		PROCEDURES BEFORE ENTERING COCKPIT		PROCEDURES AFTER ENGINE START-UP		PROCEDURES AFTER TAKE-OFF		OPERATING LIMITS		
		Master Switch	OFF	Start Power (position)	set for "FLIGHT"	Flaps position	RETRACT	Engine Speed		
		Rescue System	LOCKED	RPM	SET (approx. 2000 rpm)	Throttle	ADJUST	Max. Take-Off RPM:	5800 fo	r max. 5min.
A T C Pedals		Pedals position	ADJUST	Oil pressure	CHECK (wait for 3 bar)	Propeller (el. prop.)	SET FOR CRUISE	Max. continuous RPM:	5500	
ATEC v.o.s., Czech Republic, www.atecaircraft.eu		Seats position	ADJUST	RPM	INCREASE SLOWLY (over 2500 rpm for 5 sec.)	Fuel Pump (Aux.)	SWITCH OFF (1000 ft GND)	Cruising RPM:	4800	
ATEC 321 FAETA (wing tanks)				Ampermeter	CHECK BATTERY CHARGING	Brakes	ON	Idle RPM:	app. 140	00
		PROCEDURES AFTER ENTERING CO	ОСКРІТ	EMS Indicator	NO WARNING LIGHTS	Time of Take-Off	NOTE			
		Canopy - Both Locks	LOCK	RPM	DECREASE (to 2000 rpm)			Oil Temperature		
		Rescue System	UNLOCK	WARM UP at 2000 rpm for app	prox. 2 min. Increase engine speed up	APPROACH AND LANDING	ì	Min Max.	50 - 120°C	
		Seatbelts	FASTEN	to 2500 rpm. Continue warmin	ng up until reaching oil. temp. >50°C	Radio	SET	Operating:	90 - 110	۴C
		Brakes (parking)	ON			Flight instruments	CHECK			
PRE-FLIGHT INSPECTION		Foot-operated Steering	FREE	ENGINE CHECK		1st downwind turn	FLAPS I. (130km /70kt)	Oil Pressure		
NOSE		Hand-operated Steering	FREE	Brakes	ON	2nd downwind	FLAPS II. (110 km/h /59kt)	Minimum:	0,8 bar ·	<3500 rpm
Engine and Mount Condition	CHECK	Flaps Control	CHECK	Throttle	4000 RPM	Base Leg	FLAPS II. (110 km/h /59kt)	Maximum (short time,cold start):	7,0 bar	
Fuel, Oil, Cooling System Hose	INTACT	Instruments Condition	CHECK	LANE A	SWITCH OFF / ON	Final	FLAPS III. (90 km/h /49kt)	Operating:	2,0-5,0	bar >3500 rpm
Propeller/Cone surface, tightness	CHECK	Fuel Level Indicator	CHECK	(max. RPM drop < 180 RPM)		Propeller (el. prop.)	set for "TAKE-OFF"			
Oil Quantity	CHECK	Throttle	IDLE	LANE B	SWITCH OFF / ON	Throttle	IDLE	Fuel Pressure		
Engine Cowling	CHECK			(max. RPM drop < 180 RPM)		Brakes	OFF	Min Max.	2,8 - 3,2	bar
Landing Light	CHECK	PROCEDURES BEFORE ENGINE STA	ART-UP	Throttle	IDLE	Touch-down at 70 km/h /3			,,	
Air Inlets	CLEAR	Fuel Valve	SELECT	Fuel tanks (L/R)	SWITCH OVER AND CHECK	Flaps position	RETRACT	Coolant Temperature		
		Throttle	50% OPEN	Fuel Pumps (Main/Aux.)	SWITCH OVER AND CHECK	Brakes	ON	Min Max.	50 - 120	I°C
WINGS		Master Switch	ON		00 rpm; no drop below 2,8 bar)	Landing Dist. (15m obstacl	-			
Clearance in attachment (no tolerance)	CHECK	Start Power (position)	set for "START"	Engine Power	FULL POWER	Landing Dist. (after touch-down): approx. 150 m Fuel Capacity:		2 x 50 L		
