

<b>I</b> <b>Highlighted</b> <i>Silent</i>	<b>First Flight Of the Day Items</b>
	Pilot Flying Responds
	Silent Checklist

**START**

Cell Phones .....	OFF
Brakes/Chocks .....	SET & REMOVED
Door Light .....	EXTINGUISHED
Circuit Breakers .....	CHECKED
Envir. Controls .....	OFF
Props .....	AS REQ.
Beacon .....	ON
Avionics Master .....	OFF
Inverters .....	OFF
EFIS .....	OFF
Start Check .....	COMPLETE

**HOT START/HUNG START**

Condition Lever .....	CUTOFF
Ignition and Engine Start .....	STARTER ONLY
ITT Below 400 C .....	IGNITION/START SWITCH OFF

**NO LIGHT START**

Condition Lever .....	FUEL CUTOFF
Ignition and Engine Start .....	OFF (5 MINUTES)
Engine Clearing .....	ACCOMPLISH

**ENGINE CLEARING**

Propeller .....	FEATHER
Condition Lever .....	FUEL CUTOFF
Power Lever .....	IDLE
Ignition and Engine Start .....	STARTER ONLY (30 SEC)
Ignition and Engine Start .....	OFF (5 MINS)

**BEFORE TAXI**

External Power .....	REMOVED
Belts and Harnesses .....	ON RT/ <b>ON LT</b>
Generator Volts/Amps .....	<b>CHECKED</b>
Inverters .....	<b>ON</b>
Avionics Master .....	<b>ON</b>
Stby Gyro .....	<b>ON &amp; UNCAGED</b>
Cabin Sign .....	ON
Environmental Controls .....	SET
• Anti / Deice System .....	<b>CHECKED</b>
Gyro Flags .....	CLEAR RT/ <b>CLEAR LT</b>
Before Taxi Check .....	COMPLETE

**TAXI**

Departure Runway .....	BUGGED/ <b>VERIFIED</b>
Transponder .....	AS REQ
Brakes & Steering .....	<b>CHECKED</b>
Fuel Panel .....	<b>CHECKED</b>
Flight Instr/Alt. ....	<b>CHECKED/SET</b>
Altitude Alerter .....	(ALTITUDE)SET/ <b>VERIFIED</b>
Trim Tabs .....	SET/ <b>VERIFIED</b>
Flaps & Fuel Caps .....	UP & DOWN RT/ <b>LT</b>
Flight Controls .....	FREE & CORRECT
Avionics .....	SET
Engine Instruments .....	CHECKED
Instrument Vac/Deice Press .....	CHECKED
Bleed Air and EBA .....	CHECKED/LOW
Pressurization .....	SET
• Manual Propeller Feathering .....	<b>CHECKED</b>
• Ground Low-Pitch Stop .....	<b>TESTED</b>
• Primary/Overspeed Govs. ....	<b>TESTED</b>
• Rudder Boost .....	<b>TESTED</b>
Autofeather .....	<b>TESTED &amp; ARMED</b>
Crew Briefing / V Speeds .....	<b>COMPLETE</b>
Taxi Check .....	COMPLETE

**BEFORE TAKEOFF**

Auto Ignition .....	<b>ARMED</b>
Engine Anti-Ice .....	<b>AS REQ</b>
Fuel Vent / Stall Warn / Pitot Heats .....	<b>ON</b>
Bleed Air Valves .....	OPEN
Transponder .....	ALTITUDE
Annunciators .....	CONSIDERED
Lights .....	<b>AS REQ</b>
Departure Runway .....	BUGS ALIGNED/ <b>VERIFIED</b>
Before Takeoff Check .....	COMPLETE

**CLIMB (silent)**

Gear .....	UP
Landing/Taxi Lights .....	AS REQ
Yaw Damper .....	ON
Flaps .....	UP
Pressurization .....	CHECKED
Environmental Bleed Air .....	NORMAL
Climb Power/Props .....	SET /1600 RPM
Engine Instruments .....	CHECKED
Climb Check .....	COMPLETE

**TRANSITION (climb)**

Recognition Lights .....	<b>OFF</b>
Windshield Heat .....	<b>AS REQ</b>
Crew Masks/Oxygen .....	CHECKED RT/ <b>CHECKED LT</b>
Altimeters .....	SET 29.92/ <b>29.92 XCHECKED</b>
Transition Check .....	COMPLETE



**CRUISE**

Autofeather.....**OFF**  
Cruise Power.....**SET**  
Fuel Gages.....**CHECKED**  
Cruise Check.....**COMPLETE**

**DESCENT**

Windshield Heat / Defog .....**AS REQ**  
Pressurization.....**SET**  
Descent Check .....**COMPLETE**

**APPROACH**

Altimeters..... **RT/ LT**  
Autofeather.....**ARMED**  
Recognition Lights.....**ON**  
Belts and Harnesses..... **ON RT/ON LT**  
Cabin Sign..... **ON**  
V<sub>REF</sub>..... **SET**  
Approach Briefing.....**COMPLETE**  
Approach Check.....**COMPLETE**

