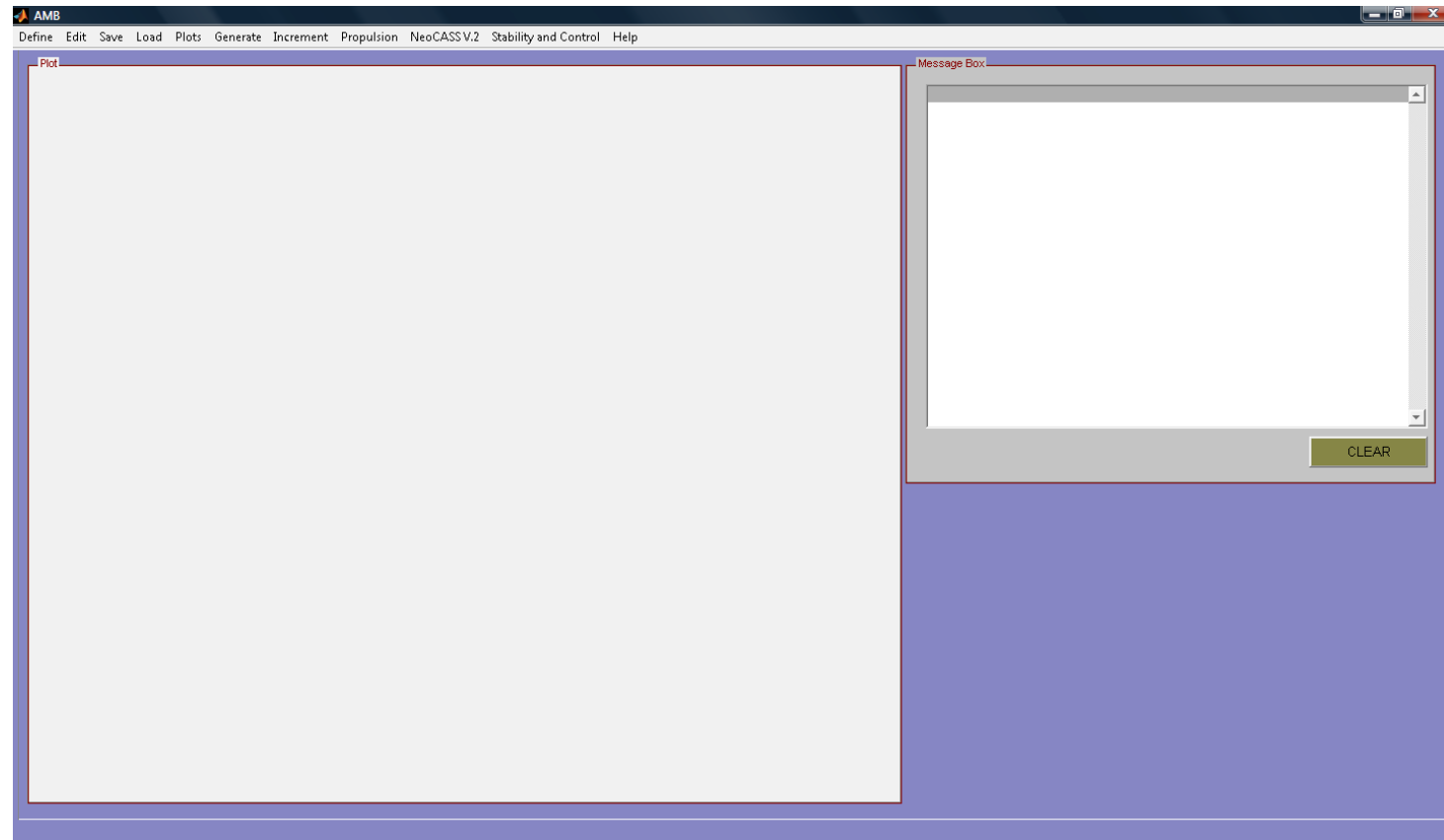
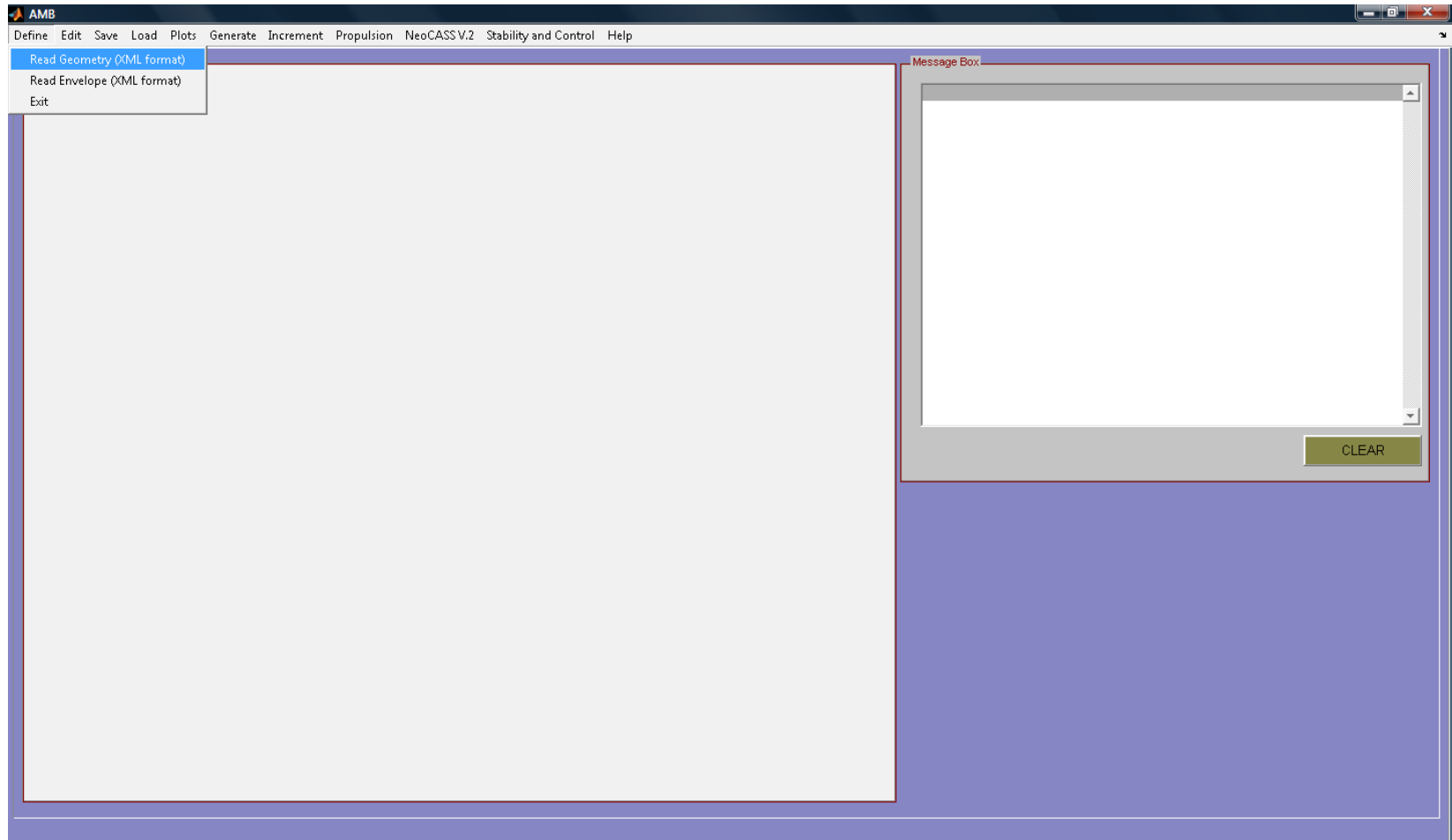
