

A450-1way

Face Velocity		300	400	500	600	700	800	1200	1400	1600	1800	2000	2200	2400	2600
8X4	CFM	45	60	75	90	105	120	180	210	240	270	300	330	360	390
Ak .15	Throw	8.9	11.6	14.2	16.8	19.5	22.1	32.7	38.0	43.2	48.5	53.8	59.1	64.4	69.6
6X6	CFM	51	68	85	102	119	136	204	238	272	306	340	374	408	442
Ak .17	Throw	8.3	10.6	12.9	15.2	17.5	19.7	28.9	33.4	38.0	42.5	47.1	51.7	56.2	60.8
10X4	CFM	57	76	95	114	133	152	228	266	304	342	380	418	456	494
Ak .19	Throw	7.6	9.7	11.7	13.7	15.8	17.8	26.0	30.1	34.1	38.2	42.3	46.4	50.5	54.5
8X6	CFM	69	92	115	138	161	184	276	322	368	414	460	506	552	598
Ak .23	Throw	6.9	8.7	10.6	12.4	14.3	16.2	23.6	27.3	31.0	34.7	38.4	42.1	45.9	49.6
14X4	CFM	78	104	130	156	182	208	312	364	416	468	520	572	624	676
Ak .26	Throw	6.4	7.6	8.8	10.1	11.3	12.5	17.4	19.8	22.3	24.7	27.2	29.6	32.0	34.5
10X6	CFM	84	112	140	168	196	224	336	392	448	504	560	616	672	728
Ak .28	Throw	5.0	6.0	7.1	8.1	9.1	10.1	14.2	16.3	18.3	20.4	22.4	24.5	26.5	28.6
8X8	CFM	90	120	150	180	210	240	360	420	480	540	600	660	720	780
Ak .3	Throw	6.8	8.1	9.4	10.7	12.0	13.3	18.5	21.2	23.8	26.4	29.0	31.6	34.2	36.8

A450-2way

Face Velocity		300	400	500	600	700	800	1200	1400	1600	1800	2000	2200	2400	2600
8X4	CFM	45	60	75	90	105	120	180	210	240	270	300	330	360	390
Ak .15	Throw	6.6	8.6	10.5	12.5	14.4	16.4	24.2	28.1	32.0	35.9	39.8	43.7	47.6	51.5
6X6	CFM	51	68	85	102	119	136	204	238	272	306	340	374	408	442
Ak .17	Throw	6.1	8.2	10.3	12.4	14.5	16.6	25.0	29.2	33.4	37.6	41.8	46.0	50.2	54.4
10X4	CFM	57	76	95	114	133	152	228	266	304	342	380	418	456	494
Ak .19	Throw	6.3	8.4	10.5	12.6	14.7	16.8	25.2	29.4	33.6	37.8	42.0	46.2	50.4	54.6
8X6	CFM	69	92	115	138	161	184	276	322	368	414	460	506	552	598
Ak .23	Throw	5.4	7.0	8.6	10.2	11.8	13.4	19.7	22.9	26.1	29.3	32.5	35.7	38.9	42.1
14X4	CFM	78	104	130	156	182	208	312	364	416	468	520	572	624	676
Ak .26	Throw	5.1	6.2	7.4	8.5	9.6	10.8	15.3	17.6	19.8	22.1	24.4	26.6	28.9	31.2
10X6	CFM	84	112	140	168	196	224	336	392	448	504	560	616	672	728
Ak .28	Throw	4.3	5.2	6.0	6.9	7.8	8.6	12.1	13.9	15.6	17.4	19.1	20.9	22.6	24.3
8X8	CFM	90	120	150	180	210	240	360	420	480	540	600	660	720	780
Ak .3	Throw	4.6	5.8	7.0	8.3	9.5	10.7	15.7	18.1	20.6	23.0	25.5	28.0	30.4	32.9

