

AFTER LANDING CHECK

- | | | |
|---|----------------------|-------|
| 1 | TRANSPONDER | STBY |
| 2 | TIME | NOTED |
| 3 | LANDING LIGHT | OFF |
| 4 | ELECTRICAL FUEL PUMP | OFF |
| 5 | FLAPS | UP |

ENGINE SHUT DOWN AND PARKING

- | | | |
|---|--------------------------|-------------------|
| 1 | PARKING BRAKE | SET |
| 2 | ELECTRICAL CONSUMERS | OFF |
| 3 | THROTTLE | IDLE |
| 4 | MAGNETOS | OFF |
| 5 | MASTER SWITCH | OFF |
| 6 | RETTUNGSGERÄT | GESICHERT |
| 7 | FLIGHT DATAS & DOCUMENTS | NOTE AND COMPLETE |
| 8 | PARKING BRAKE | SET AS CONVENIENT |

SPEEDS

V x	95 km/h	V stall Flaps 0	75 km/h
V y	105 km/h	V stall Flaps 1	70 km/h
V A	139 km/h	V stall Flaps 2	65 km/h
V NE	216 km/h		
V NO	180 km/h		
V best gliding angle	95 km/h		
V FE (max. Flap speed)	105 km/h		
V initial approach	100 km/h		
V final	90 km/h	Max. crosswind component	15 kts

AIRCRAFT DATAS

Leergewicht	278.1 kg	
MTOW	472.5 kg	
Max. Zuladung	194.4 kg	(tank full =150 kg / tank 1/2 = 172 kg)
Tank capacity	60 Liter	
Fuel consumption	16 Liter/h	(65 % Power setting)

CHECKLISTE IKARUS C42

HB-WAS



PREFLIGHT CHECK

- | | | |
|---|--------------------|---------------------|
| 1 | OUTSIDE CHECK | COMPLETED |
| 2 | AIRCRAFT PAPERS | CHECKED AND ON BORD |
| 3 | AIRCRAFT LOG / FTC | CHECKED |
| 4 | CABINE | CHECKED |
| 5 | LOADSHEET | CHECKED |

CHECK BEFORE ENGINE START

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|----|----------------------|-----------------------|
| 1 | CABIN DOORS | CLOSED |
| 2 | RETTUNGSGERÄT | ENTSICHERT |
| 3 | PARKING BRAKE | SET |
| 4 | SEAT BELTS | FASTENED AND ADJUSTED |
| 5 | ELECTRICAL CONSUMERS | OFF |
| 6 | CIRQUIT BREAKERS | ALL IN AND CHECKED |
| 7 | MASTER SWITCH | ON |
| 8 | FUEL QUANTITY | ENDURANCE ? |
| 9 | FUEL SHUT-OFF VALVE | OPEN |
| 10 | ACL | ON |

STARTIG ENGINE

- | | | |
|---|-----------------------------|---------------------|
| 1 | ELECTRICAL FUEL PUMP | ON |
| 2 | THROTTLE - ENGINE COLD | IDLE AND CHOKE PULL |
| | - ENGINE HOT | ~ 1cm |
| 3 | BOTH MAGNETOS | ON |
| 4 | PROPELLER AREA | FREE |
| 5 | STARTER | PRESS |
| 6 | ENGINE RUNNING | SET 2000-2500 RPM |
| 7 | OIL PRESSURE (aft. 10 sec.) | GREEN ARC |
| 8 | CHOCK | OFF |

CHECK AFTER ENGINE START

- 1 GENERATOR OUTPUT CHECKED
- 2 ELECTRICAL FUEL PUMP OFF & PRESSURE CHECKED
- 3 ANNUNCIATOR LIGHTS OFF
- 4 AVIONICS ON
- 5 FLIGHT INSTRUMENTS CHECK AND SET
- 6 ENGINE INSTRUMENTS CHECKED
- 7 AVIONICS SET AND PRESELECT

TAXI CHECK

- 1 BRAKE AND STEERING CHECKED

RUN – UP

- 1 PARKING BRAKE SET
- 2 ENGINE INSTRUMENTS GREEN
- 3 ZONE BEHIND AIRCRAFT FREE
- 4 THROTTLE 4000 RPM
- 5 OIL PRESSURE GREEN ARC
- 6 MAGNETOS (L-B-R-B) CHECKED MAX. DROP 300 RPM
- 7 THROTTLE IDLE CHECKED ~1000 RPM
- 8 THROTTLE SET 2000 RPM

CHECK BEFORE DEPARTURE

- 1 ELECTRICAL FUEL PUMP ON & PRESSURE CHECKED
- 2 FUEL QUANTITY ENDURANCE ?
- 3 FUEL SHUT-OFF VALVE OPEN
- 4 MAGNETOS BOTH
- 5 TRIM SET FOR DEPARTURE
- 6 FLAPS SET 15°
- 7 CONTROLS FREE AND CORRECT
- 8 FLIGHT INSTRUMENTS SET FOR DEPARTURE
- 9 AVIONICS SET FOR DEPARTURE
- 10 TAKE OFF BRIEFING COMPLETED

LINE UP CHECK

- 1 DOORS / STORM WINDOW CLOSED
- 2 LANDING LIGHT ON
- 3 TIME NOTED
- 4 TRANSPONDER STBY
- 5 APPROACH SECTOR & RUNWAY FREE

CLIMB CHECK

- 1 FLAPS UP
- 2 CLIMB POWER SET
- 3 ELECTRICAL FUEL PUMP OFF
- 4 LIGHTS AS REQUIRED

CRUISE CHECK

- 1 ALTIMETER SET
- 2 CRUISE POWER SET 4700 RPM (65%)
- 3 ENGINE & FUEL INSTRUMENTS MONITORED

DESCENT CHECK

- 1 ATIS NOTED
- 2 APPROACH BRIEFING COMPLETED
- 3 AVIONICS SET & CHECKED
- 4 CABIN & PAX SECURED

APPROACH CHECK

- 1 ALTIMETER SET QNH
- 2 LANDING LIGHT ON
- 3 ELECTRICAL FUEL PUMP ON & PRESSURE CHECKED
- 4 FUEL QUANTITY CHECKED

FINAL CHECK

- 1 FLAPS SET FOR LANDING