

HTR Monthly Report
Thoroughbred Handicapping Newsletter
March 2006

Brought to you by –
KM Software
Handicapping Technology and Research

This Month

[1] Front Page

[2] Handicapping with HTR2

*Late Pace Velocity (Part I) – Fast Dirt
Pros and Cons of Utilizing L/P (Lv)
Examples, Stats and Analysis
Longshots and Lv=1*

[7] Case Studies

*Trainer Bobby Frankel
Blinkers Off
Jockey Edgar Prado*

[11] Technical Help

Loading HTR2 on a New Computer

[12] Back Page

Late News and Tournament Doings

The HTR Monthly Report is converted from a Microsoft Word Document to a .PDF file for viewing with the free Adobe Reader. The newsletter may be viewed while on-line or the file can be downloaded to your computer hard-drive for off-line reading and printing.

Each month, the current edition of the HTR Monthly Report is available on the Internet from our members' web site only. This is not a free newsletter; it is included as part of a paid subscription to HTR's monthly download service (\$119/mo). Selected articles can be found on the free HTR web site (see back page for web address). The HTR Monthly Report is normally available by the 5th of each month.

All proprietary rights to this material belong to KM Software. No portion of this product may be reproduced, copied or transmitted on the Internet without the express written consent of KM Software. All articles and information in this newsletter are written by Ken Massa unless otherwise stated. Test data files are provided with permission from Handicappers Data Warehouse and Equibase Corp. The test results, analysis and opinions found herein are those of KM Software/HTR only - Handicappers Data Warehouse and Equibase Corp are not responsible for the written contents of this newsletter and cannot be held accountable for any claims made in it.

Handicapping with HTR2
Late Pace Velocity – Part I – Fast Dirt Races

L/P (Late Pace Velocity) = (Fr2 + Fr3) / 2

Lv = is the ranking (1-2-3-4...9) for L/P shown throughout HTR2

Late pace velocity can be a key weapon in the quest to uncover overlays, exotic keys and defeat your opponents in the tournament or parimutuel wars. Today, nearly all horseplayers continue to handicap with traditional pace and speed figures and tend to ignore the separate measures of stamina and second half momentum. This is a two part series: this month we'll cover dirt races and next month the grass. Below are the pros and cons of using L/P to handicap.

PROS

- True late speed is difficult to discern from visual analysis of past-performances. Early velocity (Fr1, E/P) can be understood somewhat by noting the time of the fractions and beaten lengths, but late velocity is usually well hidden unless the math is performed.
- Most handicappers believe the horse that has closed the most ground is the strongest finisher, but that is often an optical illusion due to rapid de-acceleration of the front speed. The L/P rating resolves that problem with an accurate measure of the final fractions. Horses of all running styles can rank well with late velocity. That makes it imperative to uncover weakness with the perceived closers in the race and recognize that they will not be able to out-finish the horses in the front half of the field if their late velocity ranking is weak.
- The late velocity rating tends to be less susceptible to the problems of variants, adjustments and even trip allowances than the other feet-per-second numbers. This is because there is a greater separation between with the initial (raw) feet-per-second calculation among the horses that allows a larger margin for error.
- Odds tend to remain stable with late velocity horses and they are far less likely to be over-played by the public and rarely get hammered late due to the strength of their late ranking. Big longshots with late speed are often excellent wagers for bringing up the 2-3-4 spots on the exotic ticket and can provide the best non-winning overlays in racing when they finish second at 30/1 or more and fatten the exacta, even with the chalk on top.

Cons

- Most L/P or Lv = 1 ranks are often "S" or "R" types and we know that they win less often than horses with early or pressing running styles. Despite a strong late velocity number, the geometry and universal early bias of dirt races often conspire against them and they appear to meander at the back or make a belated *hanging* move only. Grass races are a godsend for a power late kick, but the tradeoff is overcoming more trip issues such as "blocked" and "wide".
- Horses with strong late velocity are usually less consistent than runners with greater early speed and don't hit the board as often.
- There is greater tendency for jockeys to misjudge the timing on a horse with late speed and that means they come up short at the wire more often than not. Trip problems can also stifle the late move if the horse is forced to circle the field or impeded by a crowded stretch run.

On the next three pages we'll explore late pace velocity and how best to utilize a horse showing strength with its L/P figure. We are primarily interested in price shots because the rate of success will be far lower than with other ratings that stress early pace or overall speed.

*Handicapping with HTR2***Late Pace Velocity – Fast Dirt Races**

Before we look at stats with L/P (Lv) we'll review a fictional example of five horses and the late pace velocity numbers. Understanding the relationship that connects the three primary fractions (Fr1-Fr2-Fr3) as well as the horse's running style is critical to the process of L/P analysis. Note: all the horses listed have approximately the same A/P rating.

6.0f Dirt Race

Horse	RS	Fr1	Fr2	Fr3	L/P	Lv (rank of L/P)	Odds
#1	F	59.00*	58.00*	49.00	53.50	5	4/1
#2	E	58.00	57.50	50.50	54.00	4	3/1
#3	p	57.50	56.50	52.00	54.25	3	2/1
#4	S	56.50	57.00	52.50	54.75	2	5/1
#5	R	56.00	55.50	54.50*	55.00	1	8/1

#1 (4/1) is the probable early leader. The horse has strong early fractions but a glaring weakness in its finish ability (Fr3 = 49.00). If this field was a "rule of 50" (all other entrants have Fr3 < 50.00 fps) then this one might have a stranglehold on the race with its powerful second quarter. Against this field, the horse will either have to slow the pace and reserve more for the finish or face getting swallowed up late.

