$FLTCON NMACH=2.0, MACH(1)=0.1,0.2$

$FLTCON NALT=1.0,ALT(1)=7874$

$FLTCON NALPHA=5.,ALSCHD(1)=-2.0,0.0,2.0,

ALSCHD(4)=4.0,8.0,LOOP=2.0$

$OPTINS SREF=225.8,CBARR=5.75,BLREF=41.15$

$SYNTHS XCG=7.08,ZCG=0.0,XW=6.1,ZW=-1.4,ALIW=1.1,XH=20.2,

ZH=0.4,ALIH=0.0,XV=21.3,ZV=0.0,VERTUP=.TRUE.$

$BODY NX=10.0,

X(1)=-4.9,0.0,3.0,6.1,9.1,13.3,20.2,23.5,25.9,

R(1)=0.0,1.0,1.75,2.6,2.6,2.6,2.0,1.0,0.0$

$WGPLNF CHRDTP=4.0,SSPNE=18.7,SSPN=20.6,CHRDR=7.2,SAVSI=0.0,CHSTAT=0.25,

TWISTA=-1.1,SSPNDD=0.0,DHDADI=3.0,DHDADO=3.0,TYPE=1.0$

NACA-W-6-64A412

$HTPLNF CHRDTP=2.3,SSPNE=5.7,SSPN=6.625,CHRDR=0.25,SAVSI=11.0,

CHSTAT=1.0,TWISTA=0.0,TYPE=1.0$

NACA-H-4-0012

$VTPLNF CHRDTP=2.7,SSPNE=5.0,SSPN=5.2,CHRDR=5.3,SAVSI=31.3,

CHSTAT=0.25,TWISTA=0.0,TYPE=1.0$

NACA-V-4-0012

CASEID SKYHOGG BODY-WING-HORIZONTAL TAIL-VERTICAL TAIL CONFIG

DAMP

NEXT CASE

|  |
| --- |
| CASEID ----- MIKOYAN-GUREVICH MiG-17 ----- $FLTCON NMACH=1.0,MACH(1)=0.6,NALPHA=10.0,ALSCHD(1)=-4.0,-2.0,  0.0,2.0,4.0,6.0,8.0,10.0,12.0,14.0,NALT=1.0,ALT(1)=7874.0,  WT=3425,LOOP=1.$ $SYNTHS XCG=11.17,ZCG=0.0,XW=3.63,ZW=0.42,ALIW=1.0,XH=28.73,  ZH=5.24,ALIH=0.0,XV=18.3,ZV=0.0$  $OPTINS SREF=243.0$  $BODY NX=8.0,  X(1)=0.0,0.74,8.35,13.14,19.35,24.41,28.41,30.77, S(1)=5.19,9.32,16.89,16.89,15.94,11.12,5.85,2.5$ |
| NACA-W-6-66-012 $WGPLNF CHRDTP=7.02,SSPNOP=11.32,SSPNE=13.41,SSPN=15.71,  CHRDBP=8.4,CHRDR=14.0,SAVSI=45.0,SAVSO=45.0,CHSTAT=0.25,  TWISTA=0.0,DHDADI=-3.0,DHDADO=-3.0,TYPE=1.0$ NACA-H-6-66-009  $HTPLNF CHRDTP=1.86,SSPNE=5.42,SSPN=5.43,CHRDR=4.69,SAVSI=45.0, CHSTAT=0.25,TYPE=1.0$  NACA-V-6-66-009 $VTPLNF CHRDTP=3.76,SSPNE=6.05,SSPN=8.18,CHRDR=12.47,SAVSI=55.0,  CHSTAT=0.25,TYPE=1.0$  DIM FT  BUILD  PLOT  NEXT CASE |