

Express Weight & Balance

Worksheet

Aircraft Tail Number N1587B

REFERENCE DATUM LINE
LEADING EDGE OF MAC
MAC

34" FWD OF FIREWALL
STATION # 67
51.3"

MAX FORWARD CG

Station 74.439 %Mac 15%

MAX AFT CG

Station 85 %Mac 35%

Max Weighth of Aircraft

3200

Balance Limits

Forward: Minimum

74.7 at Weight 2015

Aft: Maximum

85 at Weight 3200

	STATION	x	WEIGHT	=	MOMENT
LEFT MAIN GEAR	94.2		691		65092.200
RIGHT MAIN GEAR	94.2		720		67824.000
NOSE GEAR	15.5		455		7052.500
TOTAL EMPTY WEIGHT			1866		139968.700
EMPTY CG	STATION	75.01	% MAC	16%	

FUEL	GAL	90	40	540	21600.000
PILOT SEAT			77	200	15400.000
COPILOT SEAT			77	200	15400.000
PASSENGER			113		0.000
PASSENGER			113	0	0.000
BAGGAGE			145		0.000
BALLAST			145	100	14500.000

TOTAL WEIGHT 2906.00 206868.70

LOADED CENTER STATION 78.17 %MAC 22%

W&B is: Ok to fly