

| Command | Description | Usage | Argument types |
|--------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|--------------------------------|
| ADDNODES | Add a simulation instance/node | ADDNODES number | int |
| ADDWPT | Add a waypoint to route of aircraft (FMS) | ADDWPT acid, (wpname/lat,lon),[alt],[spd],[afterwp] | acid,wpt,[alt,spd,txt] |
| ALT | Altitude command (autopilot) | ALT acid, alt, [vspd] | acid,alt,[vspd] |
| AREA | Define experiment area (area of interest) | AREA Shapename/OFF or | |
| AREA lat,lon,lat,lon,[top,bottom] | [float/txt,float,float,float,alt,alt] | | |
| ASAS | Airborne Separation Assurance System switch | ASAS ON/OFF | [onoff] |
| BATCH | Start a scenario file as batch simulation | BATCH filename | string |
| BENCHMARK | Run becnhmark | BENCHMARK [scenfile,time] | [txt,time] |
| BOX | Define a box-shaped area | BOX name,lat,lon,lat,lon,[top,bottom] | txt,latlon,latlon,[alt,alt] |
| CALC | Simple in-line math calculator, evaluate expression | CALC expression | string |
| CDMETHOD | Set conflict detection method | CDMETHOD [method] | [txt] |
| CIRCLE | Define a circle-shaped area | CIRCLE name,lat,lon,radius,[top,bottom] | txt,latlon,float,[alt,alt] |
| CRE | Create an aircraft | CRE acid,type,lat,lon,hdg,alt,spd | txt,txt,latlon,hdg,alt,spd |
| DATAFEED | | DATAFEED [ON/OFF] | [onoff] |
| DEL | Delete command (aircraft, wind, area) | DEL acid/WIND/shape | txt |
| DELWPT | Delete a waypoint from a route (FMS) | DELWPT acid,wpname | acid,txt |
| DEST | Set destination of aircraft, aircraft wil fly to this airport | DEST acid, latlon/airport | acid,wpt/latlon |
| DIRECT | Go direct to specified waypoint in route (FMS) | DIRECT acid wpname | acid,txt |
| DIST | Distance and direction calculation between two positions | DIST lat0, lon0, lat1, lon1 | latlon,latlon |
| DT | Set simulation time step | DT dt | float |
| DTLOOK | Set lookahead time in seconds for conflict detection | DTLOOK [time] | [float] |
| DTMULT | Set multiplication factor for fast-time simulation | DTMULT multiplier | float |
| DTNOLOOK | Set interval for conflict detection | DTNOLOOK [time] | [float] |
| DUMP RTE | Write route to output/routelog.txt | DUMP RTE acid | acid |
| ECHO | Show a text in command window for user to read | ECHO txt | string |
| ENG | Specify a different engine type | ENG acid,[engine_id] | acid,[txt] |
| FF | Fast forward the simulation | FF [tend] | [time] |
| FIXDT | Fix the time step | FIXDT ON/OFF [tend] | onoff,[time] |
| GETWIND | Get wind at a specified position (and optionally at altitude) | GETWIND lat,lon,[alt] | latlon,[alt] |
| HDG | Heading command (autopilot) | HDG acid,hdg (deg,True) | acid,float |
| HELP | Show help in a command or write list of commands to file | HELP [command] / >filename | [txt] |
| HOLD | Pause(hold) simulation | HOLD | |
| IC | Initial condition: (re)start simulation and open scenario file | IC [IC/filename] | [string] |
| INSEDT | Insert text op edit line in command window | INSEDT txt | string |
| INSTLOG | | INSTLOG ON/OFF,[dt] or LISTVARS or SELECTVARS var1,...,varn | [txt,float/float,...] |
| LINE | Draw a line on the radar screen | LINE name,lat,lon,lat,lon | txt,latlon,latlon |
| LIST RTE | Show list of route in window per page of 5 waypoints | LIST RTE acid, [pagenr] | acid,[int] |
| LNAV | LNAV (lateral FMS mode) swithc for autopilot | LNAV acid,[ON/OFF] | acid,[onoff] |
| MCRE | Multiple random create of n aircraft in current view | MCRE n, [type/* , alt/* , spd/* , dest/*] | int,[txt,alt,spd,txt] |
| METRIC | Complexity metrics module | METRIC OFF/0/1/2, [dt] | onoff/int,[float] |
| MOVE | Move an aircraft to a new position | MOVE acid,lat,lon,[alt,hdg,spd,vspd] | acid,latlon,[alt,hdg,spd,vspd] |
| ND | Show navigation display with CDTI | ND acid | txt |
| NOISE | Turbulence/noise switch | NOISE [ON/OFF] | [onoff] |
| NOM | Set nominal acceleration for this aircraft (perf model) | NOM acid | acid |
| NORESO | Switch off conflict resolution for this aircraft | NORESO [acid] | [string] |
| OP | Start/Run simulation or continue after pause | OP | |
| ORIG | Set origin airport of aircraft | ORIG acid, latlon/airport | acid,wpt/latlon |
| PAN | Pan screen (move view) to a waypoint, direction or aircraft | PAN latlon/acid/airport/waypoint/LEFT/RIGHT/ ABOVE/DOWN | pandir/latlon |
| PCALL | Call commands in another scenario file | PCALL filename [REL/ABS] | txt,[txt] |
| POLY | Define a polygon-shaped area | POLY name,lat,lon,lat,lon, ... | txt,latlon,... |
| POLYALT | Define a polygon-shaped area in 3D: between two altitudes | POLY name,top,bottom,lat,lon,lat,lon, ... | txt,alt,alt,latlon,... |
| POS | Get info on aircraft | POS acid | txt |
| PRIORULES | Define priority rules (right of way) for conflict resolution | PRIORULES [ON/OFF PRIORCODE] | [onoff, txt] |
| QUIT | Quit program/Stop simulation | QUIT | |
| RESET | Reset simulation | RESET | |
| RESO | Set resolution method | RESO [method] | [txt] |
| RESOOFF | Switch for conflict resolution module | RESOOFF [acid] | [string] |
| RFACH | Set resolution factor horizontal (to add a margin) | RFACH [factor] | [float] |
| RFACV | Set resolution factor vertical (to add a margin) | RFACV [factor] | [float] |