#2 (3/1) can sit close up and likely pass up #1 in the stretch. The Fr3 is marginal (50.50) though and is not a slam-dunk to hold off a serious late charge from the closers. But if #1 can slow the pace early, this horse would be the least vulnerable to having the race "stolen" by #1 and will probably get the best trip.

#3 (2/1) has a balanced set of early/late ratings with a positional edge over the other closers including a solid final quarter (Fr3 = 52.00 fps). However, the second fraction is a bit weak; if #3 presses the pace attempting to stay close to the front-runners the horse might feel knocked out before it can utilize its stretch kick. Best case scenario for #3 -- the leaders (#1, #2) go fast early and #3 stalks and safely holds the middle ("lone presser") and passes them easily and has plenty left to contain the closers.

#4 (5/1) cannot keep up in the first quarter but generates steam with its good second quarter and continues into a strong Fr3 that will propel him easily to the lead if the pace is fast up front and the early speed collapses. There are problems with that scenario however – first problem is that #3 might get the jump on a speed duel and be gone before the late kick of #4 can manifest – and second, even if the pace folds up on the other three, #4 still has to hold off #5 who can out-finish everyone with a clean trip.

#5 (8/1) has a blow away final fraction yet the horse is a plodder. This runner will be last down the backstretch and forced to pass all the others like a bat out of hell in a furious finish. His top L/P rating will help only if there is a fast early pace to run at and the early speed begins to fail at the quarter pole. This type of runner tends to pick up pieces late in the exotics, but rarely make the winners circle.

Analysis

This example is typical of what is faced by the handicapper with the L/P rankings in a dirt sprint. The strongest late runners (Lv=1,2, #4, #5) have higher odds but probably need a favorable pace scenario to win. Horse #3 appears to have the ideal balance of early and late speed and can handle most pace situations – but it is the 2/1 favorite and an underlay. HTR handicappers would have loved #1 in years past at high odds, but Fr1 plays are not overlays as often these days and this one looks risky based on the poor Fr3 at just 4/1, while #2 may be a more reliable early runner, the 3/1 odds do not beckon.

Who do you think is the best win wager in this race? Which horse would you use as an exotic key?

On the next few pages, we'll review actual statistics to find out what typically happens. At the seminar we'll be exploring late velocity in depth and provide example races with group interaction.

Handicapping with HTR2
Late Pace Velocity – Fast Dirt Races

<u>Lv = 1 (top rank L/P) / Fast Dirt - All races</u>									
<u>Factor</u>	<u>Plays</u>	<u>Win</u>	<u>ITM</u>	<u>WROI</u>	<u>PROI</u>	<u>SROI</u>	<u>\$AvgM</u>	<u>High</u>	<u>I.V.</u>
Play All	25764	19%	50%	0.80	0.80	0.82	\$8.61	\$147	1.48
5.5f	02665	18%	51%	0.72	0.82	0.82	\$7.85	\$73	1.50
6.0f	08432	19%	51%	0.80	0.80	0.82	\$8.52	\$147	1.51
6.5f	02386	19%	51%	0.83	0.84	0.87	\$8.81	\$77	1.53
7.0f	01997	18%	48%	0.82	0.77	0.80	\$8.97	\$50	1.53
8.0f	03362	19%	51%	0.85	0.80	0.82	\$8.88	\$123	1.47
8.5f	02631	18%	48%	0.83	0.80	0.80	\$9.11	\$66	1.42
9.0f	00606	16%	48%	0.75	0.85	0.79	\$9.22	\$59	1.25
10.0f	00104	19%	46%	0.82	0.74	0.82	\$8.54	\$31	1.57
F	00639	29%	59%	0.86	0.84	0.79	\$5.85	\$35	2.21
E	04150	26%	59%	0.81	0.84	0.84	\$6.34	\$73	1.99
P	07323	21%	54%	0.83	0.83	0.85	\$8.04	\$147	1.65
S	09734	16%	48%	0.80	0.80	0.83	\$10.05	\$120	1.27
R	03918	12%	41%	0.72	0.71	0.75	\$11.94	\$123	0.99

Analysis

Let's stop right here and do our first analysis. Top ranked L/P is a poor performer overall with a (-20%) loss for every dollar wagered on the win end and less than 20% winners. It's tough to get them home but a sizeable percentage of the Lv=1, half of them, finish in the money on fast dirt.

The distance separation had almost no effect. For example, the results for 7.0f are not much different from 6.0f races, despite an expectation that the added furlong would benefit the top late runner. The worst ROI results were at 5.5f, which is no surprise, but the win rate for the 1 1/8 mile races is surprisingly the weakest on the list. Not a single distance exceeded 20% wins and the ITM rates are basically equal.

The running style stats are more revealing. The majority of Lv=1 are "S" and "R" types as expected. Notice the terrible results with the "R" horses in particular; they just don't get up very often and the odds rarely justify the risk of a wager on them (-28% loss). The "P" runners would seem to be a perfect fit when they are the top ranked L/P because they can best utilize that late momentum from a more favorable early race position. Indeed the ROI numbers are best across the board with the "P" group. Win rates are highest for the "F" and "E" but doesn't really help us as these will be horses that are obvious contenders since they have both an early running style and the most late pace, which means the other horses in the race must be very slow finishers and public will know it.

