

BEFORE ENGINE START

1. Daily Inspection + W/B	CHECK
2. Pitot Probe Cover	REMOVED
3. ELT	CHECK / ARMD
4. Safety Belts, Pedals	ADJUST
5. Circuit Breakers / Switch down	CHECK / DOWN
6. IBBS	ON
7. HOBBS Engine Hours	NOTED
8. Fuel Quantity	CHECK
9. Brakes	BRAKES ON

ENGINE START

1. Engine Start Approval	APPROVED
2. Oil Cooler Flap (BLUE)	CHECH OUT
3. Fuel Selector	SELECT BEST
4. Master Switch	ON
5. Main Fuel Pump	ON
6. Starter Key, Switch To	START POWER POSITION
7. ACL NAV Lights	ACL ON
8. Lane A / LANE B	ON
9. Lane A and Lane B warning lamps extinguish within 6 seconds	
10. Fuel Pressure	CHECK GREEN
11. Throttle Level (ca 1 - 1,5 turn)	CHECK (TPS 45-55%)
12. Propeller Area	CLEAR
13. Engine Start (Key)	START. MAX 10 SEC
14. Oil Pressure (Within 20 Sec)	CHECK ABOVE 3.0 BAR
15. Throttle To Generator Lamp Check	2500 RPM = MIN <5 SEC *1
16. Throttle To Warm Up Start	2000 RPM @ APROX 2 MIN
17. Throttle After 2 Min Continue	2500 RPM =OIL TEMP >50°
18. Starter Key	TO ACC
19. Lamp Test Button	LIGHTS CHECK

BEFORE TAXI

1. Avionics, RADIO	ON
2. Transponder	ON 7000 GND
3. Altimeter	ADJUST
4. Brakes / Stearing / Flaps 0	CHECK / ADJUST

@ HOLDING / RUN UP / BEFORE ENTRING RWY

1. Brakes	BRAKES ON
2. Oil Cooler Flap	AS REQUIRED
3. Control Stick	CHECK SQUARE
4. Elevator Trim Control (Movement)	TO NEUTRAL POSITION
5. Flaps (Movement 0-1-2-3 → 1)	CHECK FLAPS 1
6. Throttle (NB! Oil Min >50 °C)	ENGINE @ 4000 RPM
7. Lane A Max Drop 180 RPM	DROP + WARNING LIGHTS
8. Lane B Max Drop 180 RPM Max 75 diff	DROP + WARNING LIGHTS
9. Throttle Idle	CHECK
10. Circuit Breakers / Instruments	CHECK
11. Fuel Selector	SELECT BEST
12. AUX Fuel Pump	ON
13. Main Fuel pump OFF for 5 sec	OFF
14. Fuel Pressure	CHECK
15. Main Fuel Pump ON + AUX ON	CHECK BOTH ON
16. Landing Lights	ON
17. Rescue System + Emergency Local: Wind, RW, Abort Points	REMOVE LOCK + REPEAT CHECK RETURN >1000FT AGL

TAKE-OFF / ON RWY

1. Canopy	LOCKED
2. Oil Cooler Flap (Oil Over > 50°C)	CHECK IN
3. Compass ° / RWY Clear / Clearance	CHECK & APPROVED
4. Take-Off Time	NOTED
5. Throttle Max	MAX & RPM > 5000
6. Airspeed Check	> 43 KTS ROTATE

CLIMBING

1. Airspeed m/ Flaps 1	65-75 KTS
2. Flaps retracting 0	IN AT 200 FT AGL
3. Oil Cooler Flap	OIL TEMP CHECK

CRUISE

1. Cruise Best Economy (65-75%)	@ 4800-5000 RPM
2. AUX Fuel Pump	OFF MIN >1000 FT AGL
3. Landing Lights	OFF
4. Oil Cooler Flap	OIL TEMP 90°- 110°C
5. Fuel Selector	SELECT BEST

*1 IF WARNING LIGHTS = RUN NEW LANE A+B & IGNITION CHECK.

APPROACH

1. Safety Belt	ADJUST
2. Fuel Selector	SELECT BEST
3. AUX Fuel Pump	ON
4. Landing Lights	ON
5. Instruments - Indicators - Lights	CHECK

LANDING

1. Downwind	FLAP 1 < 75 KTS + TRIM
2. Base	FLAP (1-2) + 65 KTS+ LOOKOUT
3. Final & RWY Clear	FLAP (2-3)+ 60 KTS

AFTER LANDING

1. Flaps	RETRACT UP 0
2. AUX Fuel Pump	OFF
3. Touchdown Time	NOTED
4. Landing Lights	OFF = CLEAR OF RWY
5. Transponder	GND 7000 =CLEAR OF RWY

PARKING & SECURING AIRCRAFT

1. Brakes	SET TO «PARK»
2. Avionics & Transponder	OFF
3. ACL NAV	OFF
4. Throttle	SET TO IDLE
5. Lane B	SWITCH OFF (DOWN)
6. Lane A (After B)	SWITCH OFF (DOWN)
7. Main Fuel Pump	OFF
8. HOBBS Engine Hours	NOTED
9. Starter Key	OFF + OUT = In Door Hatch
10. MASTER	OFF
11. Rescue System	SECURED
12. Flaps To Parking	FLAPS 1
13. Flight Plan	CLOSED
14. IBBS	OFF

EMERGENCY PROCEDURES

ENGINE FAILURE – FLY FLYET!

