

# AIRCRAFT WEIGHT & BALANCE - EQUIPMENT LIST REVISION

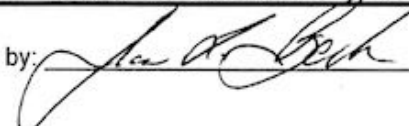
Aeroways Inc

131 N DUPONT HWY • NEW CASTLE, DE 19720

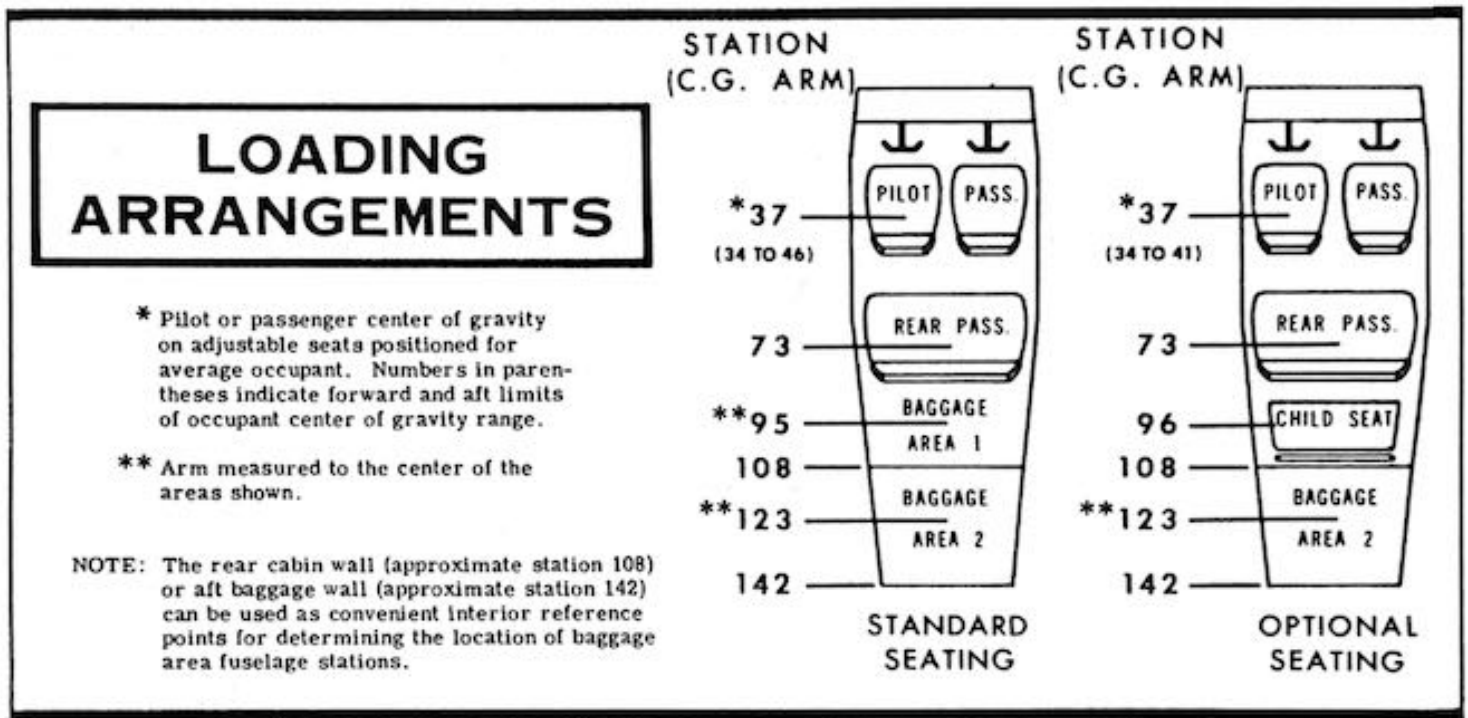
302-324-9970 www.flyadvanced.com

A/C N-NUMBER:	N717G	DATE: (superceded)	1/7/1997
A/C MAKE:	Cessna	TACH:	793.5
A/C MODEL:	172N	MAX WEIGHT:	2300
A/C S/N:	17267597	WORK ORDER:	10356-03-2019
PREVIOUS A/C EMPTY WEIGHT:	1442.10	PREVIOUS A/C MOMENT:	57051.75
PREVIOUS A/C EMPTY C.G.:	39.56	PREVIOUS A/C USEFUL LOAD:	857.90