<u>Lv = 1 (top rank L/P) / Fast Dirt - All races</u>									
<u>Factor</u>	<u>Plays</u>	<u>Win</u>	<u>ITM</u>	<u>WROI</u>	<u>PROI</u>	<u>SROI</u>	<u>\$AvgM</u>	<u>High</u>	<u>I.V.</u>
K1	04937	36%	73%	0.85	0.88	0.90	\$4.73	\$45	2.78
K2	04270	24%	63%	0.81	0.84	0.87	\$6.80	\$27	1.83
K3	03965	19%	56%	0.82	0.82	0.85	\$8.65	\$66	1.45
K4	03383	15%	50%	0.85	0.80	0.84	\$10.99	\$49	1.19
K5	02964	11%	39%	0.78	0.76	0.75	\$14.54	\$147	0.83
K6	02423	08%	32%	0.82	0.75	0.75	\$19.50	\$120	0.68
K7	01678	06%	28%	0.81	0.79	0.80	\$25.02	\$73	0.56
K8	01093	05%	19%	0.65	0.59	0.64	\$26.35	\$82	0.46
K9	01051	02%	17%	0.40	0.74	0.70	\$36.29	\$123	0.23
K110	02085	47%	81%	0.94	0.94	0.91	\$4.01	\$13	3.35
HF	00887	55%	86%	0.99	0.95	0.92	\$3.56	\$9	3.85

Analysis of K Factors

Interesting that K=1, K110 and HF (a subgroup of K110 and K=1) all improve their normal win rates, and in most cases their ROI, when combined with a top ranking in the L/P (Lv=1). Notice the high ITM rates with these as well – about 4 out of 5 top (K) runners combining Lv=1 will make it into the trifecta.

Handicapping with HTR2
Late Pace Velocity – Fast Dirt Races

Velocity Measures in Tandem with Lv=1

<u>Lv = 1 (top rank L/P) / Fast Dirt - All races</u>									
<u>Factor</u>	<u>Plays</u>	<u>Win</u>	<u>ITM</u>	<u>WROI</u>	<u>PROI</u>	<u>SROI</u>	<u>\$AvgM</u>	<u>High</u>	<u>I.V.</u>
Fr1=1	01163	35%	70%	0.91	0.92	0.87	\$5.14	\$50	2.66
Fr2=1	10278	20%	52%	0.79	0.79	0.82	\$8.04	\$90	1.53
Fr3=1	15597	19%	51%	0.81	0.81	0.83	\$8.49	\$14	1.50
E/P=1	02846	32%	66%	0.89	0.92	0.89	\$5.58	\$45	2.44
E/P=1,2	05699	28%	63%	0.84	0.86	0.87	\$5.92	\$58	2.18
A/P=1	10026	27%	60%	0.87	0.85	0.86	\$6.52	\$12	2.09
A/P=1,2	15312	24%	58%	0.85	0.84	0.85	\$7.16	\$12	1.86
S/P=1	15870	22%	55%	0.83	0.82	0.85	\$7.48	\$12	1.74
S/P=1,2	21152	20%	53%	0.82	0.81	0.84	\$7.98	\$12	1.62
VEL=1	11884	25%	58%	0.86	0.84	0.86	\$6.79	\$12	1.98
Fr3>50fps	22294	18%	50%	0.81	0.80	0.83	\$8.77	\$14	1.47

Analysis

Remember, we are discussing fast dirt races only in this study. Notice that last item that restricts the Lv=1 to those horses that have an Fr3 > 50.00 fps. Didn't help a bit and the results were not much changed from the overall Lv=1. Fr1 has the strongest effect on the top L/P and pushes the ROI over 0.90. While that is nice to know and improves the stats, the strength of the combination seems to come from Fr1, not L/P and horses that are top ranked in both factors are going to be obvious to the public as game early speed types.

HTR Factors

<u>Lv = 1 (top rank L/P) / Fast Dirt - All races</u>									
<u>Factor</u>	<u>Plays</u>	<u>Win</u>	<u>ITM</u>	<u>WROI</u>	<u>PROI</u>	<u>SROI</u>	<u>\$AvgM</u>	<u>High</u>	<u>I.V.</u>
PAC=1	03044	30%	64%	0.84	0.88	0.87	\$5.56	\$66	2.32
PER=1	10559	27%	61%	0.86	0.85	0.87	\$6.50	\$120	2.08
PED=1	03620	24%	58%	0.87	0.86	0.85	\$7.33	\$79	1.79
Trn=1	04019	30%	65%	0.86	0.85	0.88	\$5.77	\$49	2.25
Trn400+	01152	32%	67%	0.89	0.90	0.91	\$5.59	\$33	2.35
Jky=1	04001	29%	65%	0.86	0.86	0.89	\$5.96	\$48	2.20
Jky300+	06745	25%	61%	0.87	0.85	0.87	\$6.84	\$123	1.94
Wk=1	03292	25%	59%	0.91	0.85	0.86	\$7.22	\$123	1.90
Wk85+	02019	25%	59%	0.92	0.87	0.88	\$7.28	\$40	1.92
HTR=1	04738	35%	69%	0.92	0.90	0.90	\$5.25	\$39	2.70
MLO=1	05926	35%	72%	0.81	0.86	0.88	\$4.57	\$23	2.71
\$	08806	09%	32%	0.76	0.75	0.75	\$17.76	\$147	0.73
\$\$	01959	10%	36%	0.87	0.78	0.78	\$17.30	\$123	0.82
@	01340	11%	33%	0.70	0.66	0.69	\$12.59	\$69	0.93
FC=1	05435	28%	63%	0.87	0.87	0.89	\$6.24	\$46	2.17
FC>= 85	05678	28%	63%	0.88	0.88	0.89	\$6.22	\$46	2.20

Analysis

The workout rating seems to get the most out of the Lv=1, but the overall results with all the factors is not very promising. In most case here, items such as the HTR=1, do just as well on their own.

