

LOAD DATA SHEET

DA 735

Organisation :	Mr R Ennis	PA28-181	VH- FRF	Serial No. 28-7890348
Aircraft Type :				
Approved Loading System :	IAW Manufacturer's Approved Pilot Operating Handbook/Flight Manual and Supplements			

Authorised	Date	Date of Expiry	Issue
A. R. Parsons	10.6.2005	Indefinite (CAO 100.7)	Three

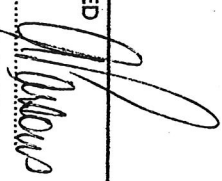
Empty Aircraft Weight and Balance

Item	Weight(kg)	Arm(mm)	Index Units	Configuration
Empty Weight	723.0	2212	1599049	4 Seats
Imperial Units				
Item	Weight(lbs)	Arm(inch)	Index Units	Configuration
Empty Weight	1593.9	87.07	138789	4 Seats

Remarks

Empty : Unusable Fuel and Full Oil.

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APPROVED	
SIGNED	
DATED	10.6.2005
A. R. Parsons	AQ 40
32 Pitt Rd	
Crows Nest, Qld, Australia 4355	
Ph/Fax 07 4698 1297	
Mobile 04 2898 1297	
The Allen Parsons Project	

6-3 LOADING SYSTEM

AEROPLANE TYPE: PA28-181

REGISTRATION: VH- FRF

ISSUE	DATE
TWO	31-10-85

VALID FOR WEIGHTS & ARMS STATED ON 6.2 ISSUE 2
 DATED 31-10-85 & BECOMES VOID ON REISSUE OF 6.2

NORMAL CATEGORY.

1) OCCUPANTS: LOAD FRONT SEATS BEFORE REAR SEATS.
 HEAVIEST PAY. MUST SIT IN FRONT SEAT.

2) BAGGAGE REAR CABIN:

NO. OF OCCUPANTS	MAXIMUM BAGGAGE
1 (PILOT)	91 kg
2	91 kg
* 3	74 kg
* 4	36 kg

NOTE: IF CHILDREN ARE CARRIED IN ROW 2 SEATS, THEN BAGGAGE MAY BE CARRIED UP TO 91 kg MAXIMUM IN CASES MARKED *, PROVIDED THAT TOTAL WEIGHT OF ROW 2 SEAT OCCUPANTS & REAR BAGGAGE DOES NOT EXCEED 151 kg.

3) FUEL: LOAD FUEL AS REQUIRED, PROVIDED THAT MAXIMUM TAKE OFF WEIGHT OF 1156 kg IS NOT EXCEEDED.

UTILITY CATEGORY.

IN CURRENT CONFIGURATION, UTILITY CATEGORY LOADING IS NOT PRACTICAL.

