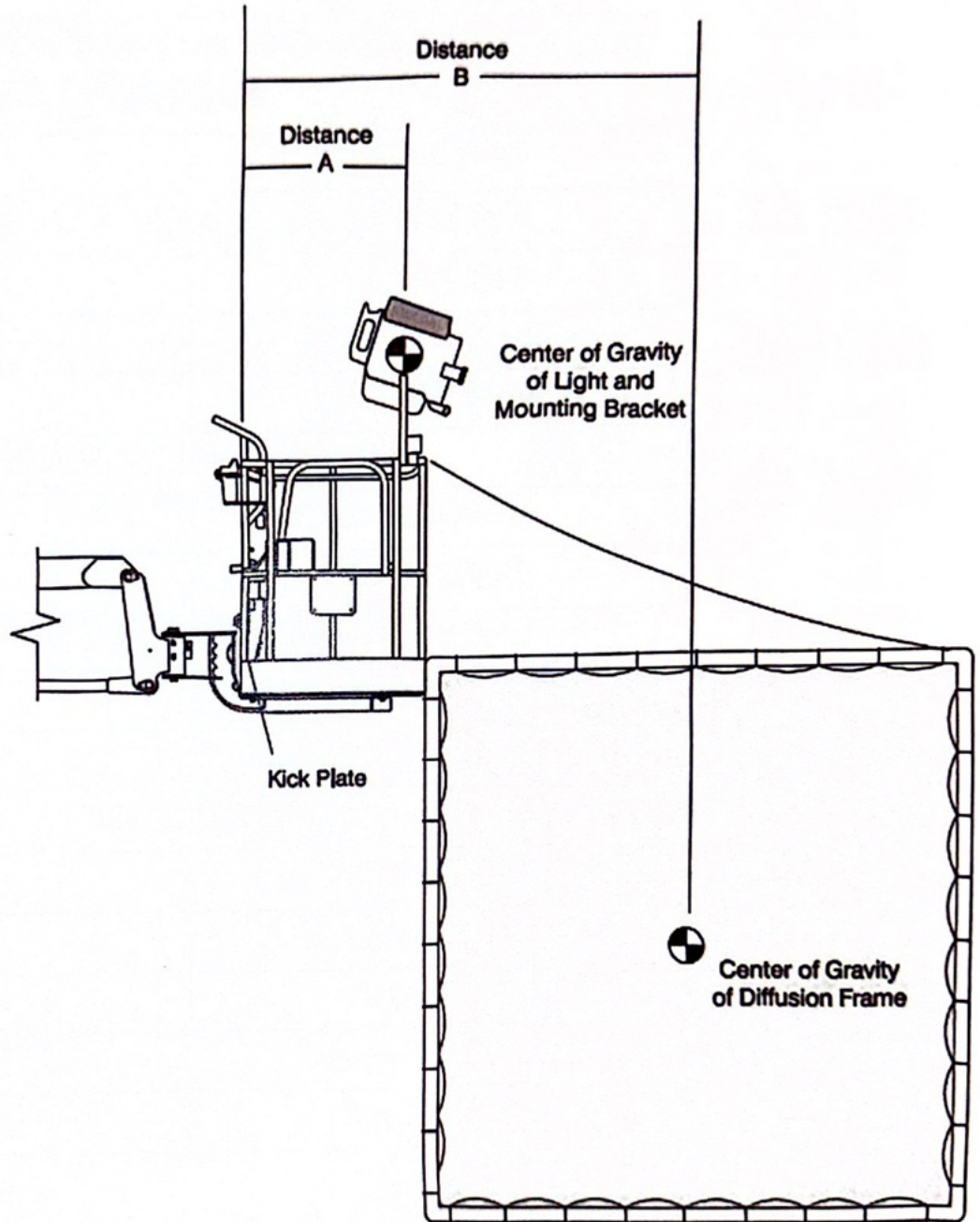


Load Center Measurement Guidelines



Appendix - Charts and Diagrams

Wind Speed Reduction - JLG

Area of Attachment	Max. Wind Speed in MPH
340AJ, 400S, 460SJ, 450A, 450AJ, 600A, 600S, 600SJ, 660SJ, 800A, 800AJ, 800S, 860SJ	
4'x4' (16sq. ft.)	25
6'x6' (36sq. ft.)	25
8'x8' (64sq. ft.)	25
12'x12' (144sq. ft.)	18
20'x20' (400sq. ft.)	11
1250AJP, 1500AJP, 1500SJ, 1850SJ	
4'x4' (16sq. ft.)	25
6'x6' (36sq. ft.)	18
8'x8' (64sq. ft.)	18
12'x12' (144sq. ft.)	11
20'x20' (400sq. ft.)	11
1200SJP, 1350SJP	
4'x4' (16sq. ft.)	18
6'x6' (36sq. ft.)	11
8'x8' (64sq. ft.)	11
12'x12' (144sq. ft.)	11
20'x20' (400sq. ft.)	7

