

BEFORE ENGINE START

1. Daily Inspection	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)	CHECK 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 MIN >3 BAR
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 / Steering / Flaps 0	CHECK / ADJUST

@ HOLDING / RUN UP / BEFORE ENTRING RWY

1. Brakes	BRAKES ON
2. Oil Cooler Flap	AS REQUIRED
3. Control Stick (Freedom of Movement)	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. Airspeed	65 KTS
2. Landing	FIELD SELECTION
3. Emergency Electricity	ON
4. Fuel Selector	BESTE
5. Fuel Pump AUX + MAIN	ON (UP)
6. Throttle	1,5 TURN
7. Lane A + B	BOTH ON (UP)
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)

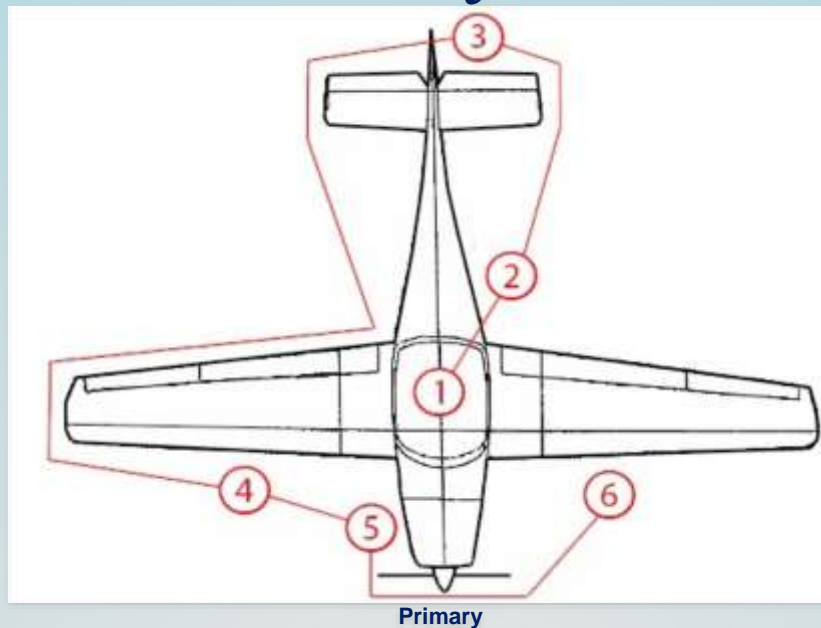
FLAPS	Flap (1-2)
Speed	65 KTS

AIRSPEED

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

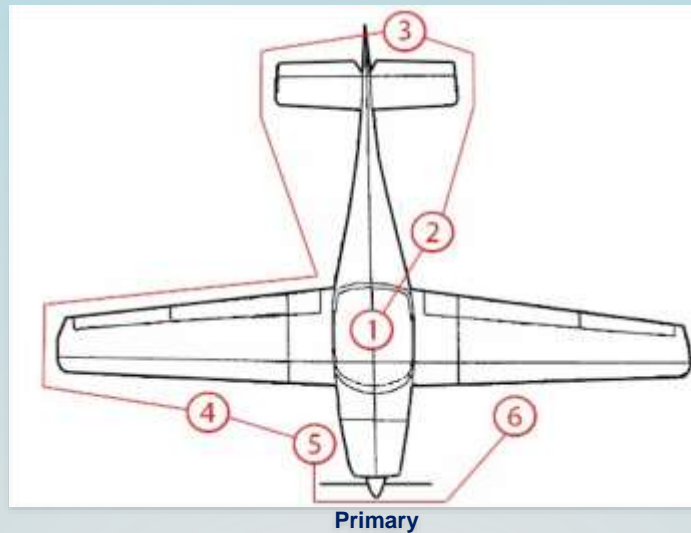
1. Canopy Free Of Damage	CHECK
2. Static Port Free	CHECK
3. Surface And Body Free Of Damage	CHECK
4. Transponder Antenna	CHECK

