



## 2018-2017 LIMB DEFLECTION CHARTS

| 2018 MODEL      | INCHES | 20#                                     | 30# | 40#  | 50#   | 60#   | 70#   | 80# | 90# | 100# |  |
|-----------------|--------|---|-----|------|-------|-------|-------|-----|-----|------|--|
| REALM           | 10     |   |     |      | 87    | 104   | 119.5 |     |     |      |  |
| REALM X         | 10     |   |     |      | 91    | 106.5 | 122.5 |     |     |      |  |
| BT-MAG X        | 12     |   |     |      | 220   | 268   | 315.5 |     |     |      |  |
| REIGN 6         | 12     |   |     |      | 159.5 | 195   | 231   |     |     |      |  |
| REIGN 7         | 12     |   |     |      | 159.5 | 195   | 231   |     |     |      |  |
| BT-MAG          | 12     |   |     |      | 191   | 234.5 | 278.5 |     |     |      |  |
| FANATIC 3.0 32" | 13     |   |     | 122  | 156.5 | 191.5 | 225.5 |     |     |      |  |
| FANATIC 3.0 29" | 13     |   |     | 92.5 | 117.5 | 143.5 | 170.5 |     |     |      |  |
| EVA SHOCKEY SS  | 13     |   |     | 71.5 | 86.5  | 101.5 | 116.5 |     |     |      |  |
| CARBON ICON     | 13     |   |     |      | 84.5  | 98.5  | 112.5 |     |     |      |  |
| CARBON ROSE     | 13     |   |     | 73.5 | 89.5  | 105.5 |       |     |     |      |  |
| FUEL            | 12     | 14-70# Limb Type T30 ; 122.5 Deflection |     |      |       |       |       |     |     |      |  |
| 2017 MODEL      | INCHES | 20#                                     | 30# | 40#  | 50#   | 60#   | 70#   | 80# | 90# | 100# |  |
| REIGN 6         | 12     |   |     |      | 159.5 | 195   | 231   |     |     |      |  |
| REIGN 7         | 12     |   |     |      | 159.5 | 195   | 231   |     |     |      |  |
| BT-MAG          | 12     |   |     |      | 191   | 234.5 | 278.5 |     |     |      |  |
| BT-X 31"        | 12     |   |     |      | 195   | 240.5 | 284.5 |     |     |      |  |
| BT-X 28"        | 12     |   |     |      | 176   | 215.5 | 254   | 294 |     |      |  |
| FANATIC 3.0 32" | 13     |   |     | 122  | 156.5 | 191.5 | 225.5 |     |     |      |  |
| FANATIC 3.0 29" | 13     |   |     | 92.5 | 117.5 | 143.5 | 170.5 |     |     |      |  |
| PRODIGY         | 12     |   |     |      | 142.5 | 174.5 | 207.5 |     |     |      |  |
| BOSS            | 12     |   |     |      | 174.5 | 207.5 | 243.5 |     |     |      |  |
| EVA SHOCKEY SS  | 13     |   |     | 71.5 | 86.5  | 101.5 | 116.5 |     |     |      |  |
| CARBON ICON     | 13     |   |     |      | 84.5  | 98.5  | 112.5 |     |     |      |  |
| CARBON ROSE     | 13     |   |     | 73.5 | 89.5  | 105.5 |       |     |     |      |  |
| FUEL            | 12     | 14-70# Limb Type T30 ; 122.5 Deflection |     |      |       |       |       |     |     |      |  |



