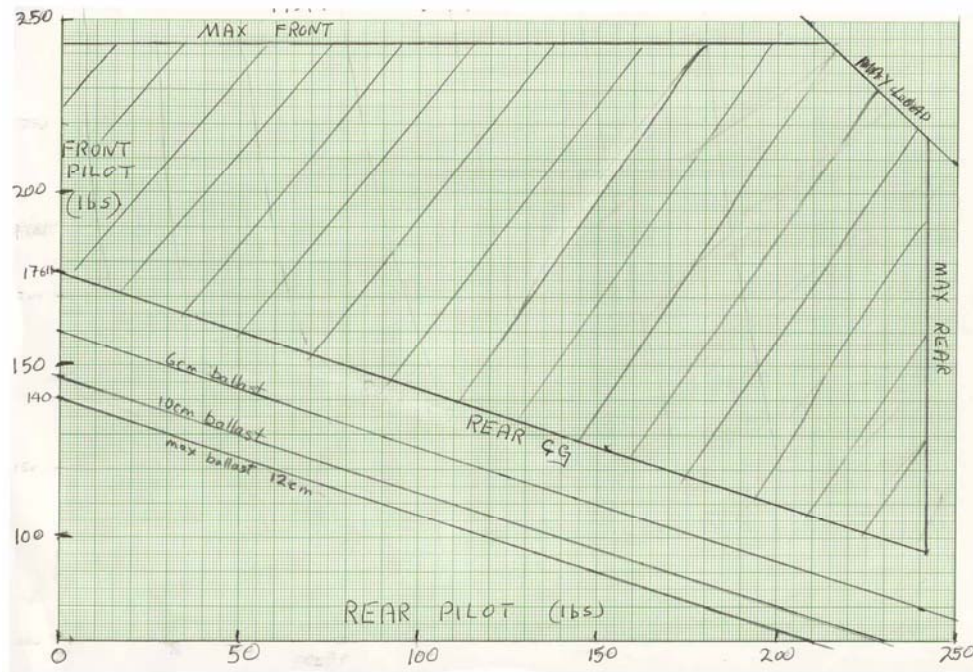


ASK-21

N574KS

Weight and Ballast



Ballast weights

Each 5 cm thick, 12lb, lead block is equivalent to 15lbs pilot weight in the front seat

Each 1 cm thick, 2.2lb, lead block is equivalent to 2.7lb pilot weight in the front seat

Thus six @ 1cm lead blocks are equivalent to 16.5 lb pilot weight in the front seat

Thus two @ 5 cm lead blocks are equivalent to 30 lbs pilot weight in the front seat

Two @ 5 cm plus two @ 1 cm are equivalent to 35.5lb pilot weight in the front seat

Two screws to secure the ballast blocks to the bulkhead are under the front pilot's legs.

Do not use more than 6 cm of lead per ballast screw to ensure adequate thread.

Solo flight allowed only with the pilot in the front seat.

Minimum solo pilot weight with no ballast is 176 pounds

Minimum solo pilot weight using 12 cm of lead ballast is 140 pounds

Maximum pilot weight per seat belt is limited to 242 pounds

Maximum total load: passengers + luggage + ballast is 457.5 pounds