

Plane Mongan

#Mach

0.0

#IYsym IZsym Zsym

0 0 0.0

#Sref Cref Bref

9.0 0.9 10.0

#Xref Yref Zref

0.50 0.0 0.0

#

#

=====

SURFACE

Fuselage

#Nchordwise Cspace

12 1.0

#

ANGLE

0.0

#-----

SECTION

#Xle Yle Zle Chord Ainc Nspanwise Sspace

-1 1.0 0.0 5 0.0 9 0

#-----

SECTION

#Xle Yle Zle Chord Ainc Nspanwise Sspace

-1 -1.25 0.0 5.14 0.0 9 0

#-----

SECTION

#Xle Yle Zle Chord Ainc Nspanwise Sspace

-1 0.0 1.0 5.14 0.0 9 0

#-----

SECTION

#Xle Yle Zle Chord Ainc Nspanwise Sspace

-1 1.25 0.0 5.14 0.0 9 0

#-----

SECTION

#Xle Yle Zle Chord Ainc Nspanwise Sspace

-1 1.0 0.0 5 0.0 9 0

=====

SURFACE

Wing

#Nchordwise Cspace Nspanwise Sspace

8 1.0 12 1.0

#

ANGLE

2.0

#-----

SECTION

#Xle Yle Zle Chord Ainc Nspanwise Sspace

#Xle Yle Zle Chord Ainc Nspanwise Sspace

0. 2 -5. 0 1. 0 0. 6 0. 0 0 0

AFI LE
mongan1. dat

#Cname	Cgai n	Xhi nge	Hi ngeVec	SgnDup
CONTROL				
fl ap	1. 0	1. 5	0. 0 0. 0 0. 0	1. 0

CONTROL				
ai leron	-1. 0	1. 5	0. 0 0. 0 0. 0	-1. 0

#

CLAF

1. 0

#

SECTI ON

#XI e	YI e	ZI e	Chord	Ai nc	Nspanwi se	Sspace
0.	0.	0.	2. 0	0. 0	0	0

AFI LE
mongan1. dat

#Cname	Cgai n	Xhi nge	Hi ngeVec	SgnDup
CONTROL				
fl ap	1. 0	1. 5	0. 0 0. 0 0. 0	1. 0

CONTROL				
ai leron	-1. 0	1. 5	0. 0 0. 0 0. 0	-1. 0

CLAF

1. 0

#

SECTI ON

#XI e	YI e	ZI e	Chord	Ai nc	Nspanwi se	Sspace
0. 2	5. 0	1. 0	0. 6	0. 0	0	0

AFI LE
mongan1. dat

#Cname	Cgai n	Xhi nge	Hi ngeVec	SgnDup
CONTROL				
fl ap	1. 0	1. 5	0. 0 0. 0 0. 0	1. 0

CONTROL				
ai leron	-1. 0	1. 5	0. 0 0. 0 0. 0	-1. 0

#

CLAF

1. 0

#

SURFACE

H-stab

#Nchordwi se	Cspace	Nspanwi se	Sspace
6	1. 0	6	1. 0

#

YDUPLI CATE

0. 0

```

#
TRANSLATE
4.0 0.0 0.0
#
#-----
SECTION
#Xie  Yie  Zie  Chord  Ainc  Nspanwise  Sspace
0.0    0.0  0.0  1.4    0.    0          0

#Cname  Cgain  Xhinge  HingeVec  SgnDup
CONTROL
elevator 1.0    1.4    0.0 1.0 0.0  1.0
#-----
SECTION
#Xie  Yie  Zie  Chord  Ainc  Nspanwise  Sspace
0.14  1.25  0.0  0.84  0.    0          0

#Cname  Cgain  Xhinge  HingeVec  SgnDup
CONTROL
elevator 1.0    1.4    0.0 1.0 0.0  1.0
#
#-----
SURFACE
V-stab
#Nchordwise  Cspace  Nspanwise  Sspace
6            1.0      5          1.0
TRANSLATE
4.0 0.0 0.0
#
#-----
SECTION
#Xie  Yie  Zie  Chord  Ainc  Nspanwise  Sspace
0.0    0.    0.0  1.4    0.    0          0

#Cname  Cgain  Xhinge  HingeVec  SgnDup
CONTROL
rudder  1.0    0.5    0.0 0.0 1.0  1.0
#-----
SECTION
#Xie  Yie  Zie  Chord  Ainc  Nspanwise  Sspace
0.14  0.    1.0  0.84  0.    0          0

#Cname  Cgain  Xhinge  HingeVec  SgnDup
CONTROL
rudder  1.0    1.0    0.0 0.0 1.0  1.0
#-----

```