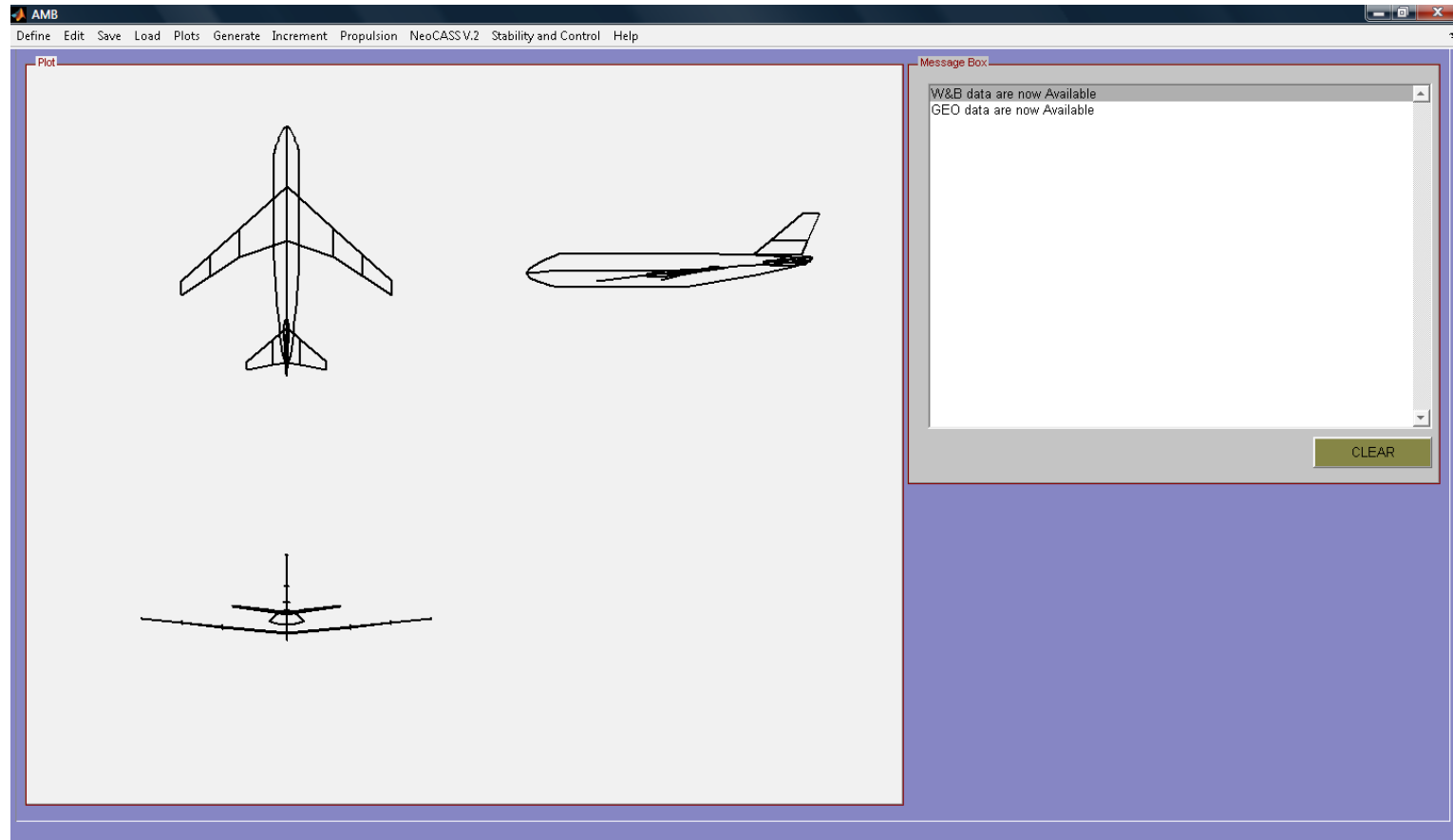


