

## **CHECK LIST Grumman N56BV**

### **Before Starting Engine**

|                               |                            |
|-------------------------------|----------------------------|
| Tow Bar : .....               | Removed                    |
| Pitot tube cover : .....      | Removed                    |
| Preflight inspection : .....  | Completed                  |
| Ship's Papers : .....         | Verified and on board      |
| Flight documentation : .....  | On board                   |
| Seats and Belts : .....       | Adjust and lock            |
| Parking Brakes : .....        | Set                        |
| Control Lock : .....          | Removed                    |
| Control : .....               | Free and correct           |
| Avionic master switch : ..... | Off                        |
| Electrical Equipment : .....  | Off                        |
| Circuit Breakers : .....      | All in                     |
| Fuel quantity : .....         | Checked                    |
| Fuel Selector Valve : .....   | Opened on the fullest tank |

### **Starting Engine**

|                                   |                   |
|-----------------------------------|-------------------|
| Mixture : .....                   | Rich              |
| Carburetor Heater : .....         | Cold              |
| Master Switch (Bat + Alt) : ..... | On                |
| Beacon Light : .....              | On                |
| Primer : .....                    | As required       |
| Fuel pump : .....                 | ON                |
| Fuel pressure : .....             | Checked           |
| Fuel pump : .....                 | OFF               |
| Throttle : .....                  | 1 cm open         |
| Propeller Area : .....            | Clear             |
| Ignition : .....                  | Both ON and START |
| Engine Power : .....              | 1000 – 1100 RPM   |
| Oil Pressure : .....              | Checked           |
| Primer : .....                    | Locked            |
| Avionic master switch : .....     | On                |
| Radio + Frequency : .....         | On & set          |
| Navigation Lights : .....         | As required       |
| Radio call                        |                   |
| Altimeter setting : .....         | Set               |

### **Taxi Checks**

|                          |         |
|--------------------------|---------|
| Brakes : .....           | Checked |
| Turn and Bank : .....    | Checked |
| Directional Gyro : ..... | Checked |
| Compas : .....           | Checked |

### **Before Take-Off**

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| Parking Brakes : .....          | Set                                              |
| Canopy : .....                  | Closed                                           |
| Flight Controls : .....         | Free and Correct                                 |
| Trim : .....                    | Take off position                                |
| Flaps : .....                   | Checked                                          |
| Oil Temperature : .....         | In the green                                     |
| Mixture : .....                 | Rich                                             |
| Engine check                    |                                                  |
| - Throttle : .....              | 1700 rpm                                         |
| - Carburetor Heater : .....     | Checked (max 100 rpm drop)                       |
| - Magneto : .....               | Checked (max 75 rpm drop or 50 rpm differential) |
| - Suction : .....               | Checked                                          |
| - Ammeter : .....               | Charging                                         |
| - Throttle : .....              | Idle (500 – 700 rpm stable)                      |
| - Throttle : .....              | 1000 rpm                                         |
| Engine Instruments : .....      | In the green                                     |
| Attitude Indicator : .....      | Set                                              |
| Directional Gyro : .....        | Set                                              |
| Flaps : .....                   | Take off position if required                    |
| Primer : .....                  | Locked                                           |
| Mixture : .....                 | Rich                                             |
| Carburetor Heater : .....       | Cold                                             |
| Fuel : .....                    | On the fullest tank                              |
| Fuel pump : .....               | ON                                               |
| Radio Call ready for departure  |                                                  |
| Transponder : .....             | ON                                               |
| Briefing departure and take off |                                                  |

### **Taxi into Position**

|                          |                            |
|--------------------------|----------------------------|
| Directional Gyro : ..... | Checked with runway QFU    |
| Throttle : .....         | Full opened                |
| Elevator control : ..... | Lift nose wheel at 40 KIAS |
| Climb speed : .....      | 70 – 80 KIAS               |

### **Before Landing**

|                             |                     |
|-----------------------------|---------------------|
| Fuel Selector Valve : ..... | On the fullest tank |
| Mixture : .....             | Rich                |
| Carburator Heater : .....   | On                  |
| Fuel pump : .....           | On                  |
| Landing Light : .....       | On                  |
| Brakes : .....              | Checked             |

### **After Landing**

|                           |     |
|---------------------------|-----|
| Pitot heater : .....      | Off |
| Landing light : .....     | Off |
| Carburator Heater : ..... | Off |
| Fuel pump : .....         | Off |
| Flaps : .....             | Up  |

### **Securing Airplane**

|                               |                               |
|-------------------------------|-------------------------------|
| Parking Brakes : .....        | Set if necessary              |
| Avionic master switch : ..... | Off                           |
| Lower switch panel : .....    | All Off (except beacon light) |
| Throttle : .....              | 1000 rpm                      |
| Mixture : .....               | Cut off                       |
| Ignition : .....              | Off                           |
| Keys : .....                  | Removed                       |
| Master Switch : .....         | Off                           |
| Control Lock : .....          | Installed.                    |