

PREFLIGHT

1. Preflight inspection	COMPLETE
2. Passenger briefing	COMPLETE
3. Papers	ON BOARD
4. Maps & flightplan	READY
5. Tow rod & chocks	REMOVED
6. Park brake / brakes	SET
7. Seats & belts	ADJ & LOCKED
8. Electrical equipment	OFF
9. Circuit breakers	CHECKED
10. ELT	ARMED
11. Cabin door	LOCKED

BEFORE START

1. Engine fire brief	COMPLETE
2. Fuel selector	LOWEST TANK
3. Mixture	RICH
4. Carburettor heat	OFF
5. Throttle (1cm)	SET
6. Master	ON
7. Anti collision light	ON
8. Fuel pump	ON
9. Prime	COMPLETE
10. Navigation lights	ON/OFF
11. Propeller area	CLEAR

AFTER START

1. Throttle	1200 RPM
2. Oil pressure	CHECKED
3. Fuel pump	OFF
4. Radios	ON
5. Transponder	STANDBY

ENGINE RUN-UP (If convenient)

1. Throttle	1700 RPM
2. Magnetos (175/50)	CHECKED
3. Carburettor heat	CHECKED
4. Engine instruments	CHECKED
5. Ammeter	CHECKED
6. Suction gauge	CHECKED
7. Idle	CHECKED

BEFORE TAXI

1. Taxi clearance	RECEIVED
2. Landing light	ON
3. Transponder	ON

BEFORE TAKEOFF

1. Flight instruments	SET
2. Flight controls	CHECKED
3. Fuel selector	FULLEST TANK
4. Trim	SET
5. Flaps	CHECKED & SET
6. Carburettor heat	OFF
7. Fuel pump	ON
8. Mixture	RICH
9. Magnetos	BOTH
10. TO/emergency brief	COMPLETE

LINE UP

1. Landing light	ON
2. Mixture	RICH
3. Transponder	ALT

GET ATIS &
VFR CLEARANCE

V_R 70 MPH
V_X 76 MPH
V_Y 87 MPH

NORMAL CHECKLIST

LN-FOB

AFTER TAKEOFF

- | | |
|------------------|-----|
| 1. Flaps | UP |
| 2. Landing light | OFF |

CRUISE

- | | |
|-----------------------|---------|
| 1. Cruise power | SET |
| 2. Mixture | SET |
| 3. Fuel selector | SET |
| 4. Engine instruments | CHECKED |
| 5. Gyro | CHECKED |

CLIMB / DESCEND

- | | |
|--------------|------|
| 1. Mixture | RICH |
| 2. Altimeter | SET |

LANDING

- | | |
|---------------------|--------------|
| 1. Carburettor heat | ON/OFF |
| 2. Landing light | ON |
| 3. Fuel pump | ON |
| 4. Master | ON |
| 5. Mixture | RICH |
| 6. Primer | LOCKED |
| 7. Magnetos | BOTH |
| 8. Fuel selector | FULLEST TANK |
| 9. Seatbelts | LOCKED |
| 10. Brakes | CHECKED |

FINAL

- | | |
|---------------------|-----|
| 1. Carburettor heat | OFF |
|---------------------|-----|

AFTER LANDING

- | | |
|----------------|----|
| 1. Flaps | UP |
| 2. Transponder | ON |

SHUT DOWN

- | | |
|--------------------------|---------------|
| 1. Landing light | OFF |
| 2. Radios | OFF |
| 3. Transponder | OFF |
| 4. Throttle | 800 RPM |
| 5. Magnetos | CHECK |
| | GROUNDING |
| 6. Throttle | 1200 RPM |
| 7. Mixture | CUT-OFF |
| 8. Magnetos | OFF & KEY OUT |
| 9. Fuel pump | OFF |
| 10. Anti collision light | OFF |
| 11. Navigation lights | OFF |
| 12. Master | OFF |

Airspeeds & limitations

- | | |
|----------------|--------|
| V _R | 70 MPH |
| V _X | 76 MPH |
| V _Y | 87 MPH |

- | | |
|-----------------|---------|
| V _{FE} | 125 MPH |
| V _{S0} | 58 MPH |
| V _{S1} | 65 MPH |

V_{L/D} 85 MPH

(Best glide)

Max X- 17 KTS
wind (20 MPH)