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	CEHCK

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

<p style="text-align: center; color: red; font-weight: bold; margin: 0;">EMERGENCY PROCEDURES</p> <p>AIRSPPEED 65 KTS</p> <p>LANDING AREA SELECT</p> <p>EMERGENCY ELECTRICITY ON</p> <p>FUEL SELECTOR (RED) BEST</p> <p>FUEL PUMP AUX + MAIN ON</p> <hr/> <p>THROTTLE 1,5 TURN</p> <p>LANE A + B (RED) ON</p> <hr/> <p>START KEY RE-START</p> <p>SEAT BELT ADJUST</p> <hr/> <p>RADIO MAYDAY 121.5</p> <p>TRANSPONDER / ELT 7700</p> <p style="text-align: center; background-color: yellow; font-weight: bold; margin: 5px 0;">FLY FLYETI</p> <p>RESCUE SYSTEM:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. MIN > 300 FT AGL</td> <td style="width: 50%;">3. FUEL PUMP OFF</td> </tr> <tr> <td>2. LANE A+B OFF</td> <td>4. AIRSPEED < 60 KTS</td> </tr> </table>	1. MIN > 300 FT AGL	3. FUEL PUMP OFF	2. LANE A+B OFF	4. AIRSPEED < 60 KTS	<p style="background-color: #000080; color: white; padding: 2px;">RWY TAKE-OFF / CLIMB</p> <p>CANOPY LOCKED</p> <p>OIL > 50°C)</p> <p>RWY CLEAR</p> <p>TAKE-OFF TIME NOTED</p> <p>FLAP 1 / FUEL PUMP ON CHECK</p> <p>THROTTLE MAX RPM>5100</p> <p>AIRSPPEED > 43 KTS</p> <p style="text-align: center; color: blue; font-weight: bold; font-size: small;">-----CLIMB-----</p> <p>AIRSPPEED FLAPS 1 65-70 KTS</p> <p>FLAPS UP @200FT AGL UP</p> <p>CLIMBING SPEED 75 KTS</p> <p style="text-align: center; color: blue; font-weight: bold; font-size: small;">-----CRUISE-----</p> <p>CRUISE ca 4800 RPM</p> <p>AUX + Landing Light OFF</p> <p>OIL COOLER FLAPS 90° - 110°</p> <p>FUEL SELECTOR BEST</p> <hr/> <p style="color: red; font-weight: bold; font-size: small;">ENGINE FIRE FIRE IN COCKPIT</p> <table style="width: 100%; border: none; font-size: small;"> <tr> <td style="width: 50%;">1. Fuel Selector OFF</td> <td style="width: 50%;">1. Fire FIND</td> </tr> <tr> <td>2. Throttle FULL</td> <td>2. LANE A+B OFF</td> </tr> <tr> <td>3. LANE A+B OFF</td> <td>3. Fuel Pump OFF</td> </tr> <tr> <td>4. Extinguish Fire SIDE SLIP</td> <td>4. Master OFF</td> </tr> </table>	1. Fuel Selector OFF	1. Fire FIND	2. Throttle FULL	2. LANE A+B OFF	3. LANE A+B OFF	3. Fuel Pump OFF	4. Extinguish Fire SIDE SLIP	4. Master OFF	<p style="background-color: #008000; color: white; padding: 2px;">APPROACH</p> <p>FUEL SELECTOR BEST</p> <p>FUEL PUMP AUX ON</p> <p>LANDING LIGHTS ON</p> <p>INSTRUMENTS CHECK</p> <p style="background-color: #800080; color: white; padding: 2px;">DOWNWIND</p> <p>SPEED 75 KTS</p> <p>FLAP 1 = 15°</p> <p>TRIM ADJUST</p> <p style="background-color: #808000; color: white; padding: 2px;">BASE</p> <p>SPEED 65 KTS</p> <p>FLAP 2 = 24°</p> <p>FINALE CLEAR</p> <p style="background-color: #ff0000; color: white; padding: 2px;">FINAL</p> <p>SPEED 60 KTS</p> <p>FLAPS 2 OR 3</p> <p>RWY Clear CHECK</p>
1. MIN > 300 FT AGL	3. FUEL PUMP OFF													
2. LANE A+B OFF	4. AIRSPEED < 60 KTS													
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