## 2016-2014 LIMB DEFLECTION CHARTS

| 2016 MODEL       | INCHES | 20#                                     | 30# | 40#  | 50#   | 60#   | 70#        | 80#   | 90# | 100# |  |
|------------------|--------|---|-----|------|-------|-------|------------|-------|-----|------|--|
| BT-X 31"         | 12     |   |     |      | 193   | 235   | 278.5      | 322.5 |     |      |  |
| BT-X 28"         | 12     |   |     |      | 171   | 207.5 | 246.5      | 284.5 |     |      |  |
| PRODIGY          | 12     |   |     |      | 142.5 | 174.5 | 207.5      |       |     |      |  |
| BOSS             | 12     |   |     |      | 174.5 | 207.5 | 243.5      |       |     |      |  |
| FANATIC 2.0 32"  | 13     |   |     | 122  | 156.5 | 191.5 | 225.5      |       |     |      |  |
| FANATIC 2.0 29"  | 13     |   |     | 92.5 | 117.5 | 143.5 | 170.5      |       |     |      |  |
| EVA SHOCKEY SS   | 13     |   |     | 71.5 | 86.5  | 101.5 | 116.5      |       |     |      |  |
| CARBON ICON      | 13     |   |     |      | 84.5  | 98.5  | 112.5      |       |     |      |  |
| CARBON ROSE      | 13     |   |     | 73.5 | 89.5  | 105.5 |            |       |     |      |  |
| FUEL             | 12     | 14-70# Limb Type T30 ; 122.5 Deflection |     |      |       |       |            |       |     |      |  |
| 2015 MODEL       | INCHES | 20#                                     | 30# | 40#  | 50#   | 60#   | 70#        | 80#   | 90# | 100# |  |
| PRODIGY          | 12     |   |     |      | 142.5 | 174.5 | 207.5      |       |     |      |  |
| BOSS             | 12     |   |     |      | 174.5 | 207.5 | 243.5      |       |     |      |  |
| FANATIC          | 13     |   |     | 108  | 137   | 166   | 195        |       |     |      |  |
| RPM 360          | 12     |   |     |      | 171   | 207.5 | 244        |       |     |      |  |
| CARBON OVERDRIVE | 12.375 |   |     |      | 93    | 109   | 126        |       |     |      |  |
| EVA SHOCKEY SS   | 13     |   |     | 71.5 | 86.5  | 101.5 | 116.5      |       |     |      |  |
| CARBON ICON      | 13     |   |     |      | 84.5  | 98.5  | 112.5      |       |     |      |  |
| CARBON ROSE      | 13     |   |     | 73.5 | 89.5  | 105.5 |            |       |     |      |  |
| FUEL             | 12     | 14-70# Limb Type T30 ; 122.5 Deflection |     |      |       |       |            |       |     |      |  |
| 2014 MODEL       | INCHES | 20#                                     | 30# | 40#  | 50#   | 60#   | 70#        | 80#   | 90# | 100# |  |
| RPM 360          | 12     |   |     |      | 171   | 207.5 | 244        |       |     |      |  |
| CARBON OVERDRIVE | 12.375 |   |     |      | 93    | 109   | 126        |       |     |      |  |
| EXPERIENCE       | 12     |   |     |      | 164   | 199.5 | 235        |       |     |      |  |
| INSANITY CPXL    | 12     |   |     |      | 167.5 | 204.5 | 243        | 278.5 |     |      |  |
| SPECIALIST       | 12     |   |     | 71   | 87    | 103   | 122 ABonly |       |     |      |  |
| CARBON KNIGHT    | 13     |   |     |      | 86    | 101.3 | 116.5      |       |     |      |  |
| CARBON ROSE      | 13     |   |     | 73.5 | 89.5  | 105.5 |            |       |     |      |  |
| FUEL             | 12     | 14-70# Limb Type T30 ; 122.5 Deflection |     |      |       |       |            |       |     |      |  |

\*Heavy limbs go on the cable roller side.