Next page: we'll try use Late Pace to find live longshot plays – not just to win – but to hit the board and improve the exotics if possible.

*Handicapping with HTR2***Late Pace Velocity – Fast Dirt Races – Live Longshots**

The good news about L/P is that the horses are not over bet and longshots abound with the factor (Lv=1), especially if they have “S” or “R” running style. The big problem is they don’t win very often on dirt. In this section the odds will be filtered so that nothing is tested less than 10/1. The data items are sorted by ITM% in an attempt to find the factors producing the highest percentage of runners that contribute to large vertical exotics, but at the same time conceding we won’t get many winners in this group.

Parameters used in the test →

- Lv = 1
- Fast Dirt Only 5.5f – 10.0f
- Purse \$10,000+
- Tote Odds 10.0 or higher (average final-odds in the study was about 19.5 - 1)

Reminder! – This is a query of Lv=1 with a *minimum* board odds of 10/1. Many of these horses went off at 30/1 and higher. When this test group finishes in the money the exotics pay big. A 250-play sample minimum was the standard for making the list, but see notes below.

Top 10 ITM% factors combined with Lv=1 / Odds 10/1 up / Fast Dirt 5.5-10.0f**Purse \$10,000+ / Minimum 250 Plays**

<u>Factor</u>	<u>Plays</u>	<u>ITM</u>	<u>Win</u>	<u>WROI</u>	<u>HighWin</u>
K=4	549	35%	6%	0.73	\$49
K=3	260	31%	5%	0.76	\$66
TRN=1	263	29%	6%	0.82	\$48
JKY 300+	252	28%	6%	0.95	\$123
Wk85+	316	28%	6%	0.92	\$40
K=5	929	27%	5%	0.82	\$147
Wk=1	482	26%	5%	0.88	\$120
Class=1or2	998	26%	6%	0.96	\$90
PAC=1	251	25%	6%	0.98	\$66
FC 85+	425	25%	7%	0.90	\$46

Any	5835	23%	4%	0.73	\$147

Notes: **K=1, K=2; HTR=1 and TRN400+** did hit over 30% ITM in the test, but the sample size was well under the minimum 250.

Analysis

The “Any” item reveals a benchmark of 23% ITM with every horse in the test (5,835) – and 4% winners is the win standard. You can sum the positive up with simplicity here: **K < 6**. The top-5 (K) represents about 2000 of the horses in the study and they were able to finish 1-2-3 over 30% of the time as compared with the normal 23% for all horses Lv=1 and 10/1+. The lower the K rating, the lower the average odds however. So the K=4 with 35% ITM represents a perfect *sweet spot* for a combination of live late runners on the dirt plus explosive odds.

Summary / L/P on Fast Dirt

The statistics this month help us face the difficulty of betting late pace velocity horses on dirt even though they have been identified as our best closers. They just don’t get to the wire on top very often so the handicapper must take a big price if backing them to win. The better opportunity may be using them as a trifecta or superfecta key if they are ranked in the top-five (K) with a generous price on the board.

Next month we’ll do a similar study with turf routes and expect the results to be more promising.

Stat Profile

Trainer Robert Frankel

Bobby Frankel is one of America's premier conditioners. Years ago, the New Yorker was considered a great claiming trainer, but these days he concentrates on the highest quality stakes thoroughbreds with the backing of some of the wealthiest international owners. Frankel is based in Southern California, but he is hardly confined there as he seeks out the top Graded events everywhere, particularly if they are turf races. His classy foreign imports are always dangerous. Frankel is a high profile horseman and that has the effect of depleting odds on his entrants. Let's look at the record →