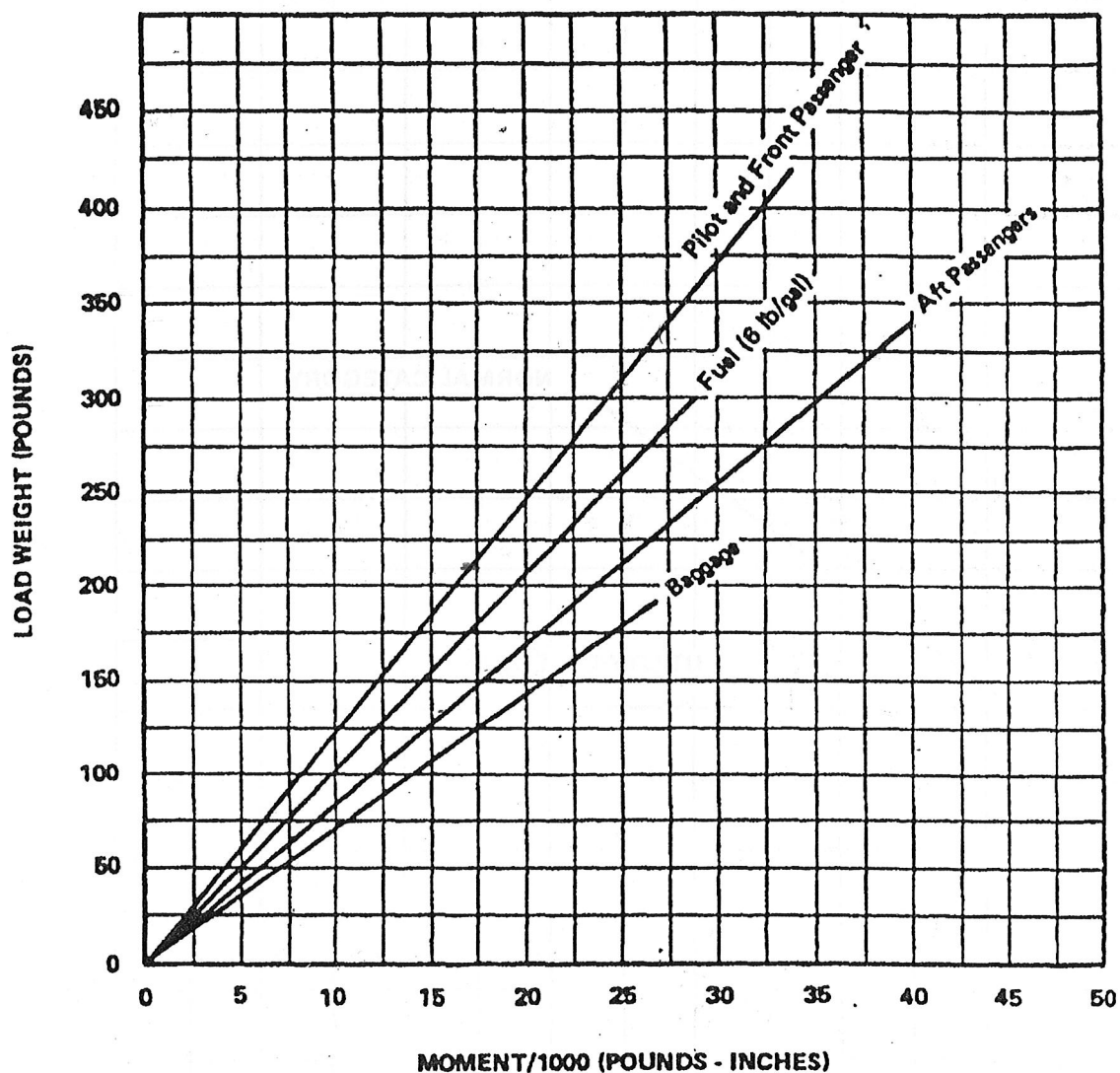
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J.W. LIDDLE
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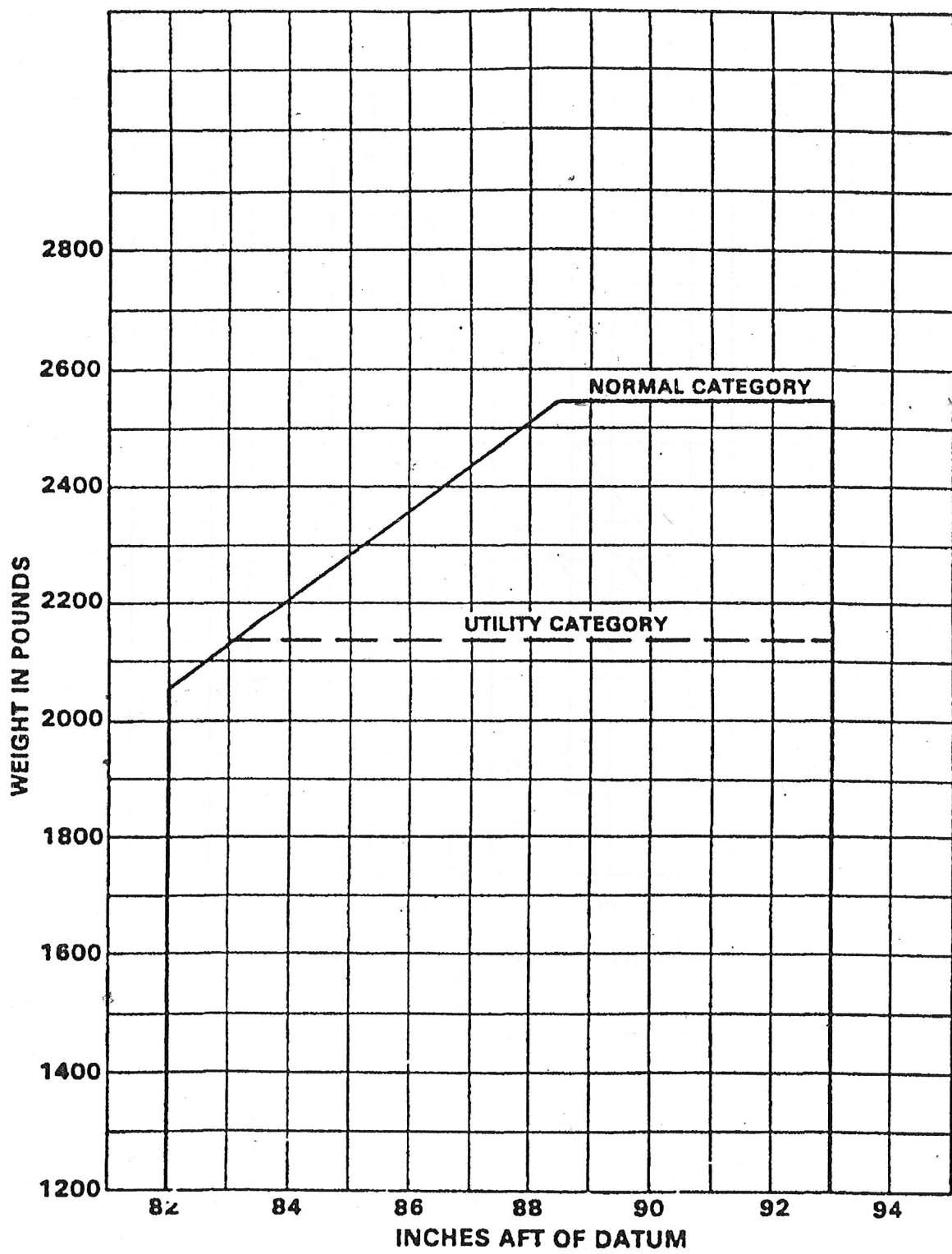
APPROVED PURSUANT TO REGULATION 227
 OF THE AIR NAVIGATION REGULATIONS.

