

LONDON CONTROL

VOICE RECOGNITION GRAMMAR REFERENCE

INTRODUCTION

The grammar that the London Control Voice Recognition software will recognise is defined here by way of examples which illustrate the range of clearances, instructions and requests that may be spoken. Each spoken phrase must relate to a single aircraft under the control of the sector, although in many instances multiple instructions may be included in the same phrase. Optional words are shown in square brackets.

CLIMB/DESCENT

- Speedbird six zero one climb flight level three four zero.
- Golf Bravo Alpha Charlie Delta descend [to] [altitude] six thousand [feet].
- American one zero two stop the descent [at] flight level one hundred.
- Jordanian triple one descend [when ready] flight level two five zero [to be] level [by] Lambourne.
- Golf Charlie Delta descend [when ready] flight level eight zero [to be] level ten [miles] before KATHY.
- United seven three four descend [when ready] flight level two three zero [to be] level twenty five miles after Strumble.
- Golf Alpha Zulu Delta Kilo descend [now] flight level three three zero.

HEADING

- November one two four Delta Foxtrot fly heading two seven five.
- Golf Charlie Delta turn left heading zero one zero [degrees].
- Midland six Echo Victor turn right five degrees.
- Reach three five Yankee turn [further] left fifteen degrees.
- Victor Victor Juliet Mike one turn left heading three two five to establish [runway two seven left].
- Golf Mike Zulu turn right twenty degrees [and] report established.
- Iberia four eight seven leave Ockham heading zero six zero [degrees].

NAVIGATION

- November one two four Delta Fox [route] direct [to] Lambourne.
- November Delta Foxtrot [resume] own navigation [to] WELIN.
- Air France three six six [resume] own navigation [to] Bravo Papa Kilo.

SPEED

- Papa Hotel Golf Mike India make your speed one eighty knots.
- Continental four six reduce speed mach decimal eight two.
- Oscar Mike India fly speed two two zero knots.
- Scandinavian five two five cancel speed restriction.
- Finnair eight three nine no [ATC] speed restriction.

REPORT

- Ascot six seven two five report [your] heading.
- Top Jet four four five Kilo report [your] speed.
- Can Force seven two one report established.

MAINTAIN

- Ethiopian seven one zero maintain flight level three hundred.
- Delta eight maintain six thousand feet on reaching.
- Navy one seven five maintain [your] present heading.
- Sam two zero niner maintain the heading.

HOLD

- Cedarjet two zero one [take up the] hold [at] Biggin.
- Air Portugal three eight one [enter the] hold [at] Oscar Charlie Kilo.
- Alitalia two seven eight cancel [the] hold.

TRANSFER

- MacLine two Mike X-ray contact London [on] [frequency] one two eight decimal six.
- Lufthansa eight Papa Whiskey call Maastricht [channel] one three two decimal two zero five.

MISCELLANEOUS

- Spar one three Lima squawk ident.

COMBINATION OF CLEARANCES

Heading, leave, level, navigation and speed clearances may be spoken in a single instruction, in the following combinations:

- Heading + Level or Speed
- Leave + Level
- Level + Heading or Leave or Navigation or Speed
- Navigation + Level or Speed
- Speed + Level or Heading or Navigation