fly uk virtual airways

Dash 8 Checklist

Pre-Start Checklist

Parking Brakes - SET
Battery Switch - OFF
Generator Switches - OFF
Throttle - IDLE
Landing Gear Lever - CHECK DOWN
Propeller - HIGH RPM
Fuel Condition Lever - FUEL CUTOFF
Idle Gate Lever - GROUND IDLE
Flaps - UP
Battery Switch - ON
Panel Lights - AS REQUIRED
Fuel Quantity - CHECK
Flight controls - CHECK
Avionics Master Switch - ON
Check Weather (ATIS, Flight Services)
Anti-ice - TEST/CHECK
Request Clearance
Transponder - STANDBY
Beacon - ON

Startup Checklist

Engine and Propeller Area - CLEAR
Throttle - IDLE
Fuel Valves - OPEN
Fuel Condition Lever - AUTO
Idle Gate Lever - FLIGHT IDLE
Prop Brake - OFF
Engine Start Selection Switch - CRANK
Engine Start Selection Switch - START A+B
Start Button Engine 2 - START (Hold until engine starts)
Generator 2 - ON
Start Button Engine 1 - START (Hold until engine starts)
Generator 1 - ON
Loadmeter & Voltmeter - CHECK FOR CHARGE
Engine Start Selection Switch - OFF

Before Taxi Checklist

Nav Lights - ON
Taxi Lights / Logo Lights / Wing Lights - ON
Heading Indicator/Altimeter - SET
Instruments - NORMAL OPERATION
Radios and Avionics - ON, CHECKED and SET
Autopilot - SET and OFF
F/D - ON
Request Taxi Clearance

Dash 8 Checklist

Taxi Checklist

Parking Brake - RELEASE
Brakes - CHECK
Directional Gyro - PROPER IND
Turn Coordinator - PROPER IND
Artificial Horizon - ERECT
Taxi to Assigned Runway (Speed Max 20 knots)

Before Take-off Checklist

Parking Brake - SET
Fuel Quantity - CHECK
Throttle - IDLE
Elevator Trim - SET T/O
Flaps - 15
Flight Controls - FREE AND CORRECT
Engine/Flight Instruments - CHECK
Radios and Avionics - SET
Landing Lights - ON
Taxi Lights - OFF
Strobe Light - ON
Pitot Heat - ON
Anti-Ice - AS REQUIRED
Annunciator Lights - CHECK
Transponder - ON
Request Takeoff Clearance

Take-off Checklist

Brakes - RELEASE
V1 = 105 KIAS (Descision Speed)
Vr = 110 KIAS (Rotate Speed)
Pitch 10-15 deg. nose up
V2 = 115 KIAS (Safety Speed)
Positive Climb Rate - Touch Brakes
Landing Gear - RETRACT
130 KIAS - RETRACT FLAPS
Annunciator Lights/Eng. Instruments - CHECK

Climb-out Checklist

Autopilot - CHECK and SET
Yaw Damper - ON
Landing Lights - OFF
Airspeed 190 KIAS / 1800 fpm 89%
above 12'000 ft 180 KIAS / 1500 fpm 77%
Engine Instruments - MONITOR
ATC - AS REQUIRED

Dash 8 Checklist

Cruise Checklist (Above FL180)

At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)
Accelerate to cruise speed;
at 6'000 ft 245 KIAS 78%
at 9'000 ft 240 KIAS 76%
at 12'000 ft 235 KIAS 73%
at 18'000 ft 220 KIAS 68%
at 24'000 ft 205 KIAS 63%
Service Ceiling 25'000 ft
Engine & Instruments - CHECK
Fuel Quantity - CHECK
Radios - TUNED and SET
Autopilot - CHECK and SET

Descent Checklist

ATIS/Airport Information - CHECK
Altimeter - CHECK
Radios - SET
Descent Speed - 200 - 240 KIAS
Descent Rate - 1500 fpm
Flaps / Landing Gear - CHECK UP
At Transition Altitude (FL180) - ALTIMITER RESET TO LOCAL
Check Weather (ATIS, Flight Services)

Approach Checklist

Localizer Level Flight
Speed: Establish 160 KIAS 28%
Landing Lights - ON
Flaps 15 deg
Speed: Establish 145 KIAS 41%
Turning towards runway - FLAPS 30
Speed: Establish 130 KIAS 44%
Landing Gear - DOWN

Final Glideslope Descent
Speed: Establish 120 KIAS 28%
Descent Rate - 600 fpm
Elevator Trim - AS DESIRED
Parking Brake - VERIFY OFF
Anti-Ice - AS REQUIRED
Yaw Damper - OFF

Dash 8 Checklist

Landing Checklist

Landing Gear - CHECK DOWN
Autopilot - OFF
Autothrottle - OFF
Landing Speed - 115 KIAS
After Touchdown - Apply Reverse Thrust
At 60 KIAS - Cancel Reverse Thrust
Spoilers - VERIFY EXTENDED
Brakes - AS REQUIRED

Taxi To Ramp

Strobe Light - OFF
Taxi Lights - ON
Landing Lights - OFF
Flaps - RETRACT
Anti-Ice - OFF
Transponder - 1200
Speed Max - 20 knots
Elevator Trim - TAKEOFF SETTING
Avionics/Radios - AS REQUIRED

Shutdown Checklist

Parking Brake - SET
Throttle - IDLE
Pitot Heat - OFF
F/D - OFF
Avionics - OFF
Taxi Lights - OFF
Logo Lights/Wing Lights - OFF
Navigation Lights - OFF
Fuel Cond. Lever - FUEL CUTOFF
Idle Gate Lever - GROUND IDLE
Fuel Valves - CLOSE
Beacon - OFF
Generators - OFF
Prop Brake - ON
Panel Light - OFF
Battery Switch - OFF

Securing Aircraft Checklist

Parking Brake - SET
Throttle - IDLE
All Switches - OFF