

Traffic Pattern Diamond DA42-VI

Beginn Downwind

- Power ... 40%
- Landing Light ... ON

«POWER REDUCED»
«SPEED 100»

Descent / Approach Check

- X 1) Landing data ... RECEIVED
- X 2) Altimeters (2) ... SET
- X 3) COM / NAV / FMS ... SET
- X 4) Safety harnesses ... FASTENED
- X 5) Adjustable backrests ... UPRIGHT
- 6) Parking break ... CHECK RELEASED
- 7) Rudder trim ... AS REQUIRED
- X 8) Gear warning + lights ... TEST
- X 9) Landing light ... ON
- 10) Fuel selectors (1 or 2) ... CHECKED ON
- X 11) Fuel pumps (1 or 2) ... ON

Level-Off

Climb to Cruise Check

- 1) Gear ... CHECKED UP
- 2) Flaps ... CHECKED UP
- X 3) Fuel pumps (2) ... OFF
- 4) Climb power ... SET
- 5) Alternate air ... AS REQ
- X 6) Landing Light ... OFF*₁₎

Cleanup Altitude

- Flaps ... UP
- Climb Power ... 92%

Go-Around

- Power ... MAX
 - Pitch ... NEUTRAL
 - Flaps ... APP
 - Pitch ... NOSE UP
- Positive rate of climb:
- Gear ... UP
 - Speed ... min. 90KIAS

Abeam Threshold

- Flaps ... APP
- Power ... 40%

«SPEED BELOW 133»
«FLAPS SET TO APP»

Periodically during Cruise

- Cruise Power ... 75%
- Fuel Transfer ... AS REQUIRED (Max fuel imbalance -> 5USG)

End Downwind

- Gear ... DOWN
- Power ... 40%

«SPEED BELOW 188»
«GEAR DOWN,
... 3 GREENS»

«APPROACHING
GLIDE»

Point of Final Descent

- Start Descent
- Power ... 25%
- Flaps ... LDG

«SPEED BELOW 113»
«FLAPS SET TO LDG»

«ON / BELOW / ABOVE
GLIDE»

Short Final

- Approach ... STABLE
- Runway ... IDENTIFIED
- Clearance ... RECEIVED

Final Check

- 1) Flaps ... LDG
- 2) Gear ... 3 GREENS CHECKED
- 3) Rudder Trim ... NEUTRAL

Remarks

- * All Speeds apply to MTOM
- * No responsibility is taken for the correctness of this information. The Airplane Flight Manual is reference for flight planning and airplane operation
- * Checklist Reference: Edition #1.1, 15.05.2020
- *₁₎ Landing Light remains ON according to FSA procedure
- X to be omitted when remaining in traffic pattern

110 KIAS

100 KIAS

90 KIAS

«ROTATE»

«SPEED RISING 50»

Positive Rate

- Gear ... UP

«POSITIVE RATE»
«GEAR UP»

«READY?»

«TO POWER SET»
«ENGINE INSTRUMENTS
GREEN RANGE»

Line-Up

- Approach Sector ... FREE
- Runway ... IDENTIFIED
- Transponder ... ALT
- Pitot Heat ... AS REQUIRED
- Landing Light ... ON
- Time ... NOTED

Take-Off

- Power lever max ... CHECK
- LOAD/RPM/FUEL FLOW/OP

1'000ft

V_y 92 KIAS

400ft

V₅₀ 83 KIAS

V_R 76 KIAS

V_{REF} 86 KIAS