## 2013-2010 LIMB DEFLECTION CHARTS

| 2013 MODEL    | INCHES | 20# | 30# | 40#   | 50#   | 60#     | 70#        | 80#   | 90# | 100# |
|---------------|--------|-----|-----|-------|-------|---------|------------|-------|-----|------|
| EXPERIENCE    | 12     |     |     |       | 164   | 199.5   | 235        |       |     |      |
| INSANITY CPX  | 12     |     |     |       | 159   | 193     | 230.5      | 265   |     |      |
| INSANITY CPXL | 12     |     |     |       | 167.5 | 204.5   | 243        | 278.5 |     |      |
| SPECIALIST    | 12     |     |     | 71    | 87    | 103     | 122 ABonly |       |     |      |
| ASSASSIN      | 13     |     |     |       | 86    | 102     | 118        |       |     |      |
| HEARTBREAKER  | 13     |     |     | 81    | 100   | 118     |            |       |     |      |
| 2012 MODEL    | INCHES | 20# | 30# | 40#   | 50#   | 60#     | 70#        | 80#   | 90# | 100# |
| INSANITY CPX  | 12     |     |     |       | 159   | 193     | 230.5      | 265   |     |      |
| INSANITY CPXL | 12     |     |     |       | 167.5 | 204.5   | 243        | 278.5 |     |      |
| INVASION CPX  | 12     |     |     |       | 114   | 137.5   | 164        | 191   |     |      |
| SPECIALIST    | 12     |     |     | 71    | 87    | 103     | 122 ABonly |       |     |      |
| ASSASSIN      | 13     |     |     |       | 86    | 102     | 118        |       |     |      |
| ASSASSIN SD   | 13     |     |     | 81    | 100   | 118     |            |       |     |      |
| HEARTBREAKER  | 13     |     |     | 81    | 100   | 118     |            |       |     |      |
| 2011 MODEL    | INCHES | 20# | 30# | 40#   | 50#   | 60# 65# | 70#        | 80#   | 90# | 100# |
| INVASION CPX  | 12     |     |     |       | 114   | 137.5   | 164        | 191   |     |      |
| SPECIALIST    | 12     |     |     | 71    | 87    | 103     | 122 ABonly |       |     |      |
| DESTROYER 350 | 12     |     |     |       | 103   | 122 132 | 141.5      |       |     |      |
| DESTROYER 340 | 12     |     |     |       | 103   | 122 132 | 141.5      |       |     |      |
| ASSASSIN      | 13     |     |     |       | 86    | 102     | 118        |       |     |      |
| HEARTBREAKER  | 13     |     |     | 81    | 100   | 118     |            |       |     |      |
| SOLDIER       | 12     |     |     | 41    |       | 65      |            |       |     |      |
| 2010 MODEL    | INCHES | 20# | 30# | 40#   | 50#   | 60# 65# | 70#        | 80#   | 90# | 100# |
| DESTROYER 350 | 12     |     |     |       | 103   | 122 132 | 141.5      |       |     |      |
| DESTROYER 340 | 12     |     |     |       | 103   | 122 132 | 141.5      |       |     |      |
| ADMIRAL FLX   | 12     |     |     | 131   | 164.5 | 198     | 238        |       |     |      |
| CAPTAIN       | 12     |     |     |       | 173   | 209     | 242.5      |       |     |      |
| SENTINEL FLX  | 12     |     |     | 132.5 | 168.5 | 205.5   | 242        |       |     |      |
| BRIGADIER     | 12     |     |     | 85    | 106.5 | 128.5   | 152        |       |     |      |
| SWAT          | 13     |     |     |       | 83    | 102     | 121        |       |     |      |
| AIR RAID      | 12     |     |     |       |       | 110     | 127        |       |     |      |
| SNIPER        | 13     |     |     |       |       | 113     | 131        |       |     |      |
| SOLDIER       | 12     |     |     | 41    |       | 65      |            |       |     |      |



