

WEIGHT & BALANCE - ARM & MOMENT DATA

N70EF PA28R-200 S/N 28R-7335064

THIS DATA BASED ON EQPT LIST AND WEIGHT/BALANCE DATA DATED 11 JANUARY 2009

ITEM	WEIGHT (Lbs)	ARM AFT DATUM (In)	MOMENT (In-Lbs)
LICENSED EMPTY WEIGHT	1653	84.5	139795
OIL (8 Qts)	15	24.5	
FRONT OCCUPANTS		80.5	
REAR OCCUPANTS		118.1	
FUEL (@ 6 lbs / gal)		95.0	
BAGGAGE		142.8	
MOMENT due to ldg gear retraction	////	////	819

	TOTAL WEIGHT		TOTAL MOMENT

(MAX GROSS WT 2650 Lbs)

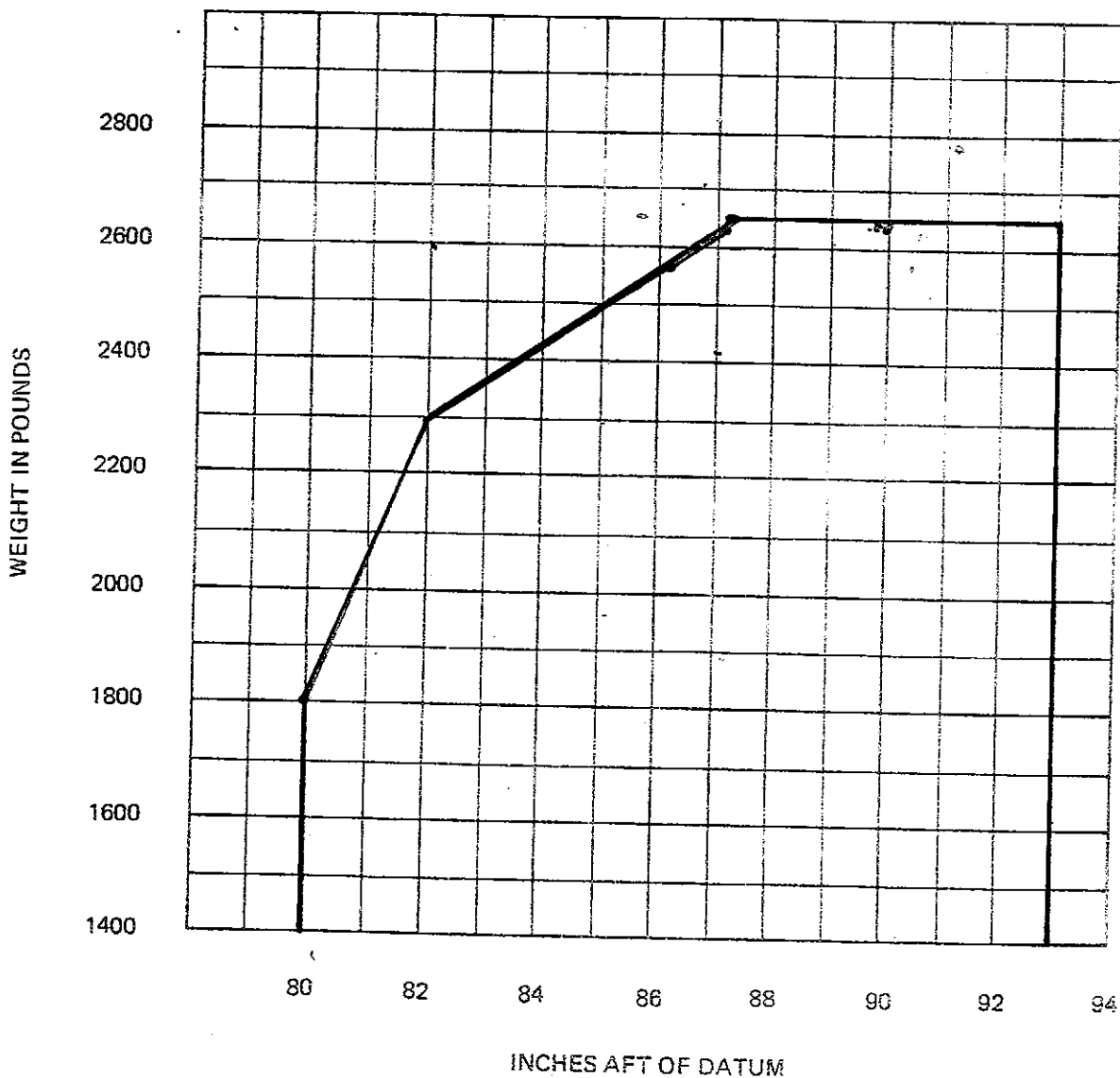
$$\frac{\text{MOMENT}}{\text{WEIGHT}} = \frac{\text{C.G. (plot graph)}}{\quad}$$
 PILOT: _____ DATE / TIME: _____

ARROW

IT IS THE RESPONSIBILITY OF THE OWNER AND PILOT TO ASCERTAIN THAT THE AIRPLANE ALWAYS REMAINS WITHIN THE ALLOWABLE WEIGHT VS. CENTER OF GRAVITY ENVELOPE WHILE IN FLIGHT.

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C. G. RANGE AND WEIGHT



MOMENT DUE TO RETRACTING LANDING GEAR = +819 IN - LBS