

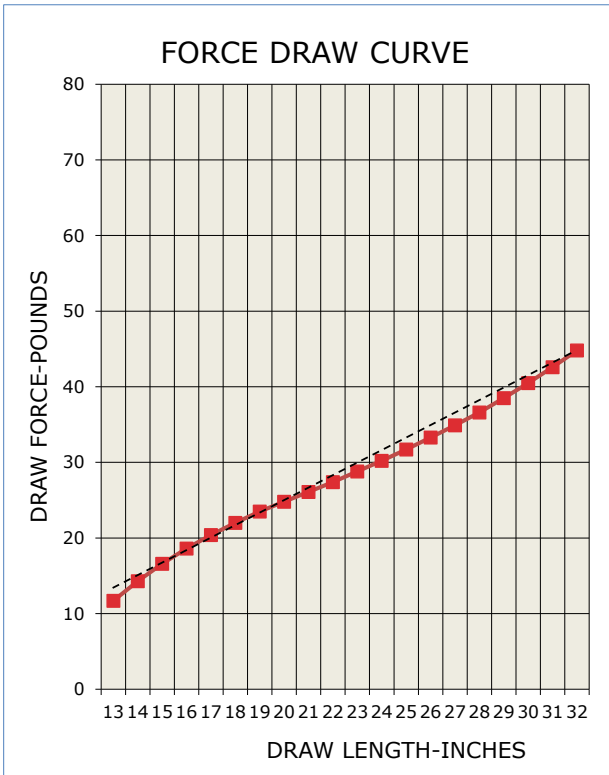
ILF Riser	21"	64" Bow
3k Carbon Limbs	35 lbs	Medium



Model:

Bow Length:	64	INCHES
String Length:	62	INCHES (actual)
String Type:	D97	ENDLESS
String Strands:	16	
Brace Height:	8.00	INCHES
Draw Length:	31	INCHES
Arrow Weight:	462	GRAINS
Arrow Speed:	179.0	FPS

Draw Length Inches	Draw Force lbs	Change Per Inch
13	11.7	
14	14.3	2.60
15	16.6	2.30
16	18.6	2.00
17	20.4	1.80
18	22	1.60
19	23.5	1.50
20	24.8	1.30
21	26.1	1.30
22	27.4	1.30
23	28.8	1.40
24	30.2	1.40
25	31.7	1.50
26	33.3	1.60
27	34.9	1.60
28	36.6	1.70
29	38.5	1.90
30	40.5	2.00
31	42.6	2.10
32	44.8	2.20



Peak Draw Force:	44.80	LB
Stored Energy:	47.28	FT.LB
Arrow Kinetic Energy	32.88	FT.LB
Dynamic Efficiency	69.55	%

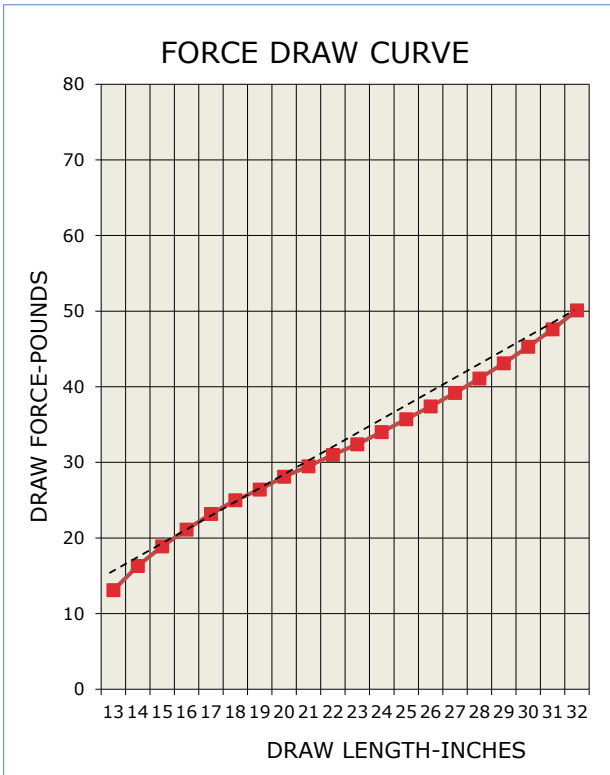
ILF Riser	21"	64" Bow
3k Carbon Limbs	40 lbs	Medium