## 2009-2006 LIMB DEFLECTION CHARTS

| 2009 MODEL         | INCHES   | 20# | 30# | 40#   | 50#      | 60#      | 70#      | 80# | 90# | 100# |
|--------------------|----------|-----|-----|-------|----------|----------|----------|-----|-----|------|
| ADMIRAL            | 12       |     |     | 130   | 165      | 200      | 234      |     |     |      |
| CAPTAIN            | 12       |     |     |       | 173      | 209      | 242.5    |     |     |      |
| SENTINEL           | 12       |     |     | 132.5 | 168.5    | 205.5    | 242      |     |     |      |
| BRIGADIER          | 12       |     |     | 85    | 106.5    | 128.5    | 152      |     |     |      |
| 82 AIRBORNE        |          |     |     |       | 87       | 105      | 118      |     |     |      |
| AIR RAID           |          |     |     |       |          | 110      | 127      |     |     |      |
| SWAT               | 13       |     |     |       | 83       | 102      | 121      |     |     |      |
| SNIPER             | 13       |     |     |       |          | 113      | 131      |     |     |      |
| 2008 MODEL         | INCHES   | 20# | 30# | 40#   | 50#      | 60#      | 70#      | 80# | 90# | 100# |
| 82 AIRBORNE        | 12       |     |     |       | 87       | 105      | 118      |     |     |      |
| 101 AIRBORNE       | 13       |     |     |       | 65       | 77       | 86       |     |     |      |
| GENERAL            | 12/Split |     |     |       | 230/190* | 230/270* | 270/310* |     |     |      |
| GUARDIAN           | 12/Split |     |     |       | 139      | 172      | 205      |     |     |      |
| COMMANDER          | 12/Split |     |     |       | 214      | 264      | 316      |     |     |      |
| ALLEGIANCE         | 13       |     |     |       | 70       | 85       | 100      |     |     |      |
| EQUALIZER          | 13       |     | 44  | 64    | 79       | 100      |          |     |     |      |
| CONSTITUTION       | 13       |     |     | 73    | 92       | 113      | 132      |     |     |      |
| TOMKAT             | 14.5     |     |     |       | 53       | 64       | 76       |     |     |      |
| 2007 MODEL         | INCHES   | 20# | 30# | 40#   | 50#      | 60#      | 70#      | 80# | 90# | 100# |
| CONSTITUTION       | 13       |     |     | 73    | 92       | 113      | 132      |     |     |      |
| EQUALIZER          | 13       |     | 44  | 64    | 79       | 100      |          |     |     |      |
| TRIBUTE            | 13       |     |     |       | 83       | 94       | 113      | 128 | 144 | 165  |
| ALLEGIANCE         | 13       |     |     |       | 70       | 85       | 100      |     |     |      |
| TOMKAT             | 14.5     |     |     |       | 53       | 64       | 76       |     |     |      |
| GUARDIAN           | 12 SPLIT |     |     |       | 139      | 172      | 205      |     |     |      |
| COMMANDER          | 12 SPLIT |     |     |       | 142      | 176      | 208      |     |     |      |
| 2006 MODEL         | INCHES   | 20# | 30# | 40#   | 50#      | 60#      | 70#      | 80# | 90# | 100# |
| TRIBUTE            | 13       |     |     |       | 83       | 100      | 113      | 128 | 144 |      |
| ALLEGIANCE         | 13       |     |     |       | 75       | 87       | 100      |     |     |      |
| TOMKAT E           | 14.5     |     |     |       | 53       | 64       | 76       |     |     |      |
| EQUALIZER          | 13       |     | 47  | 62    | 83       | 100      |          |     |     |      |
| OLD GLORY          | 14.5     |     |     |       | 53       | 64       | 76       |     |     |      |
| CONSTITUTION       | 13       |     |     | 62    | 83       | 100      | 113      |     |     |      |
| PBR CF CKECK LIMBS | 13       |     |     |       | 62       | 75       | 87       |     |     |      |