1. AIRSPPEED	65 KTS
2. LANDING	FIELD SELECTION
3. FUEL SELECTOR	BESTE
4. THROTTLE	1,5 TURN
5. FUEL PUMP AUX + MAIN	ON (UP)
6. LANE A + B	BOTH ON (UP)
7. EMERGENCY ELECTRICITY	ON
8. STARTER KEY	RE-START
9. SEAT BELT	ADJUST
10. RADIO MAYDAY	121.5
11. TRANSPONDER / ELT	SQUAWK 7700 / ON

Rescue System: MIN >300 FT AGL + LANE A+B OFF + FUEL OFF + <60 KTS

ENGINE FIRE

1. FUEL SELECTOR	OFF
2. THROTTLE	FULL
3. LANE A +B	OFF
4. EXTINGUISH FIRE	SIDE SLIP

FIRE IN COCKPIT

1. FIRE	LOCALIZED
2. LANE A+B	OFF
3. MAIN+AUX FUEL PUMP	OFF
4. MASTER	OFF

Transponder

VFR Flying	7000
COM Failure	7600
Emergency	7700
Radio Emergency MAYDAY	121.5

STALL	FLAPS 0	FLAPS 15	FLAPS 24	FLAPS 35
@ 472,5 kg	45 KIAS	41 KIAS	38 KIAS	35 KIAS
@ 600 kg	48 KIAS	45 KIAS	43 KIAS	41 KIAS

CROSSWIND LANDING (MAX 24 KNOP)

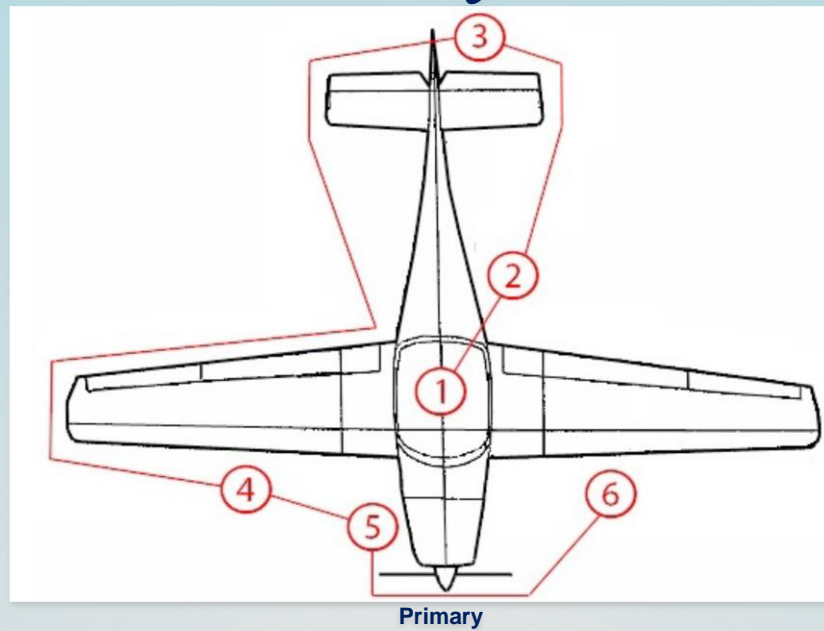
FLAPS	Flap (1-2)
Speed	65 KTS

AIRSPPEED

Vne: 150 KIAS	Vno: 135 KIAS
Vra : 122 KIAS	Va: 88 KIAS
Vfe : 75 KIAS	

DAILY INSPECTION

LN-YJY



PRIMARY INSPECTION

1. Log-Book, W/B, Permit To Fly, Insurance, & Radio Doc.	CHECK
2. Aircraft Visual Check: Level & Tire Air Pressure	CHECK
Fuel Tank Drainage, No Water	CHECK
Fuel Quantity Physical Check	CHECK

1. FLIGHT DECK AREA

1. LANE A/B OFF	Starter Key Out	CHECK
2. Master Switch (Up)		ON
3. Fuel Selector		BEST
4. Seat Belts & Protection Net Control		CHECK
5. Control Stick (Freedom of Movement)		CHECK
6. Flaps Movement And Up		CHECK
7. Fuel Quantity Instrument		CHECK
8. ACL Lights		ON
9. Landing Lights		ON
10. Visual Check ACL- & Landing Lights		CHECK
11. ACL-, Landing Lights & Master Switch		OFF

