

NOTE: Unless otherwise tabled, sons inherited gait from their dams and fillies inherited gait from their sires. A total of 41 mares and 15 stallions, including offspring are involved. While variations in the strengths of gaits might apply, if a mare is diagonal in gait, her sons inherit a diagonal gait. The same is true for the Square and Lateral gaits. There are 3 middle "4-beat" gaits mentioned in this study, they are Square, Lateral, and Diagonal, and there are two "2-beat" gaits that are outside the realm of middle gaits. They are a diagonal and a lateral gait. The Glider gait is separately mentioned and is unique to a certain group within this study. It can either be lateral or diagonal and fits into the lateral or diagonal middle gaing groups. It deserves a special mention as it is extremely difficult to discern with the naked eye and is often mistaken for a 2-beat trot. It is however a 4-beat gait though a weak representation. Whether related or not, certain types of LP/LP horses have routinely displayed a tendency to inherit the Glider gait.

<u>GAIT TABLE FOR MARES</u>	<u>and STALLION USED:</u>	<u>OFFSPRING</u>		
<u>Mare:</u>	<u>Stallion:</u>	<u>Offspring:</u>	<u>Breed:</u>	<u>Birthdate/Sex</u>
(1)Star Mustang 4-beat/SQ	(A)RafsSw.Flame Lp-Appy 2-beat/diagonal	A.PepperStepper 4-beat/SQ	TG/Lp	05/10/93/Male

(2)A LadyBug TG 2-beat/latrI	(B)A.PepperStepper Lp-TG 4-beat/SQ	A.StepAhead 2-beat/latrI)	TG	05/26/00/Male
	(D)A.Storyteller LP/LP 2-beat-glider	OR.Apache 2-beat/latrI A.EagleFeather 2-beat/glider A.BoldEagle 2-beat/glider	TG/Lp LP/LP/TG LP/LP/TG	03/15/02/Male 08/09/01/Female 06/02/05/Female

3)SummerBreeze TG 4-beat-diagnI	(B)A.PepperStepper Lp-TG 4-beat-SQ	A.GrayWolf 4-beat-diagonI	TG/Lp	04/19/03/Male

(4)Creekm'sLpApp Appy 4-beat-latrI	(B)A.PepperStepper Lp-TG 4-beat-SQ	HotPeppers 4-beat-latrI Salt&Pepper 4-beat-latrI PassThePepr 4-beat-latrI	TG/Lp TG/Lp TG/Lp	05/26/97/Male 04/26/98/Male 04/17/99/Male

(5)Creekm's Paso Per.Paso 4-beat-latrI)	(B)A.PepperStepper Lp-TG 4-beat-SQ	HotChiliPepper 4-beat-latrI	TG/Lp	05/19/98/Male

(6)Creekm's Pooh Appy 2-beat-diagnI	(B)A.PepperStepper Lp-TG 4-beat-SQ	P.SeedMuffin 4-beat-SQ	TG/Lp	03/30/99/Female

(7)Piggy Appy 2-beat/glider	(C)Mach's Pure Pride MFT 2-beat-latrI	A.GliderSpider 2-beat/glider A.RoyalKiss 2-beat/glider A.HiddenAgenda 2-beat/glider	TG/Lp TG/Lp TG/Lp	04/23/94/Male 05/21/95/Male 04/26/96/Male

(8)April Appy 4-beat/latrI	(C)Mach's Pure Pride MFT 2-beat-latrI	A.IpiTombi 4-beat/latrI	TG/Lp	04/19/95/Male

(9)Georgi Appy-LP/LP 2-beat-glider	(C)Mach's Pure Pride MFT 2-beat-latrI	A.DirtyHarry 2-beat-glider	TG	05/13/96/Male