A450-1way

Face Velocity		300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
12X6	CFM	59.1	78.8	98.5	118.2	137.9	157.6	177.3	197	216.7	236.4	256.1	275.8	295.5	315.2
Ak .197	Throw	5.3	7.0	8.8	10.6	12.4	14.1	15.9	17.7	19.5	21.2	23.0	24.8	26.6	28.3
10X8	CFM	64.8	86.4	108	129.6	151.2	172.8	194.4	216	237.6	259.2	280.8	302.4	324	345.6
Ak .216	Throw	4.9	6.3	7.6	9.0	10.3	11.6	13.0	14.3	15.7	17.0	18.3	19.7	21.0	22.4
14X6	CFM	69.3	92.4	115.5	138.6	161.7	184.8	207.9	231	254.1	277.2	300.3	323.4	346.5	369.6
Ak .231	Throw	5.8	7.4	9.1	10.8	12.5	14.2	15.8	17.5	19.2	20.9	22.6	24.3	25.9	27.6
12X8	CFM	80.1	106.8	133.5	160.2	186.9	213.6	240.3	267	293.7	320.4	347.1	373.8	400.5	427.2
Ak .267	Throw	4.9	6.6	8.3	10.0	11.7	13.4	15.1	16.8	18.6	20.3	22.0	23.7	25.4	27.1
10X10	CFM	85.2	113.6	142	170.4	198.8	227.2	255.6	284	312.4	340.8	369.2	397.6	426	454.4
Ak .284	Throw	4.3	5.6	7.0	8.3	9.6	10.9	12.2	13.5	14.8	16.1	17.5	18.8	20.1	21.4
14X8	CFM	94.5	126	157.5	189	220.5	252	283.5	315	346.5	378	409.5	441	472.5	504
Ak .315	Throw	8.3	9.4	10.5	11.7	12.8	13.9	15.0	16.2	17.3	18.4	19.5	20.6	21.8	22.9
12X12	CFM	125.1	166.8	208.5	250.2	291.9	333.6	375.3	417	458.7	500.4	542.1	583.8	625.5	667.2
Ak .417	Throw	6.4	7.3	8.1	9.0	9.8	10.7	11.6	12.4	13.3	14.2	15.0	15.9	16.8	17.6
14X14	CFM	166.5	222	277.5	333	388.5	444	499.5	555	610.5	666	721.5	777	832.5	888
Ak .555	Throw	7.5	8.0	8.6	9.2	9.7	10.3	10.8	11.4	11.9	12.5	13.0	13.6	14.2	14.7

A450-2way

Face Velocity		300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
12X6	CFM	59.1	78.8	98.5	118.2	137.9	157.6	177.3	197	216.7	236.4	256.1	275.8	295.5	315.2
Ak .197	Throw	4.4	6.0	7.5	9.1	10.7	12.3	13.9	15.4	17.0	18.6	20.2	21.7	23.3	24.9
10X8	CFM	64.8	86.4	108	129.6	151.2	172.8	194.4	216	237.6	259.2	280.8	302.4	324	345.6
Ak .216	Throw	4.2	5.3	6.4	7.5	8.6	9.7	10.8	11.9	13.0	14.1	15.2	16.3	17.4	18.5
14X6	CFM	69.3	92.4	115.5	138.6	161.7	184.8	207.9	231	254.1	277.2	300.3	323.4	346.5	369.6
Ak .231	Throw	5.2	6.8	8.3	9.9	11.5	13.0	14.6	16.2	17.7	19.3	20.9	22.4	24.0	25.5
12X8	CFM	80.1	106.8	133.5	160.2	186.9	213.6	240.3	267	293.7	320.4	347.1	373.8	400.5	427.2
Ak .267	Throw	3.0	4.5	5.9	7.3	8.8	10.2	11.6	13.1	14.5	16.0	17.4	18.8	20.3	21.7
10X10	CFM	85.2	113.6	142	170.4	198.8	227.2	255.6	284	312.4	340.8	369.2	397.6	426	454.4
Ak .284	Throw	3.5	4.8	6.1	7.4	8.6	9.9	11.2	12.5	13.8	15.1	16.4	17.7	19.0	20.3
14X8	CFM	94.5	126	157.5	189	220.5	252	283.5	315	346.5	378	409.5	441	472.5	504
Ak .315	Throw	6.6	7.7	8.8	9.9	11.0	12.1	13.2	14.3	15.4	16.5	17.6	18.7	19.8	20.9
12X12	CFM	125.1	166.8	208.5	250.2	291.9	333.6	375.3	417	458.7	500.4	542.1	583.8	625.5	667.2
Ak .417	Throw	6.5	7.3	8.1	8.9	9.7	10.5	11.3	12.1	12.9	13.7	14.5	15.3	16.1	16.9