2. AIRCRAFT BODY AREA

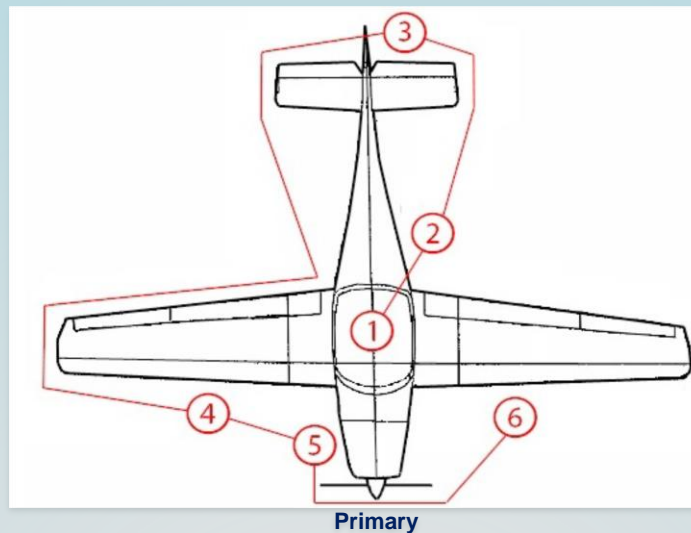
1. Canopy Free Of Damage	CHECK
2. Static Port Free	CHECK
3. Surface And Body Free Of Damage	CHECK
4. Transponder Antenna	CHECK

3. TAIL AREA

1. Surface Free Of Damage	CHECK
2. Pitch Rudder Attachment point And No Side Movement or Abnormal Sound	CHECK
3. Yaw Rudder Attachment point And No Vertical Move or Abnormal Sound	CHECK
4. Tail Skid	CHECK

DAILY INSPECTION

LN-YJY



4. RIGHT WING AREA

1. Static Port Free	CHECK
2. Wing Surface Free Of Damage	CHECK
3. Flaps Attached, Secure & Free Of Damage	CHECK
4. Right Landing Gear	CHECK
5. Role Rudder Attachment point And No Movement and No Abnormal Sound	CHECK
6. Wing Attached & No Movement	CHECK
7. Wing Leading Edge Clean & Without damage	CHECK
8. Pitot Probe Remove and Clean	CHECK
9. Parking Bolt Removed	CHECK

5. ENGINE AREA

1. Safety pin Wing Rigging Connection LEFT	CHECK
2. Engine Cowlings Free Of Damage & Clean	CHECK
3. Integrity of Wires, Plugs, Fuel Filters & Couplings	CHECK
4. No Visual damage on Engine Surface	CHECK
5. Coolant Level	CHECK
6. Oil Level	CHECK
7. Propeller Without Damage & Equal Stiffness	CHECK
8. Propeller/Engine Attached & No Movement	CHECK
9. Exhaust system attached	CHECK
10. Nose Wheel	CHECK
11. Safety pin Wing rigging Connection RIGHT	CHECK

6. LEFT WING AREA

1. Wing Surface Free Of Damage	CHECK
2. Leading Edge Clean & Without damage	CHECK
3. Left Landing Gear	CHECK
4. Parking Bolt Removed	CHECK
5. Wing Attached & No Movement	CHECK
6. Role Rudder Attachment Points And No Movement and No Abnormal Sound	CHECK
7. Flaps Attachment, Secure pin & Free Of Damage	CHECK

IN-COCKPIT CHECKLIST

EMERGENCY PROCEDURES	RWY TAKE-OFF / CLIMB	APPROACH
AIRSPPEED 65 KTS	CANOPY LOCKED	FUEL SELECTOR BEST
LANDING AREA SELECT	OIL > 50°C)	FUEL PUMP AUX ON
FUEL SELECTOR (RED) BEST	RWY CLEAR	LANDING LIGHTS ON
THROTTLE 1,5 TURN	TAKE-OFF TIME NOTED	INSTRUMENTS CHECK
FUEL PUMP AUX + MAIN ON	FLAP 1 / FUEL PUMP ON CHECK	
LANE A + B (RED) ON	THROTTLE MAX RPM>5100	
EMERGENCY ELECTRICITY ON	AIRSPPEED > 43 KTS	
START KEY RE-START	<u>CLIMB</u>	DOWNWIND
SEAT BELT ADJUST	AIRSPPEED FLAPS 1 65-70 KTS	SPEED 75 KTS
RADIO 121.5	FLAPS UP @200FT AGL UP	FLAP 1 = 15°
TRANSPONDER / ELT 7700	CLIMBING SPEED 75 KTS	TRIM ADJUST
FLY FLYET!	<u>CRUISE</u>	BASE
RESCUE SYSTEM:	CRUISE ca 4800 RPM	SPEED 65 KTS
1. MIN > 300 FT AGL	AUX + Landing Light OFF	FLAP 2 = 24°
2. LANE A+B OFF	OIL COOLER FLAPS 90°- 110°	FINALE CLEAR
3. FUEL PUMP OFF	FUEL SELECTOR BEST	FINAL
4. AIRSPPEED < 60 KTS	ENGINE FIRE	SPEED 60 KTS
	1. Fuel Selector OFF	FLAPS 2 OR 3
	2. Throttle FULL	RWY Clear CHECK
	3. LANE A+B OFF	
	4. Extinguish Fire SIDE SLIP	
	FIRE IN COCKPIT	
	1. Fire FIND	
	2. LANE A+B OFF	
	3. Fuel Pump OFF	
	4. Master OFF	