Model:

Bow Length:	64	INCHES
String Length:	62	INCHES (actual)
String Type:	D97	ENDLESS
String Strands:	16	
Brace Height:	8.00	INCHES
Draw Length:	31	INCHES
Arrow Weight:	462	GRAINS
Arrow Speed:	186.0	FPS

Draw Length Inches	Draw Force lbs	Change Per Inch
13	13.1	
14	16.3	3.20
15	18.9	2.60
16	21.1	2.20
17	23.2	2.10
18	25	1.80
19	26.4	1.40
20	28.1	1.70
21	29.5	1.40
22	31	1.50
23	32.4	1.40
24	34	1.60
25	35.7	1.70
26	37.4	1.70
27	39.2	1.80
28	41.1	1.90
29	43.1	2.00
30	45.3	2.20
31	47.6	2.30
32	50.1	2.50



Peak Draw Force:	50.10	LB
Stored Energy:	53.21	FT.LB
Arrow Kinetic Energy	35.50	FT.LB
Dynamic Efficiency	66.72	%

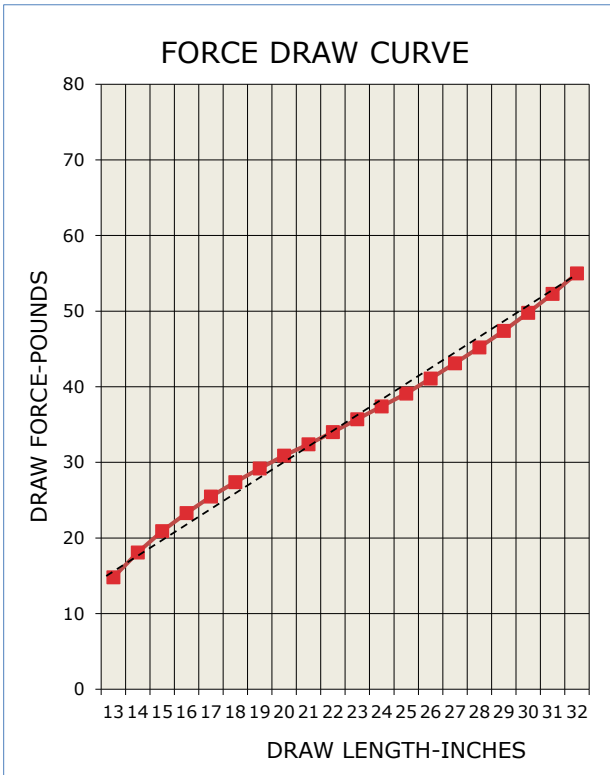
ILF Riser	21"	64" Bow
3k Carbon Limbs	45 lbs	Medium



Model:

Bow Length:	64	INCHES
String Length:	62	INCHES (actual)
String Type:	D97	ENDLESS
String Strands:	16	
Brace Height:	8.00	INCHES
Draw Length:	31	INCHES
Arrow Weight:	462	GRAINS
Arrow Speed:	194.0	FPS

Draw Length Inches	Draw Force lbs	Change Per Inch
13	14.8	
14	18.1	3.30
15	20.9	2.80
16	23.3	2.40
17	25.5	2.20
18	27.4	1.90
19	29.2	1.80
20	30.9	1.70
21	32.4	1.50
22	34	1.60
23	35.7	1.70
24	37.4	1.70
25	39.1	1.70
26	41.1	2.00
27	43.1	2.00
28	45.2	2.10
29	47.4	2.20
30	49.8	2.40
31	52.3	2.50
32	55	2.70



Peak Draw Force:	55.00	LB
Stored Energy:	58.55	FT.LB
Arrow Kinetic Energy	38.62	FT.LB
Dynamic Efficiency	65.96	%

