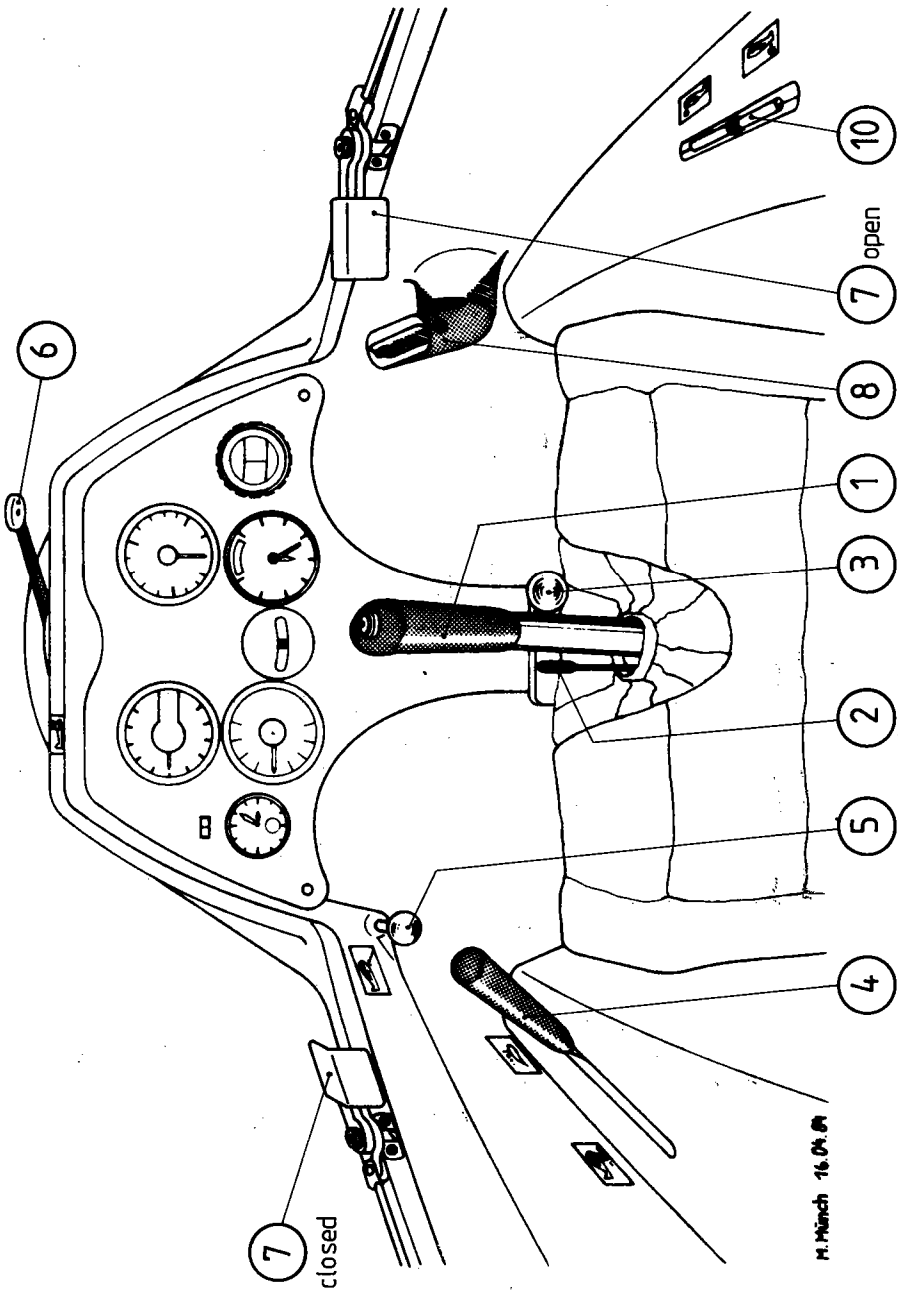


IV. NORMAL OPERATION PROCEDURES

IV.1 COCKPIT AND OPERATING LEVERS

Front seat:

- no. 1: Stick.
- no. 2: Trim; flat lever with green knob LH of stick.
- no. 3: Rudder pedal adjustment; grey knob at the console.
- no. 4: Airbrakes with wheelbrake; blue lever in the LH arm rest.
- no. 5: Release device LH below canopy frame, yellow knob.
- no. 6: Canopy emergency jettisoning; horizontal lever with red, flat knob above instrument panel cover; to the left = OPEN.
- no. 7: Front canopy locking:
White levers LH and RH on canopy frame
OPEN canopy: move lever backwards
LOCK canopy: move lever forward until parallel with canopy frame
- no. 8: Ventilation nozzle; RH below canopy frame, pivoted and may be shut.
- no. 9: Back rest; the back rest may be adjusted by tilting the bottom upwards and forwards, see sketch page 20.
In its normal position the back rest cannot shift. Verry tall pilots may fly without back rest.
- no. 10: Trim indicator; in the right arm rest behind the ventilation nozzle.