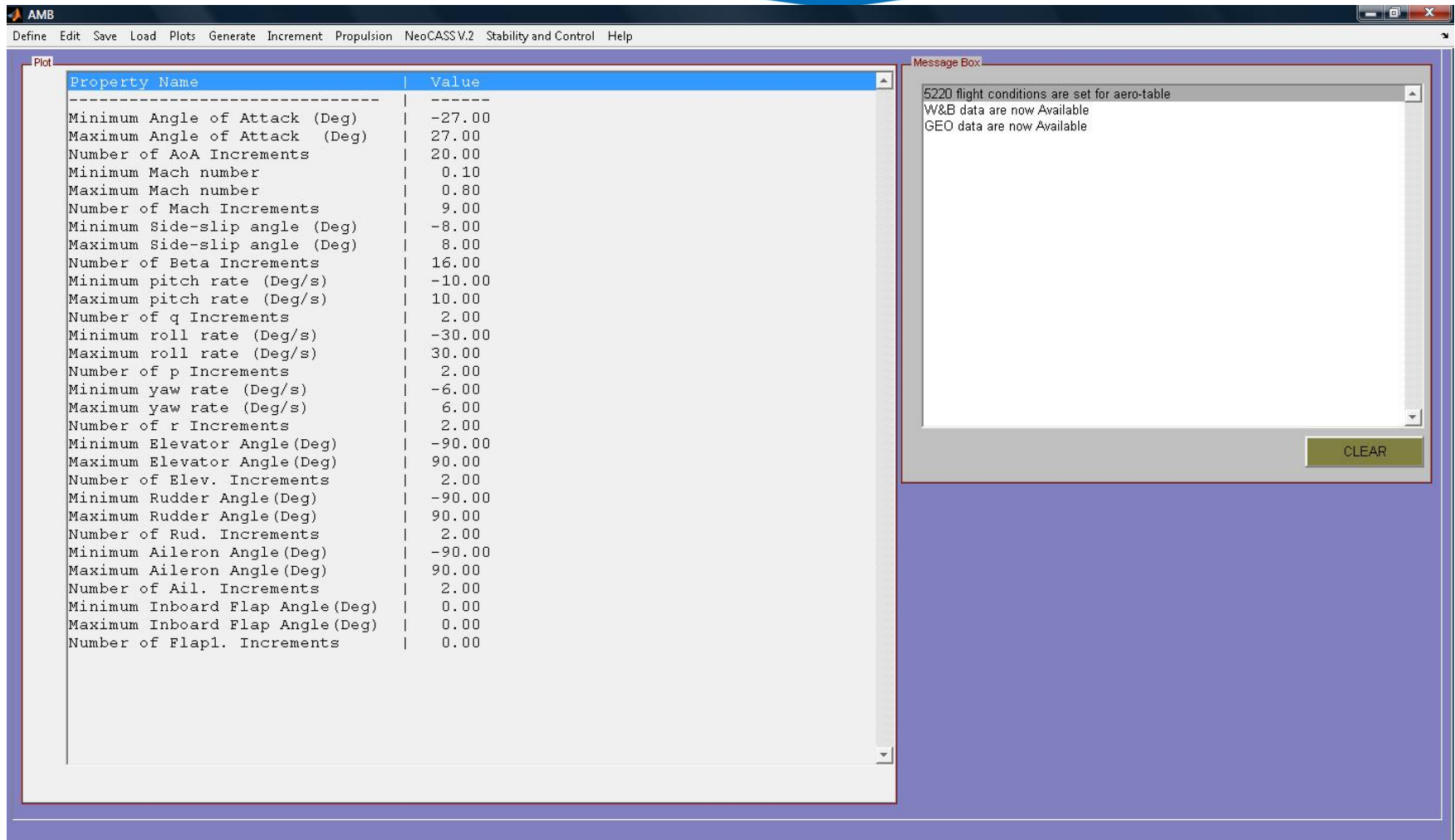


AMB









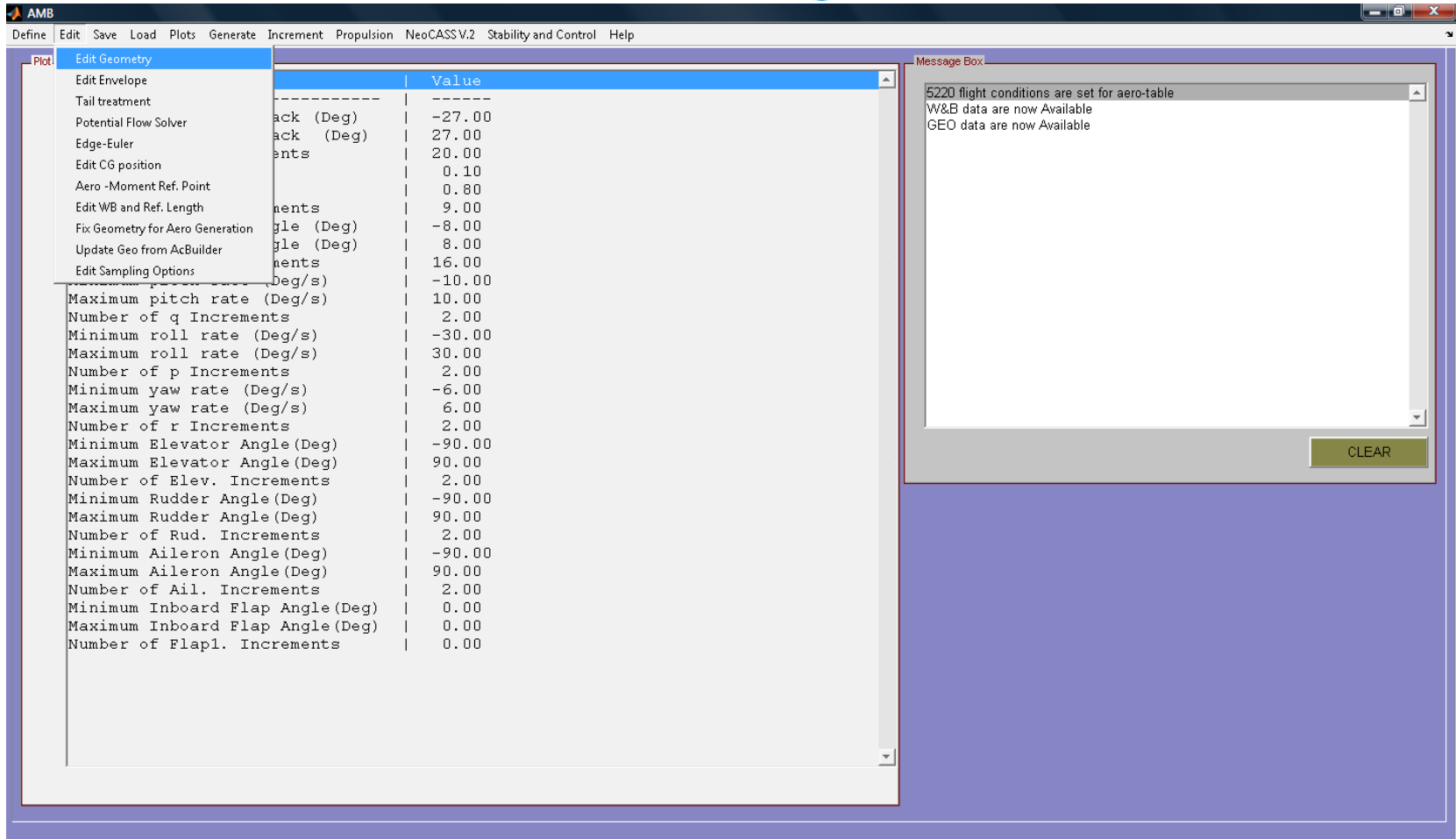
The screenshot shows the SimSAC software interface. The main window is titled 'AMB' and contains a menu bar with options: Define, Edit, Save, Load, Plots, Generate, Increment, Propulsion, NeoCASSV.2, Stability and Control, and Help. Below the menu bar is a 'Plot' window displaying a table of flight parameters. To the right of the 'Plot' window is a 'Message Box' with a 'CLEAR' button.