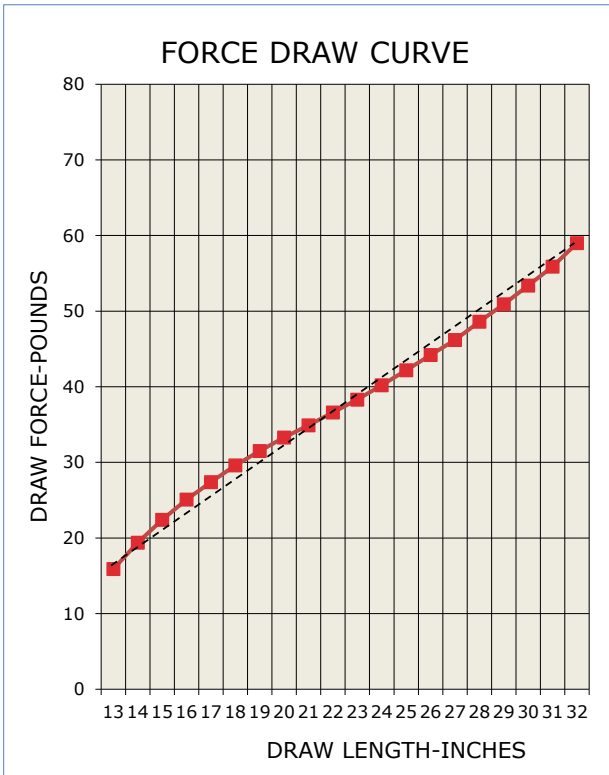
ILF Riser	21"	64" Bow
3k Carbon Limbs	50 lbs	Medium



Model:

Bow Length:	64	INCHES
String Length:	62	INCHES (actual)
String Type:	D97	ENDLESS
String Strands:	16	
Brace Height:	8.00	INCHES
Draw Length:	31	INCHES
Arrow Weight:	462	GRAINS
Arrow Speed:	199.0	FPS

Draw Length Inches	Draw Force lbs	Change Per Inch
13	15.9	
14	19.4	3.50
15	22.4	3.00
16	25.1	2.70
17	27.4	2.30
18	29.6	2.20
19	31.5	1.90
20	33.3	1.80
21	34.9	1.60
22	36.6	1.70
23	38.3	1.70
24	40.2	1.90
25	42.2	2.00
26	44.2	2.00
27	46.2	2.00
28	48.6	2.40
29	50.9	2.30
30	53.4	2.50
31	55.9	2.50
32	59	3.10



Peak Draw Force:	59.00	LB
Stored Energy:	62.92	FT.LB
Arrow Kinetic Energy	40.64	FT.LB
Dynamic Efficiency	64.59	%

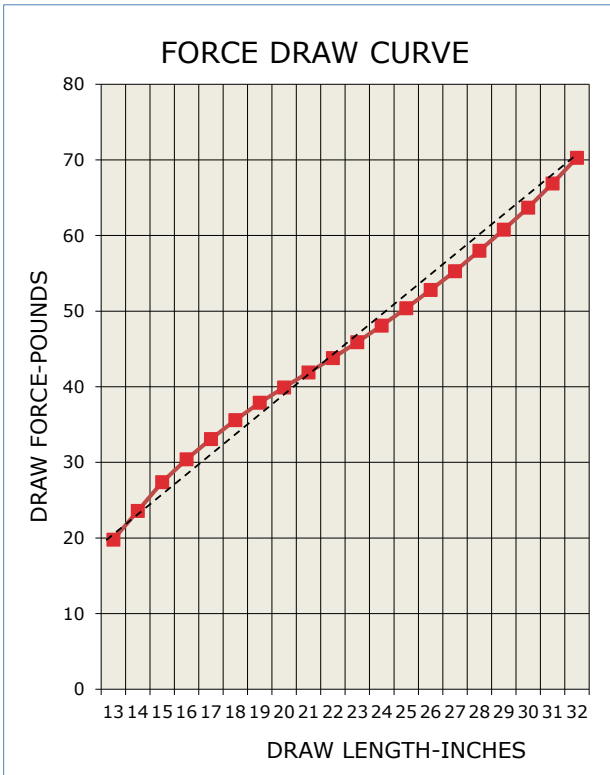
ILF Riser	21"	64" Bow
3k Carbon Limbs	55 lbs	Medium



Model:

Bow Length:	64	INCHES
String Length:	62	INCHES (actual)
String Type:	D97	ENDLESS
String Strands:	16	
Brace Height:	8.00	INCHES
Draw Length:	31	INCHES
Arrow Weight:	462	GRAINS
Arrow Speed:	208.0	FPS