Wind Speed Reduction - Genie

<u>Frame Size (Area)</u>	<u>Maximum Wind Speed</u>
4' x 4' (16 sq. ft.)	25 mph
6' x 6' (36 sq. ft.)	25 mph
8' x 8' (64 sq. ft.)	25 mph
12' x 12' (144 sq. ft)	18 mph
20' x 20' (400 sq. ft)	11 mph

Wind Speed Reduction - Snorkel

Total Surface Area of Movie Production Equipment Attached to Platform	Maximum Allowable Wind Speed
4' x 4' (16 sq. ft.)	24 mph
6' x 6' (36 sq. ft.)	22 mph
8' x 8' (64 sq. ft.)	19 mph
12' x 12' (144 sq. ft.)	15 mph
20' x 20' (400 sq. ft.)	10 mph

Appendix – Charts and Diagrams

Platform Capacity Reduction - JLG

- For Models 400S, 600S, 800S, 405A, 600A, 800A

Table 2-1. Platform Capacity Reduction Chart - 400S, 600S, 800S, 450A, 600A, 800A

Weight of Added Equipment (lbs.)	Distance from kickplate below control box to equipment CG (inches) (Distance A or Distance B)											
	30	36	48	60	72	84	96	108	120	132	144	156
	Number of Pounds to reduce rated Platform Load by											
50	72	80	98	115	132	149	167	184	201	218	236	253
75	108	121	147	172	198	224	250	276	302	328	353	379
100	144	161	195	230	264	299	333	368	402	437	471	506
125	180	201	244	287	330	374	417	460	503	546	589	632
150	216	241	293	345	397	448	500	551	602	653	704	755
175	251	282	342	402	463	523	583	643	703	763	823	883
200	287	322	391	460	530	600	670	740	810	880	950	1020
225	323	362	440	520	600	680	760	840	920	1000	1080	1160
250	359	402	489	580	670	760	850	940	1030	1120	1210	1300
275	395	443	537	638	738	838	938	1038	1138	1238	1338	1438
300	431	483	583	690	790	890	990	1090	1190	1290	1390	1490
325	467	523	623	730	830	930	1030	1130	1230	1330	1430	1530
350	503	565	665	770	870	970	1070	1170	1270	1370	1470	1570
375	539	605	705	810	910	1010	1110	1210	1310	1410	1510	1610
400	575	645	745	850	950	1050	1150	1250	1350	1450	1550	1650
425	611	685	785	890	990	1090	1190	1290	1390	1490	1590	1690
450	647	725	825	930	1030	1130	1230	1330	1430	1530	1630	1730
475	683	765	865	970	1070	1170	1270	1370	1470	1570	1670	1770
500	719	805	905	1010	1110	1210	1310	1410	1510	1610	1710	1810
525	755	845	945	1050	1150	1250	1350	1450	1550	1650	1750	1850
550	791	885	985	1090	1190	1290	1390	1490	1590	1690	1790	1890
575	827	925	1025	1130	1230	1330	1430	1530	1630	1730	1830	1930
600	863	965	1065	1170	1270	1370	1470	1570	1670	1770	1870	1970
625	899	1005	1105	1210	1310	1410	1510	1610	1710	1810	1910	2010
650	935	1045	1145	1250	1350	1450	1550	1650	1750	1850	1950	2050

NOTE: When weighing equipment added, ALWAYS round the total weight UP to the pounds figure in the left column of this chart.
When measuring distance to the kickplate, ALWAYS round the distance UP to the next highest value at the top of this chart.

Platform Capacity Reduction - JLG

- For Models 340AJ, 450AJ

Table 2-2. Platform Capacity Reduction Chart - 340AJ, 450AJ

Weight of Added Equipment (lbs.)	Distance from kickplate below control box to equipment CG (inches) (Distance A or Distance B)											
	30	36	48	60	72	84	96	108	120	132	144	156
	Number of Pounds to reduce rated Platform Load by											
50	59	63	70	77	84	91	98	105	113	120	127	134
75	88	94	104	115	126	137	147	158	169	179	190	201
100	118	125	139	154	168	182	196	211	225	239	254	268
125	147	156	174	192	210	228	246	263	281	299	317	335
150	177	188	209	230	252	273	295	316	338	359	380	402
175	206	219	244	269	294	319	344	369	394	419	444	469
200	236	250	279	307	336	364	393	421	450	479	507	536
225	265	281	313	346	378	410	442	474	506	538		
250	268	313	348	384	420	455	491	527				
275	324	344	383	422	462	501	540					
300	354	375	418	461	504	456						
325	383	406	453	499	546							
350	413	438	488	538								
375	442	469	522									
400	471	500										
425	501	531										
450	530											

NOTE: When weighing equipment added, ALWAYS round the total weight UP to the pounds figure in the left column of this chart.
When measuring distance to the kickplate, ALWAYS round the distance UP to the next highest value at the top of this chart.

Platform Capacity Reduction - JLG

- For Models 460SJ, 660SJ, 860SJ, 600AJ, 800AJ, 1200SJP, 1350SJP, 1250AJP*, 1500AJP, 1500SJ, 1850SJ.

