

Texas High School Gymnastics Coaches Association

2018-2020 Optional Vault Values

Difficulty Value = FIG based formula as listed Exercise Presentation Value = 6.0 Stick Bonus = +0.1

EG I: Forward Handspring Style Vaults

Front Handspring	8.1
Front Handspring 1/2	8.4
Front Handspring 1/1	8.7
Front Handspring 3/2	9.0
Front Handspring 2/1	9.3
Front Handspring 5/2	9.6
Handspring, Tuck Front	9.3
Handspring, Tuck Front 1/2	9.6
Handspring, Tuck Front 1/1 or more	9.9
Handspring, Pike Front	9.6
Handspring, Pike Front 1/2 or more	9.9
Handspring, Stretch Front	9.9

FIG - THSGCA Conversion Formula

FIG 1.6	=	2.1 THSGCA
FIG 1.8	=	2.4 THSGCA
FIG 2.0	=	2.7 THSGCA
FIG 2.2	=	3.0 THSGCA
FIG 2.4	=	3.3 THSGCA
FIG 2.6/2.8	=	3.6 THSGCA
FIG 3.0+	=	3.9 THSGCA

* Tsukahara and Yurchenko Stretch are the only two exceptions to the above listed FIG formula.

** Unlisted vaults (including EG IV/V vaults) revert to formula values.

EG II: Handspring with 1/4 or 1/2 Turn in 1st Flight Stage Style Vaults

1/4 Turn On, 1/4 Off	8.1
1/4 Turn On, 3/4 Off	8.4
1/4 Turn On, 5/4 Off	8.7
1/4 Turn On, 1/4 Off to Tuck Front	9.3
1/4 Turn On, 1/4 Off to Pike Front	9.6
1/4 Turn On, 1/4 Off to Stretch Front	9.9
Tsukahara Tuck	9.0
Tsukahara Tuck 1/2	9.3
Tsukahara Tuck 1/1 (or Kasamatsu)	9.6
Tsukahara Tuck 3/2 or more	9.9
Tsukahara Pike	9.3
Tsukahara Stretch *	9.6
Tsukahara Stretch 1/2 or more	9.9

* Tsukahara Stretch is an exception to FIG formula

EG III: Round-off Entry (Yurchenko) Style Vaults

Round off, Handspring	8.1
Round off, Handspring 1/2	8.4
Round off, Handspring 1/1	8.7
Yurchenko Tuck	9.0
Yurchenko Tuck 1/2	9.3
Yurchenko Tuck 1/1	9.6
Yurchenko Tuck 3/2 or more	9.9
Yurchenko Pike	9.3
Yurchenko Stretch *	9.6
Yurchenko Stretch 1/2 or more	9.9

* Yurchenko Stretch is an exception to FIG formula