

CHECKLIST FOR NORMAL OPERATION SCHLEICHER AS16

Parameters, restrictions, procedures and emergency procedures see AFM

BEFORE FIRST FLIGHT

1. Aircraft & Cockpit inspection..... COMPLETED
2. Passenger briefing COMPLETED
3. Controls FREE & CORRECT

BEFORE ENGINE START

1. Rudder pedals ADJUSTED & LOCKED
2. Seat belts / Shoulder harnesses FASTENED & ADJUSTED
3. Brake PUSH
4. Battery & Alternator ON
5. Fuel quantity CHECKED
6. Fuel selector OPEN
7. Choke AS REQUIRED
8. Propeller..... TAKE OFF
9. Gear..... WARNING CHECK / LOCKED
10. Airbrakes CHECKED
11. Elevator trim TAKE OFF
12. Avionic PRESELECTED
13. Avionic OFF
14. Flight instruments / Time counter... SET / RECORDED
15. Canopy CLOSED

READY FOR ENGINE START**ENGINE START**

1. Propeller area CLEAR
2. Engine start..... according AFM

ENGINE START COMPLETED**AFTER ENGINE START**

1. Oil pressure..... CHECKED
2. Alternator output CHECKED
3. Fuel pump OFF
4. Avionic ON

READY FOR TAXI

TAXI

- 1. Brakes & Steering..... CHECKED
- TAXI CHECK COMPLETED**

ENGINE TEST

- 1. Warm up time CHECKED
 - 2. Space behind Aircraft..... FREE
 - 3. Run up according AFM
- ENGINE TEST COMPLETED**

BEFORE DEPARTURE

- 1. Seat belts / Shoulder harnesses FASTENED
 - 2. Fuel pump ON
 - 3. Fuel quantity CHECKED
 - 4. Fuel selector OPEN
 - 5. Choke OFF
 - 6. Propeller..... TAKE OFF
 - 7. Controls FREE & EASY
 - 8. Elevator trim TAKE OFF
 - 9. Airbrakes IN
 - 10. Canopy CLOSED & LOCKED
 - 11. Flight instruments / Avionic SET
 - 12. Avionic SET
 - 13. Takeoff briefing COMPLETED
- READY FOR DEPARTURE**

CLIMB

- 1. Gear UP
 - 2. Power / Propeller CHECKED
 - 3. Fuel pump OFF except Circuits
- CLIMB CHECK COMPLETED**

CRUISE

- 1. Flight- & Engine instruments CHECKED
 - 2. Fuel..... CHECKED
 - 3. Power..... SET / CHECKED
- CRUISE CHECK COMPLETED**

ENGINE SHUT DOWN IN FLIGHT

- 1. Electrical consumers AS REQUIRED
- 2. Ignition..... OFF
- 3. Alternator..... OFF
- 4. Propeller..... GLIDING POSITION

APPROACH

- 1. Approach briefing COMPLETED
- 2. Seat belts / Shoulder harnesses FASTENED
- 3. Flight instruments / Avionic SET
- 4. Fuel pump ON
- 5. Fuel quantity CHECKED

APPROACH CHECK COMPLETED

only if engine stopped

- 6. Chock AS REQUIRED
- 7. Throttle SET FOR ENGINE START
- 8. Ignition ON

FINAL

- 1. Gear DOWN & LOCKED
- 2. Propeller TAKE OFF

FINAL CHECK COMPLETED

AFTER LANDING

- 1. Electrical consumers AS REQUIRED

AFTER LANDING CHECK COMPLETED

PARKING & ENGINE SHUT DOWN

- 1. Time (Block on) CHECKED
- 2. Electrical consumers OFF except avionic
- 3. Ignition OFF
- 4. Avionic 121.500 TEST
- 5. Avionic OFF
- 6. Battery & Alternator OFF
- 7. Flight data RECORDED
- 8. Aircraft CHOCKED / SECURED

PARKING CHECK COMPLETED

SPEEDS FOR OPERATION AT MAX. TAKE OFF MASS (MTOM) KMH IAS

Rotate.....	70
Best angle v_x	100
Best rate v_y up to 2000 ft AGL.....	110
Cruise climb v_{cc} above 2000 ft AGL.....	150
Initial approach.....	150
Intermediate approach.....	120
Final approach.....	100
Best glide.....	100
Max. demonstrated Crosswind.....	25 KMH = 14 KT

POWER SETTINGS

Take off and Climb.....	Throttle full open
Cruise.....	2500 RPM
Descent.....	2300 RPM

RUN UP

Throttle full open.....	min. 2600 RPM
Idle.....	800-1000 RPM

POSTFLIGHT

Refuel standard.....	full
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LOADING

HB-	Empty mass		Moment	Cabine load with fuel [kg]	MTOM	
	[lb]	[kg]	[m · kg]	full	[lb]	[kg]
2033	-	519.5	188.509	187.3	-	750

REFUELING

Full	-	60 l	43.2 kg	-
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