Property Name	Value
Minimum Angle of Attack (Deg)	-27.00
Maximum Angle of Attack (Deg)	27.00
Number of AoA Increments	20.00
Minimum Mach number	0.10
Maximum Mach number	0.80
Number of Mach Increments	9.00
Minimum Side-slip angle (Deg)	-8.00
Maximum Side-slip angle (Deg)	8.00
Number of Beta Increments	16.00
Minimum pitch rate (Deg/s)	-10.00
Maximum pitch rate (Deg/s)	10.00
Number of q Increments	2.00
Minimum roll rate (Deg/s)	-30.00
Maximum roll rate (Deg/s)	30.00
Number of p Increments	2.00
Minimum yaw rate (Deg/s)	-6.00
Maximum yaw rate (Deg/s)	6.00
Number of r Increments	2.00
Minimum Elevator Angle (Deg)	-90.00
Maximum Elevator Angle (Deg)	90.00
Number of Elev. Increments	2.00
Minimum Rudder Angle (Deg)	-90.00
Maximum Rudder Angle (Deg)	90.00
Number of Rud. Increments	2.00
Minimum Aileron Angle (Deg)	-90.00
Maximum Aileron Angle (Deg)	90.00
Number of Ail. Increments	2.00
Minimum Inboard Flap Angle (Deg)	0.00
Maximum Inboard Flap Angle (Deg)	0.00
Number of Flap1. Increments	0.00

The 'Message Box' contains the following text:

```
5220 flight conditions are set for aero-table
W&B data are now Available
GEO data are now Available
```

A 'CLEAR' button is located at the bottom right of the 'Message Box'.



The screenshot shows the SimSAC software interface. The 'Edit Geometry' menu is open, displaying a list of parameters and their values. A 'Message Box' is also visible, indicating that 5220 flight conditions are set for the aero-table and that W&B and GEO data are now available.

Parameter	Value
Back (Deg)	-27.00
Back (Deg)	27.00
ents	20.00
ents	0.10
ents	0.80
ents	9.00
gle (Deg)	-8.00
gle (Deg)	8.00
ents	16.00
ents (Deg/s)	-10.00
Maximum pitch rate (Deg/s)	10.00
Number of q Increments	2.00
Minimum roll rate (Deg/s)	-30.00
Maximum roll rate (Deg/s)	30.00
Number of p Increments	2.00
Minimum yaw rate (Deg/s)	-6.00
Maximum yaw rate (Deg/s)	6.00
Number of r Increments	2.00
Minimum Elevator Angle (Deg)	-90.00
Maximum Elevator Angle (Deg)	90.00
Number of Elev. Increments	2.00
Minimum Rudder Angle (Deg)	-90.00
Maximum Rudder Angle (Deg)	90.00
Number of Rud. Increments	2.00
Minimum Aileron Angle (Deg)	-90.00
Maximum Aileron Angle (Deg)	90.00
Number of Ail. Increments	2.00
Minimum Inboard Flap Angle (Deg)	0.00
Maximum Inboard Flap Angle (Deg)	0.00
Number of Flap1. Increments	0.00

