ENGINE POWER LOSS

- Carburator heat - on
- Electric fuel pump - on
- Magnetos – check both
- Throttle – present position

No improvement:
- Prepare for emergency
  landing

LOSS OF OILPRESS

Oiltemperature normal
- Land at nearest airfield

Oiltemperature rising
- Reduce power
- Prepare for emergency
  landing

LOSS OF FUEL PRESS

- Electric fuel pump - on
- Prepare for emegency landing

RESTART ENGINE

Propeller windmilling
- Speed – 70 KIAS
- Wing flaps – T/O
- Propeller – max. RPM
- Fuel valve – open
- Ignition switch – both
- Electric fuel pump – on
- Throttle – 2 cm open

If engine does not start
- Throttle - idle
- Choke – on
- Ignition switch - start

RESTART ENGINE

Propeller at full stop
- All electric – off
- Master switch – on
- Propeller – max. RPM
- Fuel valve – open
- Electric fuel pump – on

Cold start
- Choke – on
- Throttle – idle

Warm start
- Choke – off
- Throttle – 2 cm

- Ignition switch - start

EMERGENCY LANDING POWER OFF

- Speed – 65 KIAS
- Fuel valve – closed
- Ignition switch – off
- Seat belts – fastened
- Radio – transmit position
- Master switch – off

GLIDE

- Wing flaps – T/O
- Speed – 72 KIAS

Glide distance
2,5 NM / 1000 ft (no wind)

ENGINE FIRE DURING START UP

- Fuel valve – closed
- Throttle – full open
- Master switch – off
- Ignition switch - off
- Evacuate airplane

ENGINE FIRE DURING FLIGHT

- Fuel valve - closed
- Speed – 70 KIAS
- Wing flaps – T/O
- Throttle – full open
- Electric fuel pump - off
- Cabin heat – closed
- Emergency landing power off

ELECTRICAL FIRE/SMOKE ON GROUND

- Master switch - off

If engine running
- Throttle – idle
- Fuel valve – closed
- Ignition switch – off
- Canopy – open
- Fire extinguisher – as required

ELECTRICAL FIRE/SMOKE DURING FLIGHT

- Master switch - off
- Cabin air – open
- Fire extinguisher – as required

CABIN FIRE DURING FLIGHT

- Master switch – off
- Cabin air – open
- Cabin heat - closed
- Fire extinguisher – as
  required
- Land as soon as possible

TRIM RUNAWAY (DA20)

- Control stick – maintain
  control of airplane
- Trim circuit breaker – pull
- Rocker switch – check if
  depressed

*For full emergency procedure
checklists see
A/C FLIGHT MANUAL
Chapter 3*