APU COLD WEATHER STARTING PROCEDURE

MINIMUM TEMPERATURE FOR GROUND OPERATIONS FOLLOWING PROLONGED COLD SOAK IS -40°C (AFM 01-03-00, p. 1-14)

MINIMUM SEA LEVEL OPERATING TEMPERATURE IS -50°C (AFM 01-03-00, p. 1-15)

At temperatures < -20°C remove batteries and store in an area > -20°C < +40°C (Inclusive of EBHA battery).
PULL SMC CB's C3 on POP and CPOP (AFM 07-01-00, P.6) during prior post flight.

Additional Notes:
LIFE RAFTS < -28°C (07-01-00, page 20)
NOSE STRUT (07-01-00, page 6)
SNOW REMOVAL AS REQUIRED
FROZEN BRAKES HOT AIR ONLY
NO CHEMICALS
PRV STATIC PORT CLEAR OF ICE (Water rundown and re-freezing)

Overnight temperature < -20°C and the current temperature is < -20°C

Use an AC External Power cart to warm MSB's by charging them.

DU's NOT ON IN THIS PROCEDURE. AFTER AIRCRAFT IS WARMED UP CONSIDER SHUTTING DOWN AND CONDUCTING THE PUBLISHED EBATT CHECK AND APU FIRE TEST

Preheat cockpit in order to read APU EGT and RPM.

OK to start but verify visually door is OPEN. (AFM 07-01-00, p.8)

Delay cockpit systems power up until > 18°C is reached for 30 minutes. This includes DU's and IRS's (07-01-00, p.8) and SMC's p.6.

APU START