DATE 31-10-85



LOADING GRAPH

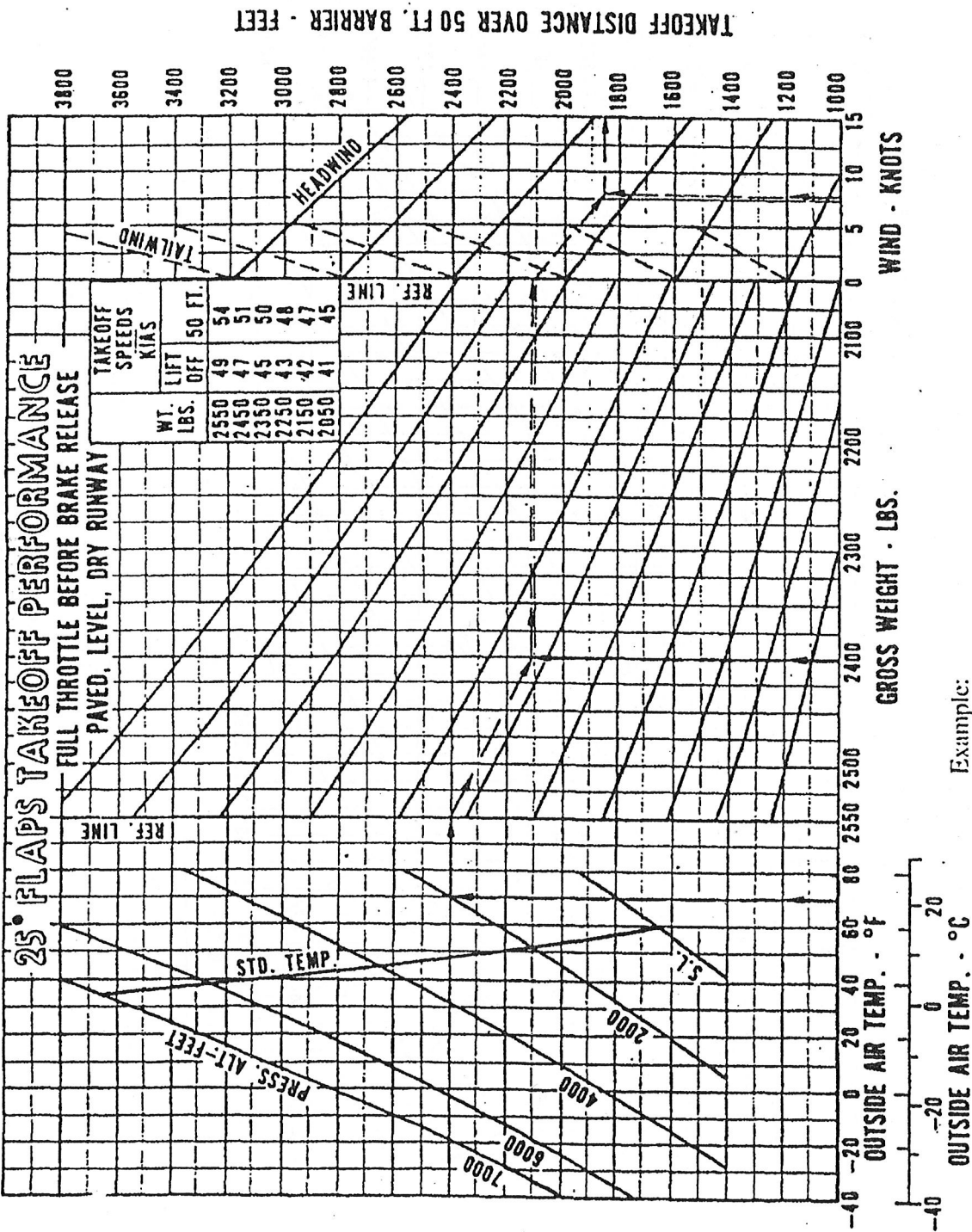
Figure 6-13



C. G. RANGE AND WEIGHT

Figure 6-15

PA-28-181

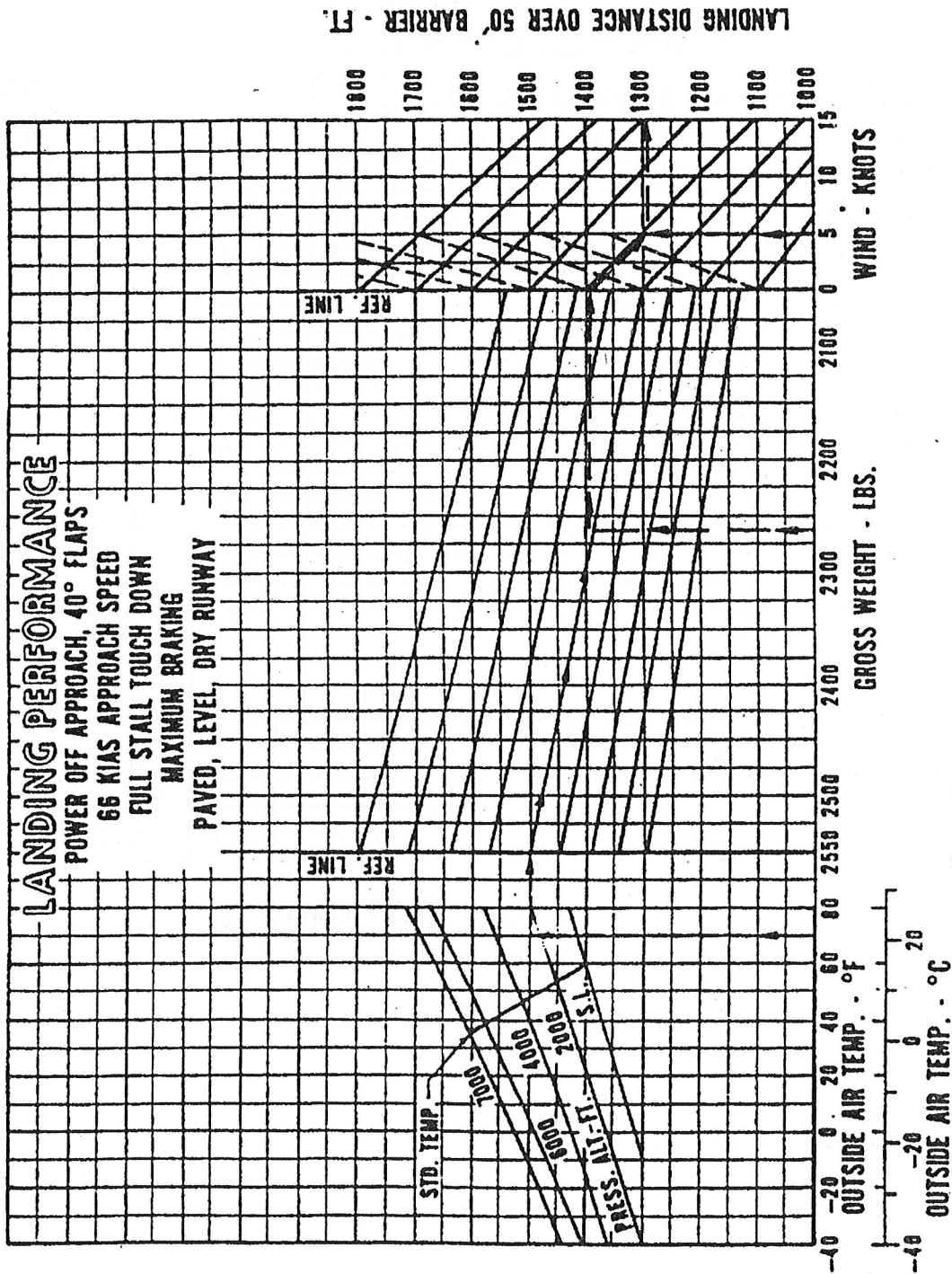


Example:
Departure airport pressure altitude: 2000 ft.
Temperature: 70° F
Gross weight: 2400 lbs.
Wind: 8 knots (headwind)
Takeoff distance: 1860 ft.

25 ° FLAPS TAKEOFF PERFORMANCE

Figure 5-7

PA-28-181



Example:
Airport pressure altitude: 2300 ft.
Gross weight: 2264
Temperature: 70° F
Wind: 5 knots (headwind)
Landing distance: 1290 ft.

LANDING PERFORMANCE
Figure 5-33