GAIT TABLE FOR MARES and OFFSPRING

<u>Mare:</u>	<u>Stallion Used</u>	<u>Offspring</u>	<u>Breed:</u>	<u>Birthdate/Sex</u>
(10) A.HoneyBunny MFT 4-beat-SQ	<u>(C)MachinesPurePride</u> MFT 2-beat-latr1	A.ChBurgess 4-beat-SQ	MFT	1996/Male
		A.BobbinRobin 2-beat-latr1	MFT	1997/Female
	<u>(F)TS.WindWalker</u> Lp-TG 4-beat/-SQ	A.AngelFire 4-beat-SQ	TG/Lp	04/28/98/Male
	<u>(I)A.LoveStory</u> LP-TG 4-beat-SQ	A.CarbonCopy 4-beat-SQ	TG/Lp	04/11/02/Female

(11)Brenda MFT 4-beat	<u>C)MachinesPurePride</u> MFT 2-beat/-latr1	A.Yankee 4-beat	MFT	05/1996/Male
		A.Brit 2-beat-latr1	MFT	Spring 1997

(12)Fancy Arabian 2-beat	<u>(C)MachinesPurePride</u> MFT 2-beat-latr1	A.CrackerJack 2-beat-diagonal	1/2Arab	05/1994/Male
		A.Jetsetter 2-beat-diagonal	1/2Arab	04/1995/Male
	<u>(D)A.Storyteller</u> TG-LP/LP 4-beat-GL/Latr1	A.FairyStory 4-beat-GL/latr1	TG/Lp	06/07/96/Female
		A.FairyTale 4-beat-GL/latr1	TG/Lp	11/14/97/Female
		A.FairDancer 4-beat-GL/latr1	TG/Lp	11/15/98/Female

(13)Rosie TB/Lp-2beat-glider	Ghost Wind Appy-LP/LP 2-beat/glider	Not registered 2-beat/glider	Lp	1996/Male

(14)Appy Leopard Lp/Rn 2-beat/trot	<u>(C)Machines Pure Pride</u> MFT 2-beat/pace	One-Eye 2-beat/pace	Lp/Grade-	05/15/96/Female

(15)A.Vanessa MFT 4-beat/SQ	<u>(D)A.Storyteller</u> TG-LP/LP 4-beat-latr1	A.GoodStory 4-beat/SQ	TG/Lp	04/04/96/Male
	<u>(F)TSWindWalker</u> TG 4-beat-SQ	A.Chinook 4-beat-SQ	TG/Lp	04/04/98/Female
	<u>(G)A.GhostStory</u> TG-LP/LP 2-beat/glider	CH.IrishRose 2-beat/glider	TG/2beat-glider	1999/Female
	<u>(K)A.GhostWind</u> TG-LP/LP 4-beat-GL/latr1	A.Victor 4-beat/SQ	TG/Lp	2007/Male

(16)Toby's Sasapatch TG-LpRn 4-beat-SQ	<u>(D)A.Storyteller</u> TG-LP/LP 2-beat/glider	A.GhostStory 2-beat.glider	LP/LP-TG	06/09/96/Male
		A.LoveStory 4-beat/SQ	TG/Lp	06/26/97/Male
	<u>(F)TSWindWalker</u> TG 4-beat-SQ	A.Heavenly 4-beat/SQ	TG/Lp	05/23/98/Female

(17)Hechisera Peruv.Paso 4-beat-latr1	<u>(D)A.Storyteller (LP/LP)</u> TG-LP/LP 4-beat-glider	TigreStory 4-beat/latr1	TGLp	03/15/99/Male
+++++				
(18)A.Chinook MFT 4-beat-SQ	<u>(D)A.Storyteller</u> TG-LP/LP 2-beat-glider	DragonFly 2-beat-glider	TG/Lp	09/03/02/Female
		<u>(L)A.Zeus(LP/LP)</u> TG-LP/LP 4-beat/diag.	RunningBear 4-beat/SQ	TG/Lp
		FireFly 4-beat-diag.	TG/Lp	04/21/05/Female

