

TB 10 D-ERHM

COCKPIT CHECK

Preflight Inspection	COMPLETED
Papers	ABOARD
Brakes	SET
Doors	LATCHED
Seat Belts	FASTENED
Radio Master	OFF
Flight Controls	CHECKED

COCKPIT C/L COMPLETED

BEFORE START CHECKLIST

Master Switch	ON
Anti-Coll. Light	ON
Fuel Quantity	CHECKED
Fuel Selector	SET FULLER TANK

BEFORE START C/L COMPLETED

STARTING ENGINE LIST

Carburettor Heat	OFF
Mixture	RICH
Fuel Pump	ON
Throttle (2-4 Strokes)	2 cm open
Prop Area	CLEAR
Starter	ENGAGE
Throttle	1000 RPM
Oil Pressure (max. 30 sec)	GREEN
Fuel Pump	OFF

STARTING ENGINE LIST COMPLETED

AFTER START CHECK

Generator	ON
Turn and Bank	ON
Radio Master	ON
Circuit Breakers	CHECKED
Gyro	SET
Altimeter	QNH SET
Transponder	7 0 0 STBY
COM / NAV	SET

AFTER START C/L COMPLETED

TAXI CHECK

Brakes	CHECKED
Flight Controls	CHECKED
Turning Instruments	CHECKED

TAXI C/L COMPLETED

RUN UP LIST

Engine Instruments	CHECK / GREEN
Throttle	2000 RPM
Magnetos max 175 / Diff 50	CHECK
Prop min 1.500	CHECK
Carburettor Heat	CHECK / COLD
Suction	CHECK
Throttle	1000 RPM

RUN UP LIST COMPLETED

BEFORE T/O CHECK

Trimm	T/O
Flaps 10°	T/O
Mixture	RICH
Prop	HIGH RPM
NAV Setting	COMPLETED

BEFORE T/O C/L COMPLETED

CLEARED FOR T/O CHECK

Fuel Pump	ON
Landing Light	ON
Transponder	ON / ALT
Time	NOTED
Gyro	CHECKED
Lift off	63 kt
Best angle of climb Vx Flaps 0°	65 kt
Best rate of climb Vy Flaps 0°	78 kt

CLEARED FOR T/O C/L COMPLETED

AFTER T/O CHECK

Flaps	UP
Fuel Pump	OFF
Landing Light	OFF

AFTER T/O C/L COMPLETED

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CRUISE CHECKLIST

Power / Prop	65%	SET
Mixture lean		EGT SET
Altimeter		SET
Transponder		SET

CRUISE C/L COMPLETED

Cruse Performance 65%:

2.000 ft: RPM 2.400, MAP 22, TAS 114 kt, 36 ltr./h
4.000 ft: RPM 2.400, MAP 21, TAS 114 kt, 36 ltr./h
6.000 ft: RPM 2.400, MAP 20.5, TAS 116 kt, 35 ltr./h
8.000 ft: RPM 2.400, MAP 20, TAS 117 kt, 35 ltr./h

APPROACH CHECKLIST

Gyro	CHECKED
Altimeter	SET / QNH
Mixture	RICH
Fuel Selector	SET FULLER TANK

APPROACH C/L COMPLETED

FINAL CHECK

Landing Light	ON
Carburettor Heat	ON
Fuel Pump	ON
Prop	HIGH RPM
Speed	75 kt
Flaps 25° 30'	LDG

FINAL C/L COMPLETED

AFTER LANDING CHECK

Carburettor Heat	COLD
Fuel Pump	OFF
Transponder	STBY
Landing Light	OFF
Flaps	UP

APPROACH C/L COMPLETED

STOPPING ENGINE LIST

Throttle	1000 RPM
Radio Master	OFF
Mixture	CUT-OFF

STOPPING ENGINE LIST COMPLETED

PARKING CHECK

Brakes	SET
Magnetos	OFF
Light Switches	OFF
Generator	OFF
Master Switch	OFF

PARKING C/L COMPLETED

Vso	53 kt
Vs1	60 kt
Va	122 kt
Vfe	95 kt
Vn0	128 kt
Vne	165 kt
Bestes Gleiten	86 kt
max X-Wind	25 kt

Motor: 180 PS bei 2600 RPM

Kraftstoff: AVGAS 100LL

Tankinhalt: 210 ltr (2*105 ltr)
204 ltr ausfliegbar, 6 ltr nicht ausfliegbar
Winkelmarkierung: je 68 ltr. (136 ltr)
Reichweite: 5 h, 1.000 km

Gewicht: Leer: 728 kg

Max: 1150 kg; Zuladung: 422,00 kg

4x 75 kg Pax + 150 ltr Fuel = 408 kg (**OK!**)

hintere Sitzreihe max: 206 kg

Startstrecke (15m): 525 - 1.770 m

Startrollstrecke: 370 - 1.035 m

Landestrecke (15m): 460 - 770 m

Landerollstrecke: 205 - 369 m

Gemisch für optimale Leistung:

von reichem Gemisch ausgehend verarmen bis EGT-Zeiger ein Maximum erreicht, dann wieder anreichern, bis EGT-Temperatur um 75° F sinkt (3 Teilstriche)