

BEFORE START

Passenger Briefing COMPLETED
 Control Locks / Covers STOWED
 Chocks REMOVED
 Parking Brake SET
 Doors SECURE
 Fuel Quantity CHECK [...] lbs
 Engine Anti-Ice ON
 Oxygen System ON
 Power Console SET
 Cabin Temp Mode OFF
 Bleed Air Valves ENVIR OFF
 ESIS TESTED / ON
 Avionics Master OFF
 Batteries MAIN ON / GROUND OFF
 DC Volts >23v
 Ground Equipment CLEAR
 Beacon & Lights ON

AFTER-START

Loadmeters PARALLEL ~10%
 Avionics Master ON
 Cabin Temp Mode AS REQ
 EMS Power AS REQ
 Ground Use Battery CHARGE
 Instruments / Flt-Dir / REF's SET
 FMS & Fuel SET
 Bleed Air Valves OPEN
 Cabin Pressurisation PRESS & SET
 Transponder ON
 Cabin Sign ON
 ESIS INITIALISED

 Taxi Light ON (With Taxi Clearance)

◆ FUNCTIONAL

Auto-Feather CHECK
 Primary Gov & Rudder Boost CHECK
 Ice Protection CHECK
 Pressurisation CHECK
 Bleed Air Valves CHECK

KEY

Items marked ◆ may be omitted after the crew's first flight of the day

BEFORE TAKE-OFF

Brakes CHECKED
 Instruments & Flight Controls CHECKED
 Flaps SET [...]
 Frictions & Trims SET
 Transponder ON
 Departure Brief (PEDS) REVIEWED
 Cabin SECURE

RUNWAY

Strobes ON
 Ice Protection AS REQ
 Auto-Ignition ARM
 Engine Anti-Ice AS REQ
 Auto-Feather ARM
 Annunciator Lights CONSIDERED

 Landing Lights ON (With T/O Clearance)

PEDS

P = PERFORMANCE
E = EMERGENCY TURN
D = DEPARTURE
S = STOP ALT / FL

AFTER TAKE-OFF

Landing Gear UP, NO **RED**
Landing & Taxi Lights OFF
Flaps UP
Yaw Damper ENGAGED
Climb Power SET
Engine Instruments CHECK

CLIMB

Altimeters ... STANDARD SET X CHECKED
Engine Anti-Ice AS REQ
Ice Protection AS REQ
Cabin Signs AS REQ
Pressurisation CHECK
Lights AS REQ

DESCENT

Pressurisation SET
REF's / NAV-Aids / FMS SET
ESIS SET
Fuel CHECK
Briefing COMPLETED

APPROACH

Altimeters QNH SET X CHECKED
Auto-Feather ARMED
Engine Anti-Ice ON
Ice Protection AS REQ
Cabin Signs ON

LANDING

Cabin SECURE
Landing Gear DOWN **3 GREEN NO RED**
Missed Approach Altitude SET
Props MAX RPM
Flaps DOWN
Yaw Damper OFF

MISSED APPROACH

Landing Gear UP
Landing & Taxi Lights OFF
Flaps UP
Altimeters CHECK
Fuel CHECK
FMS & Flt Director AS REQ

AFTER LANDING

Radar STANDBY
Press Diff VERIFY 0
Bleed Air Valves ENVIR OFF
Flaps UP
Trims RESET
Transponder STANDBY
Ice Protection OFF
Lights AS REQ
Auto-Ignition OFF
Engine Anti-Ice ON
Auto-Feather OFF

SHUTDOWN

Parking Brake SET
Taxi Light OFF
Cabin Temp Mode OFF
ESIS OFF
Avionics Master OFF
ITT STABLE
Condition Levers CUTOFF
Props FEATHER
Oxygen System AS REQ
Fuel Quantity [...] lbs
Cabin Signs OFF
EMS Power AS REQ
DC Volts CHECK
Ground-Use Battery AS REQ
Beacon & Lights AS REQ
Main Battery & Generators OFF
Headsets OFF
Control Locks AS REQ