Draw Length Inches	Draw Force lbs	Change Per Inch
13	19.8	
14	23.6	3.80
15	27.4	3.80
16	30.4	3.00
17	33.1	2.70
18	35.6	2.50
19	37.9	2.30
20	39.9	2.00
21	41.9	2.00
22	43.8	1.90
23	45.9	2.10
24	48.1	2.20
25	50.4	2.30
26	52.8	2.40
27	55.3	2.50
28	58	2.70
29	60.8	2.80
30	63.7	2.90
31	66.9	3.20
32	70.3	3.40



Peak Draw Force:	70.30	LB
Stored Energy:	75.47	FT.LB
Arrow Kinetic Energy	44.39	FT.LB
Dynamic Efficiency	58.83	%

Note: To get the arrow speed I shot it myself through the chronograph, to draw a 55lbs bow to 31" is about 65 lbs, I am not sure if I came to full draw or how accurate I was with the reading on the chronograph,

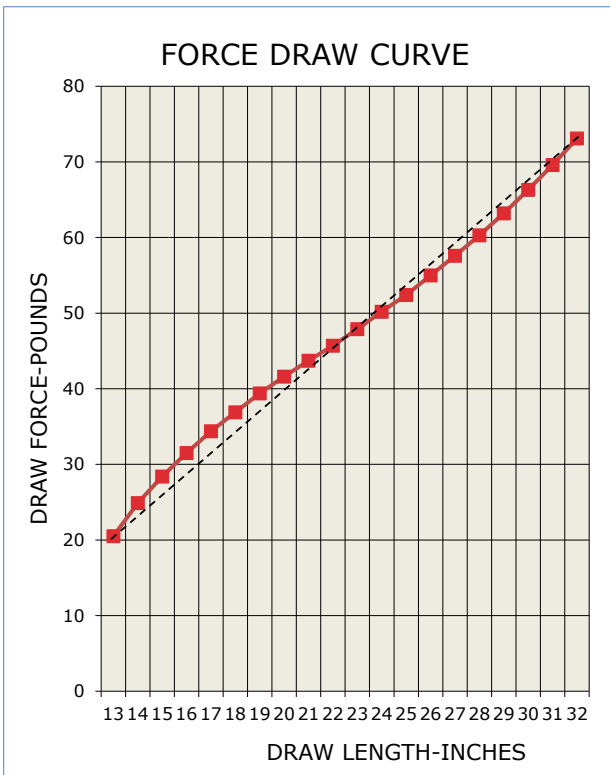
ILF Riser	21"	64" Bow
3k Carbon Limbs	60 lbs	Medium



Model:

Bow Length:	64	INCHES
String Length:	62	INCHES (actual)
String Type:	D97	ENDLESS
String Strands:	16	
Brace Height:	8.00	INCHES
Draw Length:	31	INCHES
Arrow Weight:	462	GRAINS
Arrow Speed:	212.0	FPS

Draw Length Inches	Draw Force lbs	Change Per Inch
13	20.5	
14	24.9	4.40
15	28.4	3.50
16	31.5	3.10
17	34.4	2.90
18	36.9	2.50
19	39.4	2.50
20	41.6	2.20
21	43.7	2.10
22	45.7	2.00
23	47.9	2.20
24	50.2	2.30
25	52.4	2.20
26	55	2.60
27	57.6	2.60
28	60.3	2.70
29	63.2	2.90
30	66.3	3.10
31	69.6	3.30
32	73.1	3.50



Peak Draw Force:	73.10	LB
Stored Energy:	78.55	FT.LB
Arrow Kinetic Energy	46.12	FT.LB
Dynamic Efficiency	58.71	%

Note: To get the arrow speed I shot it myself through the chronograph, to draw a 55lbs bow to 31" is about 69 lbs, I am not sure if I came to full draw or how accurate I was with the reading on the chronograph,

