## N49SJ NORMAL CHECKLIST DESCENT

Fuel quantity/selectorChecked/normalBrake/hydraulic pressuresChecked/Breaker InCaution lightsAppropriateAnti-ice/de-iceAs neededAltimetersSetApproach briefingCompleteSeat belts/signOn/As RequiredLanding lightsOn		
Caution lightsAppropriateAnti-ice/de-iceAs neededAltimetersSetApproach briefingCompleteSeat belts/signOn/As Required	Fuel quantity/selector	Checked/normal
Anti-ice/de-iceAs neededAltimetersSetApproach briefingCompleteSeat belts/signOn/As Required	Brake/hydraulic pressures	Checked/Breaker In
AltimetersSetApproach briefingCompleteSeat belts/signOn/As Required	Caution lights	Appropriate
Approach briefingCompleteSeat belts/signOn/As Required	Anti-ice/de-ice	As needed
Seat belts/sign On/As Required	Altimeters	Set
<b>C</b> 1	Approach briefing	Complete
Landing lights On	Seat belts/sign	On/As Required
	Landing lights	On

Vref (Vs x 1.3)					
Flaps	12300	11500	10500	9500	8500
Up	94	90	86	82	77
10	85	83	79	75	71
20	80	77	73	70	66
Full	74	70	67	64	60

#### **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
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

## **BOARDING AIRCRAFT**

Draflight ingreation	Comulate
Preflight inspection	Complete
Security locking devices	Remove
<b>BEFORE STARTING</b>	
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
	2

# 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
C.	1 •

Start second engine.

External/battery switchExternalBus voltage28 VDCBoost pumpsOn, lights outStart switchOn, GENERATOR light outFuel leverOn (Ng stable above 12%)Start switchOff @ 50% NgEngine instrumentsStable & within limitsStart second engine.External/battery switchExternal/battery switchBatteryExternal/battery switchBatteryPower leversIdle Ng + 15%GeneratorsOn, GEN lights outLoad meterGEN loads less than .5Power leversFlight IdleEngine instrumentsStable and within limitsRadio mastersOnCaution lightsAppropriateJaltimeters and I clockStetCVR, EGPWS, TCASTestedBoarding stairsClearedNosewheel steeringCheckedNosewheel steeringCheckedNosewheel steeringCheckedAHRS 1 & 2proper and harmoniousCompass, needle, ballOnTaxi light and strobe lightOnParking brakeStetPropellers Manual FeatherReset Light/CheckedPropoverspeed governorTestedAuto featherOn/testedInverterSwitch 1 or 2Specific systems if needed for flightChecked	ENGINE START EXTERNA	L
Boost pumpsOn, lights outStart switchOn, GENERATOR light outFuel leverOn (Ng stable above 12%)Start switchOff @ 50% NgEngine instrumentsStable & within limitsStart second engine.External/battery switchExternal/battery switchBatteryExternal powerDisconnectAFTER STARTOn, GEN lights outPower leversIdle Ng + 15%GeneratorsOn, GEN lights outLoad meterGEN loads less than .5Power leversFlight IdleEngine instrumentsStable and within limitsRadio mastersOnCaution lightsAppropriate3 altimeters and 1 clockSetCVR, EGPWS, TCASTestedBoarding stairsClearAHRS1 and 2InitializedTAXIOnSoswheel steeringCheckedAHRS 1 & 2proper and harmoniousCompass, needle, ballOnTaxi light and strobe lightOnPorpellers Manual FeatherReset Light/CheckedProp overspeed governorTestedAuto featherOn/testedInverterSwitch 1 or 2	External/battery switch	External
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Auto featherOn/testedInverterSwitch 1 or 2		Checked
Auto featherOn/testedInverterSwitch 1 or 2	Prop overspeed governor	Tested
		On/tested
	Inverter	Switch 1 or 2

### N49SJ NORMAL CHECKLIST BEFORE TAKE-OFF

DEFORE TARE-OFF	
Trim tabs	Set for take-off
Propellers	Forward
Flaps	Set 10 degrees
Bleed Air	Checked/ set as needed
Auto-Feather	Selected
AHRS & Flight instruments	Checked and set
Nav/Com radios	Set
Crew briefing	Complete
Anti-ice/de-ice	Checked/set as needed
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

	Intake deflectors retracted /Heater off.						
P.A.		Repo	orted OA	AT in de	grees C	elsius	
	5	10	15	20	25	30	35
2000				50	48	46	44
3000			50	48.3	46.4	44.4	42.4
4000		50	48.7	46.9	44.9	43	41.2
5000	50	48.3	46.5	44.7	42.9	40.9	39.2
6000	48.1	46.5	44.6	42.9	41.1	39.4	37.6
7000	46	44.4	42.7	41	39.4	37.7	36

CLIMB	
Flaps	Up
Autofeather	Off
Climb power	Set
Nosewheel steering	Centered
CRUISE	
Cruise power	Set
Landing lights	As needed
Engine trend	As needed
<b>SMOKEJUMPER / PAR</b>	ACARGO
Pulse lights	ON
Airspeed	90 knots
Flaps	Set 10 degrees
Propellers	As required