Equipment Description	Part Number	Serial Number	Weight	Arm	Moment
<b>REMOVED EQUIPMENT</b>			<b>35.30</b>		<b>896.42</b>
Noise Filter	41260-0000	4721	1.00	13.00	13.00
GYRO DG	4000 B-12	36110G	2.40	13.90	33.36
ADF RX	R-546E	26493	2.30	12.10	27.83
ADF LOOP ANTENNA	L-346A	1000	1.40	39.30	55.02
ADF INDICATOR	IN-346A	12909	0.90	14.00	12.60
GLIDESLOPE RX	R-443B	11782	2.10	117.30	246.33
TRANSPONDER RX/TX	RT-359A	462	2.70	11.10	29.97
TRANSPONDER ANTENNA	A-109A	10310	0.30	126.00	37.80
ARC AUDIO PANEL	24700151	1702	1.90	12.50	23.75
NAV/COMM	MX300	4765	6.00	16.00	96.00
COURSE INDICATOR	IN-525A	3864	1.00	16.00	16.00
NAV/COMM	MX300	11223	6.00	16.00	96.00
COURSE INDICATOR	IN-514B	4184	1.00	16.00	16.00
LORAN RX	LRN500	1141	3.09	16.00	49.44
ACK ENCODER	A-30 MOD 4	110389	0.30	12.00	3.60
NAV TRIPLEXER	AV-571	N/A	0.01	12.00	0.12
LORAN-C ANTENNA	NY154	N/A	0.40	118.00	47.20
Comant CI121 Com Antenna	CI121	N/A	0.60	62.00	37.20
Comant CI121 Com Antenna	CI121	N/A	0.60	62.00	37.20
PS Engineering Intercomm	PM100-II	D2110-N	0.60	16.00	9.60
Marker Beacon Rx	R-402A	2110	0.70	12.00	8.40
<b>INSTALLED EQUIPMENT</b>			<b>18.18</b>		<b>368.19</b>
Garmin GTN650 GPS/Nav/Com	011-02256-00	1Z8027588	5.40	16.00	86.40
Garmin GTX335 Mode S Transponder	011-03300-40	3EE421457	2.87	16.00	45.92
Garmin GNC255A Nav/Com	011-02806-00	2A8021457	3.40	16.00	54.40
Garmin GA35 GPS WAAS Antenna	013-00235-00	159008	0.50	42.00	21.00
Garmin G5 ADI	011-03809-00	4JQ027202	0.60	16.00	9.60
Garmin G5 H.S.I.	011-03809-00	4JQ027223	0.60	16.00	9.60
Garmin Standby Bttry Start.	361-00085-00	DM12EN03D00JM	0.20	12.00	2.40
Garmin Standby Bttry Start.	361-00085-00	DM12EN03D00FR	0.20	12.00	2.40
Garmin GAD 29B	011-03236-11	5DL005842	0.40	10.00	4.00
Garmin GMU 11	011-00439-01	56J011450	0.10	43.00	4.30
PS Engineering PMA8000BT Audio Panel	050-890-0702	HBT5425	1.20	16.00	19.20
Garmin GI106B CDI	013-00593-01	C18-12534	1.40	16.00	22.40
Garmin GAE112 Encoder	011-03080-00	3T6008366	0.01	9.00	0.09
Comant CI105 Transponder Antenna	CI 105	89687	0.10	120.83	12.08
Comant CI121 Com Antenna	CI 121	560939	0.60	62.00	37.20
Comant CI121 Com Antenna	CI 121	582339	0.60	62.00	37.20
<b>NEW A/C EMPTY WEIGHT:</b>	<b>1424.98</b>	<b>NEW A/C MOMENT:</b>	<b>56523.52</b>		
<b>NEW A/C EMPTY C.G.:</b>	<b>39.67</b>	<b>NEW A/C USEFUL LOAD:</b>	<b>875.02</b>		

Complied by:  Date: 4/11/19

Total the weights and moments/1000 and plot these values on the Center of Gravity Moment Envelope to determine whether the point falls within the envelope, and if the loading is acceptable.