Leading Edge	CHECK	Back-up Battery	OFF	(shall reach 5000 RPM in 10 sec.)		• · · · · · · · · · · · · · · · · · · ·		Fuel reserve (indicator ON)	5 L	
Wingtip/Lights	CHECK	LANE A	ON	Throttle	IDLE	AFTER LANDING		ruerreserve (indicator on)	52	
Ailerons/Flaps Clearance, Movement, Hinges		LANE B	ON			Brakes	ON	Air Speeds (IAS)*	km/h	kt
Pitot Tube, Vent. holes	CLEAR	Fuel Pump (Main)	ON	PROCEDURES BEFORE TAKE-C	FF	If engine is not cooled dow	-	Never exceed sp. VNE:	295	159
Fuel Quantity/Caps closed	CHECK	Fuel Pump (Aux.)	OFF	Throttle	IDLE	cooling run for minimum 2 min. (approx. 2000 rpm)		Design manoeuvre sp. VA:	165	89
Drain plugs	LOCKED	EMS	ON	Pedals (free travel)	CHECK	1.Switch-off all switches step-by-step EXCEPT:		Max. cruising sp. Vc:	248	134
P 0		EMS Indicator	CHECK	Control stick (free travel)	CHECK	LANE A and B, Fuel Pump, Master Switch		Max. in severe turb. VRA:	240	130
FUSELAGE		(no warning lights; operating fuel p	press. 3 bar)	Fuel Pumps (Main/Aux.)	BOTH ON	2.Switch-off LANE A and B, Fuel Pump and		Best climbing sp.:	110	59
Surface and Condition	CHECK	(EMS (values)	СНЕСК	Master Switch		Max. sp. flaps I. (10°),VFE,I:	130	70
Elevator/Rudder Clearance, Movement, Hing		ENGINE START-UP		LANE A/B	BOTH ON	Fuel Valve	KEEP OPEN	Max. sp. flaps II. (20°),VFE,II:	120	65
Canopy	CHECK	Press Start Button and hold until re	aching	Back-Up Battery	OFF			Max. sp. flaps III. (35°),VFE,III:	110	59
Antennas	CHECK	1500 RPM or more (hold for max. 2	0	Flaps Position	- I.	FUEL TYPE		Recom. speed flaps III.	90	49
, incentioo	CHECK	EFIS	ON	Start Power (position)	FLIGHT	unleaded petrol min. octar	ne no. RON 95.97	Stall speed, flaps retr. Vs1:	64	35
LANDING GEAR/NOSE GEAR		Flaps (el. switch)	ON	Propeller (el. prop.)	SET FOR TAKE-OFF	MOGAS EN228 (Super or Super Plus), ethanol		Stall speed, flaps III. Vso:	51	28
Clearance in attachment (no tolerance)	CHECK	Radio	ON	Trim	SET	free		Climb in the rain:	120	65
Covers/Tyres/Pressure	CHECK	Transponder	ON	Fuel Indicator (fuel level)	CHECK			Cruise in the rain:	120-180	
Brakes	CHECK	GPS	ON	Radio	SET	OIL TYPE		Descending to land (rain):	110	59
bi dires	C. ILCK	Strobes	ON	Altimeter	SET	RON with 424 classification	n or AeroShell Sport	(flaps position I. or II.)		
EQUIPMENT		Dismisting fan (recommended)	ON	QNH	SET	Plus 4 10W-40			1	
Licences (pilot, airplane)	ON BOARD	bismisting fan (recommended)		GPS	SET	1 103 -1 10 10 -10		Load Factors*		
Log Book, Manuals	ON BOARD		+	Canopy	LOCKED	COOLANT TYPE		Max. positive	+5,05 G	:
ICAO Maps	ON BOARD			Seat Belts	FASTENED	Conventional with water (r	mix ratio 1:1)	Max. negative	-3,05 G	
First Aid Pack	ON BOARD		+	Brakes	OFF			*values for MTOW 472,5 kg	-3,03 G	
ΓΙΙ ΣΕ ΑΙΟ FALK	UN BUARD			DIAKES	UFF			values jui 1011 OVV 472,5 Kg	1	