# N49SJ NORMAL CHECKLIST

## DESCENT
- **Fuel quantity/selector**: Checked/normal
- **Brake/hydraulic pressures**: Checked/Breaker In
- **Caution lights**: Appropriate
- **Anti-ice/de-ice**: As needed
- **Altimeters**: Set
- **Approach briefing**: Complete
- **Seat belts/sign**: On/As Required
- **Landing lights**: On

## BEFORE LANDING
- **Nosewheel steering**: Centered
- **Flaps**: As desired
- **Propellers**: Forward

## AFTER LANDING
- **Flaps**: Up
- **Bleed air**: Off
- **Anti-ice/de-ice**: As needed
- **Transponder & Radar**: Standby
- **Trim tabs**: Reset for take-off

## SHUT DOWN
- **Parking brake**: Set
- **Power levers**: Flight idle
- **Propellers**: Feather
- **Generators**: Off
- **All light switches**: Off
- **Radio Master Switch**: Off
- **Fuel levers**: Off
- **Boost pumps**: Off (when Ng below 10%)
- **D.C. Master**: Off
- **Battery switch**: Off

### Vref (Vs x 1.3)

<table>
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<th>11500</th>
<th>10500</th>
<th>9500</th>
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<td>77</td>
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<tr>
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<td>80</td>
<td>77</td>
<td>73</td>
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<tr>
<td><strong>Full</strong></td>
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<td>70</td>
<td>67</td>
<td>64</td>
<td>60</td>
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</tbody>
</table>

## BOARDING AIRCRAFT
- **Preflight inspection**: Complete
- **Security locking devices**: Remove

## BEFORE STARTING
- **Parking brake**: Set
- **Wing tank boost pumps**: Off
- **Fire T Handles**: In
- **Emergency fuel switches**: Normal
- **Altitude Selector switch**: On
- **Trim Switch**: On
- **Emergency pumps**: Off
- **Fuel selector**: Normal
- **Fuselage boost pumps**: Off
- **Transmit disable switches**: Down Position
- **XM cabin audio switch**: Off
- **Aux power switch**: Off
- **Radio master switches**: Off
- **Static source**: Normal
- **Vent fan**: Off
- **All circuit breakers**: Checked
- **De-icing switches**: Off
- **Bleed air switches**: Off
- **Cabin lighting and signs**: As required
- **Pitot heat**: Off
- **Beacon**: On
- **Generator switches**: Off
- **Bus tie switch**: Normal
- **Flap handle**: Up
- **Fuel levers**: Off
- **Propeller levers**: Feather
- **Power levers**: Flight idle
- **Windshield heat & wipers**: Off
- **Landing/pulse lights**: Off
- **Ignition switch**: Normal
- **D.C. Master**: On
- **External/battery switch**: Battery
- **Bus voltage**: 18V minimum
- **Caution lights**: Test
- **Fire detection**: Test
- **Fuel quantity/selector**: Checked/Normal
- **Fuel quantity indicators**: Test
- **Cross feed**: Checked
- **Emergency pumps**: Checked
- **Boost pumps**: Test
- **Brake & hydraulic pressure**: Checked

## STANDBY ATTITUDE INDICATOR
- **Power Off (requires pushing the button two times, confirm flagged!)
- **Control locks**: Install
- **Security locking devices**: Install
- **Paperwork**: Begin
**N49SJ NORMAL CHECKLIST**

**ENGINE START BATTERY**
- Propellers: Forward
- Boost pumps: On, lights out
- Start switch: On, GENERATOR light out
- Fuel lever: On (Ng stable above 12%)
- Start switch: Off @ 50% Ng
- Engine instruments: Stable & within limits
- Battery voltage: Sufficient

Start second engine.

**ENGINE START EXTERNAL**
- External/battery switch: External
- Bus voltage: 28 VDC
- Boost pumps: On, lights out
- Start switch: On, GENERATOR light out
- Fuel lever: On (Ng stable above 12%)
- Start switch: Off @ 50% Ng
- Engine instruments: Stable & within limits

Start second engine.

**AFTER START**
- External/battery switch: Battery
- External power: Disconnect

**LINE-UP**
- Flight controls: Free/full travel
- Transponder: Correct code/On/Alt
- Pulse lights & strobe: On
- Caution lights: Appropriate

**DHC-6 TAKE-OFF POWER SETTINGS**

<table>
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<tr>
<th>P.A.</th>
<th>Reported OAT in degrees Celsius</th>
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<td>7000</td>
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**CLIMB**
- Flaps: Up
- Autofeather: Off
- Climb power: Set
- Nosewheel steering: Centered

**CRUISE**
- Cruise power: Set
- Landing lights: As needed
- Engine trend: As needed

**SMOKEJUMPER / PARACARGO**
- Pulse lights: ON
- Airspeed: 90 knots
- Flaps: Set 10 degrees
- Propellers: As required