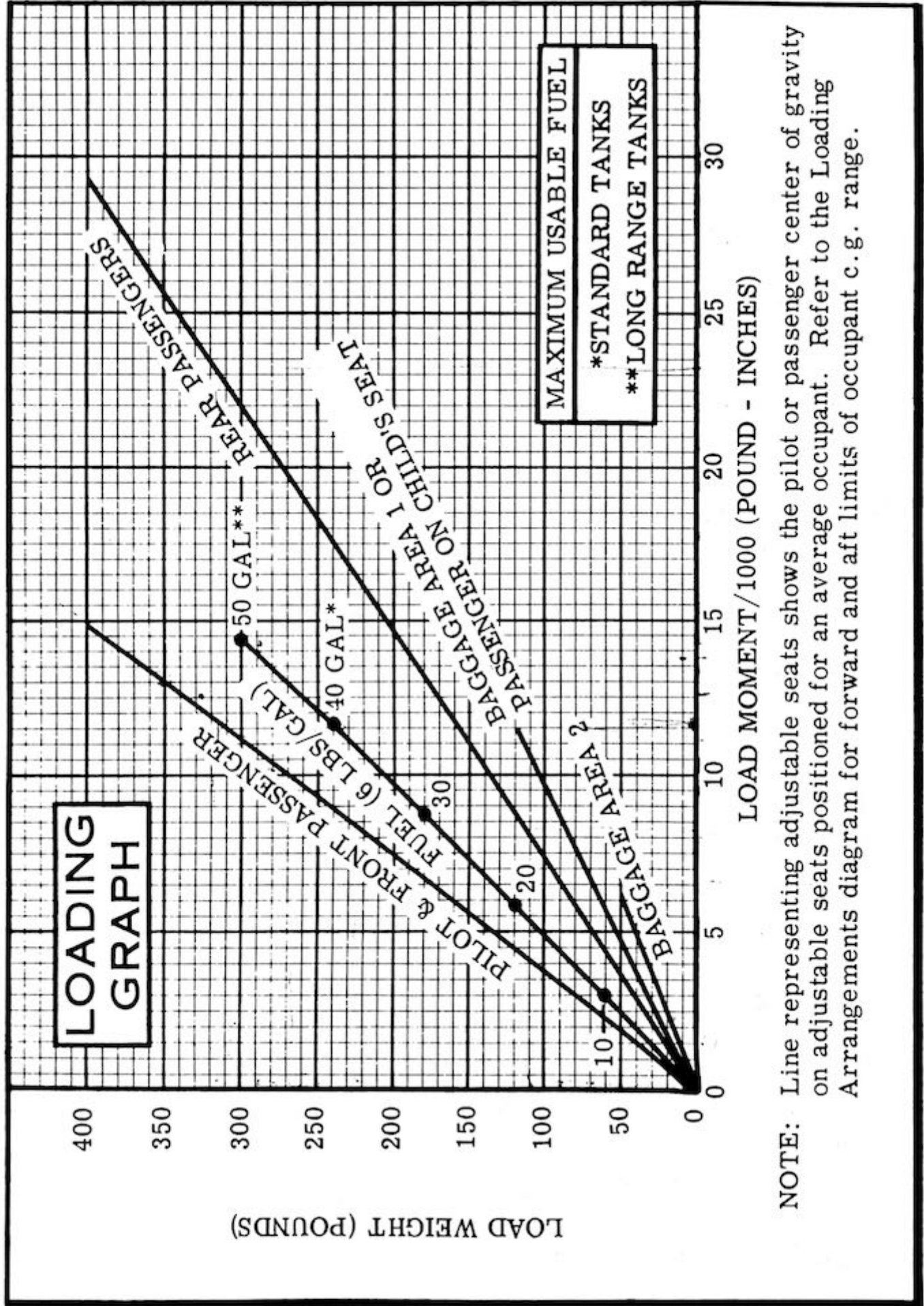


Figure 6-6. Loading Graph

