

ENGINE START

Exterior/ Cockpit set up	COMPLETE
Parking Brake	ON
Doors	CLOSED/ LIGHT OFF
PAX Brief	COMPLETE
<u>Annunciator Panel</u>	<u>Appropriate</u>
Anti-Collision Light	RED
Boost Pump	ON
Engine	2, 3, 1 Start
Engine Parameters	CHECKED

AFTER START/ BEFORE TAXI

DC Power Selector	NORMAL
<u>External Power</u>	<u>DISCONNECTED</u>
Circuit Breakers	IN
Bus Tie	FLIGHT NORMAL /LIGHTS OUT
Electrical Volts/Amps	CHECKED
Engine Controls	CHECKED
Fuel Panel	6 ON/ 4 CLOSED
Bleed Air	TESTED/ CHECKED
Compass	COMPARE
Windshield Heats	NORMAL/ ON
*Anti-Ice	TESTED / SET FOR TO
Cockpit Lighting	AS REQUIRED
EMER Horizon	ON
Altimeters	SET
GPWS	TESTED
Anti Skid	TESTED
Hydraulics	2 PRESSURES 2 QUANTITIES
Hydraulic Standby Pump	ON
*No 1 Stall	Tested
Auto Pilot	CHECKED/DISINGAGED
Yaw damper	AS REQUIRED
Transponder/TCAS	TA/ Tested
Slats/Flaps	CYCLED/SET FOR T.O.
Flight Director & Instruments	BRIEFED
T.O. Briefing	BRIEFED
Masks & Oxy	CHECKED
DV Window	CLOSED

TAXI

Parking Brake	OFF
Taxi Light	ON
Brakes 1&2	CHECKED/ #1& ON
Thrust Reverser	CHECKED/ STOWED
*Engine Computers	CHECKED/ ON
Flight Controls	CHECKED
Xpndr, TCAS	TA
Radar	AS REQUIRED

BEFORE TAKEOFF

Parking Brake	IN/ LIGHT OUT
APU& Bleed air	CONFIRM OFF
Start Selectors	AIR START
Exterior lights	SET
FATSP	CHECK

LINE UP CLEARED FOR TAKE OFF

Pitot Heats	ON
Landing Light	ON
Warning Panel / Flags	CLEAR
Engine Instruments	RNWX Heading ALT

CLIMB

LDG Gear/ Taxi Light/ YD	UP OFF ON
Slats & Flaps	CLEAN
Start Selectors	GROUND START
Anti-ice	AS REQUIRED
Cabin Pressure	CHECK
Cabin Temp	CHECKED
Hydraulics	CHECK
Climb Power	CHECK

*** First Flight of The Day****N987F FALCON 50****10K CHECKS**

Lights	SET
No Smoking Seat Belts	AS REQUIRED
Stby Hyd Pmp	AUTO

18K CLIMB/ CRUISE/ STATION

Masks/ Oxy	CHECK
Altimeters	29.92
Circuit Breakers	CHECK
Gen/ Volts/Amps	CHECK
Fuel Panel	CHECK
Anti-ice systems	AS REQUIRED
Ext Lts. / S. Belts/ No Smoking	AS REQUIRED
Engine Parameters	CHECK
Cabin Press / Temp	CHECK
Hydraulics	CHECK

DESCENT

Cabin Door Curtain	AS Required
Cabin Controller	SET
Anti-icing.	AS REQUIRED
Land Data/ Bugs	COMPLETE / SET
ATIS	NOTED
Risk Assessment	BRIEF
Fuel Panel XFR Intercom/X-feed	CLOSED

25	26	27	28	29	30	31	32	33	34	35
106	108	110	112	114	116	118	120	121	123	125

18K DESCENT/ APPROACH

Altimeters (at transition)	SET/CROSS CHECK
Circuit Breakers	CHECK
Gen/ Volts/Amps	CHECK
Anti-ice	AS REQUIRED
Ext lights/ Belts/ Smoke Lights	AS REQUIRED
LDG Light	AS DESIRED
Engine Parameters	CHECK
Cabin Press / Temp	CHECK
Hydraulics/ STBY Pump	CHECK/ON
FMS/Avionics	CHECK/ SET
Radio Altimeter	SET
Approach Brief	COMPLETE
Crew/ PAX Brief	COMPLETE
Start Selectors	AIR START/IGN ON