Message Box:

5220 flight conditions are set for aero-table
W&B data are now Available
GEO data are now Available

CLEAR

AMB

Define Edit Save Load Plots Generate Increment Propulsion NeoCASS V.2 Stability and Control Help

Plot

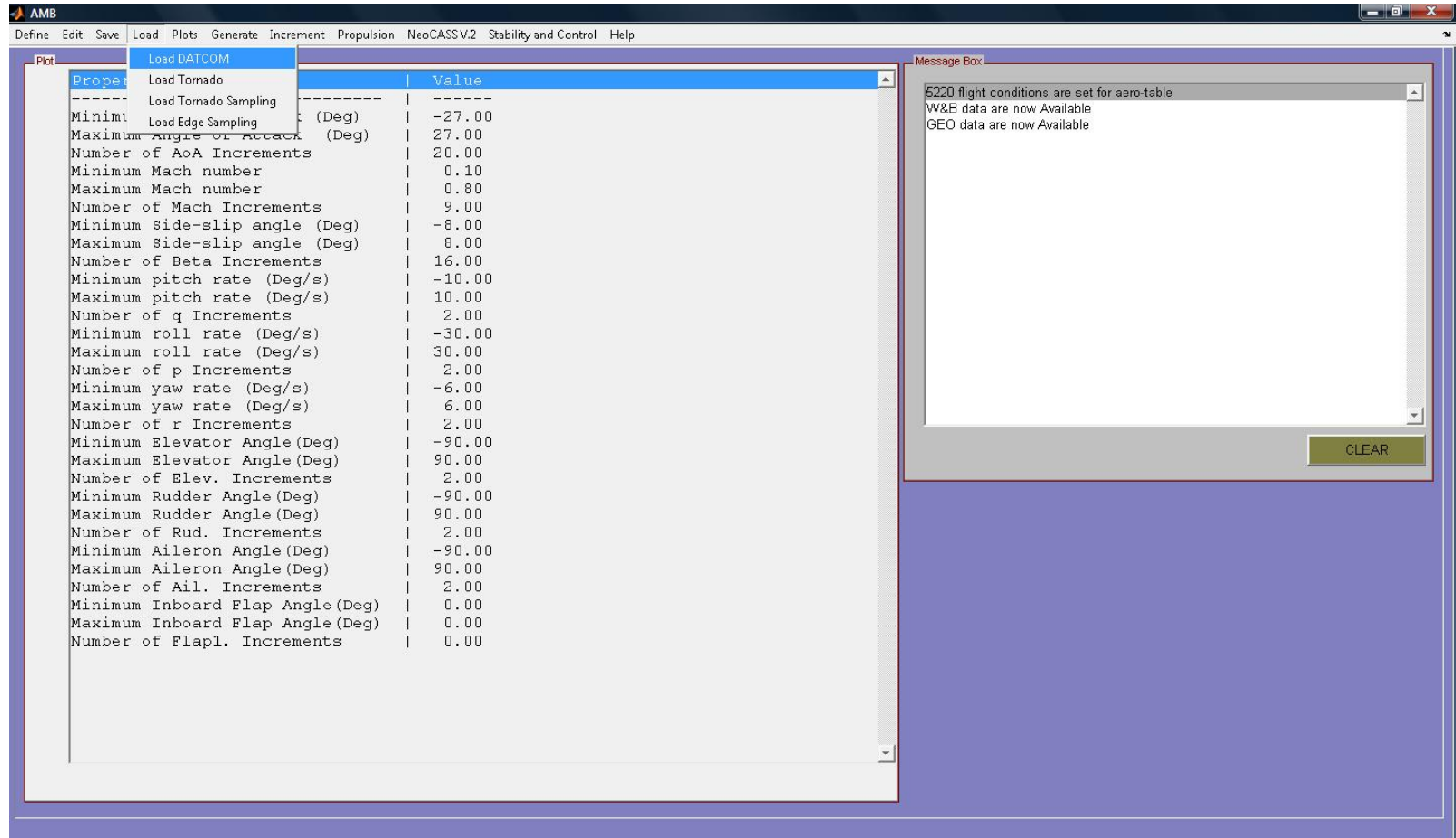
Save Geometry in XML
Save Envelope in XML
Save Model in XML
Save Aero Graphs

