdr When ready, descend to FL \$1 to reach level at \$2..cas Check altimeter setting and confirm level. You are indicating \$calt..sas Set altimeter to standard pressure (1013 hPa or 2992 inHg)..rla Reach level at \$1..xl Cross \$1 at \$2.xa Cross \$1 at \$2 or above..xb Cross \$1 at \$2 or below..ob or before..ola or later..le Currently only EVEN levels available. Do you prefer FL \$1 or FL \$2?.lo Currently only ODD levels available. Do you prefer FL \$1 or FL \$2?.roc Climb at \$1 feet per minute.rod Descend at \$1 feet per minute.og or greater..om or greater..ol or less..rroc Report rate of climb..rrod Report rate of descent.
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11 Approach

.arr? Confirm able \$star arrival?
.tra? Confirm able \$star transition?
.arr Cleared \$star arrival.
.tra Cleared \$star transition.
.ev Expect vectoring for \$1 approach runway \$arrwy.
.et Expect RNAV transition for \$1 approach runway \$arrwy.
.v Vectoring for \$1 approach runway \$arrwy.
.jt Join \$star transition.
.ils Cleared ILS approach runway \$arrwy. Report established.
.autoclearedils Cleared ILS approach runway \$1. Report established.

.rnv Cleared RNAV approach runway \$arrwy. Report established.
.vor Cleared VOR/DME approach runway \$arrwy. Report established.
.ndb Cleared NDB approach runway \$arrwy. Report established.
.vi Cleared Visual approach runway \$arrwy. Report runway in sight.
.autoclearedvisual Cleared Visual approach runway \$1. Report runway in sight.
.coa Continue approach, wind \$winds(\$arr).
.llc Continue approach, expect late landing clearance, wind \$winds(\$arr).
.tm \$1 track miles to touchdown.
.ris Report runway in sight.
.wc wind \$winds(\$arr)

12 Speed Control

.rs Report speed.
.s Maintain speed \$1 knots
.autospeed Maintain speed \$1 knots
.sr Reduce speed to \$1 knots.
.si Increase speed to \$1 knots.
.rm Report mach number.
.m Maintain mach number \$1

.automach Maintain mach number \$1
.mc Reduce to minimum clean speed.
.mcr Reduce to minimum clean speed and report.
.ma Reduce to minimum approach speed.
.nsr No speed restrictions.
.autospeed No speed restrictions.
.rns Resume normal speed.

13 Holdings

.pho Proceed to \$1. Hold as published.
.ho Hold at \$1.

.hor Hold at \$1, inbound track \$2°, right hand pattern.
.hol Hold at \$1, inbound track \$2°, left hand pattern.

14 Landing

.ctl Wind \$winds(\$arr), runway \$arrwy, cleared to land.
.ctg Wind \$winds(\$arr), runway \$arrwy, cleared touch and go.
.csg Wind \$winds(\$arr), runway \$arrwy, cleared for stop and go.
.clp Wind \$winds(\$arr), cleared low pass runway \$arrwy.

.avr After landing vacate to the RIGHT.
.avl After landing vacate to the LEFT.
.rt Runway \$1 is available for taxi.
.so Swing over runway \$1.

15 After Landing

.vr Vacate runway to the RIGHT.
.vl Vacate runway to the LEFT.
.vv Vacate via \$1.

.wel Welcome to \$arr.
.bye Thanks for coming to \$arr, good bye and see you next time.

16 VFR

.in Enter control zone via Route \$1.
.lr Landing runway \$arrwy.
.out Leave control zone via Route \$1.
.mlt Make left turns.
.mrt Make right turns.
.lta Right turn approved.
.jld Join left downwind runway \$arrwy.
.jrd Join RIGHT downwind runway \$arrwy.
.jlb Join left base runway \$arrwy.
.jrb Join RIGHT base runway \$arrwy.

.ed Extend downwind until advised.
.tb Turn now for base.
.mda Make direct approach runway \$arrwy.
.msa Make straight-in approach runway \$arrwy.
.mfs Make full stop landing.
.orl Orbit left.
.orr Orbit right.
.ra Routing approved.
.hov Hold over \$1.

17 AIRAC

.csr .msg \$aircraft At the moment, your callsign is not listed in our database. Please register your airline on gng.aero-nav.com/AERONAV/icao_request_airlines. If you continue to fly in our region, your callsign may be included in our controller files.

.csv .msg \$aircraft At the moment, your callsign is not listed in our database. Please register your VA on gng.aero-nav.com/AERONAV/icao_request_vairlines. If you continue to fly in our region, your callsign may be included in our controller files.

18 Pilot Info

.busy .msg \$aircraft Hello. I am currently too busy to help you or to answer your question. Please refer to the manuals on www.vatsim.net/pilots or try to find another person who can help you.

.cr .msg \$aircraft Please make a correct readback so that I see that you've understood my instructions correctly. A readback is made by repeating the instructions of the controller.

.po .msg \$aircraft Hello, the position you are standing is already occupied by another aircraft. Please choose another one, thank you!

.fp .msg \$aircraft Hello. Your IFR flight plan is not valid. Please check for a valid route at vroute.net, thank you!

.rp .msg \$aircraft Startup does NOT include pushback. This first movement needs a separate clearance. Always request pushback, please. Thank you!

.cf .msg \$aircraft The facing indicates the direction your nose should point to after the pushback is completed.

.exg .msg \$aircraft Hello, expect Gate \$1, Happy Landing!

.exs .msg \$aircraft Hello, expect Stand \$1, Happy Landing!

.xp .msg \$aircraft It seems you are using X-Plane with inappropriate graphics settings. Your computer is not able to render the requested number of frames in time thus slowing down your simulator. Please adjust your graphics settings to increase the frame rate.

19 Others

.dis Disregard last transmission.

.ru Report unable.

.rac Report aircraft type (and version).

.ri Report intentions.

.wx Metreport \$metar(\$1).

.wxa Metreport \$metar(\$arr).

.q QNH \$1.

.qd QNH \$altim(\$dep).

.qa QNH \$altim(\$arr).

.sb Standby, I'll call you back.

.r Roger.