## 2005-2004 LIMB DEFLECTION CHARTS

| 2005 MODEL      | INCHES | 20# | 30# | 40# | 50# | 60# | 70# | 80# | 90# | 100# |
|-----------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| ALLEGIANCE VFT  | 13     |     |     |     | 75  | 87  | 100 | 113 | 128 | 141  |
| BLACKKNIGHT     | 13     |     |     |     | 47  | 59  | 71  |     |     |      |
| CONSTITUTION    | 13     |     |     | 62  | 75  | 87  | 100 |     |     |      |
| DEFENDER VFT    | 13     |     |     |     | 62  | 75  | 87  |     |     |      |
| INDEPENDENCE    | 13     |     |     |     | 62  | 73  | 83  |     |     |      |
| JUSTICE VFT     | 13     |     |     |     | 62  | 75  | 87  |     |     |      |
| LIBERTY VFT     | 13     |     |     |     | 62  | 75  | 87  |     |     |      |
| MIGHTY MITE VFT | 13     |     |     |     | 59  | 71  | 83  |     |     |      |
| MIRANDA         | 14.5   |     |     | 42  | 53  | 64  |     |     |     |      |
| OLD GLORY       | 14.5   |     |     |     | 53  | 64  | 76  |     |     |      |
| PATRIOT VFT     | 13     |     |     |     | 59  | 73  | 83  |     |     |      |
| PBR CF          | 13     |     |     |     | 63  | 75  | 87  |     |     |      |
| RASCAL          | 12     | 27  | 41  | 56  |     |     |     |     |     |      |
| TOMKAT          | 14.5   |     |     |     | 48  | 60  | 70  |     |     |      |
| 2004 MODEL      | INCHES | 20# | 30# | 40# | 50# | 60# | 70# | 80# | 90# | 100# |
| BLACKHAWK       | 13.5   |     |     | 46  | 61  | 73  | 85  |     |     |      |
| BLACKHAWK 2     | 13     |     | 46  | 61  | 73  | 85  |     |     |     |      |
| BLACKKNIGHT     | 13     |     |     |     | 47  | 59  | 71  |     |     |      |
| EXTREME VFT S/C | 13.5   |     |     |     | 61  | 73  | 85  | 97  | 109 | 120  |
| JUSTICE VFT     | 13     |     |     |     | 62  | 75  | 87  | 100 |     |      |
| LADYHAWK        | 13.5   |     | 46  | 61  | 73  | 85  |     |     |     |      |
| LIBERTY VFT     | 13     |     |     |     | 62  | 75  | 87  | 100 |     |      |
| MIGHTY MITE VFT | 13     |     |     |     | 59  | 71  | 83  |     |     |      |
| PRO 40 (T) S/C  | 14.5   |     |     |     | 60  | 71  | 81  |     |     |      |
| PRO 40 (T) W/C  | 14.5   |     |     | 29  | 39  | 48  | 57  | 71  |     |      |
| PATRIOT VFT S/C | 13     |     |     |     | 59  | 73  | 85  | 97  |     |      |
| PATRIOT VFT D/C | 14.5   |     |     |     | 42  | 51  | 63  |     |     |      |
| SAMSON VFT      | 13 1/2 |     |     |     |     |     |     | 97  | 109 | 120  |
| TOMKAT          | 14.5   |     |     |     | 60  | 71  | 83  |     |     |      |
| RASCAL          | 12     | 25  | 41  | 56  |     |     |     |     |     |      |



