

4.4.1 Before Starting Engine

Pre flight Inspection / Oil check/ Δέστρες/ καλύμματα PITOT /Tires / κάμερες ON/ Passenger Briefing / Ζώνες / Φρένα ON/ Avionics OFF / fuses OK/ Timer check/Σχέδιο πτήσης / call TWR 2821005656 /731 sto **d5iz@hcaa.gr**

4.4.2 Starting Engine - Cold

- 1 Choke ON* / Check heat Carb OFF / Throttle CLOSED /
- 2 Fuel PumpON
- 3 Master Switch / Fuel Shutoff valve / check timer.....ON
- 4 Fuel Quantity CHECK από τις πτέρυγες αλλά και από το PANEL
- 5 Ignition switches both.....ON
- 6 StarterENGAGE when engine fires RELEASE
- 7 Oil Pressure (pressure to be indicated within 10 secs).....CHECK
- 8 ChokeClosed
- 9 Throttle900 – 1000 RPM
- 10 Alternator Warning Light.....CHECK OFF
- 11 AvionicsON

4.4.3 Before Take-Off

- 12 Park Brake.....ON
- 13 Warm Up.....1000-1200 RPM avoid prolonged idle at low RPM
- 14 Ignition Check2000 RPM Both-L-Both-R-Both. Max drop 100RPM
- 15 Carburetor heat (check then **OFF**)..... 2000 RPM – ON – slight drop in RPM
- 16 Power Check.....2850 RPM +/- 150 RPM
- 17 Idle Check.....700 – 900 RPM
- 18 TrimSET – Neutral
- 19 Ignition switches Both ON / Fuel pumpcheck ON
- 20 Flaps.. (middle stage).....TAKE OFF
- 21 InstrumentsTIMER SET to zero AND CHECK ALL
- 22 SwitchesSELECTED as required
- 23 Circuit BreakersCHECK
- 24 Controls**FULL & FREE TRAVEL, CORRECT SENSE**
- 25 ΠόρτεςCLOSED & LOCKED
- 26 HarnessesSECURE all seat belts correctly fastened and adjusted
- 27 Oil temperature..... just ABOVE 50C
- 29 Elevator Control NEUTRAL / check brakes

4.4.4 Take-Off

- 30 Rotate..... 30 – 40 KIAS raise nose wheel clear of ground
- 31 Take Off Safety Speed **66 KIAS**
- 32 Accelerate to Climb Speed **70 KIAS**
- 33 FlapsUP... Accelerate to 70 KIAS
- 34 Fuel Pump.....OFF at top of climb
- 34 Initial Climb **70 KIAS**
- 35 Cruise 75% Power (14 L/hr) 2800 RPM

Before Landing (and flight below 1000ft AGL) Brakes OFF / Fuel Pump ON / Carb heat ON

Landing Airspeed @ 50ft **63 - 68 KIAS/ Flaps FULL**

Balked Landing FULL THROTTLE / Carb heat **COLD** / Flaps RETRACT SLOWLY / Airspeed ESTABLISH NORMAL CLIMB SPEED 70 KIAS

After Landing: retract FLAPS /check hob & all switch OFF / lock Controls / lock doors /Δέσιμο αφους / τοποθέτηση καλυμμάτων και call TWR 2821005656

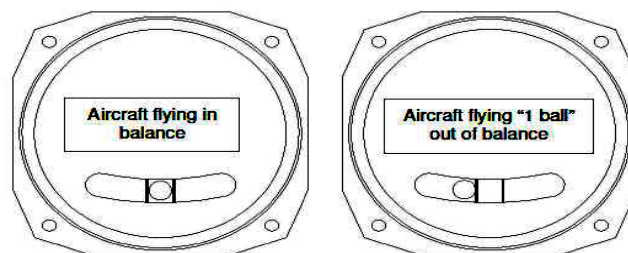
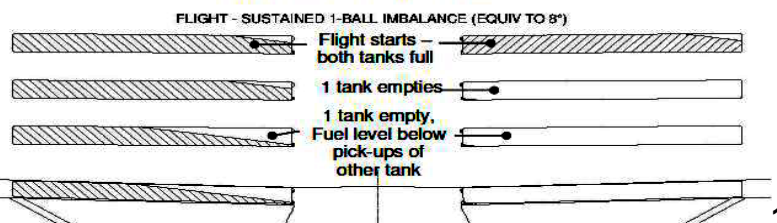
Take Off Distance

Weight (kg)	Pressure Altitude (ft)	Outside Air Temperature (degC)						
		-20	-10	0	10	20	30	38
540	0	369	391	415	439	464	490	511
	2000	413	438	465	493	523	553	579
	4000	464	494	525	559	593	630	661
	6000	524	560	598	638	680	726	764
	8000	598	641	687	737	790	847	897

Landing Distance (metres)

Weight (kg)	Pressure Altitude (ft)	Outside Air Temperature (degC)						
		-20	-10	0	10	20	30	38
540	0	432	440	448	456	464	472	478
	2000	447	456	464	473	481	490	497
	4000	464	473	482	491	500	510	517
	6000	482	492	502	511	521	531	539
	8000	501	512	523	533	544	555	563

RPM	Fuel Flow	TAS (knots)
	(litre/hr)	
2600	10.7	80
2700	12.1	87
2800	13.0	95
2900	14.3	100
3000	16.1	103
3100	21.0	107
Full Power	25.6	120

**Figure 7.14.1 – Balance Balls**

Κατανάλωση για απόσταση 100NM sta 5000'			****	NAV DATA	TRANSPONDER CODES
KIAS	Litra	min			
80	13,4	75		2109972604 ΑΘΗΝΑ VFR	7000 NORMAL
87	13,9	69		2103533691-2 Flight PLAN	7500 HIJACK !!
95	13,7	62		130.925 Mhz ATHENS INFO	7600 NO COMM / ΟΧΙ ΑΣΥΡΜΑΤΟ
100	14,3	60		119.750 Mhz ATHENS INFO	7700 EMERG
103	15,6	58		LGIR 120.850 / 119.85 atis 127.55	
107	19,6	56		LGSA 118.125 /121.7 atis 130.175	
120	20,3	50		LGST 122.60	
				LGKC 123.25	
				LGKL 120.75	

ΠΡΟΣΟΧΗ: Μην πατάτε το STARTER BUTTON αν η προπέλα γυρίζει.

Distance from MALEME : LGSA 15nm /LGIR 66nm /LGST 112nm /LGKC 60nm /LGKL 123nm
 /LGML 76nm /LGSR 96nm /LGPL 138nm /LGKO 175nm /MEGARA 145nm /MESOLOGI 200nm
 /SPARTI 115nm /EPITALIO 165nm /LARISSA 260nm /LGTS vfr 325nm / IOANINA 300nm
 /KASTORIA 320nm /PANAGITSA 335nm vfr /XORTERO 342nm /SERRES 330nm /