

Blank form of Load sheet & Balance chart

REGISTRATION:

OE-CPS

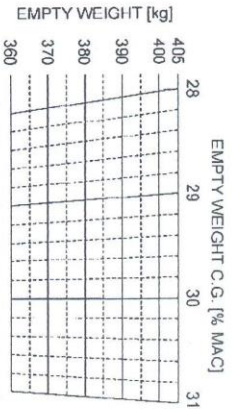
F-C-02AM

EMPTY C.G.	29.2	% MAC
ITEM	ITEM WEIGHT	SCALE DIVISION AND MOTION DIRECTION
AIRCRAFT EMPTY	399.8	
PILOT		5 kg ▽
PASSENGER		5 kg ▽
BAGGAGE COMPARTMENT		1 kg ▽
WING LOCKERS		5 kg ▽
FUEL IN TANKS		5 kg ▽
TAKEOFF WEIGHT		
ZERO FUEL WEIGHT		

NOTE:
CONVERSION OF THE FUEL
VOLUME TO WEIGHT UNIT:
1 LITER = 0.72 kg

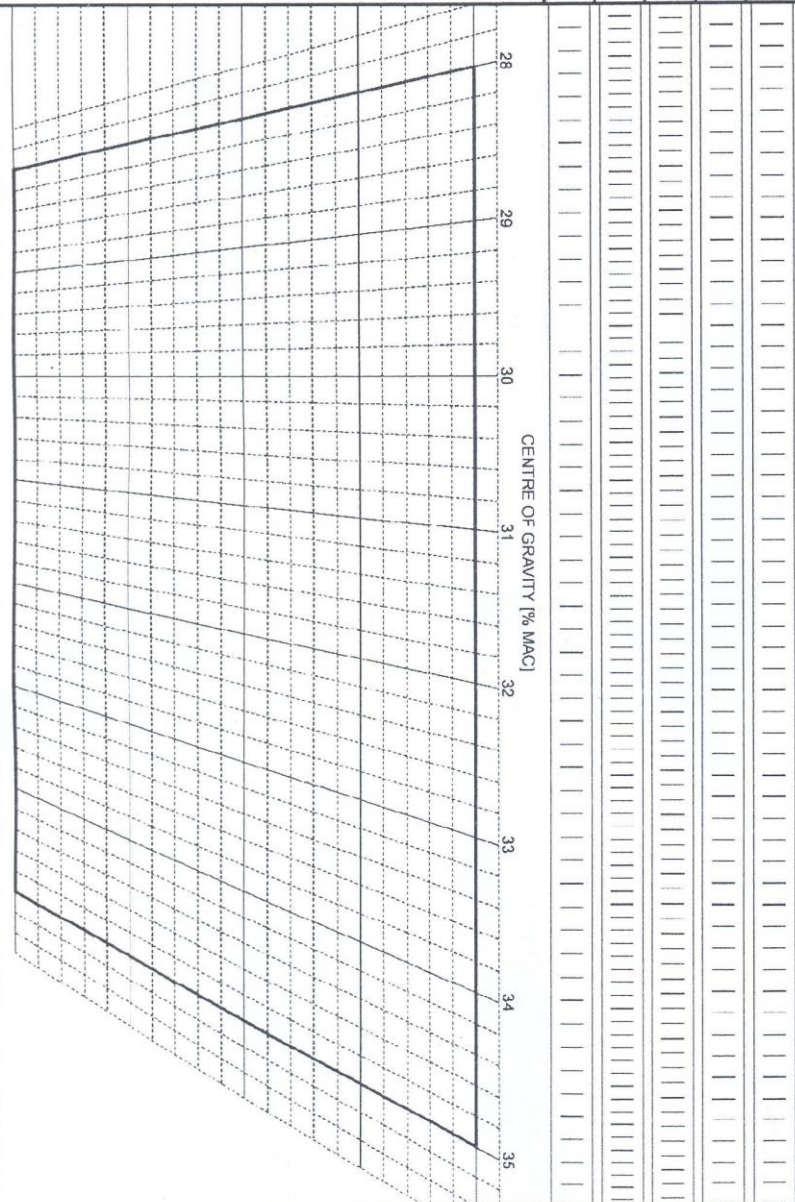
DATE:
PILOT:
SIGNATURE:

WEIGHT [kg]
500
450
400



LOAD SHEET & BALANCE CHART

NOTE: EMPTY C.G. RANGE 28.5 - 29.5% MAC
OPERATING C.G. RANGE 28 - 35% MAC
MAX. TAKEOFF WEIGHT 600 kg
MIN. PILOT WEIGHT 55 kg



Blank form of Loading and C.G. check

WEIGHT & BALANCE RECORD

Aircraft C.G. check table

ITEM	WEIGHT kg	ARM mm	MOMENT kg mm
EMPTY AIRCRAFT	399,8	45,278	18102,100
PILOT		700	
PASSENGER		700	
BAGGAGE COMPARTMENT		1,310	
WING LOCKERS		600	
FUEL IN TANKS		180	
TOTAL	$W_T =$	$C.G. =$ mm % MAC	$M_T =$

NOTE:

Empty weight is including oil, coolant, hydraulic fluid and unusable fuel.

Maximum fuel quantity in wing tanks (114L=82.1kg) is used for most forward C.G. calculation.

Zero fuel quantity in wing tanks is used for most rearward C.G. calculation (in case of total fuel depletion).

Max. takeoff weight : 600 kg

Max. weight in baggage compartment : 18 kg

Max. weight in each wing locker : 10 kg

Operating C.G. range : 420 to 525 mm / 28 to 35 % of MAC

MAC : 1,500 mm

MOMENT (kg mm) = WEIGHT (kg) x ARM (mm)

$$\text{AIRCRAFT C.G.} = \frac{M_T}{W_T} \text{ (mm)} \times \frac{100}{\text{MAC}} \text{ (\% of MAC)}$$

Registration:	OE-CPS
Serial No.:	C 0498
Date:	18.04.17
By:	Salamo Flugzeugservice GmbH.

REGISTRATION:

EXAMPLE:

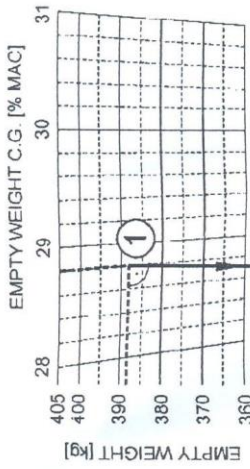
EMPTY C.G.	28,8	% MAC
ITEM	ITEM WEIGHT	SCALE DIVISION AND MOTION DIRECTION
AIRCRAFT EMPTY	387 kg	
PILOT	85 kg	5 kg ▷
PASSENGER	65 kg	5 kg ▷
BAGGAGE COMPARTMENT	10 kg	1 kg ▷
WING LOCKERS	10 kg	5 kg ▷
FUEL IN TANKS	43 kg	5 kg ◁
TAKEOFF WEIGHT	600 kg	
ZERO FUEL WEIGHT	557 kg	

NOTE:
CONVERSION OF THE FUEL VOLUME TO WEIGHT UNIT:
1 LITER = 0.72 kg

DATE: *EXAMPLE*

PILOT:

SIGNATURE:



LOAD SHEET & BALANCE CHART

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