A450-3way

Face Velocity		300	400	500	600	700	800	1200	1400	1600	1800	2000	2200	2400	2600
8X4	CFM	45	60	75	90	105	120	180	210	240	270	300	330	360	390
Ak .15	Throw	5.4	7.0	8.6	10.2	11.8	13.5	19.9	23.2	26.4	29.7	32.9	36.1	39.4	42.6
6X6	CFM	51	68	85	102	119	136	204	238	272	306	340	374	408	442
Ak .17	Throw	4.5	5.9	7.3	8.7	10.1	11.5	17.2	20.0	22.8	25.6	28.5	31.3	34.1	36.9
10X4	CFM	57	76	95	114	133	152	228	266	304	342	380	418	456	494
Ak .19	Throw	4.7	6.1	7.6	9.0	10.4	11.8	17.4	20.2	23.1	25.9	28.7	31.5	34.3	37.2
8X6	CFM	69	92	115	138	161	184	276	322	368	414	460	506	552	598
Ak .23	Throw	4.3	5.6	6.9	8.2	9.4	10.7	15.9	18.4	21.0	23.6	26.1	28.7	31.3	33.9
14X4	CFM	78	104	130	156	182	208	312	364	416	468	520	572	624	676
Ak .26	Throw	3.5	4.5	5.4	6.4	7.4	8.3	12.1	14.1	16.0	17.9	19.8	21.7	23.6	25.5
10X6	CFM	84	112	140	168	196	224	336	392	448	504	560	616	672	728
Ak .28	Throw	3.9	4.7	5.4	6.2	7.0	7.8	10.9	12.4	14.0	15.5	17.1	18.6	20.2	21.7
8X8	CFM	90	120	150	180	210	240	360	420	480	540	600	660	720	780
Ak .3	Throw	2.5	3.4	4.3	5.2	6.1	7.0	10.5	12.3	14.0	15.8	17.6	19.3	21.1	22.9

A450-4way

Face Velocity		300	400	500	600	700	800	1200	1400	1600	1800	2000	2200	2400	2600
8X4	CFM	45	60	75	90	105	120	180	210	240	270	300	330	360	390
Ak .15	Throw	5.3	6.9	8.4	9.9	11.5	13.0	19.1	22.2	25.2	28.3	31.4	34.4	37.5	40.5
6X6	CFM	51	68	85	102	119	136	204	238	272	306	340	374	408	442
Ak .17	Throw	4.5	5.8	7.1	8.4	9.7	11.1	16.3	19.0	21.6	24.3	26.9	29.5	32.2	34.8
10X4	CFM	57	76	95	114	133	152	228	266	304	342	380	418	456	494
Ak .19	Throw	4.7	6.0	7.4	8.7	10.0	11.3	16.6	19.2	21.9	24.5	27.2	29.8	32.4	35.1
8X6	CFM	69	92	115	138	161	184	276	322	368	414	460	506	552	598
Ak .23	Throw	4.4	5.5	6.7	7.9	9.1	10.2	14.9	17.3	19.6	21.9	24.3	26.6	29.0	31.3
14X4	CFM	78	104	130	156	182	208	312	364	416	468	520	572	624	676
Ak .26	Throw	3.6	4.5	5.4	6.3	7.2	8.1	11.7	13.5	15.3	17.0	18.8	20.6	22.4	24.2
10X6	CFM	84	112	140	168	196	224	336	392	448	504	560	616	672	728
Ak .28	Throw	4.1	4.8	5.5	6.2	6.9	7.6	10.4	11.8	13.2	14.6	16.0	17.5	18.9	20.3
8X8	CFM	90	120	150	180	210	240	360	420	480	540	600	660	720	780
Ak .3	Throw	2.8	3.6	4.4	5.1	5.9	6.7	9.9	11.5	13.1	14.7	16.3	17.9	19.5	21.1