Trainer Robert Frankel / All Races Last 365-days

Factor	Plays	Win	ITM	WROI	PROI	SROI	\$AvgM	High	I.V.
Play All	00605	23%	56%	0.75	0.83	0.91	\$6.60	\$33	1.93
Favorites	00243	35%	71%	0.74	0.84	0.88	\$4.19	\$8	2.94
MLO=1	00239	38%	72%	0.84	0.89	0.90	\$4.47	\$11	3.10
Odds On	00077	61%	86%	1.01	0.98	0.92	\$3.31	\$4	4.74
K1	00180	33%	73%	0.69	0.85	0.91	\$4.13	\$10	2.67
K110	00118	42%	80%	0.82	0.89	0.97	\$3.93	\$9	3.18
Fr1(Ev)=1	00070	37%	67%	1.05	0.97	0.87	\$5.65	\$27	2.79
S/P=1	00101	37%	73%	0.80	0.95	0.97	\$4.37	\$11	2.87
L/P(Lv)=1	00087	29%	68%	0.73	0.88	0.98	\$5.11	\$11	2.36
Fr3=1	00092	30%	68%	0.73	0.95	0.98	\$4.79	\$11	2.42
PAC=1	00091	32%	73%	0.83	0.98	0.95	\$5.21	\$32	2.51
PER=1	00149	32%	77%	0.81	0.98	1.03	\$5.05	\$32	2.63
PED450+	00299	22%	55%	0.63	0.70	0.80	\$5.75	\$32	1.81
Jky=1	00173	32%	65%	0.99	0.99	0.92	\$6.11	\$27	2.69
WK85+	00103	25%	63%	0.73	0.86	0.95	\$5.78	\$13	2.12
HTR=1	00201	32%	68%	0.81	0.91	0.88	\$5.00	\$32	2.64
\$\$	00046	09%	46%	1.09	0.91	1.32	\$24.98	\$33	0.84
RS= F,E	00147	33%	61%	0.92	0.93	0.85	\$5.66	\$32	2.73
RS= P	00273	20%	57%	0.75	0.83	1.00	\$7.56	\$33	1.73
RS= S,R	00185	19%	50%	0.61	0.74	0.84	\$6.43	\$12	1.57
Alw/Stk	00406	23%	57%	0.77	0.84	0.90	\$6.63	\$33	1.91
Clm	00040	13%	53%	0.56	0.74	0.83	\$8.98	\$13	1.06
Msw	00144	24%	53%	0.75	0.81	0.98	\$6.36	\$18	2.21
Dirt Spr	00150	21%	58%	0.71	0.90	1.00	\$6.66	\$33	1.76
Dirt Rte	00128	24%	55%	0.76	0.81	0.81	\$6.31	\$18	1.84
Turf Spr	00045	16%	58%	0.81	0.90	1.39	\$10.43	\$27	1.51
Turf Rte	00282	24%	55%	0.75	0.79	0.84	\$6.31	\$32	2.10
Purse 100k+	00154	24%	49%	0.83	0.85	0.82	\$6.94	\$33	2.10
FTS	00063	13%	43%	0.51	0.66	1.02	\$7.98	\$18	1.19
Layoff 90+	00131	27%	57%	0.78	0.87	0.91	\$5.65	\$14	2.23
Foreign Imp	00031	32%	61%	0.99	0.92	0.94	\$6.12	\$14	2.73
Grade I	00059	27%	56%	0.66	0.76	0.88	\$4.87	\$11	2.38

Analysis

Frankel has an outstanding overall win rate (23%) and has a TRN rating > 400 (super trainer) in most cases. But his horses are obviously over bet and longshots are nearly unheard of; his highest mutual the entire year was a \$33 winner. His returns are weak with top (K) runners and no profits with favorites unless they are odds-on - and then he hits a whopping 61% wins! A poor ROI with the highest class races (Gr1, Purse100+) but his reputation with turf routers is firm with the win rate (25%) but the ROI doesn't inspire. His foreign imports show great numbers when they make their debut though. Frankel does seem to have some success with horses that are early speed types (Fr1, RS=F,E) and he made money with his \$\$ which are often a combination of early speed and workout strength (and 5/1 MLO odds or higher).

Stat Profile
Blinkers OFF

Blinkers OFF ("bx") is a popular longshot angle that is far less common than blinkers ON. There are varied explanations for why it might be effective and cause a form-reversal. The most common reason given by trainers is that it can help the horse relax. Handicappers will attribute the success of the angle to everything from improved vision to greater maturity; taking the hood off could mean the trainer is convinced the horse can now deal with face to face competition. Let's take a look at the stats →