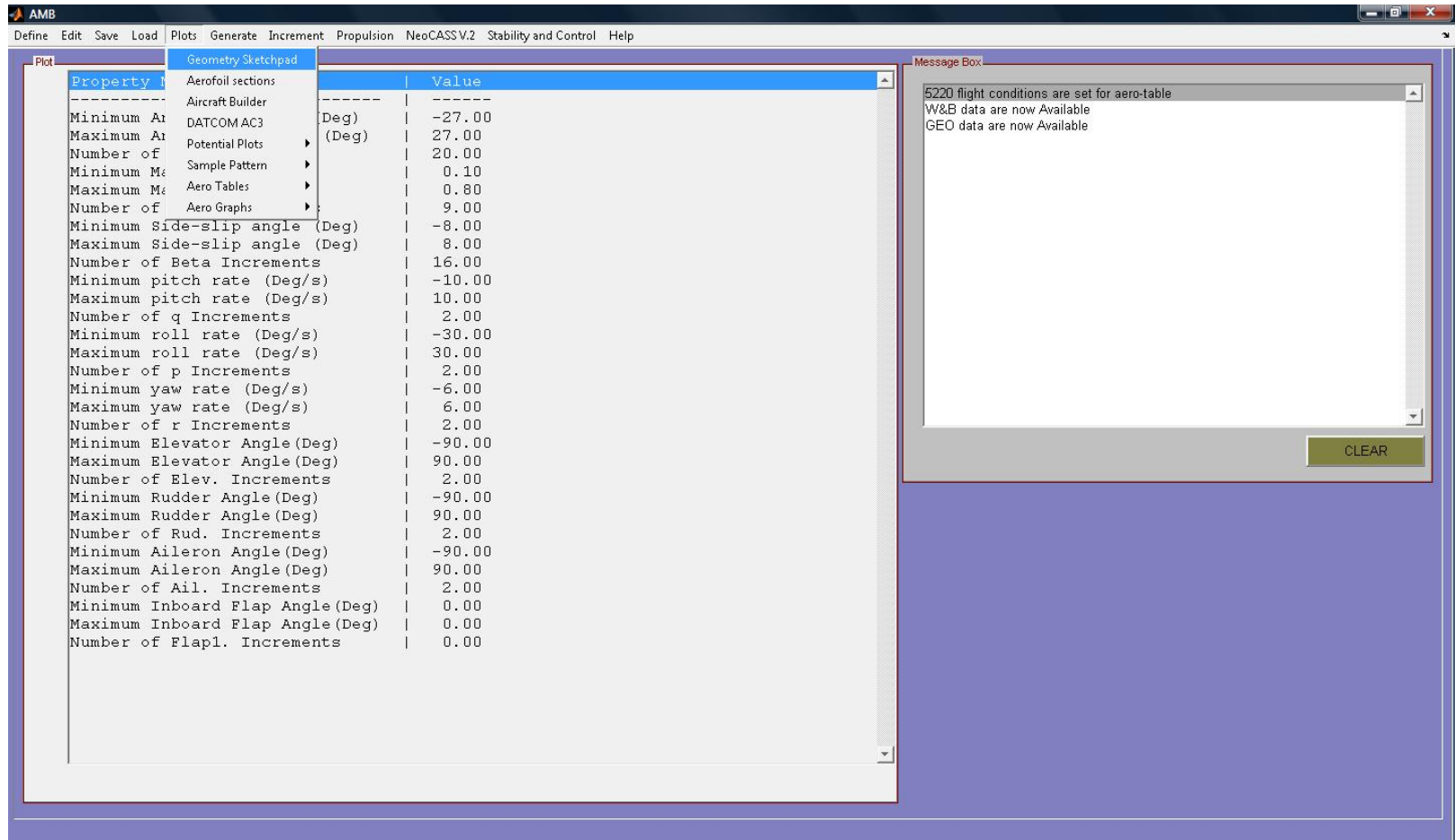
	Value
Minimum Angle of Attack (Deg)	-27.00
Maximum Angle of Attack (Deg)	27.00
Number of AoA Increments	20.00
Minimum Mach number	0.10
Maximum Mach number	0.80
Number of Mach Increments	9.00
Minimum Side-slip angle (Deg)	-8.00
Maximum Side-slip angle (Deg)	8.00
Number of Beta Increments	16.00
Minimum pitch rate (Deg/s)	-10.00
Maximum pitch rate (Deg/s)	10.00
Number of q Increments	2.00
Minimum roll rate (Deg/s)	-30.00
Maximum roll rate (Deg/s)	30.00
Number of p Increments	2.00
Minimum yaw rate (Deg/s)	-6.00
Maximum yaw rate (Deg/s)	6.00
Number of r Increments	2.00
Minimum Elevator Angle (Deg)	-90.00
Maximum Elevator Angle (Deg)	90.00
Number of Elev. Increments	2.00
Minimum Rudder Angle (Deg)	-90.00
Maximum Rudder Angle (Deg)	90.00
Number of Rud. Increments	2.00
Minimum Aileron Angle (Deg)	-90.00
Maximum Aileron Angle (Deg)	90.00
Number of Ail. Increments	2.00
Minimum Inboard Flap Angle (Deg)	0.00
Maximum Inboard Flap Angle (Deg)	0.00
Number of Flap1. Increments	0.00