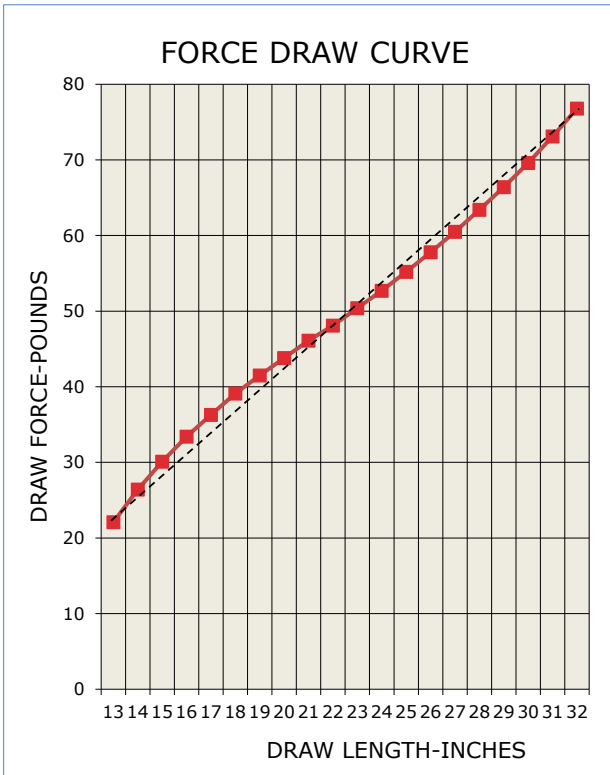
ILF Riser	21"	64" Bow
3k Carbon Limbs	65 lbs	Medium



Model:

Bow Length:	64	INCHES
String Length:	62	INCHES (actual)
String Type:	D97	ENDLESS
String Strands:	16	
Brace Height:	8.00	INCHES
Draw Length:	31	INCHES
Arrow Weight:	462	GRAINS
Arrow Speed:	214.0	FPS

Draw Length Inches	Draw Force lbs	Change Per Inch
13	22.1	
14	26.4	4.30
15	30.1	3.70
16	33.4	3.30
17	36.3	2.90
18	39.1	2.80
19	41.5	2.40
20	43.8	2.30
21	46.1	2.30
22	48.1	2.00
23	50.4	2.30
24	52.7	2.30
25	55.2	2.50
26	57.8	2.60
27	60.5	2.70
28	63.4	2.90
29	66.4	3.00
30	69.6	3.20
31	73.1	3.50
32	76.8	3.70



Peak Draw Force:	76.80	LB
Stored Energy:	82.73	FT.LB
Arrow Kinetic Energy	46.99	FT.LB
Dynamic Efficiency	56.80	%

Note: To get the arrow speed I shot it myself through the chronograph, to draw a 55lbs bow to 31" is about 71 lbs, I am not sure if I came to full draw or how accurate I was with the reading on the chronograph,

Riser	Limbs 1	Limbs 2	Limbs 3	Limbs 4	Limbs 5	Limbs 6	Limbs 7
21	35	40	45	50	55	60	65
13	11.7	13.1	14.8	15.9	19.8	20.5	22.1
14	14.3	16.3	18.1	19.4	23.6	24.9	26.4
15	16.6	18.9	20.9	22.4	27.4	28.4	30.1
16	18.6	21.1	23.3	25.1	30.4	31.5	33.4
17	20.4	23.2	25.5	27.4	33.1	34.4	36.3
18	22	25	27.4	29.6	35.6	36.9	39.1
19	23.5	26.4	29.2	31.5	37.9	39.4	41.5
20	24.8	28.1	30.9	33.3	39.9	41.6	43.8
21	26.1	29.5	32.4	34.9	41.9	43.7	46.1
22	27.4	31	34	36.6	43.8	45.7	48.1
23	28.8	32.4	35.7	38.3	45.9	47.9	50.4
24	30.2	34	37.4	40.2	48.1	50.2	52.7
25	31.7	35.7	39.1	42.2	50.4	52.4	55.2
26	33.3	37.4	41.1	44.2	52.8	55	57.8
27	34.9	39.2	43.1	46.2	55.3	57.6	60.5
28	36.6	41.1	45.2	48.6	58	60.3	63.4
29	38.5	43.1	47.4	50.9	60.8	63.2	66.4
30	40.5	45.3	49.8	53.4	63.7	66.3	69.6
31	42.6	47.6	52.3	55.9	66.9	69.6	73.1
32	44.8	50.1	55	59	70.3	73.1	76.8