## 2003-2002 LIMB DEFLECTION CHARTS

| 2003 MODEL              | INCHES | 20# | 30# | 40# | 50# | 60# | 70# | 80# | 90# | 100# |
|-------------------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| BLACKKNIGHT PRO (S) D/C | 13.5   |     |     |     | 48  | 61  | 73  | 85  | 97  | 109  |
| BLACKKNIGHT PRO (T) D/C | 13.5   |     |     |     | 48  | 61  | 73  | 85  | 97  | 109  |
| BLACKHAWK               | 13.5   |     |     | 48  | 61  | 73  | 85  |     |     |      |
| EXTREME VFT S/C         | 13.5   |     |     |     | 61  | 73  | 85  |     |     |      |
| GENERATION 3.2 S/C      | 13.5   |     |     |     | 61  | 73  | 85  |     |     |      |
| LADYHAWK                | 13.5   |     | 48  | 61  | 73  | 85  |     |     |     |      |
| MIGHTY MITE S/C         | 14.5   |     |     | 48  | 60  | 71  | 83  |     |     |      |
| PRO 40 (T) D/C          | 14.5   |     |     | 39  | 48  | 57  | 71  |     |     |      |
| PRO 40 (T) S/C          | 14.5   |     |     |     | 60  | 71  | 83  |     |     |      |
| PRO 40 (T) W/C          | 14.5   |     |     |     | 39  | 48  | 57  | 60  |     |      |
| PATRIOT S/C             | 13.5   |     |     | 61  | 73  | 85  | 97  |     |     |      |
| PATRIOT D/C             | 14.5   |     |     |     | 60  | 71  | 83  |     |     |      |
| PRO 38 (T) S/C          | 13.5   |     |     |     | 61  | 73  | 85  |     |     |      |
| RASCAL                  | 12     | 22  | 41  | 56  |     |     |     |     |     |      |
| SAMSON S/C              | 13.5   |     |     |     |     |     |     | 97  | 109 | 120  |
| STALKER S/C             | 14.5   |     |     | 29  | 39  | 48  | 57  |     |     |      |
| STALKER LITE            | 14.5   |     | 29  | 39  | 48  | 57  |     |     |     |      |
| TECH 29 S/C             | 13.5   |     |     |     | 61  | 73  | 85  |     |     |      |
| TOMKAT                  | 14.5   |     |     |     | 71  | 83  |     |     |     |      |
| 2002 MODEL              | INCHES | 20# | 30# | 40# | 50# | 60# | 70# | 80# | 90# | 100# |
| BLACKHAWK               | 13.5   |     |     |     |     | 73  | 85  |     |     |      |
| BLACKKNIGHT P 2         | 13.5   |     |     |     |     | 61  | 73  |     |     |      |
| EXTREME SOLO            | 15.5   |     |     |     |     | 49  | 58  |     |     |      |
| EXTREME SD              | 14.5   |     |     | 29  | 39  | 48  | 57  |     |     |      |
| GENERATION 3.2          | 13.5   |     |     |     | 61  | 73  | 85  |     |     |      |
| MIGHTY MITE             | 14.5   |     |     | 48  | 60  | 71  | 83  |     |     |      |
| PRO 38                  | 13.5   |     |     |     | 61  | 73  | 85  |     |     |      |
| PRO 40                  | 14.5   |     |     |     | 60  | 71  | 83  |     |     |      |
| PATRIOT                 | 13.5   |     |     | 61  | 73  | 85  | 97  |     |     |      |
| RASCAL                  | 12     | 22  | 41  | 56  |     |     |     |     |     |      |
| SAMSON                  | 15.5   |     |     |     |     |     |     | 66  | 77  | 88   |
| STALKER                 | 14.5   |     |     | 29  | 39  | 48  | 57  |     |     |      |
| STALKERLITE             | 14.5   |     | 29  | 39  | 48  | 57  |     |     |     |      |
| TECH 29                 | 13.5   |     |     |     | 61  | 73  | 85  |     |     |      |
| TOMKAT                  | 14.5   |     |     |     |     | 71  | 83  |     |     |      |



## 2001-2000 LIMB DEFLECTION CHARTS

| 2001 MODEL      | INCHES | 20# | 30# | 40# | 50# | 60# | 70# | 80# | 90# | 100# |
|-----------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| BLACKKNIGHT P 2 | 15.5   |     |     |     |     | 37  | 43  |     |     |      |
| EXTREME SOLO    | 15.5   |     |     |     |     | 49  | 58  |     |     |      |
| EXTREME SD      | 14.5   |     |     | 31  | 41  | 48  | 57  |     |     |      |
| GENERATION 3    | 15.5   |     |     |     |     | 49  | 58  |     |     |      |
| MIGHTY MITE 7   | 14.5   |     |     |     |     | 71  | 84  |     |     |      |
| PRO 38          | 13.5   |     |     |     | 62  | 73  | 84  |     |     |      |
| PRO 40          | 14.5   |     |     |     | 62  | 71  | 84  |     |     |      |
| STALKER         | 14.5   |     |     |     |     | 48  | 57  |     |     |      |
| TECH 29         | 13.5   |     |     |     |     | 73  | 84  |     |     |      |
| 2000 MODEL      | INCHES | 20# | 30# | 40# | 50# | 60# | 70# | 80# | 90# | 100# |
| BLACKKNIGHT P 2 | 15.5   |     |     |     | 31  | 37  | 43  |     |     |      |
| EXTREME SOLO    | 15.5   |     |     |     | 43  | 49  | 58  |     |     |      |
| EXTREME SD      | 14.5   |     |     | 31  | 41  | 50  | 57  |     |     |      |
| GENERATION 3    | 15.5   |     |     |     | 43  | 49  | 58  |     |     |      |
| MIGHTY MITE 8   | 15.5   |     |     |     | 58  | 66  | 76  |     |     |      |
| MIGHTY MITE 7   | 14.5   |     |     |     | 66  | 74  | 86  |     |     |      |
| STALKER         | 14.5   |     |     |     |     | 50  | 57  |     |     |      |