

**IFR NORMAL PROCEDURES (27.09.2020) – LN-DAY**

**BEFORE START**

|                           |            |
|---------------------------|------------|
| 1. PREFLIGHT INSPECTION   | COMPLETED  |
| 2. SEATS & BELTS          | CHECK      |
| 3. BRAKES                 | TEST & SET |
| 4. FUEL SELECTOR          | BOTH       |
| 5. RADIOS & EL. EQUIPMENT | OFF        |
| 6. CIRCUIT BREAKERS       | CHECK      |
| 7. PAX BRIEF              | GIVEN      |

**ENGINE START**

|                                 |             |
|---------------------------------|-------------|
| 1. CARBURETOR HEAT              | OFF         |
| 2. MIXTURE                      | RICH        |
| 3. PRIMER                       | AS REQUIRED |
| 4. THROTTLE                     | OPEN 1 CM   |
| 5. MASTER SWITCH                | ON          |
| 6. BEACON                       | ON          |
| 7. POSITION & SURROUNDINGS      | CLEAR       |
| 8. STARTER                      | ENGAGE      |
| 9. OIL PRESSURE (WITHIN 30 SEC) | GREEN       |

**AFTER START**

|   |             |
|---|-------------|
| 1. EFIS MASTER                          | ON          |
| 2. RADIOS & EL. EQUIPMENT               | ON          |
| 3. TRANSPONDER                          | STANDBY     |
| 4. NAV LIGHTS                           | AS REQUIRED |
| 5. FLAPS                                | UP          |
| 6. ALTIMETERS (MAX ERROR 60', DIFF 90') | QNH         |

**TAXI (MEMORY ITEMS)**

|                       |       |
|-----------------------|-------|
| 1. BRAKES             | TEST  |
| 2. FLIGHT INSTRUMENTS | CHECK |

**BEFORE TAKE-OFF**

|                                      |                 |
|--------------------------------------|-----------------|
| 1. PARKING BRAKE                     | SET             |
| 2. DOORS & WINDOWS                   | LOCKED          |
| 3. FLIGHT CONTROLS                   | FREE & CORRECT  |
| 4. TRIM                              | TAKEOFF         |
| 5. FUEL SELECTOR                     | BOTH            |
| 6. MIXTURE                           | RICH            |
| 7. OIL TEMPERATURE                   | GREEN           |
| 8. POSITION & SURROUNDINGS           | CLEAR           |
| 9. THROTTLE                          | 1700 RPM        |
| 10. MAGNETOS (MAX DROP 125, DIFF 50) | CHECK           |
| 11. CARBURETOR HEAT                  | CHECK           |
| 12. ENGINE INSTRUMENTS               | CHECK           |
| 13. AMMETER                          | CHECK           |
| 14. SUCTION (4.6 – 5.4)              | CHECK           |
| 15. THROTTLE (600 ± 25 RPM)          | IDLE – 1000 RPM |
| 16. THROTTLE FRICTION                | ADJUST          |
| 17. FLAPS                            | UP              |
| 18. FLIGHT INSTRUMENTS & RADIOS      | SET             |
| 19. DEPARTURE & EMERGENCY BRIEF      | GIVEN           |

**LINE-UP**

|                     |             |
|---------------------|-------------|
| 1. LANDING LIGHT    | ON          |
| 2. STROBE LIGHT     | ON          |
| 3. PITOT HEAT       | AS REQUIRED |
| 4. TRANSPONDER      | ALTITUDE    |
| 5. RUNWAY & COMPASS | CHECK       |

**IFR NORMAL PROCEDURES (27.09.2020) – LN-DAY**

**CLIMB (ABOVE 1000' AGL)**

|                        |             |
|------------------------|-------------|
| 1. FLAPS (AT 300' AGL) | UP          |
| 2. LANDING LIGHT       | AS REQUIRED |
| 3. ALTIMETERS          | QNH/1013    |

**CRUISE (EVERY 30 MIN'S)**

|                              |         |
|------------------------------|---------|
| 1. POWER (2300 RPM)          | SET     |
| 2. MIXTURE                   | LEANED  |
| 3. FUEL & ENGINE INSTRUMENTS | CHECKED |

**DESCENT**

|                    |             |
|--------------------|-------------|
| 1. MIXTURE         | RICH        |
| 2. CARBURETOR HEAT | AS REQUIRED |
| 3. ALTIMETERS      | QNH/1013    |

**APPROACH (BEFORE CTR/TIZ)**

|                      |             |
|----------------------|-------------|
| 1. ALTIMETERS        | QNH         |
| 2. APPROACH BRIEFING | GIVEN       |
| 3. LANDING LIGHT     | AS REQUIRED |

**BEFORE LANDING (MEMORY ITEMS)**

|                    |         |
|--------------------|---------|
| 1. FUEL SELECTOR   | BOTH    |
| 2. MIXTURE         | RICH    |
| 3. CARBURETOR HEAT | ON      |
| 4. MAGNETOS        | BOTH    |
| 5. PRIMER          | LOCKED  |
| 6. SEAT BELTS      | SECURED |

**AFTER LANDING**

|                    |     |
|--------------------|-----|
| 1. FLAPS           | UP  |
| 2. CARBURETOR HEAT | OFF |
| 3. LANDING LIGHT   | OFF |
| 4. STROBE LIGHT    | OFF |
| 5. PITOT HEAT      | OFF |
| 6. TRANSPONDER     | OFF |

**PARKING**

|                               |              |
|-------------------------------|--------------|
| 1. PARKING BRAKE              | SET          |
| 2. EFIS MASTER                | OFF          |
| 3. RADIOS & EL. EQUIPMENT     | OFF          |
| 4. THROTTLE                   | IDLE         |
| 5. MAGNETOS                   | GROUND CHECK |
| 6. THROTTLE                   | 1000 RPM     |
| 7. MIXTURE                    | IDLE CUT-OFF |
| 8. MAGNETOS                   | OFF          |
| 9. BEACON                     | OFF          |
| 10. FUEL SELECTOR             | OFF          |
| 11. MASTER SWITCH             | OFF          |
| 12. CONTROL LOCK (RIGHT SIDE) | INSTALLED    |
| 13. DOCUMENTS                 | COMPLETED    |

**V SPEEDS**

|                     |           |           |         |
|---------------------|-----------|-----------|---------|
| VR .....            | 55 KTS    | Vs0 ..... | 42 KTS  |
| Vx .....            | 59 KTS    | Vs1 ..... | 47 KTS  |
| Vy .....            | 68-73 KTS | Vfe ..... | 85 KTS  |
| VCRUISECLIMB .....  | 80 KTS    | Va .....  | 97 KTS  |
| VGLIDE .....        | 65 KTS    | Vno ..... | 128 KTS |
| DEMONSTRATED X-WIND | 15 KTS    | Vne ..... | 160 KTS |