

Falcons Data Sheet

Notebook: Archery Arrow Making

Created: 06/05/2014 19:22

Updated: 31/05/2014 11:30

Number	Initial Weight	Pile weight	Initial Balance	Cut & Barrelled Weight	Sanded Weight	Cut/shod weight	Cut/shod balance	Finished weight	Finished balance
1	348	80	40	270	270	362	28	396	29
2	348	80	40.5	274	270	366	28.5	400	29.25
3	346	80	39.75	274	270	368	28.75	402	29.5
4	348	80	41 F	274 (ouch)	-	-	-	-	-
5	348	80	40.5	274	270	368	28	398	29
6	352	80	40.25	274	270	368	28.25	402	29.25
7	348	80	40.25	274	270	366	28.5	398	29.25
8	350	80	40.25	276	274	368	28.5	402	29.5
9	350	80	40.25	274	270	368	28.5	400	29.5
10	352	80	40	276	274	368	28.5	402	29.5
11	354	80	40.25	280	274	368	28.25	398	29.25
12	354	80	40.25	280	274	368	28.5	402	29.5
Average /Spread	349.83	80	40.20	275		Spread _____gr	Avg _____28.4____58.9_%	Spread _____8____gr Average _____400____	Avg _____29.32____

Initial length _81_cm, balance point _40.5_cm ONO

Pip - "10 grains per lb draw weight" - so for we're looking to reach 470gr for completed arrow.
Sand less for heavier piles!

Final length, tip to string _69_cm; 60% balance point = _27.6_cm

Average balance point _____cm = _____%

Final weight spread _____gr