<u>Mare:</u>	<u>Stallion Used:</u>	<u>Offspring:</u>	<u>Breed:</u>	<u>Birthdate/Sex</u>
(19)Sabrina Appy 2-beat-diagnl	<u>(D)A.Storyteller</u> TG-LP/LP 4-beat-GL/latr	A.SnowBird 4-beat-GL/latr	TG-LP/LP	04/18/00/Female
(20)Robin MFT 2-beat-latr	<u>(D)A.Storyteller</u> TG-LP/LP 4-beat-GL/latr	OR.Cheyenne 4-beat-GL/latr	TG/Lp	04/04/01/Female
(21)LadysRoyalLeia Appy 2-beat/diagnl	<u>(E)MyColJoeHeadman</u> MFT 4-beat/diagnl	RedmansSumrBreeze 4-beat/diagnl H.Shasta 4-beat/diagnl	TG/Lp TG/Lp	06/14/96/Female 06/27/97/Female
(22)TequilaArriba TG/Lp 4-beat/SQ	<u>(F)TS.WindWalker</u> Lp/TG 4-beat/SQ	A.Pegasus 4-beat/SQ	TG/Lp	05/08/98/Male
(23)A.Jessie TG/Lp 2-beat/latr	<u>(F)TS.WindWalker</u> Lp/TG 4-beat/SQ <u>(G)A.GhostStory</u> LP/LP 4-beat-GL/Latr <u>(I)A.LoveStory</u> Lp/TG 4-beat/SQ	A.TigerLilly 4-beat/Latr A.Zeus A.LoverBoy 4-beat/latr	L/Lp LP/LP/TG Lp/TG	04/25/98/Female 06/09/96/Male 04/30/01/Male
(24)Sunrise K Arab 2-beat/diagnl	<u>(F)TS.WindWalker</u> TG 4-beat/SQ	SunriseWindSt 4-beat/SQ	TG/Lp	06/10/98/Female
(25)GoBoysLace TWH 2-beat/latr	<u>(F)TS.WindWalker</u> TG 4-beat/SQ	Windsong 4-beat/SQ	TG/Lp	06/08/01/Female
(26)L'sMissHaley Appy 2-beat/diagnl	<u>(F)TS.WindWalker</u> TG 4-beat/SQ	Firemist 4-beat/SQ	TG/Lp	01/08/01/Female
(27)Creekm'sPaso Per.Paso 4-beat/Latr	<u>(G)A.GhostStory</u> TG/LPLP 4-beat-GL/Latr	Bravo 4-beat/Latr	TG/Lp	06/01/00/Male
(28)A.FairyStory TG/Lp 4-beat-GL/latr	<u>(G)A.GhostStory</u> TG/LP/LP 4-beat-GL/Latr	A.Butterfly 2-beat/glider	TG/LP/LP (Snowcap homozygous)	05/03/00/Female
(29)BlueMoon MFT 4-beat/diagnl	<u>(G)A.GhostStory</u> TG/LP/LP 2-beat-glider	Eclipse 2-beat-glider	TG/Lp	04/01/02/Female
(30)TobysP.Anne Appy 2-beat/glider	<u>(H)RedHawksStorm</u> Appy 2-beat-glider	Osiris 2-beat-glider A.Winter Fox 2-beat-glider KingTut 2-beat-glider Bellona 2-beat-glider A.Avalanche 2-beat-glider VKSThunderMoon 2-beat-glikder	TG-LP/LP TG-LP/LP TG/Lp TG-LP/LP TG-LP/LP TG-LP/LP	10/31/02/Male 05/29/99/Female 02/20/05/Male 05/06/00/Female 03/04/06/Male 04/28/07/Male

<u>Mare:</u>	<u>Stallion Used:</u>	<u>Offspring:</u>	<u>Breed:</u>	<u>Birthdate/Sex</u>
(31)A.TigerLilly TG/Lp 4beat/lateral	(L)A.Zeus TG-LP/LP4-beat/diag	M.Indy 4-beat-Lateral	TG/Lp	04/23/07/Female

(32)WylersTrialMare PasoFino 4-beat-Latrl	(I)A.LoveStory TG/Lp 4-beat-SQ	PasoLargoFilly 4-beat-Sq	Lp	2001/Female

(33)A.FairyTale TG/Lp 4beat/GL/Latrl	(J)A.LoverBoy (TG/Lp 2-beat-/Latrl	A.OrientExpress 4-beat/GL/Latrl	TG/Lp	03/30/04/Male
	(M)A.GrayWolf TG/Lp 4-beat-Diagnl	A.TrueBrave 4-beat-G/L/Latrl	TG/Lp	08/22/06/Male

