



Straight Flight

A SUBSIDIARY OF SIERRA NEVADA CORPORATION

Englewood, CO 80112

Weight and Balance

Project #:	10453
Date:	1/18/2022

Aircraft Reg #:	N321PF
Aircraft Make:	Diamond
Aircraft Model:	DA-40
Aircraft Serial #:	40-375

AFTT:	5798.6
TACH:	3784.60
HOBBS:	N/A
GROSS WT:	2,646

ADDITIONS:

1)

DELETIONS:

1) N/A

REFERENCE INFORMATION:

Aircraft was weighed with NO fuel, totally drained, and full engine oil. P/N of scales used is Road Runner 8500914-C1, S/N M1802C, platform scales. Unit 1, S/N M1689D, Unit 2 S/N M1688C, Unit 3 S/N M1687D. Recertification due date 06/31/2022. The Aircraft was weighed per Chapter 8-10-00 of the Aircraft Maintenance Manual. Aircraft was weighed with fuel tanks empty and drained, engine oil was full.

DESCRIPTION	NET WEIGHT	ARM	MOMENT
Nose Wheel	258.00	38.000	9,804.00
Left Main	743.00	107.250	79,686.75
Right Main	747.00	107.250	80,115.75
Unusable(drainable) fuel	6.00	103.500	621.00
Totals	1,754.00	97.051	170,227.50

GROSS WEIGHT	NEW EMPTY WT	NEW USEFUL LOAD	NEW EMPTY CG
2,646.00	1,754.00	892.00	97.05
			%MAC= N/A

Weight and balance performed by:

R. Allen Noel, Inspector _____
 FAA CRS _____