Table 2-3. Platform Capacity Reduction Chart -460SJ, 660SJ, 860SJ, 600AJ, 800AJ, 1200SJP, 1350SJP, 1250AJP*, 1500AJP, 1500SJ, 1850SJ

Weight of Added Equipment (lbs.)	Distance from kickplate below control box to equipment CG (inches) (Distance A or Distance B)											
	30	36	48	60	72	84	96	108	120	132	144	156
	Number of Pounds to reduce rated Platform Load by											
50	58	61	67	74	80	86	93	99	105	111	118	124
75	87	92	101	110	120	129	139	148	158	167	177	186
100	116	122	135	147	160	172	185	198	210	223	235	248
125	145	153	168	184	200	216	231	247	263	279	294	310
150	174	183	202	221	240	259	278	296	315	334	353	372
175	203	214	236	258	280	302	324	346	368	390	412	434
200	231	244	269	294	320	345	370	395	420	446	471	496
225	260	275	303	331	360	388	416	445	473	501	530	558
250	289	305	337	368	400	431	463	494	526	557	589	620
275	318	336	370	405	440	474	509	544	578	613	648	682
300	347	366	404	442	480	517	555	593	631	669	707	744
325	376	397	438	479	520	561	602	643	684	725	765	806
350	405	427	471	515	560	604	648	692	736	780	824	868
375	434	458	505	552	600	647	694	741	789	836	883	931
400	463	488	539	589	640	690	740	791	841	892	942	993
425	492	519	572	626	680	733	787	840	894	947		
450	521	549	606	663	719	776	833	890	946			
475	550	580	640	700	759	819	879	939	999			
500	579	610	673	736	799	862	926	989				
525	608	641	707	773	839	906	972					
550	637	671	741	810	879	949						
575	666	702	774	847	919	992						
600	695	732	808	884	959							
625	723	763	842	920	999							
650	752	793	875	957								
675	781	824	909	994								
700	810	854	943									
725	839	885	976									
750	868	915										
775	897	946										
800	926	977										
825	955											
850	984											

*NOTE: When weighing equipment added, ALWAYS round the total weight UP to the pounds figure in the left column of this chart.
When measuring distance to the kickplate, ALWAYS round the distance UP to the next highest value at the top of this chart.
* For model 1250AJP, only SN 0300144623 to present can be used in accordance with this manual.*

Appendix - Charts and Diagrams

Platform Capacity Reduction - Genie

Weight of Equipment (lbs)	Load Center (inches) (Distance from back toeboard to center of gravity of load)											
	30	36	48	60	72	84	96	108	120	132	144	156
50	67	69	81	94	106	119	131	144	156	169	181	194
75	100	103	122	141	159	178	197	216	234	253	272	291
100	133	138	163	188	213	238	263	288	313	338	363	388
125	167	172	203	234	266	297	328	359	391	422	453	484
150	200	206	244	281	319	356	394	431	469	506	544	581
175	233	241	284	328	372	416	459	503	547	591	634	678
200	267	275	325	375	425	475	525	575	625	675	725	775
225	300	309	366	422	478	534	591	647	703	759	816	872
250	333	344	406	469	531	594	656	719	781	844	906	969
275	367	378	447	516	584	653	722	791	859	928	997	
300	400	413	488	563	638	713	788	863	938			
325	433	447	528	607	691	772	853	934				
350	467	481	569	652	744	831	919					
375	500	516	606	693	787	881	984					
400	533	550	650	750	850	950						
425	567	584	691	797	903							
450	600	619	731	844	956							
475	633	653	772	891								
500	667	688	813	938								
525	700	722	853	984								
550	733	756	894									
575	767	791	934									
600	800	825	975									
625	833	859										
650	867	894										
675	900	928										
700	933	963										
725	967	997										

 = Material Lifting Applications Only

Platform Capacity Reduction - Snorkel

Weight of Added Equipment ¹ (lbs)	Equipment Center of Gravity ² (Inches) (Distance A or Distance B in Figure 3.1)											
	30	36	48	60	72	84	96	108	120	132	144	156
	Equipment Load (lbs)											
50	67	75	92	108	125	141	156	175	191	208	224	241
75	100	112	137	162	187	212	237	262	287	312	337	362
100	133	150	183	216	249	283	316	349	382	416	449	482
125	167	187	229	270	312	353	395	436	478	519	561	603
150	200	226	275	324	374	424	474	524	574	623	673	723
175	233	262	320	378	437	495	553	611	669	727	785	
200	266	300	366	433	499	565	632	698	765			
225	300	337	412	487	561	636	711	786				
250	333	376	458	541	624	707	790					
275	366	412	503	595	686	777						
300	400	449	549	649	748							
325	433	487	595	703								
350	466	524	641	757								
375	500	562	686									
400	533	599	732									
425	566	637	778									
450	599	674										
475	633	712										
500	666	749										
525	699	787										
550	733											
575	766											
600	799											

Note 1: When weighing the equipment added to the platform, always round up to the next number found on the chart.
 Note 2: When measuring the distance from the back toeboard, always round up to the next number found on the chart.