Camcraft / Masters from Taylor Cams

This is a listing of masters we acquired from Taylor cams. They were designed by the late Bill Taylor, using much of the same software and consultation we use today. We will add to this list as we get things sorted out. There are more

What do intensity numbers mean? Harvey Crane created "intensity" as a means of comparing the ramp designs of camshafts. Lower number are usually preferable but can be harder on the valve train depending on the entire lobe design.

Hydraulic intensity is the difference between .004 duration and .050 duration. Minor Intensity is the difference between. 010 duration and .050 duration Major intensity is the difference between .020 duration and .050 duration.

TH Hyd .842 lifters. 53' hyd intensity

.004 Dur.	.050 Dur.	.200 Dur.	Cam lift	1.5 lift	1.6 lift	1.7 lift
255	202	111	.278	.417	.445	.472
273	220	131	.308	.462	.492	.523
279	226	138	.318	.477	.509	.540
285	232	144	.330	.498	.528	.561
302	248	160	.360	.540	.576	.612
310	256	168	.360	.540	.576	.612
280	252	163	.356	.535	.571	.605

THC Hyd .842 42' hyd Intensity

.004	.050	Cam		1.6	1.7	
Dur.	Dur.	lift	lift	lift	lift	
280	238	.342	.513	.547	.581	
282	240	.334	.501	.534	.569	
286	244	.351	.526	.562	.597	
290	248	.334	.501	.534	.569	
290	248	.358	.537	.573	.609	
292	250	.361	.541	.578	.614	
298	256	.363	.544	.581	.617	
302	260	.362	.543	.579	.615	
306	264	.380	.570	.600	.646	

THE Hyd lifter .842 lifter 38' Hydraulic intensity

.020 Dur.	.050 Dur.	.200 Dur.	Cam lift	1.5 lift	1.6 lift	1.7 lift
254	232	145	.330	.495	.528	.560
258	236	149	.336	.504	.537	.570
264	242	155	.347	.520	.555	.590

THLL Hyd lifter .842 lifter Low Lift

.004 Dur.	.050 Dur.	Ca m lift	1.5 lift	1.6 lift	1.7 lift
294	252	.280	.420	.448	.476
299	257	.280	.420	.448	.476
286	244	.288	.432	.460	.489
248	248	.288	.432	.460	.489
298	256	.288	.432	.460	.489
302	260	.288	.432	.460	.489
306	264	.288	.432	.460	.489

TM Solid lifter .842 lifter 24' major intensity

.020 Dur.	.050 Dui	.200 Dur.	Cam lift	1.5 lift	1.6 lift	1.7 lift
240	240	153	.343	.515	.549	.583
264	242	155	.347	.521	.556	.590
266	244	157	.351	.526	.561	.596
272	250	163	.360	.540	.576	.612
276	254	167	.367	.551	.588	.625

TMS Solid lifter .842 lifter 25' major intensity

.020	.050	.200	Cam	1.5	1.6	1.7
Dur.	Dur.	Dur.	lift	lift	lift	lift
277	252		.361	.541	.577	.613
281	256		.367	.550	.587	.624
289	264		.381	.571	.609	.647
293	268		.388	.582	.620	.660

TR1 Series .437 lift 30 major intensity Lash .014/.016

.02	0	.050		Ca	1.5	1.6	1.7
Du	r.	Dur.		m	lift	lift	lift
				lift			
282	2	252		.437	.655	.699	.742
286	3	256		.437	.655	.699	.742
290)	260		.437	.655	.699	.742
294	4	264		.437	.655	.699	.742
298	3	268		.437	.655	.699	.742
302	2	272		.437	.655	.699	.742
328	3	298		.437	.655	.699	.742

TR2 Series .433 lift 32' major intensity

.020 Dur.	.050 Dur.		Ca m lift	1.5 lift	1.6 lift	1.7 lift
286	252	180	.433	.650	.692	.736
288	258	184	.433	.650	.692	.736
290	260	186	.433	.650	.692	.736
292	262	187	.433	.650	.692	.736
294	264	188	.433	.650	.692	.736
296	268	189	.433	.650	.692	.736

THR Hyd Roller 56' hyd intensity

.004	.050	.200	Cam	1.5	1.6	1.7
Dur.	Dur.	Dur.	lift	lift	lift	lift
262	206		.300	.450	.480	.510
272	216		.316	.474	.505	.537
282	226		.334	.501	.534	.567
292	236		.348	.522	.557	591
302	246		.365	.547	.584	.620
312	256		.381	.579	.609	.647

TABC Solid lifter Ford Model A,B,C

	010 Dur.	.020 Dur.	.050 Dur.	Cam lift	Lifter Dia.	Heel size		
2	270	224	196	.270	Stock	920/.930	Α	Stock
2	264	229	200	.285	Stock	865/.880	B& C	Stock
2	254	236	219*	.308	1.00"	800/.820		
2	260	243	225*	.312	1.00"	800/.820		
2	270	253	235*	.324	1.00"	710/.715		
2	254	236	219*	.325	1.00"	790/.800		
2	260	243	226*	.346	1.187			
2	270	253	236*	.365	1.187			

Lash is .010 int, .012 exh on all profiles exc stock

* Cam cores must be undercut, recentered, and straightened for these profiles. The cam must have the original .270 lift and have never been reground. Heel size under .950-.955 has been reground.

** Must use good B or C cam core, build up lobes, or use new billet for these profiles

Timing note: For each .025 removed from rear side of crank gear about 1 degree of cam advance is obtained

TBS Briggs & Honda profiles lash.008/010 int .010/.012 exh

.010	.020	.050	Cam lift	Lifter Dia.	Heel size	
Dur.	Dur.	Dur.	IIIL			
254	247	228	.251	1.00"	Stock	cheater
282	273	256	.354	1.00"	103A	profile
286	278	260	.355	1.00"		
286	274	256	.382	1.00"		
290	278	260	.392	1.00"		
294	282	264	.407	1.00"		
296	284	266	.411	1.00"		