

CHECKLIST Dynamic WT-9 LN-YBO

BEFORE ENGINE START

1. Daily inspection done	Check
2. Doc, nav aids onboard	Check
3. Pitot cover onboard	Check
4. Rescue system	Unsecured
5. Safety belts	On, adjust
6. Fuses	Check
7. All switchers down	Check
8. Master switch	On
9. Starter key	On
10. Dynon Left & Right	On
11. Stick and trim movement	Check
12. Flaps 0 1 2 3	Check
13. Trim	Neutral
14. Lamp test	Check
15. Fuel valve	Left
16. Lane A	On
17. Main fuel pump	On
18. Fuel pressure	Check

ENGINE START

1. Engine start clearance	Done
2. Lights (ACL)	On
3. Brake position	Max
4. Throttle	Idle, then 1,5 turn in
5. Lane A and B	On
6. Prop clearance, no tow bar	Check
7. Starter key	Start, back to green
8. Throttle	Idle
9. Oil pressure, 2000 rpm	Check
10. Lamps and readings	Check

BEFORE TAXI

1. Avionic	On
2. AP	On
3. Landing lights	As required
4. Radio	Freq check
5. Fuel level L+R	Check, Note
6. Fuel computer	Adjust
7. FlightPlan / GPS	Set
8. Baro Dynon / Analog	Adjust, Note
9. Transponder	Squak 7000/ GND

RUN UP

1. Oil coole flap	Open (as required)
2. Oil temp above 50 deg	Check
3. Lane A / B , 4000 rpm	Test
4. Canopy locked	Check
5. Fuses	Check
6. Transponder	GND / ALT
7. Fuel valve left	LEFT, check
8. Fuel pump AUX	On
9. Fuel pump test	Main off/on, Aux off/on
10. Emergency checklist	Repeat

HOLDING POINT

1. Rwy clear / Clearance	Check
--------------------------	-------

CHECKLIST Dynamic WT-9 LN-YBO

BEFORE TAKE OFF

1. Canopy	LOCKED
2. Flaps	1, LOCKED
3. Lamps and readings	Check
4. Oil temp	Check
5. Abort point	Set
6. Wind, clouds	Check
7. Runway / Traffic / Birds	Check

TAKE OFF

1. Brake position	Off
2. Trottle	Full
3. Speed indication	Check
4. Rotate	43 kts
5. Speed climb	65 kts
6. Flaps >500ft AGL	Up, LOCKED

AFTER TAKE OFF, CRUISE CHECK

1. Flaps up and locked	Check
2. Aux fuel pump	Off (If T&G: On)
3. Lamps and readings	Check
4. Oil cooler flap	As required

LANDING

Approach

1. Fuel valve	Left
2. Aux fuel pump	On

Downwind / Base

1. Speed	<70 kts
2. Flaps	1, LOCKED
3. Trim	Set

Base

1. Flaps	2, LOCKED
2. Speed	~65 kts
3. Trim	Set

Final

1. Flaps	2-3, LOCKED
2. Speed	60 kts, Flare 50-55 kts
3. Trim	Set

AFTER LANDING

1. Flaps	0
2. Aux fuel pump	Off
3. Close FlightPlan ?	As required
4. Time	Note
5. Fuel computer	Check
6. Transponder	Reset to 7000
7. Avionic	Off
8. ACL, LH & RH Dynon	Off
9. Master switch	Off
10. Starter key	Off
11. Lane B then A	Off
12. Main Fuel pump	Off
13. Rescue system	Secure
14. Pitot cover	On
15. Secure airplane	Done

Stall @ 472,5 kg / 600 kg (LSA) x 1,35

Flaps 0 :	45 KIAS / 48 KIAS	62 KIAS
Flaps 15 :	41 KIAS / 45 KIAS	58 KIAS
Flaps 24 :	38 KIAS / 43 KIAS	55 KIAS
Flaps 35 :	35 KIAS / 41 KIAS	53 KIAS

Emergency checklists

Engine stop in flight

- | | |
|------------------|-------------|
| 1. Speed | 65 kts |
| 2. Landing place | Select |
| 3. Fuel valve | Left |
| 4. Fuel pump | On |
| 5. Magnetos 1+2 | On |
| 6. Throttle | Idle |
| 7. Choke | Off |
| 8. Starter key | Try restart |
| 9. Radio | 121,5 |
| 10. Transponder | 7700 |

Engine Fire in flight

- | | |
|--------------------|----------|
| 1. Fuel selector | Off |
| 2. Throttle | Full |
| 3. Ignition | Off |
| 4. Extinguish fire | Sideslip |

Cockpit Fire in flight

- | | |
|----------------------|----------|
| 1. Fire source | Locate |
| 2. Ignitions | Off |
| 3. Master / Key | Off |
| 4. Try to extinguish | With all |

Rescue system (>240 ft safe)

- | | |
|------------------|---------|
| 1. Lane A + B | Off |
| 2. Rescue system | Release |
| 3. Master switch | Off |
| 4. Fuel Valve | Off |

Recovery from unintentional spin :

- | | |
|------------------|---------------|
| 1. Throttle | Idle |
| 2. Control stick | Neutral |
| 3. Rudder | Full opposite |
| 4. Control stick | Forward |
| 5. Rudder | Neutralize |

Best glide speed : 65 / 70 KIAS: Flap retract @ 500 ft

CRUISE POWER SETTING

- 55% 4300 rpm,
- 65% 4800 rpm
- 75% 5000 rpm
- Max cont. 5500 rpm

SPEED

Vne : 150 KIAS	Vno : 135 KIAS
Vra : 121 KIAS	Vle : 135 KIAS
Vfe : 75 KIAS	Vlo : 75 KIAS