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| RMETHH | Set resolution method to be used horizontally | RMETHH [method] | [txt] |
| RMETHV | Set resolution method to be used vertically | RMETHV [method] | [txt] |
| RSZONEDH | Set half of vertical dimension of resolution zone in ft | RSZONEDH [height] | [float] |
| RSZONER | Set horizontal radius of resolution zone in nm | RSZONER [radius] | [float] |
| RUNWAYS | List available runways on an airport | RUNWAYS ICAO | txt |
| SAVEIC | Save current situation as IC | SAVEIC filename | string |
| SCEN | Give current situation a scenario name | SCEN scenname | string |
| SEED | Set seed for all functions using a randomizer (e.g.mcrc,noise) | SEED value | int |
| SKYLOG | | SKYLOG ON/OFF,[dt] or LISTVARS or SELECTVARS var1,...,varn | [txt,float/tx,....] |
| SNAPLOG | | SNAPLOG ON/OFF,[dt] or LISTVARS or SELECTVARS var1,...,varn | [txt,float/tx,....] |
| SPD | Speed command (autopilot) | SPD acid,spd (CAS-kts/Mach) | acid,spd |
| SSD | Show state-space diagram (=conflict prevention display/predictive ASAS) | SSD acid/ALL/OFF | txt |
| SWRAD | Switch on/off elements and background of map/radar view | SWRAD GEO/GRID/APT/VOR/WPT/LABEL/ADSBCO VERAGE/TRAIL [dt]/[value] | txt,[float] |
| SYMBOL | Toggle aircraft symbol | SYMBOL | |
| SYN | Macro for generating synthetic (geometric) traffic scenarios | SYN: Possible subcommands: HELP, SIMPLE, SIMPLD, DIFG, SUPER, | |
| MATRIX, FLOOR, TAKEOVER, WALL, ROW, COLUMN, DISP | txt,[...] | | |
| TAXI | Switch on/off ground/low altitude mode, prevents auto-delete at 1500 ft | TAXI ON/OFF : OFF auto deletes traffic below 1500 ft | onoff |
| TIME | Set simulated clock time | TIME RUN(default) / HH:MM:SS.hh / REAL / UTC | [txt] |
| TRAIL | Toggle aircraft trails on/off | TRAIL ON/OFF, [dt] OR TRAIL acid color | acid/bool,[float/tx] |
| VNAV | Switch on/off VNAV mode, the vertical FMS mode (autopilot) | VNAV acid,[ON/OFF] | acid,[onoff] |
| VS | Vertical speed command (autopilot) | VS acid,vspd (ft/min) | acid,vspd |
| WIND | Define a wind vector as part of the 2D or 3D wind field | WIND lat,lon,alt/*,dir,spd[,alt,dir,spd,alt,...] | latlon,[alt],float,float,....,.... |
| ZONEDH | Set half of the vertical protected zone dimensions in ft | ZONEDH [height] | [float] |
| ZONER | Set the radius of the horizontal protected zone dimensions in nm | ZONER [radius] | [float] |
| ZOOM | Zoom display in/out, you can also use +++ or ---- | ZOOM IN/OUT or factor | float/tx |

| Synonyms | Equivalent command |
|-----------|--------------------|
| ? | HELP |
| CLOSE | QUIT |
| CONTINUE | OP |
| CREATE | CRE |
| DELETE | DEL |
| DIRECTTO | DIRECT |
| DIRTO | DIRECT |
| DISP | SWRAD |
| END | STOP |
| EXIT | STOP |
| FWD | FF |
| HMETH | RMETHH |
| HRESOM | RMETHH |
| HRESOMETH | RMETHH |
| LOAD | IC |
| OPEN | IC |
| PAUSE | HOLD |
| Q | QUIT |
| RESOFACH | RFACH |
| RESOFACV | RFACV |
| RUN | OP |
| START | OP |
| STOP | QUIT |
| TURN | HDG |
| VMETH | RMETHV |
| VRESOM | RMETHV |
| VRESOMETH | RMETHV |