(34)A.Butterfly TG-LP/LP 4-beat/GL/Latrl	(J)A.LoverBoy TG/Lp 2-beat/latrl)	Miles 4-beat-G/L/Latrl	TG/Lp	05/25/04/Male
		A.LoverGirl 2-beat/Latrl	TG-Lp	05/29/05/Female

(35)A.Foxy TG-LP/LP 2-beat-glider	(J)A.LoverBoy TG/Lp 2-beat-Latrl	Skip Jack 4-beat/GL/Ltrl	TG/LP/LP	06/06/05/Male
		A.Venus 2-beat-Latrl	TG/Lp	04/30/04/Female

(35)CH.Willow Grade 2-beat/diagnl	(K)A.GhostWind TG-LP/LP 4-beat/GL/Latrl	Sun.T.Kat 2-beat-diagnl	Lp	05/08/03/Male
		A.Lakota 2-bea/diagnll	TG/Lp	05/25/04/Male
		CH.Excalibur 2-beat/diagnl	TG/Lp	04/08/05/Male
		CH.BraveHeart 2-beat/diagnl	TG/Lp	04/20/07/Male

(36)CH.IrishRose TG/-Lp 2-beat/glider	(K)A.GhostWind TG-LP/LP 2-beat-glider	SunTzuGai 2-beat-glider	TG/Lp	07/01/03/Male
		A.Colorado 2-beat/glider	TG/Lp	2007/Male

(37)CH.L.Charm Grade 2-beat/diagnl	(K)A.GhostWind TG-LP/LP 2-beat-glider	CH.Freedom 4-beat-glider	TG/Lp	04/01/03/Female
		CH.Chief 2-beat/diagnl	TG/-Lp	03/25/05/Male

(38)CH.Magic Grade 4-beat/diagnl	(N)A.StepAhead TG/Lp 2-beat/Latrl	CH.Pharaoh(Buster) 4-beat-diagnl	TG/Lp	02/26/05/Male
	(K) A.GhostWind TG-LP/LP 4-beat-G/L/latrl	CH-Merlin 4-beat/diagnl	TG/Lp	05/02/06/Male

(39)A.Heavenly TG/Lp 4-beat/Latrl	(M)A.GrayWolf TG/Lp 4-beat/Diagnl	A.Hallelujah 4-beat-SQ	TG/Lp	07/05/08/Female
	(N)A.Avalanche TG-LP/LP 4-beat-G/L/Latrl	A.HennaRed 4-beat-G/L/Latrl	TG/Lp	06/23/09/Female
	(M)A.GrayWolf	A.HolySmoke 4-beat/Latrl	TG-LP/LP	08/27/2010/Male

(40)A.Venus TG/Lp 2-beat/Latrl	(N)A.Avalanche TG-LP/LP 4-beat/GL/Latrl	Neptune 2-beat/Latrl	TG/Lp	(?)2009/Male

<u>Mare:</u>	<u>Stallion Used:</u>	<u>Offspring:</u>	<u>Breed:</u>	<u>Birthdate/Sex</u>
(41)Creekm'sP.Muffin TG/Lp 4-beat/SQ	(O)Bravo TG/Lp 4-beat/Latrl	CinnamonMuffin 4-beat/Latrl	TG/Lp	04/16/03/Female

(42)Per.Sedona MFT 4-beat-diagnl)	<u>Q)SunTzuGai</u> TG/Lp 4-beat-GL/Latrl	SunTzusPerfec 4-beat-diagnl	(TG-Lp	03/11/07/Male

(43)A.Carbon Copy TG/Lp 4-beat/SQ	A.Avalanche TG-LP/LP 2-beat-glider	A.GaitKeeper 4-beat/SQ	TG/Lp	3/08/2011/Male

(44)A.Journey TG/Lp 4-beat/Latrl	A.Avalanche TG-LP/LP 2-beat-glider	A.AmazingGrace 2-beat-glider	TG/Lp	04/24/2011/emale