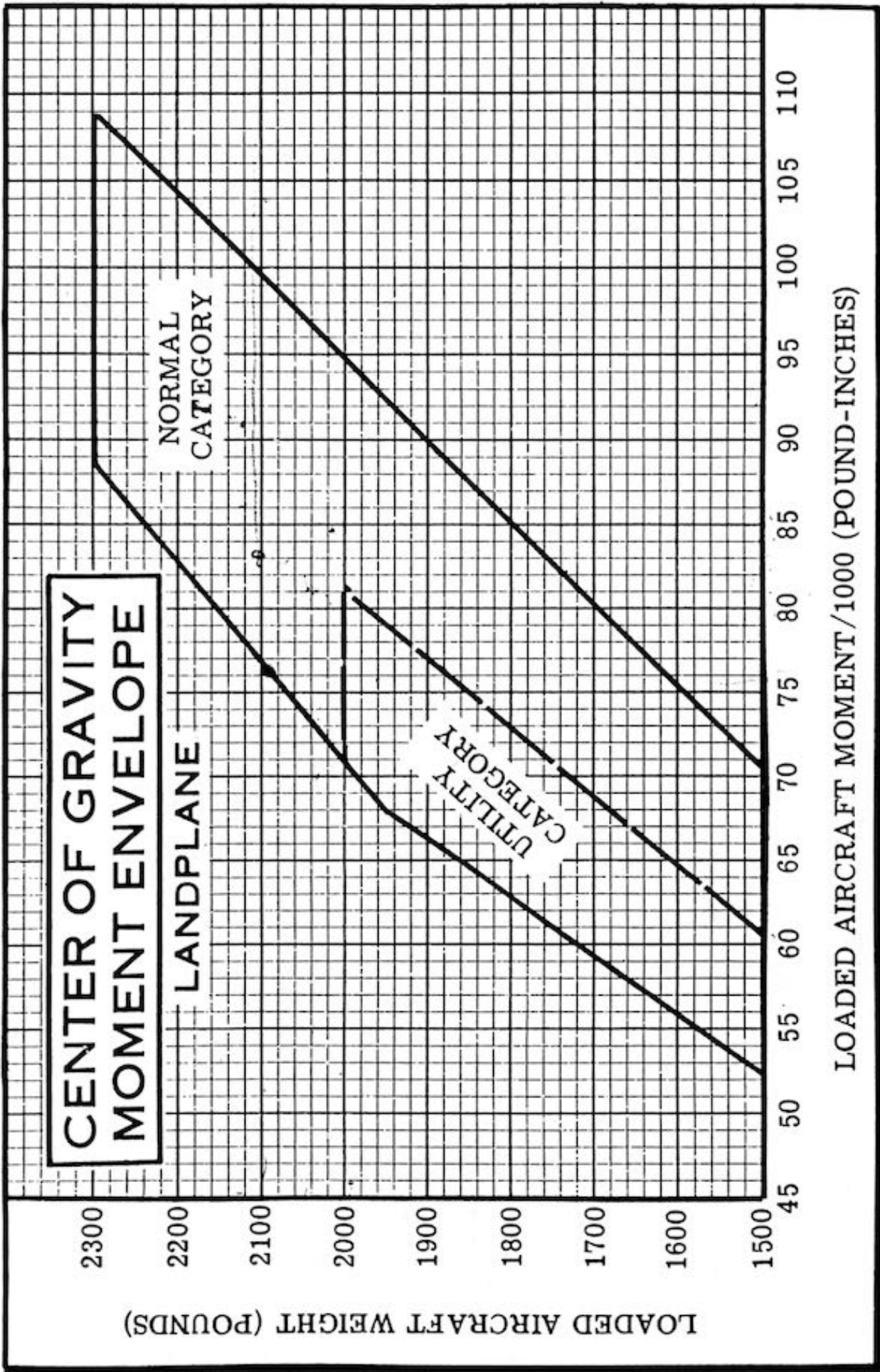


Figure 6-7. Center of Gravity Moment Envelope