A450-3way

Face Velocity		300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
12X6	CFM	59.1	78.8	98.5	118.2	137.9	157.6	177.3	197	216.7	236.4	256.1	275.8	295.5	315.2
Ak .197	Throw	3.9	5.3	6.8	8.2	9.7	11.1	12.6	14.1	15.5	17.0	18.4	19.9	21.3	22.8
10X8	CFM	64.8	86.4	108	129.6	151.2	172.8	194.4	216	237.6	259.2	280.8	302.4	324	345.6
Ak .216	Throw	3.3	4.3	5.4	6.4	7.4	8.4	9.4	10.4	11.5	12.5	13.5	14.5	15.5	16.6
14X6	CFM	69.3	92.4	115.5	138.6	161.7	184.8	207.9	231	254.1	277.2	300.3	323.4	346.5	369.6
Ak .231	Throw	4.3	5.8	7.2	8.7	10.2	11.6	13.1	14.6	16.0	17.5	18.9	20.4	21.9	23.3
12X8	CFM	80.1	106.8	133.5	160.2	186.9	213.6	240.3	267	293.7	320.4	347.1	373.8	400.5	427.2
Ak .267	Throw	2.1	3.4	4.6	5.9	7.1	8.4	9.6	10.9	12.1	13.4	14.6	15.9	17.2	18.4
10X10	CFM	85.2	113.6	142	170.4	198.8	227.2	255.6	284	312.4	340.8	369.2	397.6	426	454.4
Ak .284	Throw	3.0	4.1	5.3	6.4	7.6	8.7	9.9	11.1	12.2	13.4	14.5	15.7	16.8	18.0
14X8	CFM	94.5	126	157.5	189	220.5	252	283.5	315	346.5	378	409.5	441	472.5	504
Ak .315	Throw	6.0	7.0	8.0	9.0	10.0	11.1	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1
12X12	CFM	125.1	166.8	208.5	250.2	291.9	333.6	375.3	417	458.7	500.4	542.1	583.8	625.5	667.2
Ak .417	Throw	5.7	6.5	7.2	8.0	8.7	9.5	10.3	11.0	11.8	12.5	13.3	14.0	14.8	15.5

A450-4way

Face Velocity		300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
12X6	CFM	59.1	78.8	98.5	118.2	137.9	157.6	177.3	197	216.7	236.4	256.1	275.8	295.5	315.2
Ak .197	Throw	4.0	5.4	6.7	8.0	9.4	10.7	12.0	13.4	14.7	16.0	17.4	18.7	20.0	21.4
10X8	CFM	64.8	86.4	108	129.6	151.2	172.8	194.4	216	237.6	259.2	280.8	302.4	324	345.6
Ak .216	Throw	3.4	4.3	5.2	6.2	7.1	8.0	8.9	9.8	10.8	11.7	12.6	13.5	14.4	15.3
14X6	CFM	69.3	92.4	115.5	138.6	161.7	184.8	207.9	231	254.1	277.2	300.3	323.4	346.5	369.6
Ak .231	Throw	4.5	5.8	7.1	8.5	9.8	11.1	12.4	13.7	15.0	16.3	17.6	18.9	20.2	21.6
12X8	CFM	80.1	106.8	133.5	160.2	186.9	213.6	240.3	267	293.7	320.4	347.1	373.8	400.5	427.2
Ak .267	Throw	1.9	3.0	4.2	5.3	6.4	7.5	8.7	9.8	10.9	12.0	13.2	14.3	15.4	16.6
10X10	CFM	85.2	113.6	142	170.4	198.8	227.2	255.6	284	312.4	340.8	369.2	397.6	426	454.4
Ak .284	Throw	3.4	4.5	5.5	6.5	7.6	8.6	9.7	10.7	11.7	12.8	13.8	14.9	15.9	16.9
14X8	CFM	94.5	126	157.5	189	220.5	252	283.5	315	346.5	378	409.5	441	472.5	504
Ak .315	Throw	6.1	7.0	7.9	8.8	9.8	10.7	11.6	12.5	13.4	14.3	15.2	16.1	17.0	17.9
12X12	CFM	125.1	166.8	208.5	250.2	291.9	333.6	375.3	417	458.7	500.4	542.1	583.8	625.5	667.2
Ak .417	Throw	5.9	6.6	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.4	13.1	13.8	14.5	15.2