



Refresher 2019

Herzlich Willkommen

Programm

- Anflüge und Landungen mit richtiger Landetechnik

Referent: Daniel Ogg (0:30)

Pause

- Avionik

Aufschaltanlage COM / Transponder + FLARM

Referent: Philippe Seiler (0:50)

Optimierung Checkliste C172+P28A

CHECK AFTER ENGINE START

1.	Alternator output	CHECKED	1
2.	Primer	IN AND LOCKED	2
3.	Ventilation, heater, defroster	AS REQUIRED	3
4.	NAV lights	AS REQUIRED	4
5.	Avionics master switch	ON (check ATIS)	5
6.	Flight instruments	SET & CHECKED	6
7.	Engine instruments	CHECKED	7
8.	Avionics COM, NAV, XPDR, FLARM ON , SET & PRESELECTED		8
9.	Autopilot	OFF	9

CHECK AFTER ENGINE START COMPLETED

TAXI CHECK

1.	Brakes & steering	CHECKED	1
2.	Gyro & Flight instruments	CHECKED	2

TAXI CHECK COMPLETED

RUN UP

1.	Parking brake	SET	1
2.	Oil temperature	CHECKED (WARM UP TIME CHECKED 3-5 MIN) ..	2
3.	Zone behind aircraft	CLEAR	3
4.	Throttle	SET 1700 RPM	4
5.	Oil pressure, suction, amperemeter ..	CHECKED, WITHIN LIMITS	5
6.	Magnetos (L-B-R-L-B)	CHECKED (max. -125 /Δ 50 RPM)	6
7.	Mixture	CHECK FUNCTION	7
8.	Carburetor heat	CHECK FUNCTION	8
9.	Throttle slowly idle	CHECKED (500-700 RPM)	9
10.	Throttle	SET 1000 RPM	10

RUN UP COMPLETED

CHECK BEFORE DEPARTURE

1.	Fuel quantity	L+R, ENDURANCE	1
2.	Fuel selector	BOTH	2
3.	Mixture	RICH BELOW 5000ft AMSL / AS REQUIRED	3
4.	Carburetor heat	OFF	4
5.	Friction lock	SET	5
6.	Magnetos	BOTH	6
7.	Trims	SET FOR DEPARTURE	7
8.	Flaps	SET FOR DEPARTURE	8
9.	Flight instruments & avionics	SET FOR DEPARTURE	9
10.	Seat position	CHECKED & LOCKED	10
11.	Cabin & pax	SECURED & FASTENED	11
12.	Flight controls	FREE & CORRECT	12

**** Departure briefing ****

LINE UP CHECK

- 1. Doors & windows CLOSED & LOCKED 1
- 2. Approach sector & runway CLEAR 2
- 3. Landing light ON 3

LINE UP CHECK COMPLETED

TAKE OFF CHECK

- 1. Time NOTED 1
- 2. Wind / RWY Heading CHECKED 2
- 3. Power MIN 2300 RPM 3
- 4. Speed rising..... ROTATE ~ 55 KIAS (SEE AFM) 4
- 5. Speed Initial Climb 60 KIAS 5
- 6. Clear of obstacles SPEED CHECK, FLAPS UP, FULL POWER .. 6

TAKE OFF CHECK COMPLETED

CLIMB CHECK (>1000 ft AGL)

- 1. Flaps UP CHECKED 1
- 2. Climb power..... FULL POWER 2
- 3. Landing light REMAINS ON 3

CLIMB CHECK COMPLETED

CRUISE CHECK

- 1. Altimeter CHECKED / SET 1
- 2. Directional gyro..... CHECKED / SET 2
- 3. Cruise power..... SET (SEE AFM) 3
- 4. Mixture..... SET 4
- 5. Engine instruments CHECKED..... 5
- 6. Fuel quantity L+R, ENDURANCE 6
- 7. Landing light CHECKED ON FOR SAFETY 7

CRUISE CHECK COMPLETED

ENGINE SHUT DOWN AND PARKING

1.	Parking brake.....	SET	1
2.	Throttle	SET 1000 RPM.....	2
3.	121.5	CHECKED THEN BACK TO AD FREQ...	3
4.	Avionics master & GPS switch	OFF	4
5.	Electrical consumers, Flarm	OFF	5
6.	Mixture.....	LEAN, CUT OFF	6
7.	Magnetos.....	OFF, KEY REMOVED	7
8.	Battery master & alternator.....	OFF	8
9.	Fuel selector	ON LEFT OR RIGHT	9
10.	Flight data & documents.....	NOTED & COMPLETED.....	10
11.	Parking brake.....	SET / AS REQUIRED	11
12.	Aircraft	TO BE SECURED	12

PARKING CHECK COMPLETED