



HYPOTHETICAL: Midnight Lute -- Salt Water Reign
 Based on the cross of Midnight Lute/Deputy Minister and his sons and grandsons

A+
Variant = 4.27

Hypothetical Foal	Midnight Lute, 03 dk b/	Real Quiet, 95 b	Quiet American, 86 b	Fappiano, 77 b	Mr. Prospector, 70 b		
					Killaloe, 70 b		
				Demure, 77 b	Dr. Fager, 64 b		
			Really Blue, 83 ch	Believe It, 75 ch	Quiet Charm, 71 dk b/		
					In Reality, 64 b		
				Meadow Blue, 75 ch	Breakfast Bell, 70 ch		
		Candytuft, 96 b	Dehere, 91 b	Bolt From the Blue, 80 b	Deputy Minister, 79 dk b/	Raise a Native, 61 ch	
					Sister Dot, 85 b	Gay Hostess, 57 ch	
				Blue Times, 71 b	Vice Regent, 67 ch		
			Salt Lake, 89 b	Take Lady Anne, 79 b	Ruhmann, 85 dk b/	Mint Copy, 70 dk b/	Mint Copy, 70 dk b/
						Queen City Lad, 71 b	Secretariat, 70 ch
						Lovita H., 55 b	Sword Game, 76 dk b/
	Salt Water Reign, 04 dk b/	Top Ruhl, 92 dk b/	Tippy Top, 84 b	Mr. Leader, 66 b	Olden Times, 58 b		
				Indian Maiden, 76 dk b/	Cocoblu, 63 b		
			Mountainville, 64 ro	Flying Paster, 76 b	*Sea-Bird, 62 ch		
				*Feria II, 56 b			
				Northern Dancer, 61 b			
				Victoria Regina, 58 ch			
			Bunty's Flight, 53 dk b				
			Shakney, 64 dk b/				

Pedigree Statistics			
Inbreeding Coefficient	2.67%	Pedigree Completeness	99.90%
Coefficient of Relatedness	4.52%	Unique Ancestors	910/2044
Ancestral History Coefficient	8.78		

Notes on terminology in this report: **Inbreeding Coefficient** measures the mating's degree of inbreeding to 10 generations using Wrights F measure. **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to 10 generations. **Ancestral History Coefficient** counts the number of times that an allele has been identical by descent in an individual's pedigree, thus providing a comprehensive reflection of selection for favorable ancestors/traits over time. Individuals with higher AHC are more likely to contain larger proportions of alleles in their genomes that have been positively selected over many generations. **Pedigree Completeness** is the portion of the pedigree that is on file to 10 generations. **Unique Ancestors** is the number of Unique ancestors in the pedigree found to 10 generations. See more here www.truenicks.com/pedigreestatics.htm

Pedigree and racing information provided by:



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Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	46	Weanlings	-	-	-	Starters	45	30	15
Total Starters	46	Yearlings	-	-	-	Winners	29	5	8
		2YOs	-	-	-	SW	3	-	2

Sire		Broodmare Sire	
Sire Name	Midnight Lute	Broodmare Sire Name	Salt Lake
Sire AEI	1.60	Broodmare Sire AEI	1.12
Progeny AWD	7.02 f	Progeny AWD as BM Sire	6.28 f
Chief Earner	Midnight Bisou (\$7,471,520)	Chief Earner	Apapane (JPN) (\$6,487,548)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	68	41	27	796	19,484
Starters (% Foals of Racing Age)	46 (68%)	30 (73%)	16 (59%)	545 (68%)	14,503 (74%)
Winners (% Starters)	35 (76%)	23 (77%)	12 (75%)	399 (73%)	10,548 (73%)
SW (% Starters)	5 (11%)	3 (10%)	2 (12%)	32 (6%)	802 (6%)
Earnings	\$4,945,904	\$3,512,743	\$1,433,161	\$48,785,933	\$1,180,667,870
Avg Distance Raced	6.97 f	6.95 f	7.01 f	7.07 f	6.95 f
Avg Winning Distance	7.03 f	7.10 f	6.87 f	7.02 f	6.88 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
MIDCOURT	Gelding	2015	Midnight Lute/French Deputy	G2SW
MIDNIGHT MILEY	Mare	2012	Midnight Lute/Talk Is Money	G3SW
AHEADBYACENTURY	Horse	2015	Midnight Lute/Touch Gold	SW
HIGH NORTH	Horse	2015	Midnight Lute/Awesome Again	SW
IRISH PRESENCE	Mare	2010	Midnight Lute/Deputy Minister	SW
Oasis At Midnight	Mare	2010	Midnight Lute/Deputy Commander	G3SP
Yankee Division	Gelding	2016	Midnight Lute/Ghostzapper	SP
Taman Guard	Gelding	2013	Midnight Lute/Deputy Minister	SP
Joyful Night	Mare	2015	Midnight Lute/Deputy Commander	SP
Benedict Canyon	Filly	2019	Midnight Lute/Medallist	SP
Madarnas	Gelding	2015	Midnight Lute/Awesome Again	SP
Ilusionista (VEN)	Horse	2016	Midnight Lute/Touch Gold	SP
Midnight Act	Gelding	2016	Midnight Lute/Awesome Again	Wnr
Cash for the Soul	Gelding	2013	Midnight Lute/Ghostzapper	Wnr
Janet's Mae	Mare	2016	Midnight Lute/Awesome Again	Wnr

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