

1976 310R

310R0506 N87297

Santa Ann, CA; D/A: 06/30/17

max gross wt 5500

useful load = 2102

Loaded Aircraft

	Wt	Arm	Moment	Calculated
empty wt	3578	xxx	1323.8	
Tip Tank Fuel	600	xxx	210.0	100 gal
oil	0		0.0	0 quarts
Seat # 1	180	37	66.6	
Seat # 2	120	37	44.4	
Seat # 3	0	68	0.0	
Seat # 4	0	68	0.0	
Seat # 5	41	102	41.8	
Seat # 6		102	0.0	
	0	0	0.0	
Aux Tank Fuel	0	47	0.0	
Locker Fuel	0	49	0.0	
Nose Bag area			0.0	
Bag area b	33	126	41.6	
Bag area C	0		0.0	
Bag area D	0		0.0	
Aft Baggage	0		0.0	
Total Wt.	4552	37.96	1728.2	948 lbs.

PLOT DATA

Envelope	Wt	Arm	Moment
	3500	32.0	1120
	4500	32.0	1440
	5500	38.7	2128.5
	5500	43.1	2370.5
	5100	43.6	2223.6
	3500	43.6	1526
Actual	Wt	Arm	Moment
Loaded A/C	4552	38.0	1728.2
Empty Fuel	3952	38.4	1518.2

Note 1: Shaded areas require manual input

Note 2: A & B tags must be positioned manually

Note 3: Moment values shown as Moment / 100

CENTER OF GRAVITY MOMENT ENVELOPE WORKSHEET