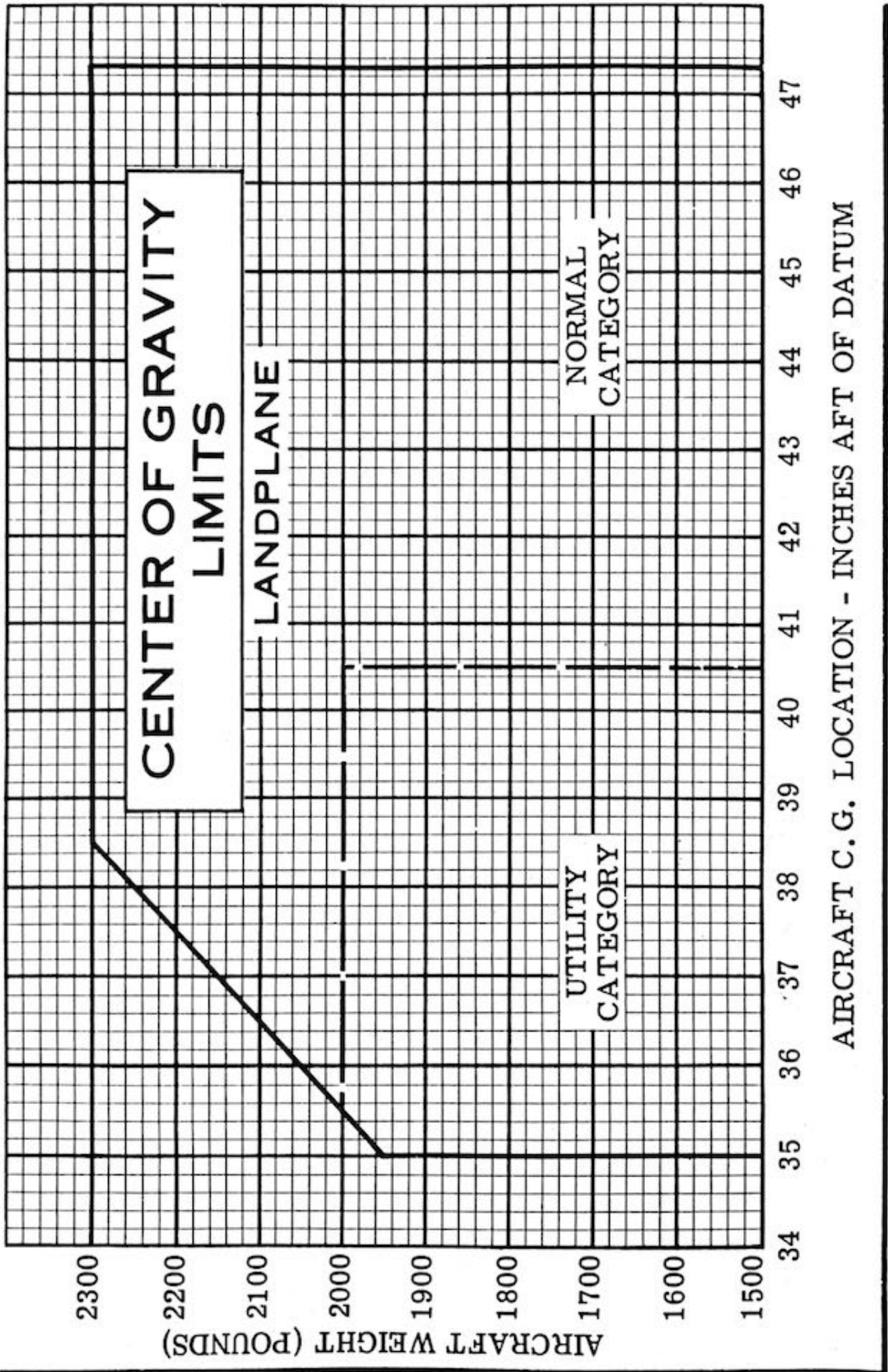


Figure 6-8. Center of Gravity Limits