

## INTERIOR CHECK

1. Flight Controls ..... FREE
2. HYD EMER OVER sw ..... CHECK CLOSED COVER
3. SEARCH & LDG It sw ..... OFF
4. Avionics equipment..... OFF
5. C-2G compass slaving..... MAG
6. INT AUX FUEL sws..... OFF
7. DE-ICE sw..... OFF
8. GOV sw..... AUTO
9. START FUEL sw ..... ON
10. MAIN FUEL sw ..... ON
11. HOIST CABLE CUT ..... CHECK CLOSED COVER
12. FORCE TRIM sw ..... ON
13. HYD CONT sw ..... ON
14. DEFROST lever ..... OFF
15. MARKER BEACON VOLUME . OFF
16. Engine vibration indicator .... STBY
17. Clock..... CHECK / SET
18. BIV-NORM-TEST sw ..... NORM
19. Radar altimeter ..... OFF
20. Attitude indicators ..... UNCAGED
21. Altimeter ..... SET
22. OAT gauge ..... CHECK
23. BLEED AIR selector ..... OFF
24. Wipers ..... OFF
25. POSITION LIGHTS..... AS REQUIRED
26. ANTI COLLISION LIGHTS ..... AS REQUIRED
27. DOME LIGHTS..... AS REQUIRED
28. PITOT HTR sw ..... OFF
29. DC CB..... IN
30. INVTR 1 sw ..... OFF
31. INVTR 2 sw ..... OFF
32. AC BUS sw ..... BUS 1
33. MAIN GEN sw ..... NORMAL (COVER CLOSED)
34. MAIN GEN CONTROL sw..... OFF
35. STARTER GEN sw ..... START (COVER CLOSED)
36. STARTER GEN CONTROL sw.. OFF
37. DC NON-ESS BUS sw ..... NORMAL ON

## ENGINE PRE-START

1. BAT sw ..... ON
2. ICS control panel ..... CHECK
3. Engine vibration indicator .... TEST
4. BAT-HOT It..... TEST
5. FIRE detector It..... TEST
6. CARGO REL ARMED It..... TEST
7. Torque meter indicator ..... TEST
8. MAIN & STARTER GEN FAIL.. CHECK ON
9. CAUTION Its..... TEST & RESET
10. Throttle ..... CHECK TRAVEL & SET IDLE
11. GOV RPM INCR/DECR Sw ..... DECREASE FOR 10 SEC

## STARTING

1. EGT ..... CHECK
2. Rotor blades..... FREE & CLEAR
3. Starter switch ..... DEPRESS UNTIL 40% N1
4. Clock..... START
5. HYD CONT sw ..... OFF/ON
6. Throttle ..... INCREASE UNTIL N1 70%
7. MAIN GEN control sw..... RESET, THEN ON
8. MAIN GEN FAIL It ..... CHECK OFF
9. INVTR 1/2 ..... ON
10. ENGINE / TRANS OIL PRESS.. CHECK
11. Throttle ..... INCREASE TO FULL
12. RPM..... 6000 RPM
13. START FUEL sw ..... ON
14. Engine / Trans gauges ..... ALL GREEN

## ENGINE RUN-UP

1. FUEL GAUGE TEST sw ..... DEPRESS TO TEST
2. PITOT HTR ..... CHECK OPERATION
3. STARTER GEN control sw..... RESET THEN ON
4. MAIN GEN sw ..... TRIP
5. MAIN GEN FAIL It ..... CHECK ILLUMINATED
6. Load meter MAIN GEN ..... ZERO
7. DC Voltmeter..... ZERO
8. DC NON-ESS BUS sw..... MANUAL ON
9. DC Voltmeter..... 28 V
10. DC NON-ESS BUS sw..... NORMAL ON
11. DC Voltmeter sw ..... ESS BUS
12. MAIN GEN control sw..... RESET THEN ON
13. FUEL BOOST pump check ..... PERFORM
14. DE-ICE ..... PERFORM
15. DE-ICE sw ..... ON  
EGT ..... CHECK INCREASE
16. DE-ICE sw ..... OFF  
EGT ..... CHECK DECREASE
17. Engine / Transmi gauges ..... ALL NORMAL
18. C-2G COMPASS..... SYNCHRONIZE
19. Avionics check ..... PERFORM  
IFF/SIF ..... CHECK OPERATION  
VHF COM..... CHECK OPERATION  
VHF NAV ..... CHECK OPERATION  
UHF/ADF ..... CHECK OPERATION  
MARKER BEACON..... CHECK OPERATION

## BEFORE TAKE-OFF

20. Engine ..... 6400-6600 N2 RPM
21. FUEL QUANTITY..... CHECK
22. Instruments..... CHECK
23. Radar altimeter ..... ON
24. Caution panel ..... CHECK (&reset)
25. OAT ..... CHECK
26. PITOT HTR ..... AS REQUIRED

27. BLEED AIR selector ..... AS REQUIRED
28. DE-ICE sw ..... AS REQUIRED
29. FORCE TRIM ..... AS REQUIRED

## ADDITIONAL FOR IFR FLIGHTS, CHECK IN HOVER TAXI

30. Turn needle, heading ..... CHECK
31. Vertical speed, altimeter..... CHECK
32. Attitude indicator..... CHECK
33. Turn and slip indicator ..... BALL FREE
34. Airspeed indicator..... CHECK

## BEFORE DEPARTURE

1. Avionics ..... SET/ ON
2. Navigation..... SET
3. Hover pwr / takeoff pwr ..... CHECK
4. Fuel quantity ..... CHECK
5. Attitude indicators ..... SET
6. Takeoff time ..... NOTE

## AFTER TAKEOFF / CRUISE

1. Power and trim ..... SET FOR CRUISE
2. FORCE TRIM sw ..... ON
3. Attitude indicator..... SET
4. Altimeter ..... CHECK
5. OAT ..... CHECK
6. PITOT HTR / DE-ICE ..... AS REQUIRED
7. Fuel consumption ..... CHECK

## DESCENT / BEFORE LANDING

1. Engine ..... 6400 / 6600 N2 RPM
2. FORCE TRIM sw ..... ON
3. BLEED AIR selector ..... AS REQUIRED
4. Search and landing lights ..... AS REQUIRED

## AFTER LANDING

1. Collective pitch..... FULL DOWN
2. FORCE TRIM sw ..... CHECK ON
3. Search and landing lights ..... OFF
4. Exterior lights ..... AS REQUIRED

## SHUTDOWN

1. GOV RPM INCR/DECR sw ..... FULL DECREASE
2. AVIONICS..... ALL OFF
3. Throttle ..... FLIGHT IDLE 70% TO 72%
4. EGT ..... STABILIZE
5. Throttle ..... CLOSE
6. MAIN/START FUEL sw ..... OFF
7. INVTR 1/2 sws ..... OFF
8. MAIN / STARTER GEN sws... OFF
9. EGT ..... CHECK DECREASE
10. External lights ..... OFF
11. BAT sw..... OFF