

FLIGHT DECK PREPARATION

- 1 Outside check..... COMPLETED
- 2 Airplane papers..... ABOARD and CHECKED
- 3 Magnetos..... OFF
- 4 Electrical switches..... OFF
- 5 Circuit breakers..... CHECKED
- 6 Fuel check:
 - Quantity..... CHECK ENDURANCE
 - Fuel valve..... ON
 - Mixture..... FULL RICH

ENGINE START

- 1 Seat belts..... ON
- 2 Carburetor heat..... OFF (COLD)
- 3 Primer (cold engine only)..... PUMP according OAT, then LOCKED
- 4 Throttle..... OPEN 1 cm (Pump acc. eng.-temp.)
- 5 Ignition..... BOTH
- 6 Brakes..... APPLY
- 7 Controls..... PULL
- 8 Command..... "Kontakt / Bremse"
- 9 Throttle..... 1000 RPM
- 10 Oil pressure..... CHECKED

AFTER ENGINE START

- 1 Avionic switch..... ON
- 2 Avionic and intercom..... SET
- 3 Flight instruments..... CHECKED

TAXI CHECK

- 1 Brakes and steering..... CHECKED

RUN UP CHECK

- 1 Brakes..... APPLY
- 2 Run up:
 - Throttle..... 1600 RPM
 - Magnetos..... CHECKED (max drop 125 RPM)
 - Carburetor heat..... CHECKED
 - Throttle idle..... CHECK RPM
 - Throttle..... 1000 RPM



BEFORE DEPARTURE

- | | | |
|---|-------------------------|-------------------------|
| 1 | Flight controls | FREE & CORRECT |
| 2 | Trim | CHECKED & SET |
| 3 | Fuel check: | |
| | • Quantity | CHECK ENDURANCE |
| | • Fuel valve | ON |
| | • Mixture | FULL RICH or BEST POWER |
| 4 | Carburetor heat | OFF (COLD) |
| 5 | Door | CLOSED AND LOCKED |
| 6 | Take off briefing | COMPLETED |

LINE UP

- | | | |
|---|------------------|---------|
| 1 | Approach | CLEAR |
| 2 | Wind | CHECKED |
| 3 | Time check | PERFORM |

CLIMB CHECK

- | | | |
|---|-------------------|---------|
| 1 | Climb power | SET |
| 2 | Climb speed | CHECKED |
| 3 | Mixture | SET |

CRUISE CHECK

- | | | |
|---|--------------------------|---------|
| 1 | Altimeter | SET |
| 2 | Power | SET |
| 3 | Mixture | SET |
| 4 | Engine instruments | CHECKED |
| 5 | Fuel quantity | CHECKED |

DESCENT CHECK

- | | | |
|---|----------------------------------|---------------------|
| A | Atis | NOTED |
| B | Briefing | COMPLETED |
| C | Circuit breakers and cabin | CHECKED AND SECURED |
| D | Directional gyro | N/A |
| E | Electric Equipment | AS REQUIRED |
| F | Fuel (Mixture) | SET FOR DESCENT |



APPROACH

- 1 Altimeter..... SET QNH
- 2 Fuel check:
 - Quantity..... CHECK ENDURANCE
 - Fuel valve..... ON
 - Mixture..... FULL RICH (except high field elev.)
- 3 Carburetor heat ON (HOT)

FINAL CHECK

- 1 Speed CHECKED
- 2 Carburetor heat OFF (COLD)

AFTER LANDING

- 1 Time check..... PERFORM

PARKING

- 1 Throttle..... SET 1000 RPM
- 2 Mixture IDLE CUT OFF
- 3 Magnetos OFF
- 4 Avionic switch OFF
- 5 Flight Log /Tech Log FILL OUT
- 6 Airplane..... SECURE

SPEEDS

- V_Y Best rate of climb ~ 60 MPH
- $V_{best\ G.}$ Best glide ~ 60 MPH



CIRCUIT

