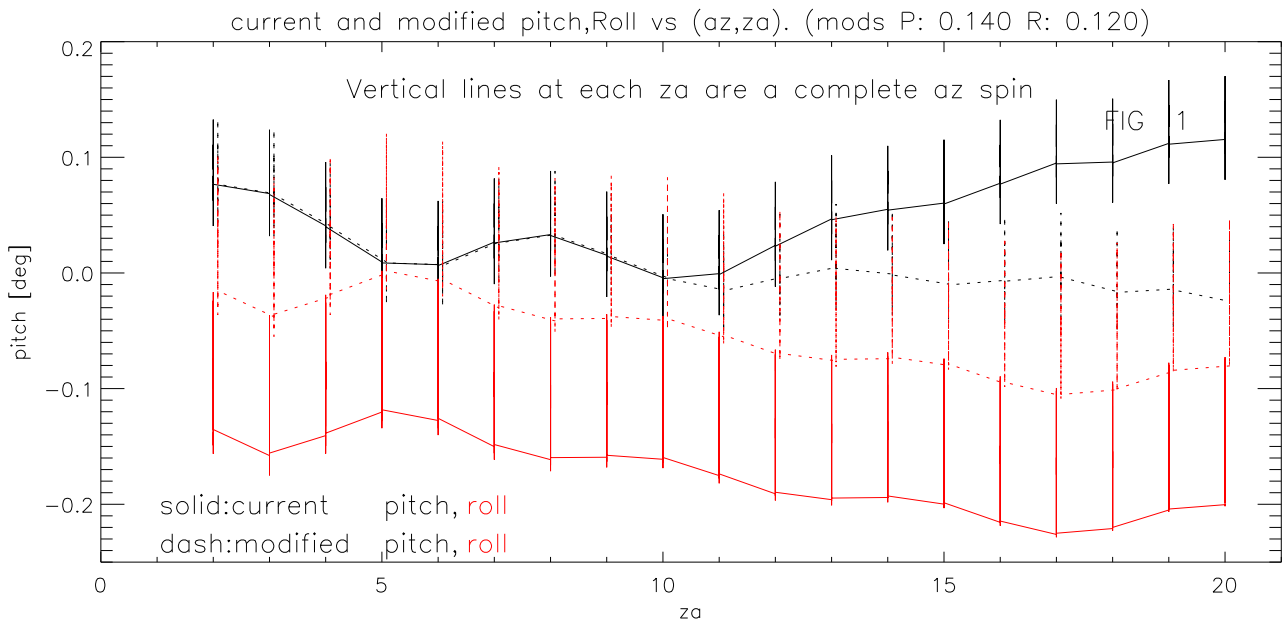
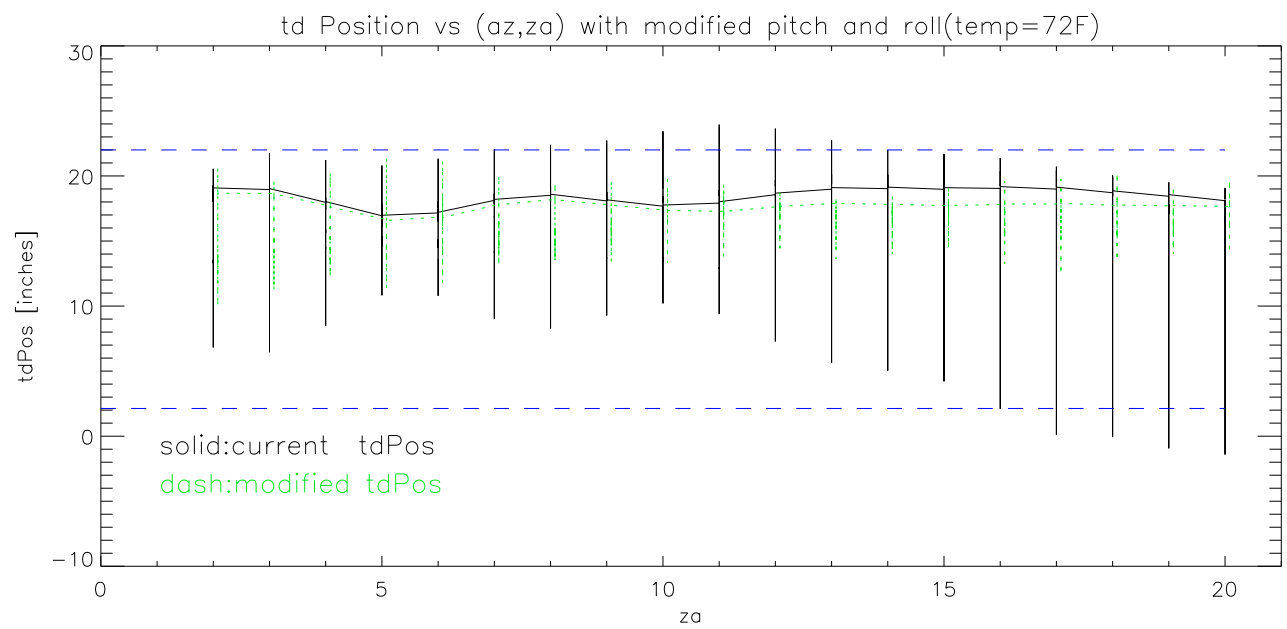
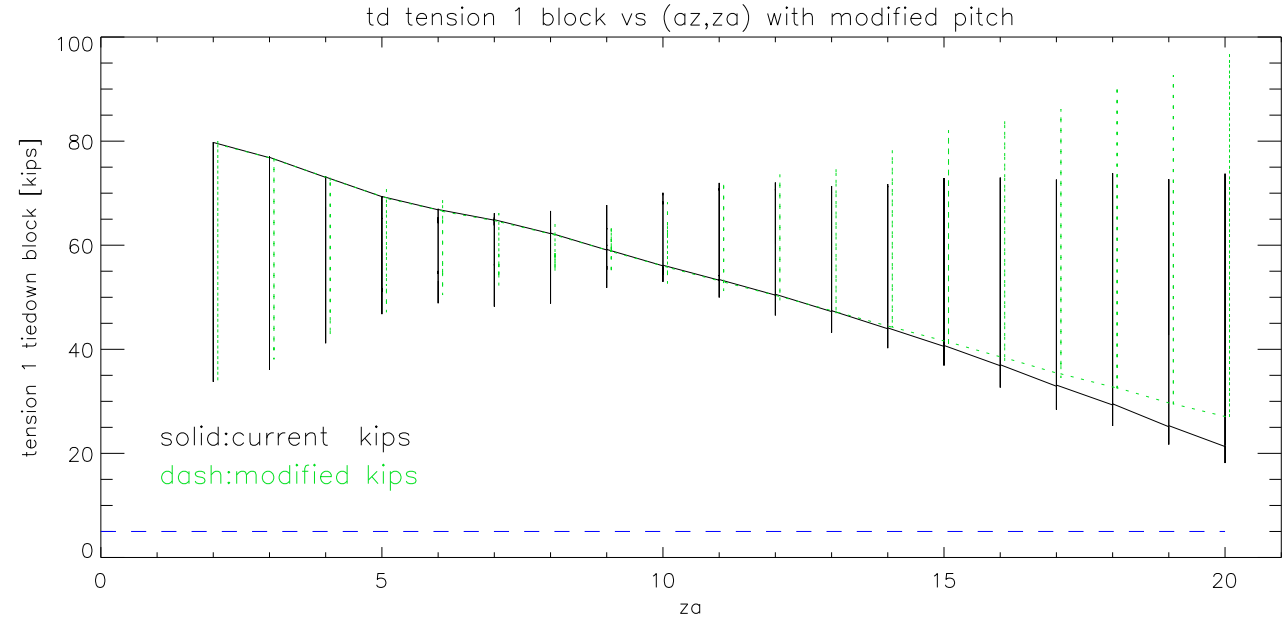
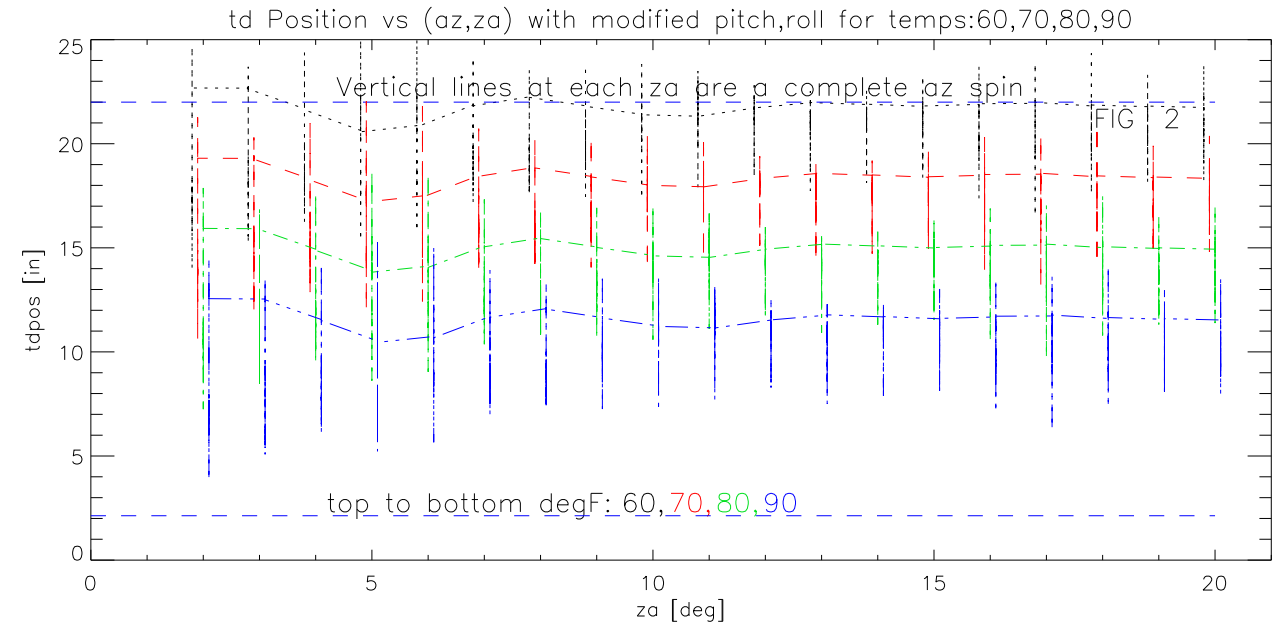
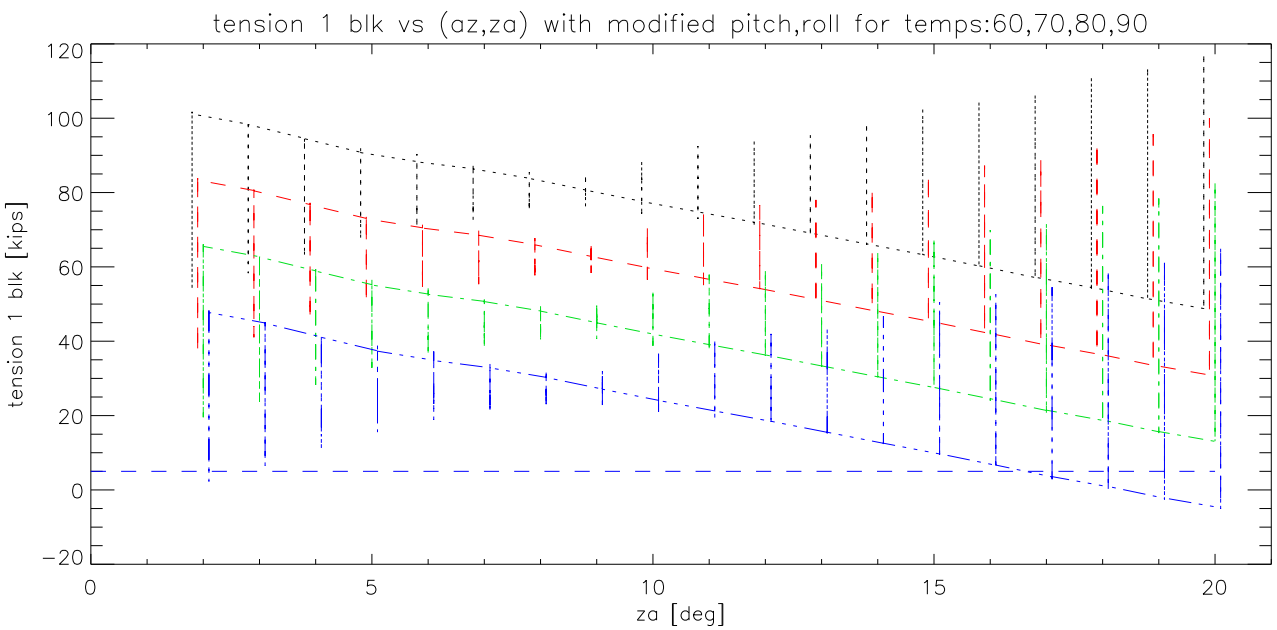
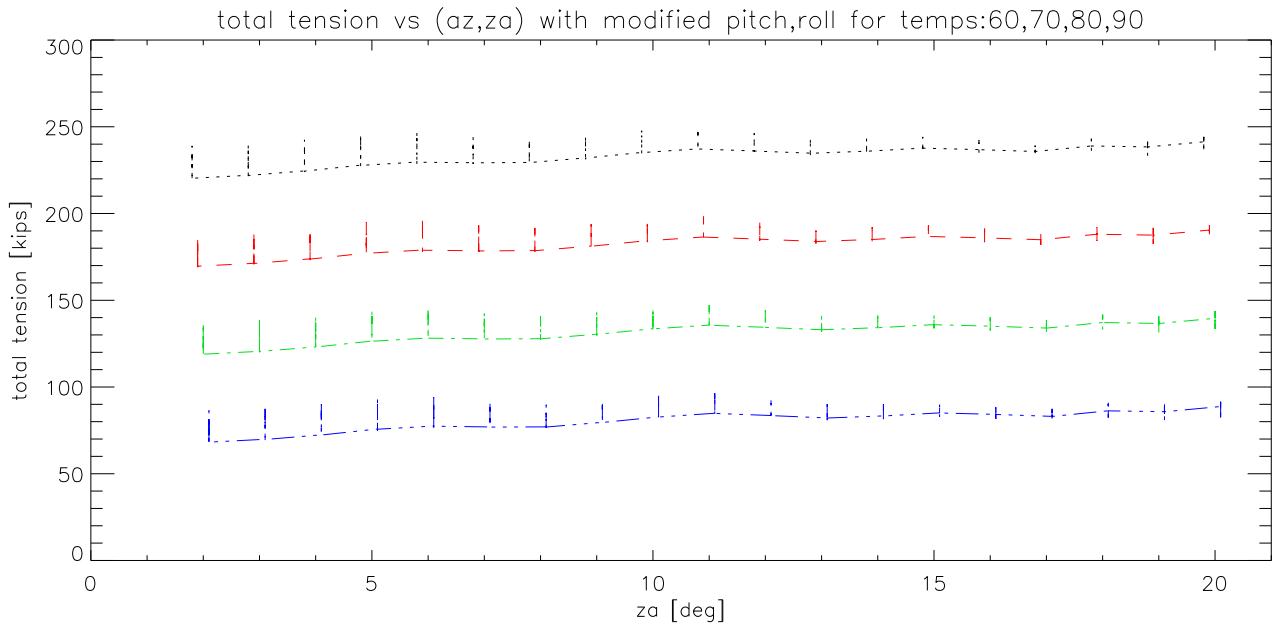

current and modified pitch,Roll vs (az,za). (mods P: 0.140 R: 0.120)
Vertical lines at each za are a complete az spin
FIG 1
pitch [deg]
0.2
0.1
0.0
−0.1
−0.2
solid:current pitch, roll
dash:modified pitch, roll
0
5
10
15
20
za


td Position vs (az,za) with modified pitch and roll(temp=72F)
tdPos [inches]
30
20
10
0
−10
solid:current tdPos
dash:modified tdPos
0
5
10
15
20
za


td tension 1 block vs (az,za) with modified pitch
tension 1 tiedown block [kips]
100
80
60
40
20
0
solid:current kips
dash:modified kips
0
5
10
15
20
za


td Position vs (az,za) with modified pitch,roll for temps:60,70,80,90
Vertical lines at each za are a complete az spin
FIG 2
top to bottom degF: 60,70,80,90
tdpos [in]
za [deg]


tension 1 blk vs (az,za) with modified pitch,roll for temps:60,70,80,90
tension 1 blk [kips]
za [deg]


total tension vs (az,za) with modified pitch,roll for temps:60,70,80,90
total tension [kips]
za [deg]