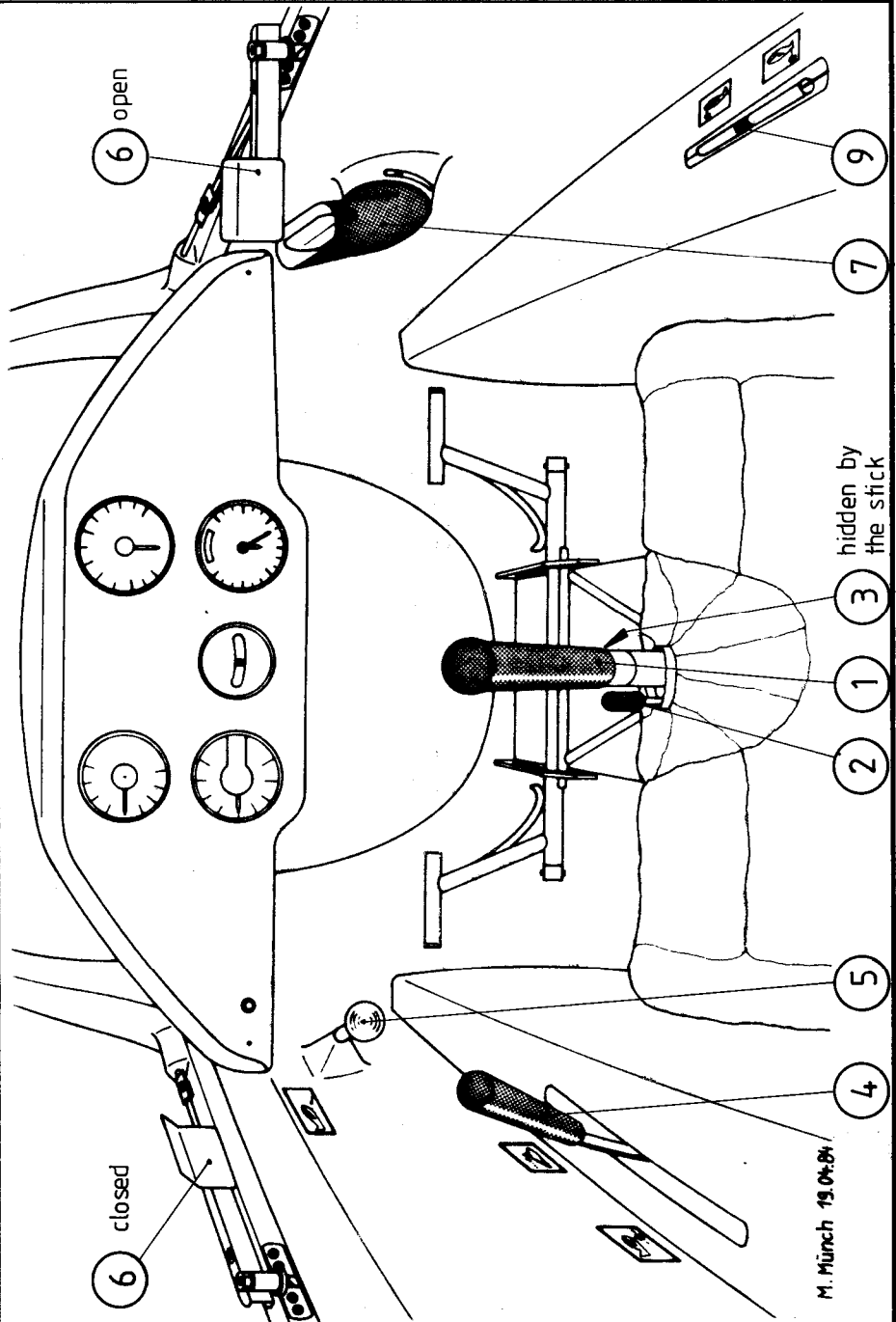


ASK 21 - Flight Manual

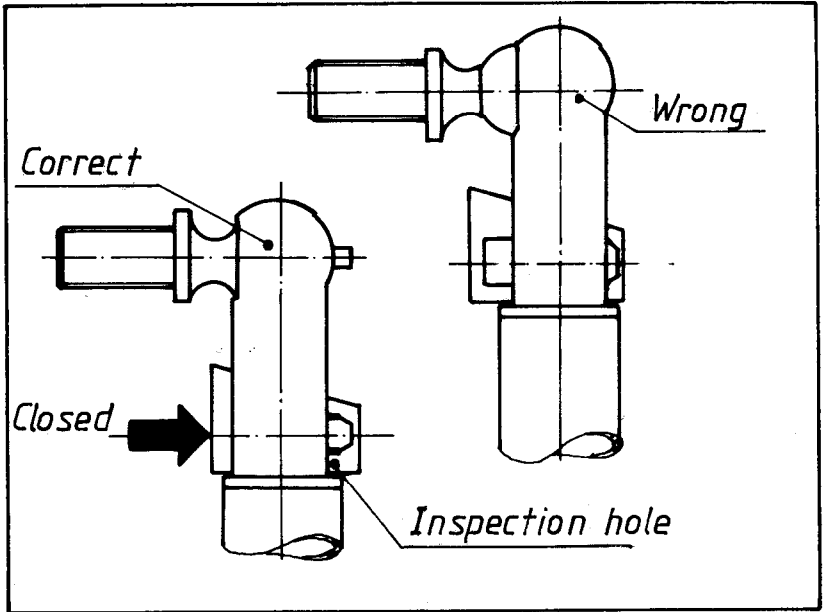
Rear seat:

- No.1: Stick.
- No.2: Trim; flat lever with green knob LH of stick.
- No.3: Rudder pedal adjustment with circular grip in front of stick.
- No.4: Airbrakes with wheelbrake; blue lever in the left arm rest.
- No.5: Release cable; yellow knob on left cockpit wall below the canopy frame.
- No.6: Rear canopy locking = Canopy emer-
gency jettisoning;
red swivel levers on left and right canopy frame.
To open canopy: pull back both levers.
To lock canopy: push both levers for-
wards, parallel to the canopy frame.
- No.7: Ventilation nozzle; on right cockpit wall below the canopy frame; revolving and lockable.
- No.8: Back rest; the back rest is adjustable by tilting it from the bottom upwards and forwards (see sketch); in normal flight attitudes the back rest cannot shift by itself.
Very tall pilots may fly without the back rest.
- No.9: Trim indicator; in the right arm rest behind the ventilation nozzle.

ASK 21 Flight Manual



Placard no.7



XIII DESCRIPTION OF SYMBOLIC PLACARDS



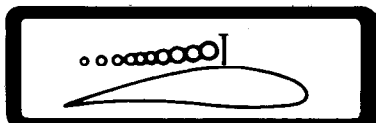
Rudder pedals adjustment:
grey knob on the RH side
of the console.

To adjust pedals backwards:

Take your feet off the pedals and pull pedals back-
wards. Then let go the grey knob and load the pe-
dals in order to lock them.

To adjust pedals forwards:

Pull grey knob and push pedals forwards with your
heels. Then let go the grey knob and load the pe-
dals in order to lock them.



Airbrakes:
blue lever in the LH arm
rest. Pull to extend air-
brakes.



