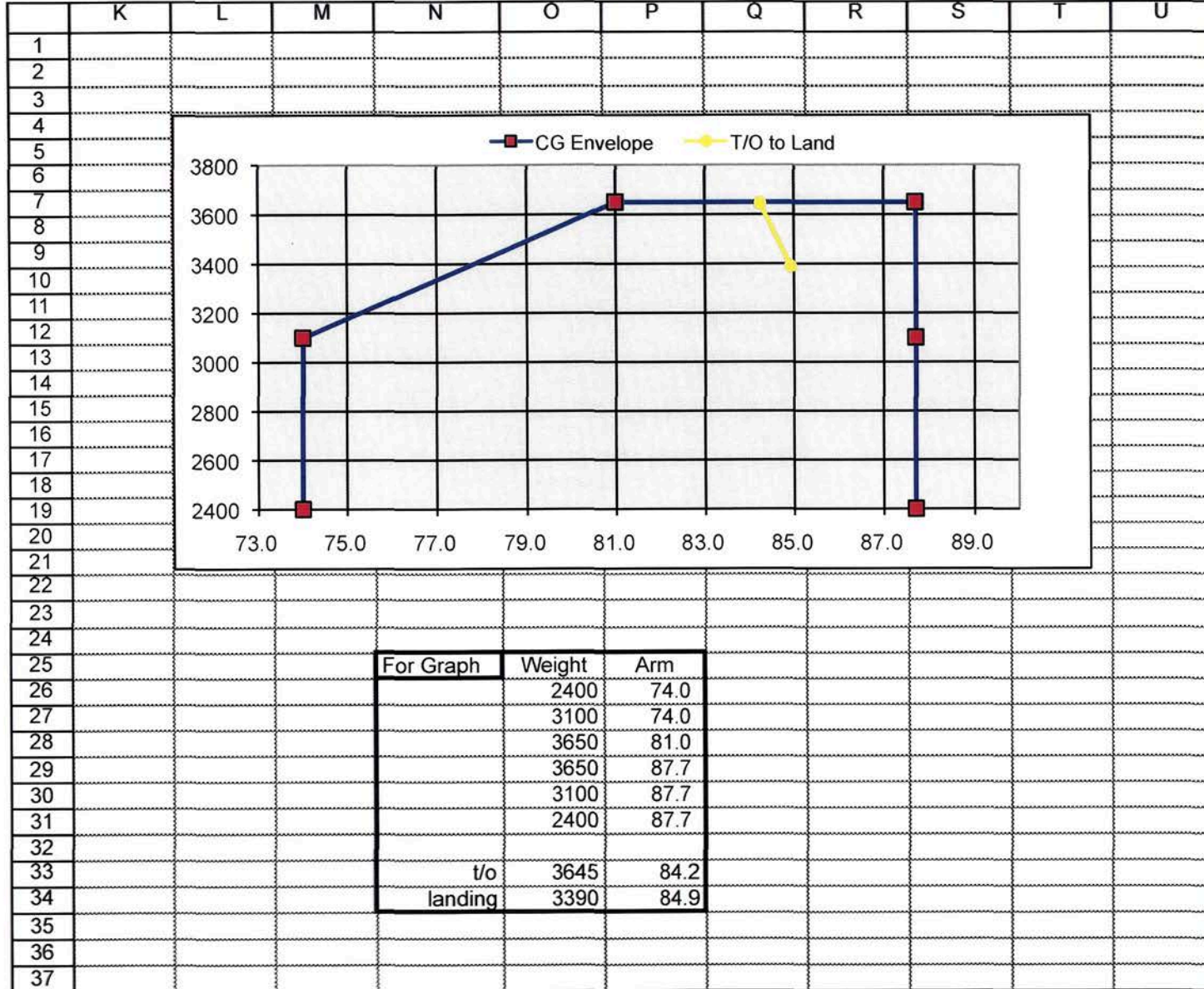


	A	B	C	D	E	F	G	H	I	J
1		Raytheon Beechcraft Bonanza A-36 S/N E2801 - N8225T Weight & Balance								
2										
3		Start fuel (gal):	70	Slots	Max ramp:	3,663				
4		Flight time (min):	170		Max t/o:	3,650				
5		Fuel flow (gal/hr):	15		Endurance:	4:32				
6		Cruise speed:	165		Range (inc res):	583				
7		Reserve (min):	60							
8										
9		Loading	Weight	Arm	Moment/100					
10		Empty weight:	2,472	79.28	1,960					
11		Pilots:	367	78.50	288					
12		Middle pax:	249	113.00	281					
13		Rear pax:	117	152.00	178					
14		Bags (fwd):	23	150.00	35					
15		Bags (aft):	15	180.00	27					
16		Zero fuel weight:	3,243		2,769					
17		Fuel:	420	75.00	315					
18		Ramp weight:	3,663		3,084					
19		Taxy fuel:	-18	75.00	-14					
20		Take-off weight:	3645	OK	3,070					
21		Trip fuel:	-255	75.00	-191					
22		Landing weight:	3,390		2,879					
23										
24		Centre of Gravity			Limits					
25		Take-off (3,645):	84.2	OK	80.9 => 87.7					
26		Landing (3,390):	84.9	OK	77.7 => 87.7					
27										
28		CoG Envelope	Weight	Fwd limit	Aft limit			Passenger Weights:		
29			3650	81.0	87.7			Pax 1 (male)	185	367
30			3100	74.0	87.7			PIC	182	
31			2400	74.0	87.7			Pax 2 (female)	129	249
32		Take-off:	3,645	80.9	87.7			Pax 3 (teen)	120	
33		Landing:	3,390	77.7	87.7			Pax 4 (teen)	117	117
34										
35		Insert Values in		cells				Fuel to slots=35 gallons per side		
36										
37										



For Graph	Weight	Arm
	2400	74.0
	3100	74.0
	3650	81.0
	3650	87.7
	3100	87.7
	2400	87.7
t/o	3645	84.2
landing	3390	84.9