Weight & Balance Change

North Star
AVIATION

North Star Aviation		**Make**	PIPER
3030 Airport Road North		**Model**	PA 28-161
Mankato MN 56001		**S/N**	2842086
(507)625-6006		**Reg. #**	N291MK
FAA Certified Repair Station NUTR521L		**W/O**	2106

EQUIPMENT CHANGE - WEIGHT & BALANCE

Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
Previous Aircraft Empty Weight:	1550.66	85.8105	133062.9
REMOVED			0
GTX-320 TRANSPONDER	-2.24	59.24	-132.6976
			0
INSTALLED			0
GTX-335 TRANSPONDER/WAAS GPS	3	59	177
GA-35 GPS ANTENNA	0.25	89	22.25
			0
			0
			0
			0
			0
			0
			0
			0
			0
Totals	1551.67		133129.4524

A. Old Empty Weight	1550.66	Pounds
B. Old Empty CG	85.8105	Inches
C. Old Empty Weight CG Moment	133062.9	Inch/Pounds
D. Max Gross Weight	2440	Pounds
E. Old Useful Load (INCORRECTLY CALCULATED)	896.34	Pounds

A. New Empty Weight	1551.67	Pounds
B. New Empty CG	85.79753	Inches
C. New Empty Weight CG Moment	133129.5	Inch/Pounds
D. Max Gross Weight	2440	Pounds
E. New Useful Load	888.33	Pounds

This new weight & balance information superseads all previous weight and balance data.
For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.

FAA Form 337 Completed?	Y N
Equipment List Amended?	Y N

STEVEN T. WINTER	**12/17/2017**	NORTH STAR AVIATION CRS NUTR521L
Authorized Signature	**Date**	

PREVIOUS DATA USED FROM WEIGHT AND BALANCE DATED 12-9-2008