◆ COCKPIT SAFETY

Fire Extinguisher CHECK
 Oxygen System.... CHECK, CONTENTS [...]
 Static Air SourceNORMAL
 Landing Gear DOWN
 Alternate Extension Handle SECURE
 Trims..... ZERO
 Rudder-Boost ON
 ELT..... ARM
 Starter Switches OFF
 Ground-Use Battery..... ON
 DC Volts CHECK
 Ground-Use Battery..... OFF
 Main Battery.....ON
 DC Volts.....> 23V
 External Power (if available) ON
 DC Volts (GPU) 28.0 - 28.4V
 Circuit Breakers LHS & RHS CHECK
 Annunciators CHECK
 Fire Detectors / Extinguishers CHECK
 Stall Warning CHECK
 Land Gear Handle Light CHECK
 Hydraulic Fluid Sensor CHECK
 Flaps CHECK
 CVR CHECK
 Fuel System CHECK
 Avionics Master..... ON
 Electric Pitch Trim..... ON, CHECK
 Radios, Radar, TCAS, EGPWS CHECK
 Audio Panels SET
 Autopilot CHECK
 EMER Frequency EXTINGUISHED
 Avionics Master OFF
 Reversion Panel NORM / CENTRE
 Ice Protection (Hot 5) CHECK
 External Lights CHECK
 Main & Ground Use Batteries OFF

**Take-Off Speeds - Raisbeck
(Sea Level, ISA)**

LBS x 1000	12.5	12.0	11.5	11.0	10.5
VR Flap UP	94	94	94	94	94
VR Flap APP	96	92	88	87	87
V2 Flap UP	103	103	103	103	103
SEERC	121	119	118	117	116

**Landing Speeds – Raisbeck
(Sea Level, ISA)**

LBS x 1000	12.5	12.0	11.5	11.0	10.5
Vref Flap DN	97	95	93	90	88
Vref Flap UP	121	119	116	113	110
SEERC	121	119	118	117	116

Useful Frequencies

Gama Glasgow FBO	131.965
Signature Handling	122.350
Far North Wick	131.560
Scottish Volmet	125.725
London Volmet North	126.600
London Volmet South	128.600

Expanded Procedures

Auto-Feather

Condition Levers LOW IDLE
 Prop Levers FULL FORWARD
 Power Levers ~500 ft.lb
 Auto-Feather Switch HOLD TO TEST
L AUTOFEATHER R AUTOFEATHER
 ILLUMINATED
 Power Levers RETARD INDIVIDUALLY
 ~410 ft-lbs – OPPOSITE ANNUNCIATOR
 EXTINGUISHED
 ~260 ft-lbs – BOTH ANNUNCIATOR
 EXTINGUISHED (Prop Starts to Feather)
 Power Levers IDLE
L AUTOFEATHER R AUTOFEATHER
 EXTINGUISHED (Neither Prop Feathers)
 Auto-Feather Switch RELEASE

Primary Governors, Over-Speed Governors & Rudder- Boost

Rudder-Boost ON
 Prop Levers FULL FORWARD
 Prop Governor Test Switch Hold to Test
On Each Engine Individually
 Power Lever Increase Until Stable
 1800 – 1910 RPM
 Prop Lever Retard to Detent
 Then Full
 Forward
 Power Lever Continue to Increase Until
 Rudder Movement Noted
 (observe ITT & torque limits)
 Power Lever IDLE
On Completion of Both Engine Check
 Prop Governor Test Switch RELEASE

Aircraft Emergency Equipment

Flight Deck O2 Mask	2
Smoke Goggles	2
Fire Gloves	1
TORCHES	2
PBE Smoke Hood	1
Fire Extinguisher	2
Crew Life Vest	2
Passenger Life Vest	6
Infant Life Raft	1
First Aid Kit	1
Crash Axe	1
Passenger Safety Cards	6
FUEL Sampling Kit	1
Emergency Gear Handle	1
Demo Kit	1
Extension Seat Belt	1
QRH	1
POH/AOM	1
Aircraft Checklist	2