**BEFORE LANDING**

Gear ..... **DOWN / 3 GRN, NO RED/VERIFIED**  
Landing/Taxi Lights .....**ON**  
Surface Deice.....**CYCLE AS REQ**  
EBA .....**LOW**  
Props.....**FULL FORWARD**  
Flaps.....**SET**  
Yaw Damper.....**OFF**  
Before Landing Check..... **COMPLETE**

**AFTER LANDING (silent)**

Standby Gyro..... **OFF & CAGED**  
Engine Auto-Ignition.....**OFF**  
Lights..... **AS REQ**  
Fuel Vents / Stall Warn / Pitot Heat..... **OFF**  
Transponder..... **AS REQ**  
Radar..... **STBY**  
Bleed Air Valves..... **ENVIRON OFF**  
Engine Anti Ice.....**EXTEND**  
Autofeather.....**OFF**  
Flaps..... **UP**  
Trim Tabs..... **RESET**  
After Landing Check..... **COMPLETE**

**SHUTDOWN CHECK**

Parking Brake..... **AS REQ**  
Inverters..... **OFF**  
Transponder..... **STBY**  
Avionics Master..... **OFF**  
Environmental Controls..... **OFF**  
Condition Levers..... **CUTOFF**  
Props..... **FEATHERED**  
Gens/Batt..... **OFF(BELOW 11%N1)**  
Oxygen System..... **AS REQ**  
Shutdown Check..... **COMPLETE**

**TAKEOFF SPEEDS AND FIELD LENGTHS**

**SEA LEVEL FLAPS UP (A/C AND BLEED AIR ON)**

T.O. WEIGHT IN LBS	ITEM	OUTSIDE AIR TEMPERATURE ~ °C								
		-35	-15	-5	5	15	25	35	45	52
15,000	V <sub>1</sub> - KIAS	106	106	106	106	106	106	108	110	111
	V <sub>R</sub> - KIAS	109	110	110	110	110	110	111	111	112
	V <sub>2</sub> - KIAS	117	117	117	117	117	117	117	117	117
	TOFL-FT	3085	3505	3716	3949	4192	4541	5181	5919	6493
14,500	V <sub>1</sub> - KIAS	105	104	104	104	104	104	106	108	109
	V <sub>R</sub> - KIAS	108	108	108	108	108	109	109	110	110
	V <sub>2</sub> - KIAS	115	115	115	115	115	115	115	115	115
	TOFL-FT	2884	3278	3483	3693	3903	4253	4847	5522	6033
14,000	V <sub>1</sub> - KIAS	103	102	102	102	102	102	104	106	107
	V <sub>R</sub> - KIAS	106	106	106	107	107	107	107	108	108
	V <sub>2</sub> - KIAS	114	114	114	114	114	114	114	114	114
	TOFL-FT	2682	3057	3255	3459	3654	3955	4504	5129	5607
13,500	V <sub>1</sub> - KIAS	101	101	100	100	100	101	102	104	105
	V <sub>R</sub> - KIAS	105	105	105	105	105	105	106	106	107
	V <sub>2</sub> - KIAS	112	112	112	112	112	112	112	112	112
	TOFL-FT	2495	2847	3028	3217	3415	3701	4199	4776	5203
13,000	V <sub>1</sub> - KIAS	101	99	99	99	99	99	100	102	103
	V <sub>R</sub> - KIAS	104	104	104	104	104	104	104	105	105
	V <sub>2</sub> - KIAS	112	111	111	111	111	111	111	110	110
	TOFL-FT	2373	2692	2857	3026	3203	3458	3910	4430	4843
12,500	V <sub>1</sub> - KIAS	100	99	99	98	98	98	99	100	101
	V <sub>R</sub> - KIAS	104	104	104	104	104	104	104	104	104
	V <sub>2</sub> - KIAS	112	111	111	111	111	111	110	110	109
	TOFL-FT	2285	2589	2750	2912	3080	3324	3735	4189	4528
12,000	V <sub>1</sub> - KIAS	99	98	98	98	97	97	99	100	101
	V <sub>R</sub> - KIAS	104	104	104	104	104	104	104	104	104
	V <sub>2</sub> - KIAS	112	112	112	111	111	111	110	110	110
	TOFL-FT	2199	2489	2646	2799	2960	3193	3602	4037	4361
11,500	V <sub>1</sub> - KIAS	99	98	97	97	97	97	98	99	100
	V <sub>R</sub> - KIAS	104	104	104	104	104	104	104	104	104
	V <sub>2</sub> - KIAS	112	112	112	112	111	111	110	110	110
	TOFL-FT	2113	2389	2538	2688	2841	3061	3450	3879	4197

PA		Landing Weight (lbs)				
		15,000	14,000	13,000	12,000	11,000
2,000	Vref	109	105	102	100	100
	Stop	2801	2680	2568	2797	2472
	135	4671	4467	4279	4161	4120
	Alt.	4004	3829	3669	3567	3531
	Wet	5372	5137	4921	4785	4738
	0 Flap	3353	3215	3089	3009	2981
Sea Level	Stop	2705	2585	2478	2401	2381
	135	4508	4308	4129	4001	3968
	Alt.	3864	3693	3540	3430	3401
	Wet	5184	4954	4748	4601	4563
	0 Flap	3242	3108	2988	2901	2879