Blinkers OFF - All Races - Purse \$10,000+

Factor	Plays	Win	ITM	WROI	PROI	SROI	\$AvgM	High	I.V.
Play All	03462	13%	36%	0.94	0.89	0.86	\$14.97	\$213	1.10
K1	00328	38%	71%	1.02	0.96	0.96	\$5.37	\$13	3.12
K2	00313	22%	58%	0.92	0.96	0.95	\$8.38	\$35	1.85
K3	00379	17%	48%	0.90	0.87	0.84	\$10.50	\$24	1.44
K4	00340	16%	46%	1.08	0.91	0.94	\$13.39	\$37	1.32
K5	00377	07%	37%	0.63	0.76	0.83	\$17.58	\$46	0.58
K6	00455	06%	29%	0.77	0.87	0.80	\$25.19	\$114	0.50
K7	00394	08%	23%	0.93	0.70	0.74	\$24.35	\$52	0.65
K8	00301	05%	23%	1.05	1.38	1.11	\$39.34	\$97	0.50
K9	00575	03%	13%	1.12	0.77	0.72	\$67.86	\$213	0.36
K110	00120	47%	83%	1.11	1.09	1.02	\$4.75	\$11	3.56
CLASS=1	00450	29%	57%	1.28	1.03	0.97	\$8.86	\$43	2.39
Fr1 (Ev)=1	00535	18%	46%	0.97	1.00	0.92	\$10.91	\$152	1.48
E/P=1	00506	22%	51%	0.94	0.89	0.93	\$8.74	\$40	1.78
A/P=1	00366	29%	57%	1.07	1.03	0.95	\$7.39	\$45	2.41
A/P=1,2	00739	25%	56%	1.09	0.98	0.96	\$8.64	\$45	2.12
S/P=1,2	00674	21%	51%	1.06	0.92	0.91	\$9.93	\$105	1.78
L/P (Lv)=1	00351	17%	45%	0.68	0.62	0.81	\$8.21	\$32	1.37
Fr3=1	00361	16%	45%	0.83	0.76	0.85	\$10.13	\$45	1.35
PAC=1	00548	24%	53%	1.10	0.95	0.98	\$9.20	\$90	1.98
PAC=1,2	01040	20%	50%	0.97	0.93	0.94	\$9.49	\$90	1.72
PER=1	00432	27%	58%	1.07	1.05	0.98	\$7.86	\$45	2.28
PER=1,2	00819	25%	56%	1.08	0.99	0.96	\$8.65	\$45	2.10
Trn=1	00394	26%	57%	1.17	1.02	0.97	\$9.02	\$105	2.15
Trn350+	00321	26%	55%	1.11	1.05	0.95	\$8.42	\$105	2.25
Trn400+	00104	31%	65%	1.07	1.14	1.05	\$6.93	\$23	2.60
Jky=1	00336	24%	54%	0.97	0.89	0.85	\$7.98	\$42	2.05
Wk=1	00462	20%	49%	1.38	1.13	1.03	\$14.00	\$105	1.62
Wk80+	01020	16%	42%	1.17	1.05	0.94	\$14.41	\$213	1.40
Wk85+	00343	20%	47%	1.36	1.12	0.98	\$13.29	\$105	1.68
HTR=1	00428	31%	62%	1.07	1.00	0.97	\$6.91	\$35	2.56
VEL=1	00378	29%	57%	1.11	1.02	0.94	\$7.69	\$45	2.42
IMP=1	00380	29%	59%	1.05	1.03	0.97	\$7.26	\$45	2.42
\$	01050	09%	32%	1.25	0.95	0.90	\$26.96	\$213	0.82
\$\$	00314	11%	36%	0.97	1.12	1.00	\$17.45	\$45	0.99
@	00540	06%	25%	0.72	0.74	0.87	\$22.21	\$117	0.59
RS=F,E	01122	17%	43%	0.97	0.91	0.90	\$11.40	\$153	1.48
RS=P	01049	13%	37%	0.96	0.90	0.86	\$15.11	\$117	1.11
RS=S,R	01291	09%	30%	0.90	0.86	0.81	\$20.93	\$213	0.77
QP +6,7,8	00710	18%	45%	1.04	0.98	0.93	\$11.41	\$153	1.57

There are so many positives with "bx" that it takes another page to print the stats and commentary....

Stat Profile
Blinkers OFF – Continued

FC=1	00375	27%	55%	1.20	1.05	1.00	\$8.92	\$43	2.28
FC>=85	00381	27%	57%	1.19	1.02	0.99	\$8.69	\$43	2.29
Layoff 90+	00506	13%	32%	1.28	0.93	0.78	\$20.28	\$213	1.13
ML0=1	00298	40%	71%	1.01	1.01	0.95	\$5.01	\$11	3.32
Favorites	00321	43%	74%	1.04	1.01	0.97	\$4.83	\$8	3.57
Odds On	00065	63%	83%	1.06	0.96	0.89	\$3.35	\$4	4.38
Odds < 3	00613	34%	66%	1.08	0.99	0.98	\$6.40	\$54	2.76
Odds 3-5	00644	17%	50%	0.91	0.87	0.88	\$10.47	\$14	1.46
Odds 6-9	00549	08%	36%	0.71	0.78	0.86	\$17.63	\$22	0.71
Odds 10-19	00663	08%	29%	1.10	0.85	0.87	\$29.17	\$42	0.66
Odds 20+	00993	02%	14%	0.89	0.91	0.76	\$84.11	\$213	0.20
Alw/Stk	00827	15%	38%	1.03	0.93	0.83	\$14.07	\$105	1.22
Clm	00945	12%	36%	1.05	0.87	0.86	\$17.93	\$213	0.98
Msw	00725	12%	36%	0.73	0.82	0.84	\$12.53	\$117	1.09
Mcl	00965	12%	36%	0.90	0.91	0.89	\$14.87	\$114	1.12
Dirt Spr	01824	12%	37%	0.84	0.84	0.82	\$14.59	\$117	1.01
Dirt Rte	00940	15%	38%	0.92	0.91	0.88	\$12.56	\$105	1.20
Turf Spr	00099	09%	28%	0.82	0.63	0.77	\$18.02	\$46	0.84
Turf Rte	00599	13%	35%	1.30	1.04	0.94	\$19.90	\$213	1.25

Analysis

It's all good news with blinkers OFF. Let's begin with the K-rating as it mirrors public expectation and betting patterns. From top to bottom there is strength, including a profit on the K= 8, 9, which is extraordinary for almost any other facet of the bottom ranks. Interesting that the middle (K) ranks are the weak spots and have big losses. K=1 and K110+ are excellent bets across the board when the blinkers come off. The best news is Class = 1 though, with a strong return and win rate.

Good trainers (TRN > 350) have excellent results with the blinkers off move. This is typical for top conditioners to excel with equipment changes and every handicapper should be aware of it. Notice the workout rating also produces excellent returns with "bx" move. We can surmise in most cases that the hood was off in the morning exercise and the horse was beginning to respond with seeing its surroundings again - and thus the strong Wk rating.