Message Box

5220 flight conditions are set for aero-table
W&B data are now Available
GEO data are now Available

CLEAR





The screenshot shows the SimSAC software interface. The main window is titled "AMB" and has a menu bar with options: Define, Edit, Save, Load, Plots, Generate, Increment, Propulsion, NeoCASSV.2, Stability and Control, and Help. The "Geometry Sketchpad" window is open, displaying a table of properties and values. A "Message Box" is also open, showing a message about flight conditions.

Property	Value
Minimum Angle of Attack (Deg)	-27.00
Maximum Angle of Attack (Deg)	27.00
Number of Potential Plots	20.00
Minimum Mach Number	0.10
Maximum Mach Number	0.80
Number of Aero Graphs	9.00
Minimum Side-slip angle (Deg)	-8.00
Maximum Side-slip angle (Deg)	8.00
Number of Beta Increments	16.00
Minimum pitch rate (Deg/s)	-10.00
Maximum pitch rate (Deg/s)	10.00
Number of q Increments	2.00
Minimum roll rate (Deg/s)	-30.00
Maximum roll rate (Deg/s)	30.00
Number of p Increments	2.00
Minimum yaw rate (Deg/s)	-6.00
Maximum yaw rate (Deg/s)	6.00
Number of r Increments	2.00
Minimum Elevator Angle (Deg)	-90.00
Maximum Elevator Angle (Deg)	90.00
Number of Elev. Increments	2.00
Minimum Rudder Angle (Deg)	-90.00
Maximum Rudder Angle (Deg)	90.00
Number of Rud. Increments	2.00
Minimum Aileron Angle (Deg)	-90.00
Maximum Aileron Angle (Deg)	90.00
Number of Ail. Increments	2.00
Minimum Inboard Flap Angle (Deg)	0.00
Maximum Inboard Flap Angle (Deg)	0.00
Number of Flap1. Increments	0.00

The Message Box contains the following text:

```
5220 flight conditions are set for aero-table
W&B data are now Available
GEO data are now Available
```

A "CLEAR" button is located at the bottom right of the Message Box.



AMB

Define Edit Save Load Plots Generate Increment Propulsion NeoCASSV.2 Stability and Control Help

Plot

Datcom
Potential Solver
Euler-EDGE

Property Name	Value
Minimum Angle of Attack (Deg)	-27.00
Maximum Angle of Attack (Deg)	27.00
Number of AoA Increments	20.00
Minimum Mach number	0.10
Maximum Mach number	0.80
Number of Mach Increments	9.00
Minimum Side-slip angle (Deg)	-8.00
Maximum Side-slip angle (Deg)	8.00
Number of Beta Increments	16.00
Minimum pitch rate (Deg/s)	-10.00
Maximum pitch rate (Deg/s)	10.00
Number of q Increments	2.00
Minimum roll rate (Deg/s)	-30.00
Maximum roll rate (Deg/s)	30.00
Number of p Increments	2.00
Minimum yaw rate (Deg/s)	-6.00
Maximum yaw rate (Deg/s)	6.00
Number of r Increments	2.00
Minimum Elevator Angle (Deg)	-90.00
Maximum Elevator Angle (Deg)	90.00
Number of Elev. Increments	2.00
Minimum Rudder Angle (Deg)	-90.00
Maximum Rudder Angle (Deg)	90.00
Number of Rud. Increments	2.00
Minimum Aileron Angle (Deg)	-90.00
Maximum Aileron Angle (Deg)	90.00
Number of Ail. Increments	2.00
Minimum Inboard Flap Angle (Deg)	0.00
Maximum Inboard Flap Angle (Deg)	0.00
Number of Flap1. Increments	0.00

Message Box

5220 flight conditions are set for aero-table
W&B data are now Available
GEO data are now Available

CLEAR