BEFORE LANDING

Landing Gear/ Anti-skid	DOWN / CHECK
Slats–Flaps	LDG POSITION
Airbrakes	IN/LIGHTS OUT
Yaw Damper	AS REQUIRED
Warning Panel	CHECK
Hydraulics	CHECK
Auto Pilot	OFF
Taxi Light	ON CLEARED TO LAND

AFTER LANDING

Pitot/ Windshield Heat	ALL OFF
Anti-ice	WING OFF/ ENG AS REQ
Ignition	GRD START
Bus Tie	TIED
APU (as applicable)	MASTER/ GEN/ START
Landing Lights, Strobe	OFF
Air Brakes	0
Slats/ Flaps	CLEAN
Thrust Reversers	STOWED
Trim	SET FOR TAKEOFF
Radar/ Transponder	OFF/ AS REQ
APU/ Bleed Air	AS REQ

PARKING

Taxi Light	OFF
Parking Brake	SET
STBY Pump	OFF
Engines	CUT OFF
Fuel Panel	SET
Anti Collision Light	OFF
Seat Belts/ No Smoking Light	AS REQ
Transponder	AS REQ
Flight Time/ Fuel Burn	RECORD

SHUTDOWN

APU	SHUTDOWN
Boost Pumps	OFF
NAV Lights	OFF
Seatbelt/ Emer Lights/ cabin	OFF
Cabin Lights	OFF
FMS/ Avionics Masters	OFF
Emerg Battery	OFF
Interior lights	SET
Bus Tie	FLIGHT NORMAL
Pilot window	CLOSED
APU Master	OFF
BAT 1 and BAT 2	OFF
Bus C & D	OFF
Chocks/ Parking Brake	IN / RELEASE

QUICK TURN

FMS Flight time / Fuel	RECORD / ZERO
Clocks	ZERO
Fuel Quantity / Counters	CHECKED / ZERO
Cabin Press	SET
Clearance and Code	COPY AND SET
FMS	LOAD/SET
TOLD/ V _{speeds}	COMPLETE/ SET
Engines	START
Bus Tie	FLIGHT NORM
Generator Amps/Volts	CHECK
Windshield Heats	ON
Anti-ice	AS REQ
Warning Panel	CHECK
Slats–Flaps	SET FOR TAKEOFF

Passenger briefing

Smoking

Seatbelts.

Emergency exits and entry door

Emergency exits diagram

Survival equipment

Flotation equipment & Ditching

Oxygen equipment

Briefing cards

FUELING

LO level 13,195 lbs

High 15,514 lbs

PROFILE

Climb 260/.72 849°

	0	5	10	15	20	25	30	35	40	45
45	96.1									
40	96.3									
35	96.5	96.6								
30	96.8	96.8	97.0							
25	97.0	97.0	97.2							
20	97.2	97.3	97.4	97.5						
15	97.0	97.5	97.6	97.8						
10	96.1	97.7	97.9	98.0	98.1					
5	95.3	98.0	98.1	98.2	98.4	98.0				
0	94.4	98.2	98.3	98.5	98.6	98.3	98.0			
-5	93.5	97.4	98.6	98.7	98.8	98.5	98.2			
-10	92.6	96.5	98.8	98.9	99.0	98.7	98.4	98.0		
-15	91.8	95.7	99.0	99.1	99.3	99.0	98.6	98.2	98.2	98.2
-20	90.9	94.8	99.1	99.4	99.5	99.2	98.9	98.4	98.4	98.4
-25					99.7	99.4	99.1	98.6	98.6	98.6
-30					100.0	99.6	99.3	98.9	98.8	98.8
-35						99.9	99.6	99.1	99.0	99.0
-40							99.8	99.3	99.3	99.3
-45							100.0	99.6	99.5	99.5
-50								99.8	99.7	99.7

For Climb 300 Kts/.80 MI : Add 0.2% N₁

Max ITT: 885°C for 30 min. Max recommended ITT: 849°C.

Gray Shaded Area is N₁ Value For ISA Conditions

* First Flight of The Day



N987F Falcon 50 Normal Checklist

Nov 6, 2025 Orig