The single value (\$) longshot horses return handsome profits when the blinkers come off and the doubles (\$\$) have excellent Place and Show results – clear indicators that "live longshot" plays are abundant. The "@" plays, those that lost by 20 last out, surprisingly fare poorly with the "bx" though.

The evidence is great for longshots, but all types of favorites also show excellent results and ROI with blinkers off. The *chalk* plays are not too common, but they hit over 40% winners. I listed some odds ranges on the chart also; notice that there are clear profits with any Odds < 3/1 as well.

The routes have an advantage over the sprints, and the turf routes have the most impressive results by far. Maidens don't perform as well with the blinkers off move as non-maidens. Layoff over 90-days is not a detriment to the win% or ROI.

Best advice when confronting a "bx" horse in the entries is to give it extra credit if it is one of the favorites or has a top (K). If the race is a non-maiden route, particularly on grass, the horse is probably ready to run. Longshots need a tandem factor, such as Class=1, strong Wk number or big trainer rating and they make some of the very best price-plays in horse racing.

Stat Profile

Jockey Edgar Prado

Edgar Prado (38), the most prominent member of a Peruvian racing family, was the expected heir apparent to Jerry Bailey when he switched to the New York circuit in 1999 after leading the nation in wins. He has done much to live up to those high expectations and is currently riding at Gulfstream Park facing the toughest jockey competition. Here is how he stacks up during the last 365-days on our stats.

Jockey Edgar Prado / 365-day Stats

Factor	Plays	Win	ITM	WROI	PROI	SROI	\$AvgM	High	I.V.
Play All	01416	20%	50%	0.81	0.82	0.81	\$7.96	\$41	1.70
Favorites	00408	37%	72%	0.82	0.84	0.89	\$4.46	\$8	2.97
ML0=1	00359	37%	69%	0.85	0.84	0.86	\$4.54	\$10	3.02
Odds On	00115	52%	81%	0.85	0.90	0.88	\$3.26	\$4	3.89
K1	00345	36%	69%	0.87	0.83	0.86	\$4.87	\$13	2.88
K2	00258	24%	60%	0.86	0.88	0.87	\$7.29	\$24	1.83
K3	00231	23%	54%	1.08	0.93	0.88	\$9.41	\$26	1.89
K4	00186	11%	46%	0.59	0.76	0.81	\$10.48	\$26	0.90
K5-9	00396	08%	26%	0.62	0.65	0.63	\$21.30	\$41	0.71
K110	00198	39%	76%	0.88	0.88	0.87	\$4.46	\$10	2.89
HF	00029	62%	97%	1.09	1.05	1.03	\$3.52	\$6	4.24
Fr1=1	00195	25%	59%	0.72	0.87	0.83	\$5.88	\$24	1.91
Fr3=1	00184	28%	59%	0.82	0.85	0.83	\$5.90	\$16	2.14
PAC=1	00255	28%	63%	0.87	0.91	0.91	\$6.25	\$41	2.19
PER=1	00288	31%	63%	0.78	0.80	0.81	\$5.07	\$11	2.47
Trn400+	00241	32%	62%	1.00	0.90	0.83	\$6.26	\$26	2.42
Wk80+	00527	24%	56%	0.90	0.85	0.86	\$7.33	\$40	2.02
Wk85+	00196	26%	57%	0.98	0.90	0.86	\$7.72	\$35	2.05
HTR=1	00368	31%	65%	0.84	0.89	0.86	\$5.40	\$24	2.46
\$ or \$\$	00329	10%	31%	0.82	0.88	0.75	\$15.77	\$41	0.87
RS= F,E	00485	23%	56%	0.82	0.93	0.92	\$7.21	\$36	1.86
RS= S,R	00365	18%	44%	0.73	0.80	0.74	\$8.30	\$40	1.48
Alw/Stk	00686	19%	49%	0.75	0.79	0.80	\$7.77	\$36	1.59
Clm	00285	22%	53%	0.80	0.92	0.83	\$7.34	\$35	1.70
Msw	00354	21%	49%	0.83	0.81	0.83	\$7.91	\$40	1.90
Mcl	00091	22%	54%	1.25	0.83	0.81	\$11.36	\$41	1.79
Dirt Spr	00590	21%	53%	0.86	0.83	0.82	\$8.23	\$36	1.63
Dirt Rte	00347	22%	52%	0.83	0.86	0.80	\$7.54	\$40	1.69
Turf Spr	00027	07%	26%	0.17	0.22	0.49	\$4.70	\$6	0.69
Turf Rte	00452	19%	46%	0.78	0.82	0.83	\$8.02	\$41	1.85
Purse100+	00198	18%	46%	0.85	0.86	0.84	\$9.31	\$36	1.57
AQU	00121	23%	55%	0.73	0.87	0.82	\$6.33	\$24	1.83
BEL	00529	24%	56%	0.92	0.88	0.86	\$7.58	\$36	1.89
SAR	00229	19%	52%	0.75	0.79	0.86	\$8.00	\$26	1.54
GP	00339	17%	42%	0.87	0.82	0.75	\$10.49	\$41	1.50

Analysis

Prado is a very solid rider overall and holds his 20% win rate throughout most of the year. He seems to peak at BEL and drops off a bit at GP. As with most popular jocks, he doesn't ride many longshots. His win record with the top-3 (K) is super and holds strong win rates with K=2 and K=3 and even shows a profit with K=3. His weakness is with contending price horses (K=4-5 and \$, \$\$) so he rarely scores with a surprise overlay. His highest price winner during the test period was just \$41 and he had only a handful of others paying over \$20. He is better on dirt than turf and gets extra credit if the Wk rating is strong.