Trim : noseheavy



Trim : tailheavy



Tow release :
Yellow knob LH below cano-
py frame



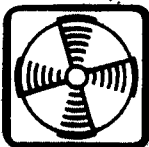
OPEN front canopy :
Move white levers LH and
RH on canopy frame back-
wards.



EMERGENCY JETTISONING of front canopy:
Push lever with red flat knob to the left.



OPEN rear canopy and/or EMERGENCY JETTISONING:
Move red levers LH and RH on canopy frame backwards.



Ventilation

Prior to take off check the proper engagement of the canopy locks! forward=locked

This placard must be fitted in the front and rear cockpit in full view of the pilot.

XIV APPENDIX

XIV.1 Equipment List

Minimum equipment

1. Airspeed indicator

a. Winter	GW 6005	50 to 350 km/h
b. PZL	PS 08	50 to 350 km/h
c. Winter	6 FMS 4	50 to 300 km/h
d. Winter	6 FMS 421	0 to 300 km/h
e. Winter	6 FMS 5	50 to 300 km/h
f. Winter	7 FMS 4	50 to 300 km/h
g. Winter	7 FMS 5	50 to 300 km/h

2. Altimeter

a. Winter	4 HM 6
b. Winter	4 FGH 10
b. PZL	W-12 s
d. Winter	4 FGH 20

3. Safety harness

a. Gadringer	Bagu V-B/1 Schugu II-C/V Bogu I-B/V vorne Bogu I-A/V hinten
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b. Schroth

Additional minimum equipment for aerobatics

a. G-meter	BM 770 L
b. G-meter	AM 10
c. G-meter	BM 470 - 2
d. G-meter	BJ 10 - 2
e. G-Meter	G 510
f. G-Meter	GM 510 - 2

Additional minimum equipment for cloud flying

Turn & bank indicator Apparatebau Gauting WZ - 402/31

Compass	Ludolph FK 5
	Ludolph FK 16
	PZL BS-1
	PZL B 13 / KJ

VHF - transceiver

a. Dittel	FSG 15/25
b. Dittel	FSG 16/25
c. Dittel	FSG 40 S
d. Becker	AR 2008/25
e. Becker	AR 2009/25
f. Avionik Dittel	ATR 720
g. Dittel	FSG 71 M