*Tech Tips***New Computer? Try This Trick to Install Latest HTR2 Quickly**

Buying a new computer is tempting these days with prices so low. Even the portable market has some great value with the latest notebooks offering wireless efficiency in a light package for those trips to Vegas or the race book. Nearly every new unit comes installed with Windows XP / SV2 (Service Pack 2) along with a bunch of other crap you don't need in terms of security. Microsoft has gone paranoid now after hackers have attacked like termites through various aspects of the operating system as well as the Internet Explorer browser and the Outlook email programs.

Installing HTR2 on brand new hardware is no big deal though with a few simple steps. Take the approach below to get around the blockade with the Windows security. Part of the problem is that most viruses and other harmful intrusions are hiding in executable files (.exe) and Windows has tightened the security for incoming .exe files. Normally we would first download and install the Demo (Setup.exe) program and then update with the latest version of the HTR2.exe. Turns out you can do it quicker if you reverse the two steps. If you are computer literate, try the method below to get HTR going in 5 minutes on your new hardware →

1) Do not download the Demo first. First step is to create an HTR folder on your new hard drive. You can do this by dbl-clicking 'My Computer' and 'Local disk: C'; then click: FILE / NEW / FOLDER from the dropdown menus (top left) and type in "HTR" for the name of the new folder. Double check your C-Drive to ensure you have the new HTR folder on the hard drive (it will be empty) before continuing.

2) Click or type in the following link:

<http://www.homebased2.com/km/dnl/htr2.exe>

3) **SAVE** the HTR2.exe (latest version) to the new **HTR** folder. Be sure you send the file to the **C:\HTR**. Normally the "SAVE In" box will default to DESKTOP --- do not save the file to the desktop folder!

4) Do not attempt to RUN the new HTR2 file yet. Next step is the easy part, go to our website at www.htr2.com and click on the Demo (Setup.exe). Click RUN or OPEN (*not* SAVE) and the Demo installation will begin automatically. Continue the installation regardless of any security warnings you get from Windows. It will finish quickly and then exit the demo immediately.

5) That's it! You are done. Now click on the HTR2 'binoculars' icon and the newest version should be in view and you can download files into it. The trick was to run the Demo *after* installing the latest .exe version. The Demo will not overwrite a new version of HTR2 but it is needed to deposit important files into Windows system folders.

The old HTR Demo (Full Install - Setup.exe) is almost unbreakable. It is virtually 100% effective for installing the initial system files and a 2004 version of HTR2 onto any computer with operating systems from Windows-95 forward. I am hesitant to upgrade to a newer installation package because we have so many users that are still operating with classic versions of Windows such as Win95, Win98, Win2000 and WinNT. But the 2004 HTR2 version installed by the Demo is outdated and cannot display races after the year 2005, so everyone has to perform 2006 .exe update if they subscribe to the monthly download.

If you have problems with installing HTR2 on a new or existing computer with Windows XP/SV2, be sure to call or email me before you struggle too much, I have dealt with almost every scenario in the past year and owe some customers a great deal of thanks for patiently working through some long hours to get things functioning – it was frustrating - but we fixed up 100% of them. So the technical learning curve is over until Microsoft releases a new version of its operating system later this year. My advice, stay away from new Windows version updates for a time until they fix all the inevitable bugs. If you buy a new computer in the next 18 months, chances are good it will come with Windows XP and you can install HTR with no problem using the method above.

*Back Page*Late News and AnnouncementsHTR Winter Challenge

Congratulations to Daven ("Buckfan") Turner for winning our highly competitive on-line tournament. - *The HTR Winter Challenge 2006*. Daven will receive a free (\$500) entry at the upcoming Orleans Spring event as his grand prize. Michael McKee ("MVM") and John Buckley ("Jbshoulda") finished 2nd and 3rd respectively. Herman Bell ("Kreme") won the ITM contest with over 70% of his picks finishing 1-2-3; and Greg ("Hurrikane") Parrott won the *Last Chance* day money on the final leg of the tourney. We had 64 entrants over 11 days of competition, thanks to everyone for participating and kudos to web master Rick for running a great contest.

Seminar Set for Wednesday July 19

Our annual summer seminar and data workshop has been confirmed by the Gold Coast Hotel in Las Vegas and scheduled for: Wednesday July 19, 2006; 10:00 am – 10:00pm.

HTR is a service of –

KM Software

Voicemail: 714-366-1HTR

Fax: 714-693-3399

Email: kmssoft@earthlink.net

HTR website (software updates): www.htr2.com

www.homebased2.com/km

HTR Monthly Report is an on-line newsletter and is normally completed at the end of each month, then placed on the HTR member (download) web site around the 5th of each month. Monthly subscribers to HTR can view the current newsletter for no charge on-line, Adobe Reader software (free) required. Past issues are available in our website archive library.

Products and services from KM Software

HTR Unlimited Download:	\$119/mo includes the on-line edition of this newsletter.
HTR Monthly Report newsletter:	\$79 for a one year subscription mailed 1 st class.
HTR Software	FREE requires download subscription for use. Download the latest copy of HTR software from our web site.

KM Software has been a licensed business in California since 1994.